

BRAKE AND WHEEL END PARTS CATALOG



TRUST MATTERS.

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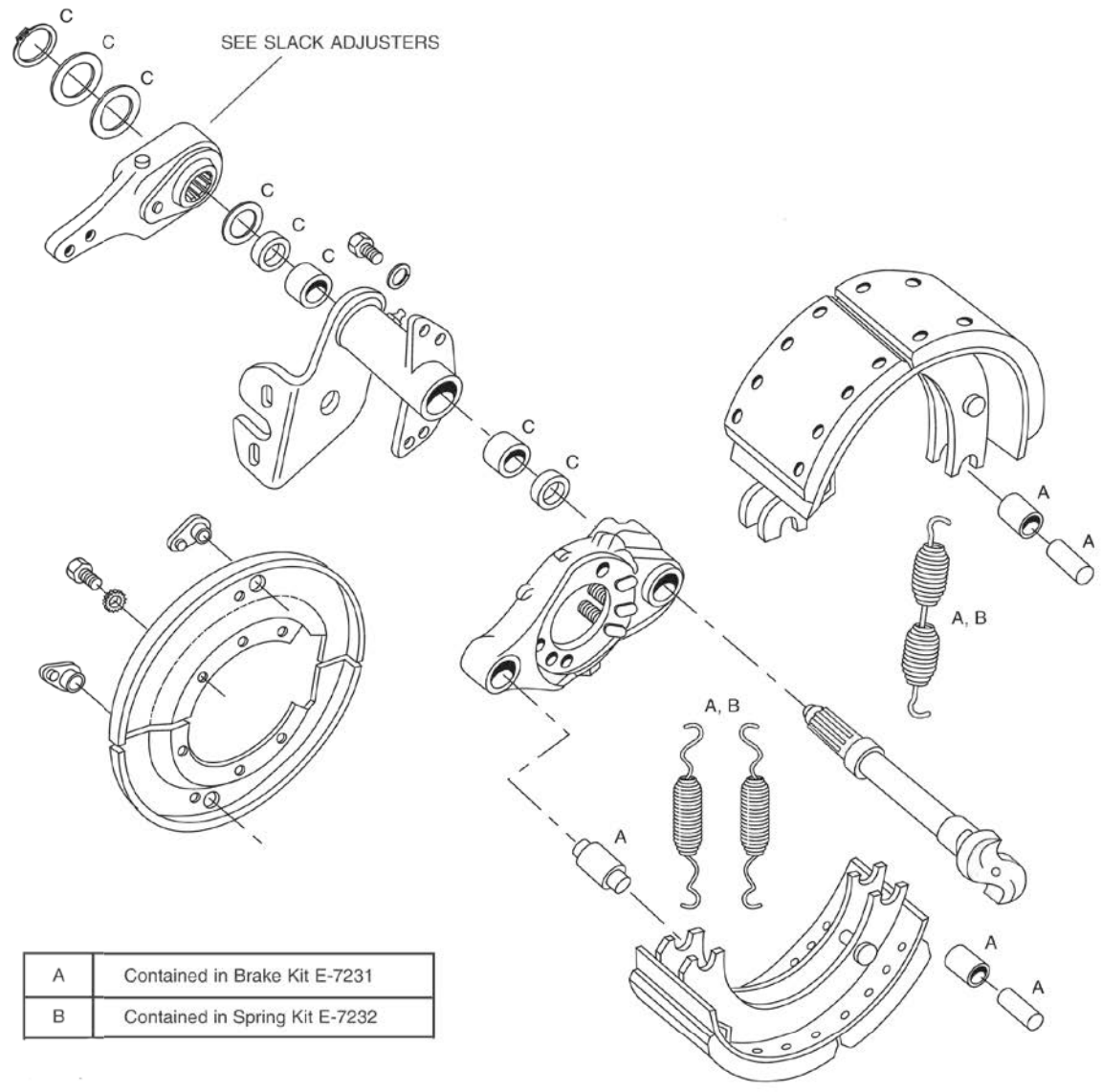
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STEER AXLE BRAKE "FORD CARGO"

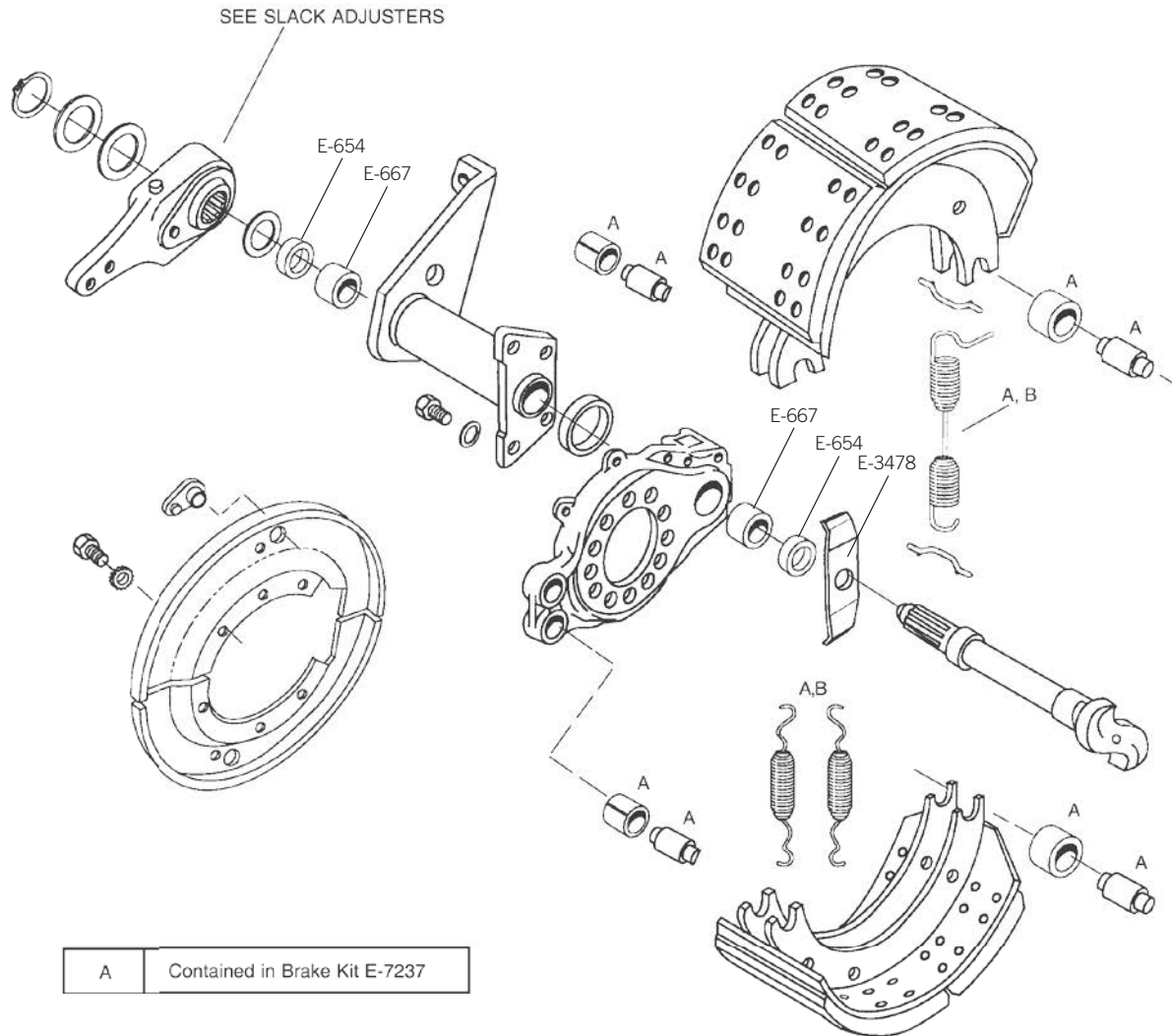
PART NO.	PAGE NO.
E-7231	1-83
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- Bendix 15" Steer Axle is the only dual web, single replaceable anchor pin design built prior to '95.
- Most common application is found on 1989-1991 Ford Bus & Cargo.

TRUCK & TRACTOR BRAKE

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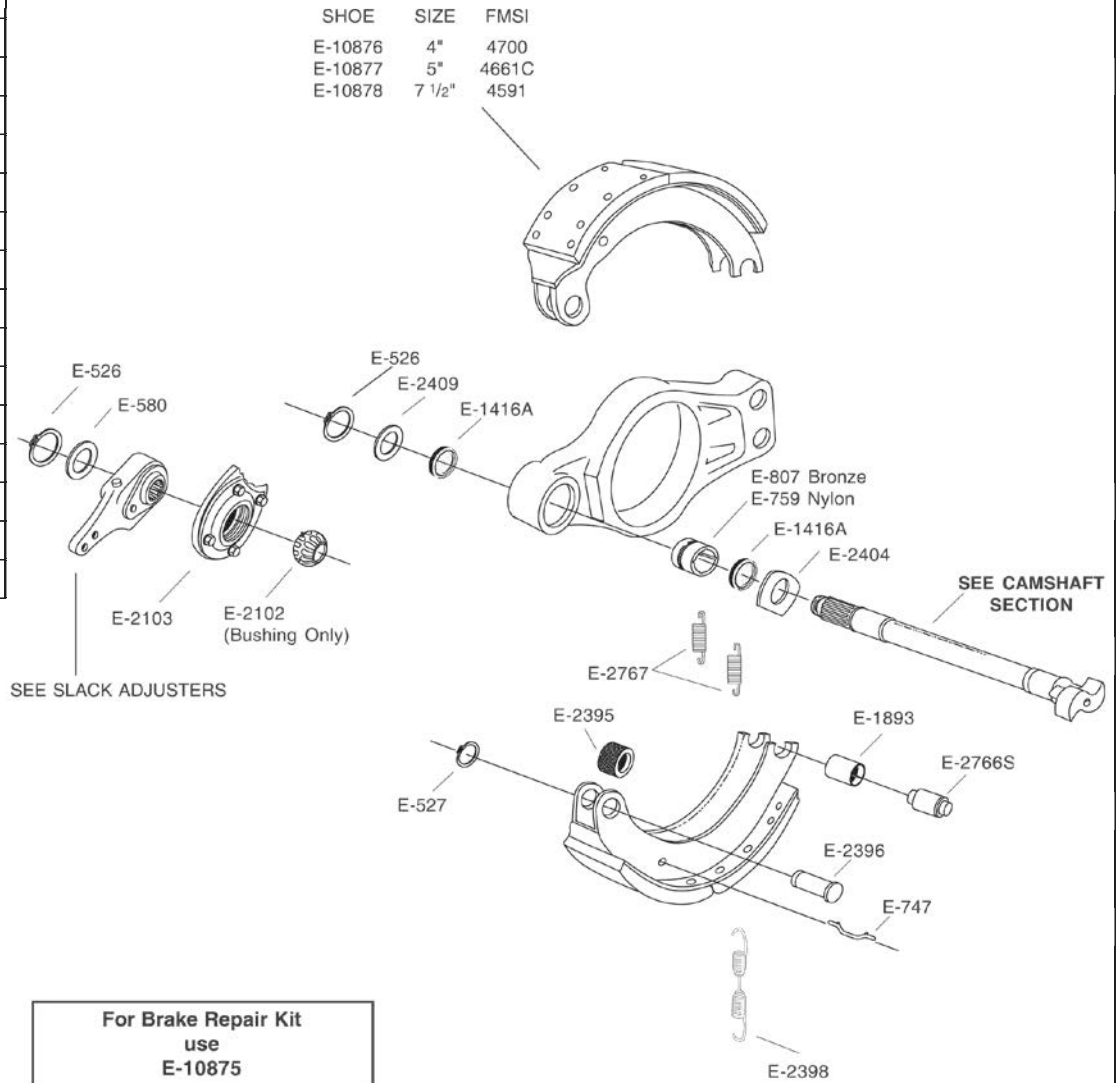


- Bendix 16 1/2" shoe is unique to this application. Never interchange with other shoe manufacturers.

PQ STYLE BRAKE (AFTER 5/96)

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E-747	1-119
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E-1416A	2-103
E-1893	1-113
E-2102	2-99
E-2103	2-92
E-2395	1-102
E-2396	1-103
E-2398	1-114
E-2404	2-107
E-2409	2-105
E-2469	2-69
E-2766S	1-104
E-2767	1-118
E-10875	1-74
E-10876	1-123
E-10877	1-123
E-10878	1-123

SHOE	SIZE	FMSI
E-10876	4"	4700
E-10877	5"	4661C
E-10878	7 1/2"	4591



For Brake Repair Kit
use
E-10875

For Camshaft Repair Kit
use
E-2469

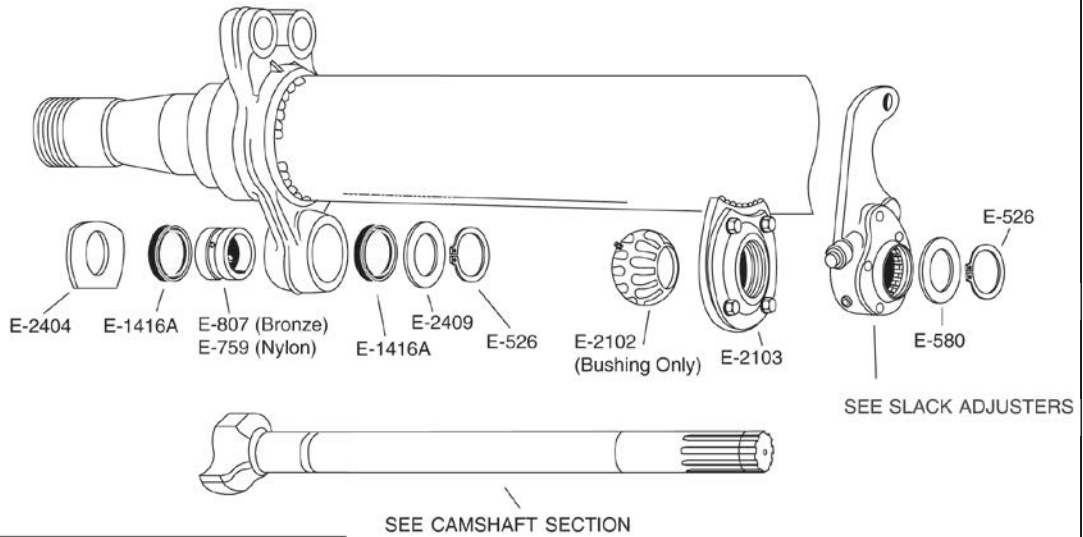
Note: For Dexter Q Shoe use E-10756 kit and change out roller E-586 to E-523

DEXTER TRAILER AXLE WITH 12-1/4" DIAMETER BRAKES

BRAKE HARDWARE

CAMSHAFT, BUSHINGS & BRACKET PARTS

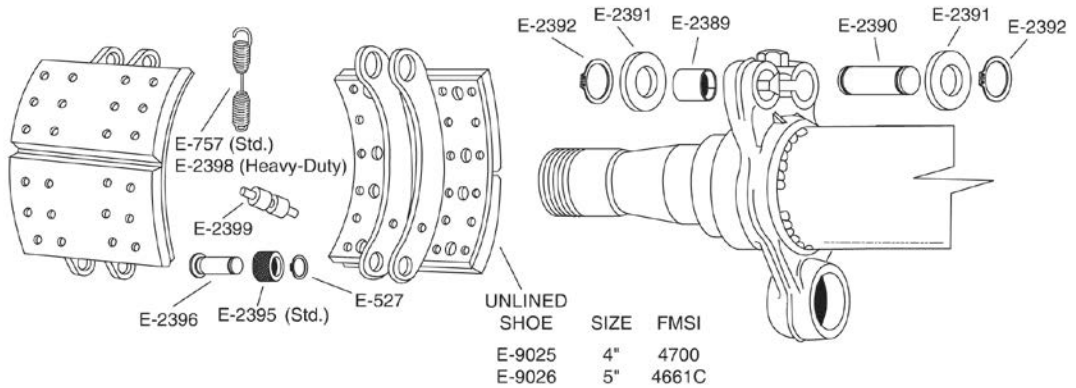
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E-1416A	2-103
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For Camshaft Repair Kit use E-2469

BRAKE SHOES & HARDWARE (BEFORE 4/93)

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E-2389	1-113
E-2390	1-104
E-2391	1-111
E-2392	1-107
E-2395	1-102
E-2396	1-103
E-2398	1-114
E-2399	1-119
E-2402HD	1-78
E-9025	1-123
E-9026	1-123



- Not interchangeable with other 12 1/4" Designs. Euclid recommends against replacing with "Q" Style shoes.

For Brake Repair Kit use E-2402HD

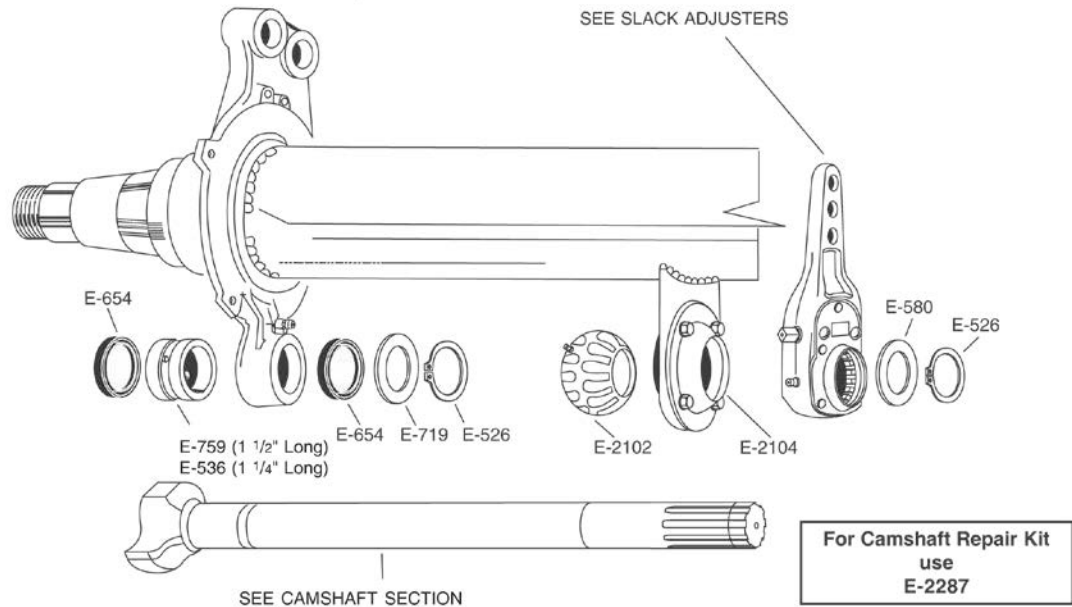
DEXTER TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

Brake and
Wheel End

BRAKE HARDWARE

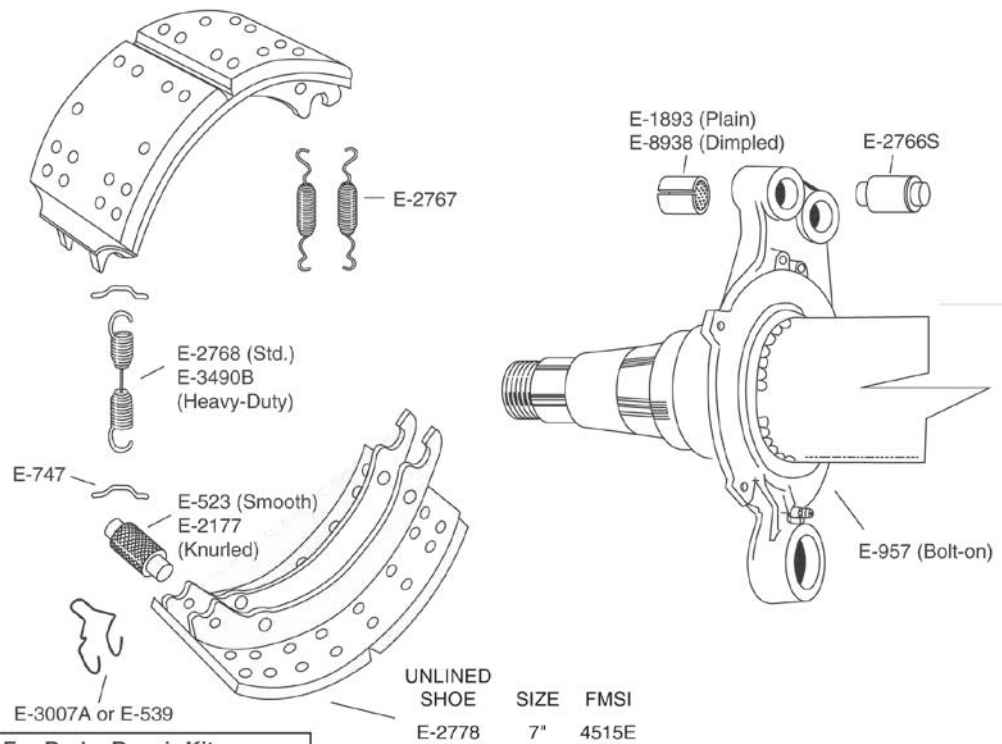
CAMSHAFT, BUSHINGS & BRACKET PARTS

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BRAKE SHOES & HARDWARE

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E-539	1-110
E-747	1-119
E-1893	1-113
E-2177	1-101
E-2766S	1-104
E-2767	1-118
E-2768	1-116
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E-2769S	1-92
E-2769SHD	1-92
E-2778	1-126
E-3007A	1-110
E-3490B	1-116
E-8938	1-113



**For Brake Repair Kit use
E-2769HD, E-2769S,
E-2769SHD**

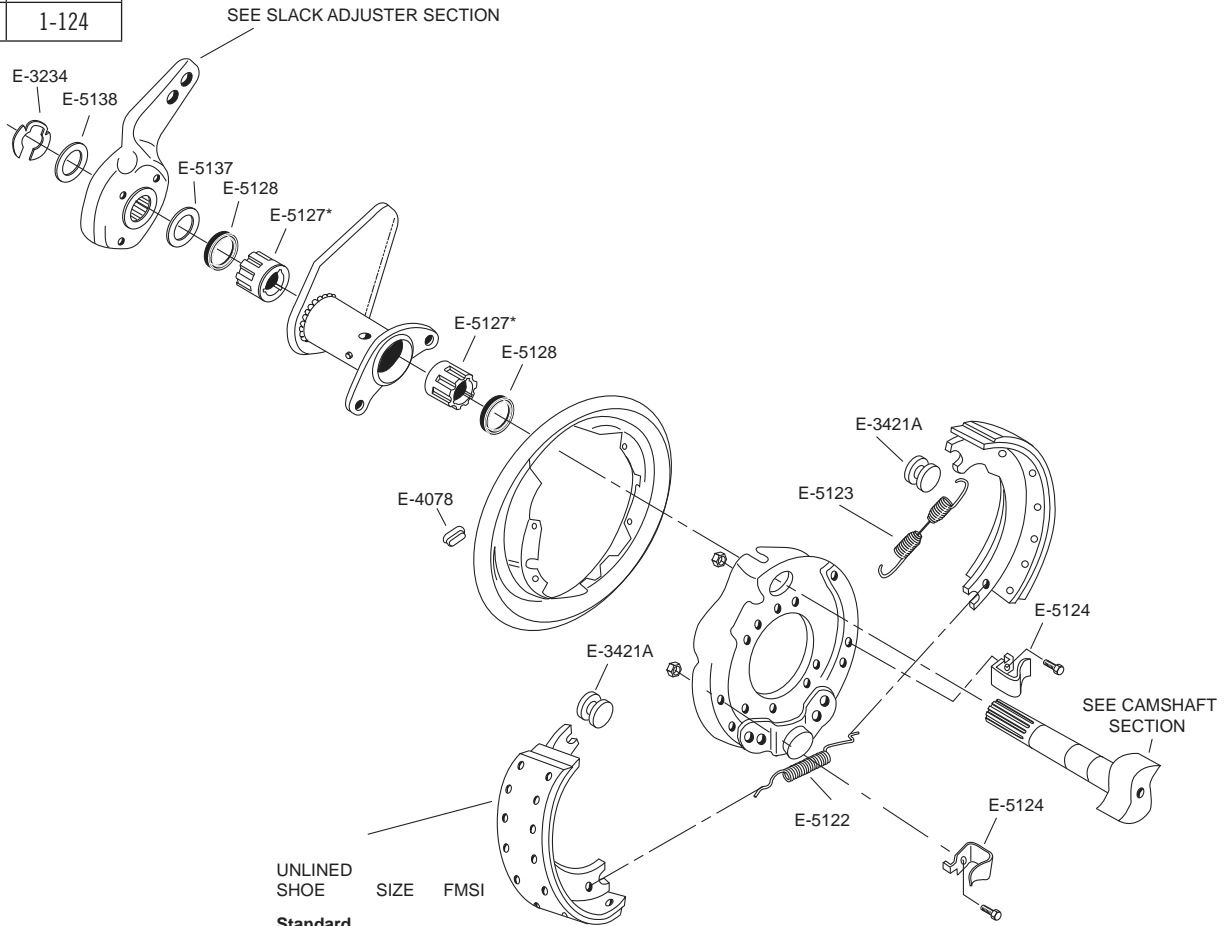
- Interchangeable with Meritor "Q" Style shoes.

EATON 15" DIAMETER STANDARD & ES EXTENDED SERVICE BRAKES

BRAKE HARDWARE

STEER AXLE BRAKE - SINGLE WEB

PART NO.	PAGE NO.
E-3234	2-108
E-3421A	1-101
E-4078	1-110
E-5122	1-118
E-5123	1-115
E-5124	1-110
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E-5137	2-105
E-5138	2-105
E-5139	1-80
E-5140	2-75
E-9027	1-124



UNLINED SHOE	SIZE	FMSI
Standard		
E-5126	4"	1308
"Extended Service"		
E-9027	4"	1443TT

*Bushing E-5127 is inverted in camshaft tube, see illustration above.

For Brake Repair Kit
use
E-5139

For Camshaft Repair Kit
use
E-5140

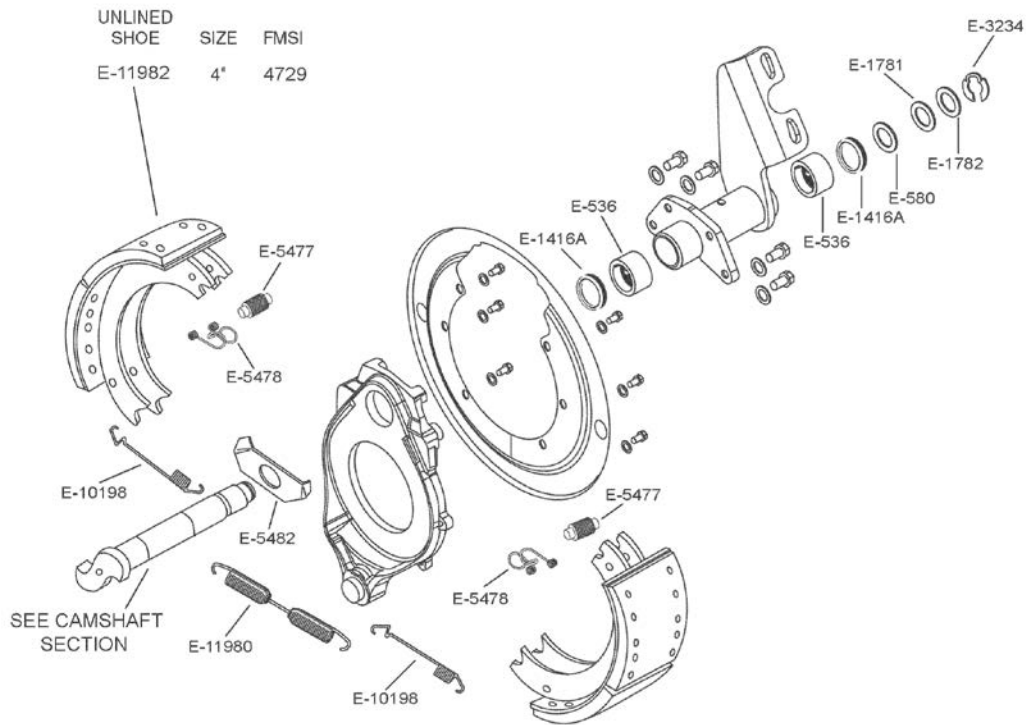
EATON 15" DIAMETER ES EXTENDED SERVICE BRAKES

Brake and
Wheel End

BRAKE HARDWARE

STEER AXLE BRAKE - DOUBLE WEB

PART NO.	PAGE NO.
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E-1416A	2-103
E-1781	2-105
E-1782	2-105
E-2125-2	2-73
E-3234	2-108
E-5477	1-101
E-5478	1-110
E-5482	2-106
E-10198	1-118
E-11981	1-79



For Brake Repair Kit
use
E-11981

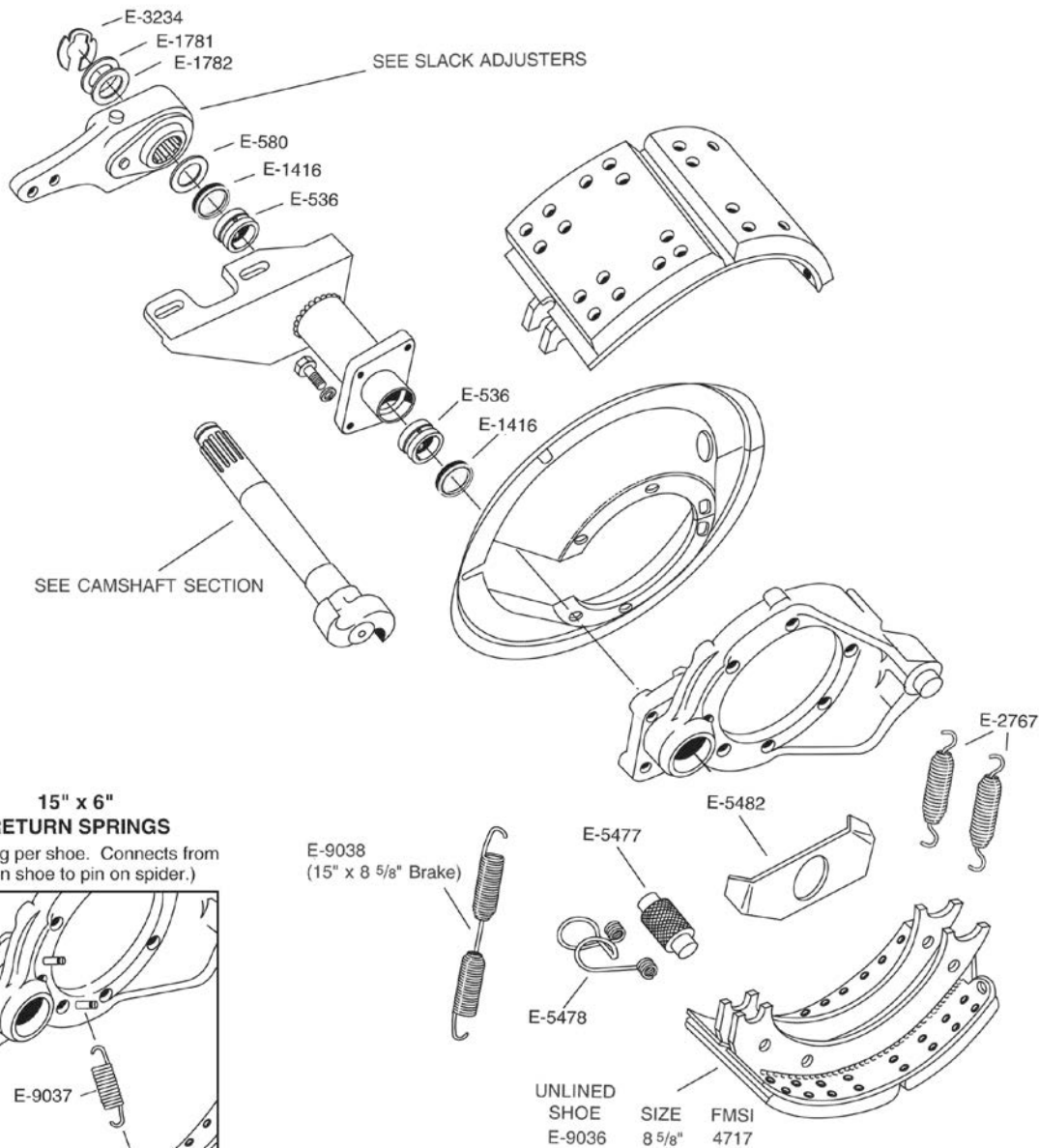
For Camshaft Repair Kit
use
E-2125-2

EATON 15" DIAMETER REDUCED ENVELOPE BRAKES

BRAKE HARDWARE

TRUCK AND TRACTOR BRAKE

PART NO.	PAGE NO.
E-536	2-98
E-580	2-105
E-1416	2-103
E-1781	2-105
E-1782	2-105
E-2767	1-118
E-3234	2-108
E-5477	1-101
E-5478	1-110
E-5482	2-106
E-5501	2-72
E-9036	1-124
E-9037	1-115
E-9038	1-115
E-9039	1-84
E-9141	1-83



- Only dual web single non replaceable Anchor Pin design.

**For Brake Repair Kit
use E-9141 (6" Shoe)
E-9039 (8 5/8" Shoe)**

**For Camshaft Repair Kit
use E-5501**

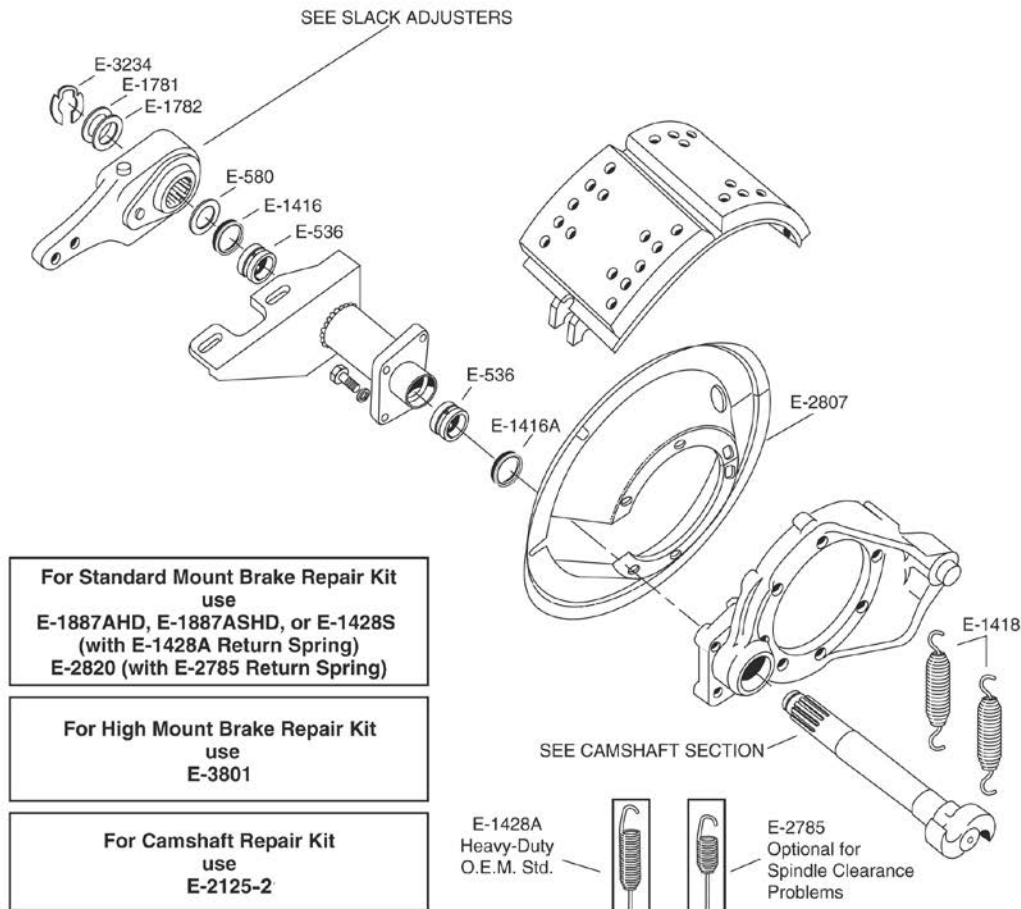
EATON 16-1/2" DIAMETER 541 SERIES BRAKES

Brake and
Wheel End

BRAKE HARDWARE

TRUCK AND TRACTOR BRAKE WITH CAST SPIDER

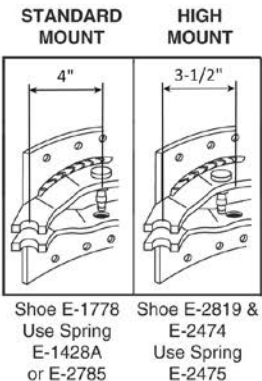
PART NO.	PAGE NO.
E-536	2-98
E-580	2-105
E-595	1-102
E-1416	2-103
E-1416A	2-103
E-1418	1-118
E-1428A	1-117
E-1428S	1-117
E-1781	2-105
E-1782	2-105
E-1887AHD	1-87
E-1887ASHD	1-87
E-2125-2	2-73
E-2217A	1-102
E-2474	1-125
E-2475	1-117
E-2785	1-117
E-2807	1-129
E-2820	1-87
E-3234	2-108
E-3801	1-88
E-9509	1-125



For Standard Mount Brake Repair Kit
use
E-1887AHD, E-1887ASHD, or E-1428S
(with E-1428A Return Spring)
E-2820 (with E-2785 Return Spring)

For High Mount Brake Repair Kit
use
E-3801

For Camshaft Repair Kit
use
E-2125-2



E-595 (Plain)
E-2217A (Knurled)

UNLINED SHOE	SIZE	FMSI
High Mount		
E-2474	5"	4223A
E-9509	6"	4317
E-2819	7"	4311J

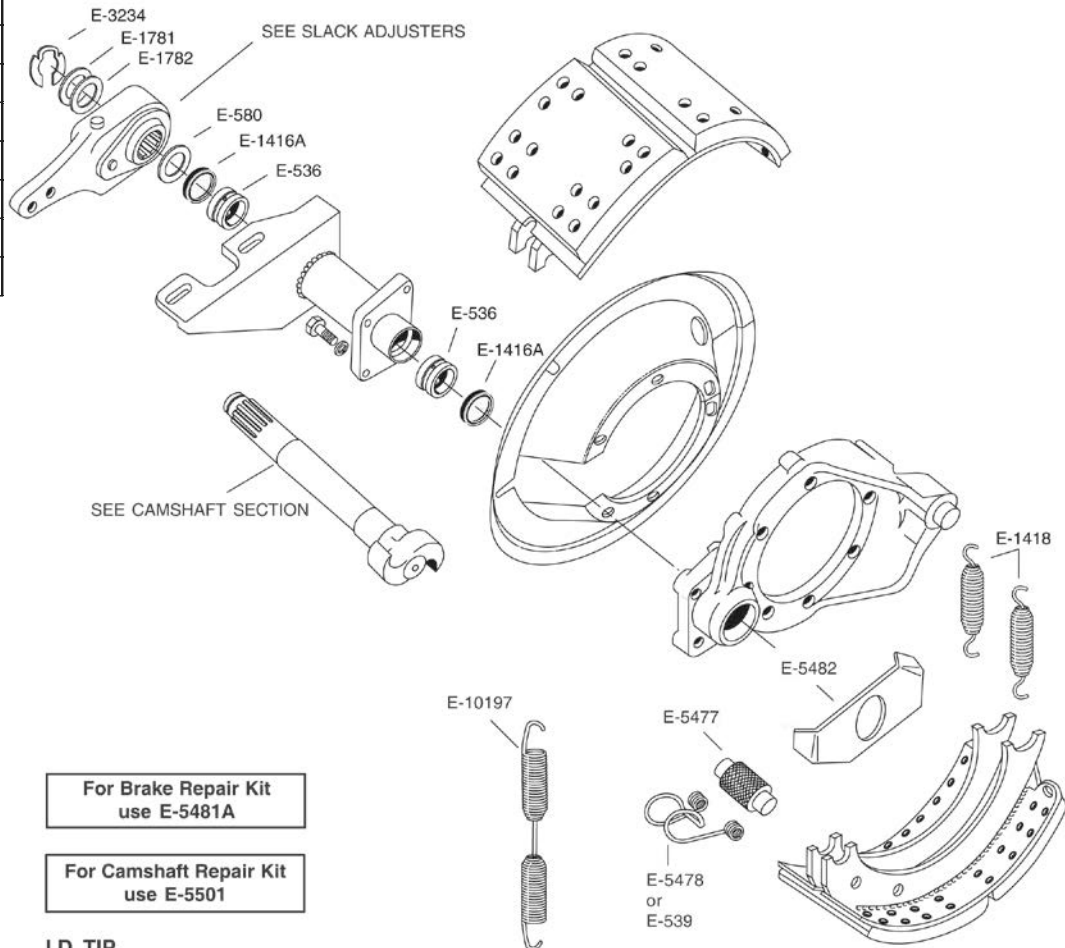
- Upgrade to "ES II" with "ES II" Cam and "ES II" Kit.
- Note: cannot change from High Mount to Standard Mount.

EATON 16-1/2" DIAMETER ES EXTENDED SERVICE BRAKES

BRAKE HARDWARE

TRUCK AND TRACTOR BRAKE WITH FABRICATED SPIDER

PART NO.	PAGE NO.
E-536	2-98
E-539	1-110
E-580	2-105
E-1416A	2-103
E-1418	1-118
E-1781	2-105
E-1782	2-105
E-3234	2-108
E-5477	1-101
E-5478	1-110
E-5481A	1-85
E-5482	2-106
E-5501	2-72
E-10197	1-117
E-9141	1-83



For Brake Repair Kit
use E-5481A

For Camshaft Repair Kit
use E-5501

I.D. TIP
 • Upgrade to "ES II" with "ES II" Cam and "ES II" Kit.

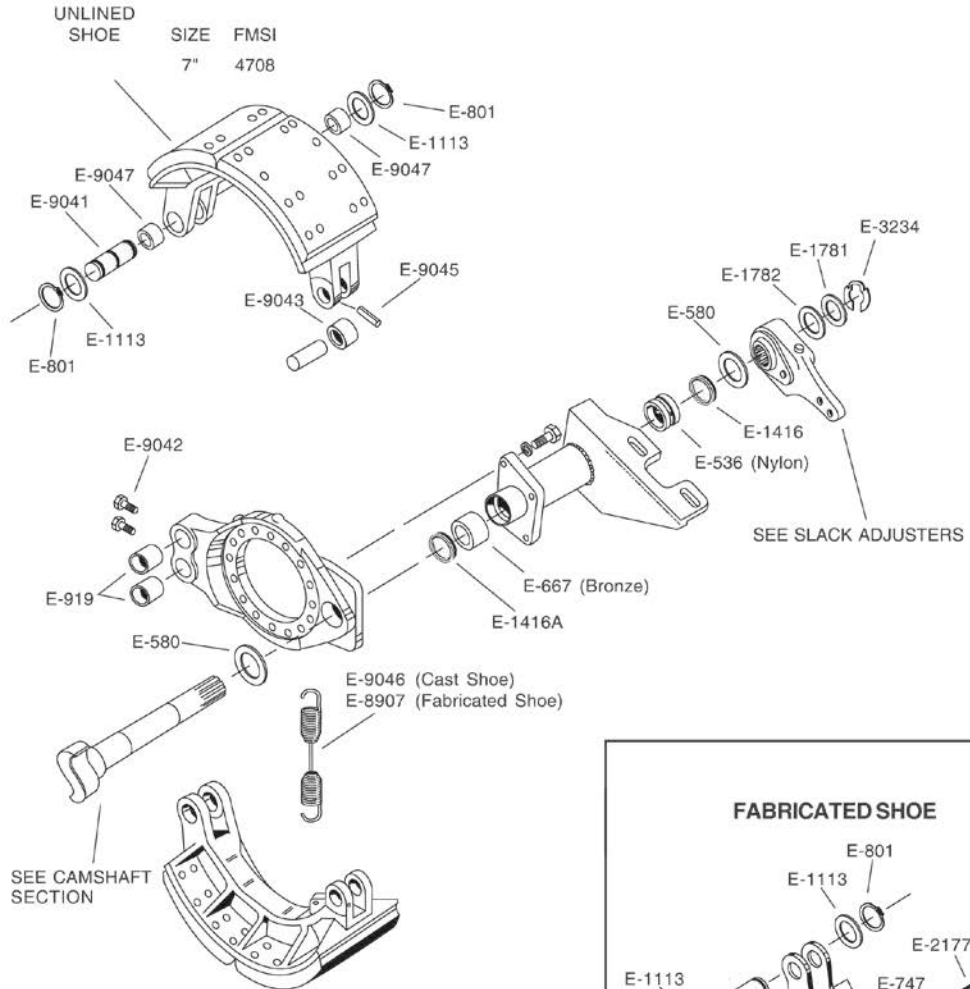
EATON 16-1/2" DIAMETER ES EXTENDED SERVICE BRAKES

Brake and
Wheel End

BRAKE HARDWARE

SEVERE SERVICE CAST AND FABRICATED TRUCK AND TRACTOR BRAKE

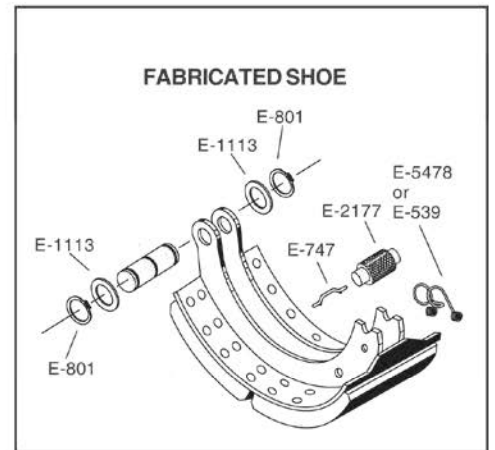
PART NO.	PAGE NO.
E-536	2-98
E-539	1-110
E-580	2-105
E-667	2-71
E-747	1-119
E-801	1-108
E-919	1-113
E-1113	1-111
E-1416	2-103
E-1416A	2-103
E-1781	2-105
E-1782	2-105
E-2125-2	2-73
E-2177	1-101
E-3234	2-108
E-5478	1-110
E-8907	1-116
E-9041	1-105
E-9042	1-110
E-9043	1-102
E-9045	1-110
E-9046	1-116
E-9047	1-112
E-9048	1-85
E-9052	1-86



For Brake Repair Kit
 use
E-9048 (Cast Shoes)
E-9052 (Fabricated Shoes)

For Camshaft Repair Kit
 use **E-2125-2**

- Non Interchangeable with Meritor 16 1/2" design shoes.

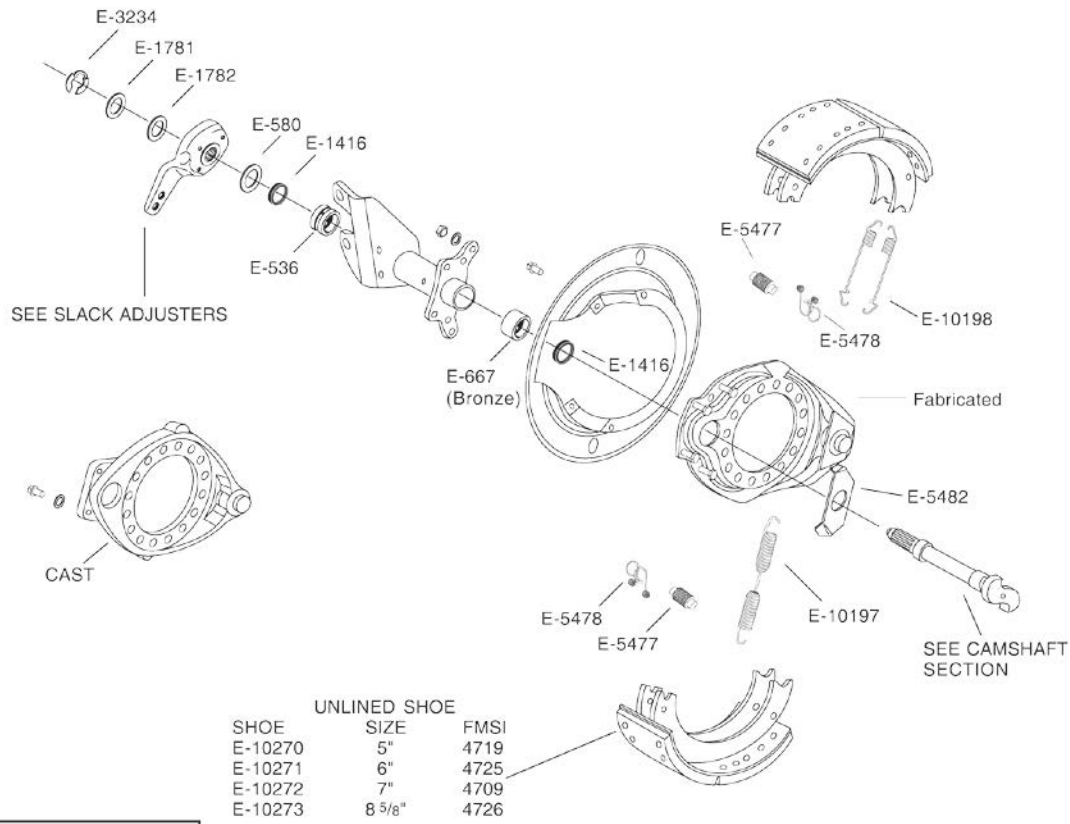


EATON 16-1/2" DIAMETER ES II EXTENDED SERVICE BRAKES

BRAKE HARDWARE

TRUCK & TRACTOR BRAKE

PART NO.	PAGE NO.
E-536	2-98
E-580	2-105
E-667	2-71
E-801	1-108
E-1416	2-103
E-1781	2-105
E-1782	2-105
E-3234	2-108
E-5477	1-101
E-5478	1-110
E-5482	2-106
E-9037	1-115
E-10197	1-117
E-10198	1-118
E-10244	1-86
E-10270	1-125
E-10271	1-125
E-10272	1-125
E-10273	1-125
E-10760	1-87
E-10761	1-109
E-10897	2-71

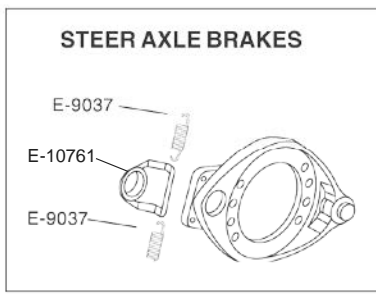


For Brake Repair Kit use
E-10244 (Drive Axle)
E-10760 (Steer Axle)

For Camshaft Repair Kit use E-10897

I.D. TIP

- E-10198 Retainer Springs are unique to the ES II design.
- E-10760 and E-10761 used on 14.5k and above axles.



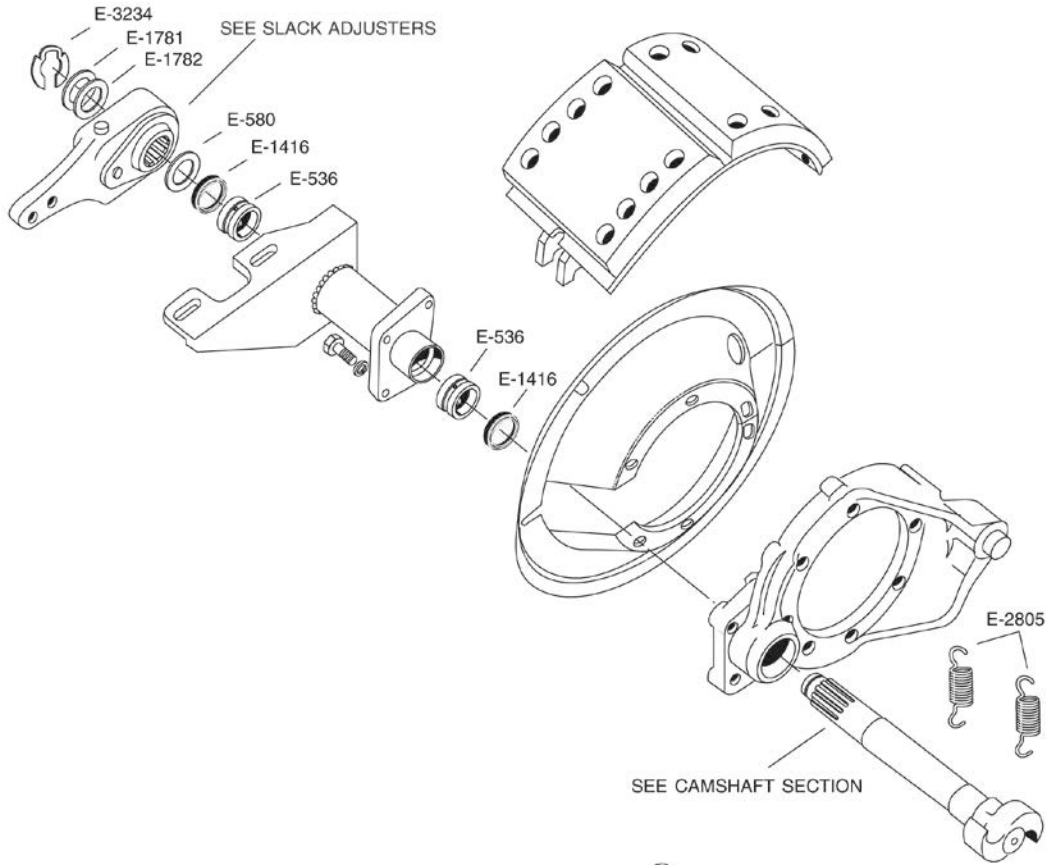
EATON 18" DIAMETER SELF-CONTAINED TRACTOR BRAKES

Brake and Wheel End

BRAKE HARDWARE

HEAVY-DUTY SERIES BRAKE WITH CAST BRAKE SHOES

PART NO.	PAGE NO.
E-536	2-98
E-580	2-105
E-1416	2-103
E-1781	2-105
E-1782	2-105
E-2125-2	2-73
E-2801	1-126
E-2802	1-102
E-2803	1-103
E-2804	1-117
E-2805	1-118
E-2821	1-98
E-3234	2-108

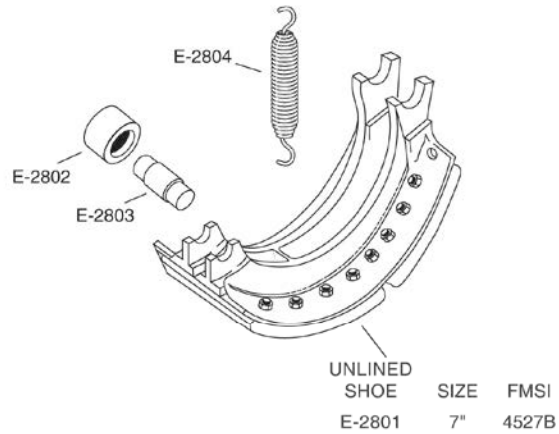


For Brake Repair Kit
use
E-2821

For Camshaft Repair Kit
use
E-2125-2

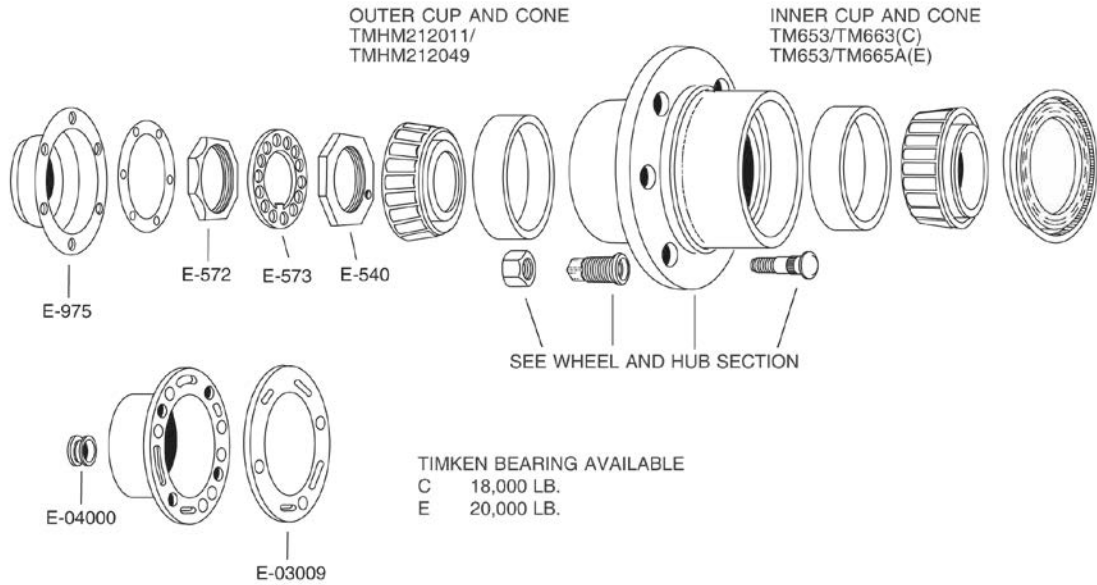
I.D. TIP

- Lining is typically bonded & bolted to table.



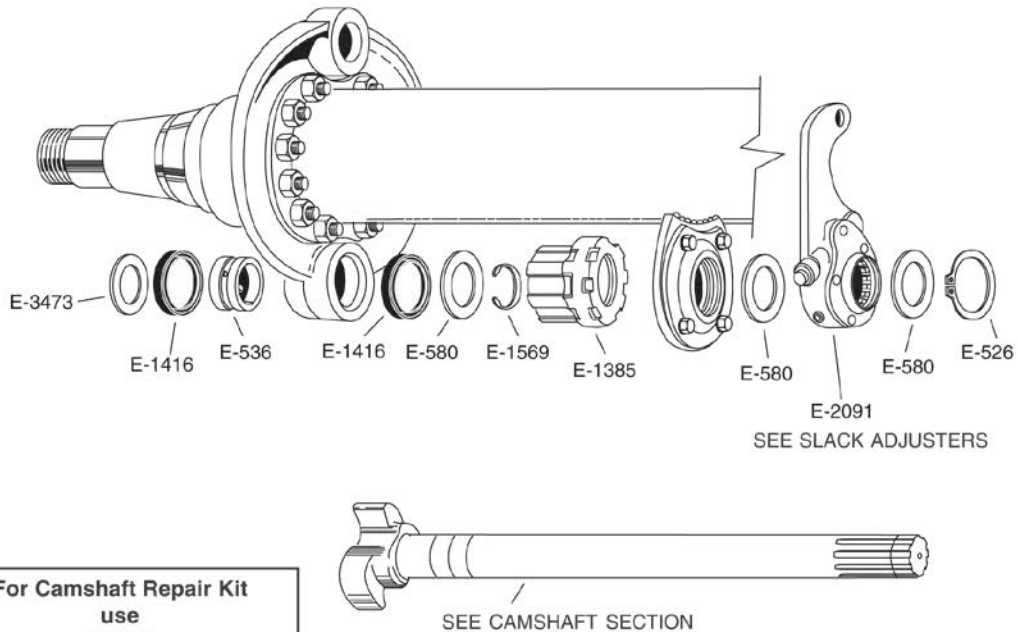
HUB CAPS, SPINDLE NUTS, SEALS & STUDS

PART NO.	PAGE NO.
E-03009	6-56
E-04000	6-56
E-540	6-37
E-572	6-37
E-573	6-40
E-975	6-56



CAMSHAFT, BUSHINGS & BRACKET PARTS

PART NO.	PAGE NO.
E-526	2-108
E-536	2-98
E-580	2-105
E-1385	2-99
E-1416	2-103
E-1569	2-108
E-2091	3-3
E-2494	2-70
E-2695	2-99
E-3473	2-106

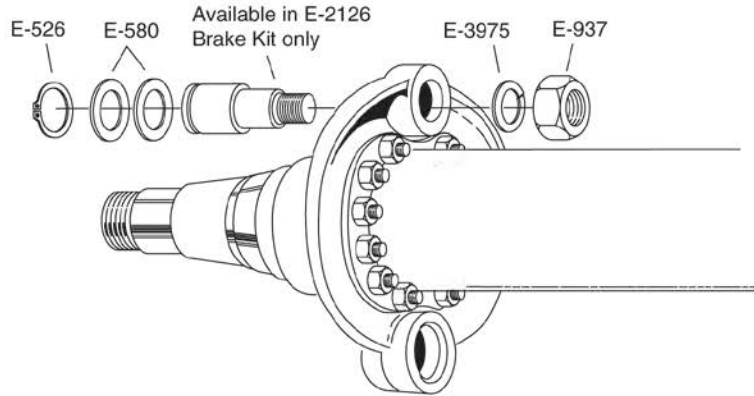


SERIES TRAILER AXLE WITH 12-1/4" DIAMETER BRAKES

Brake and
Wheel End

ANCHOR PIN VARIATIONS

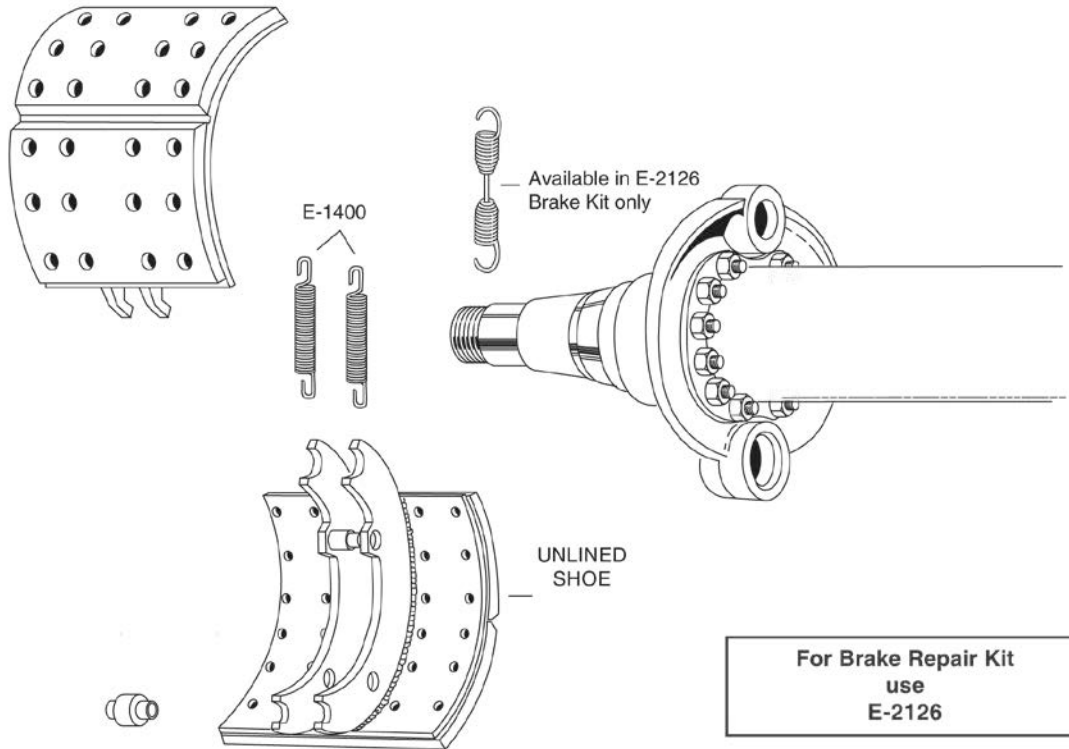
PART NO.	PAGE NO.
E-526	2-108
E-580	2-105
E-937	1-109
E-2126	1-75
E-3975	1-111



For Brake Repair Kit
use
E-2126

SHOES, ROLLERS & SPRINGS

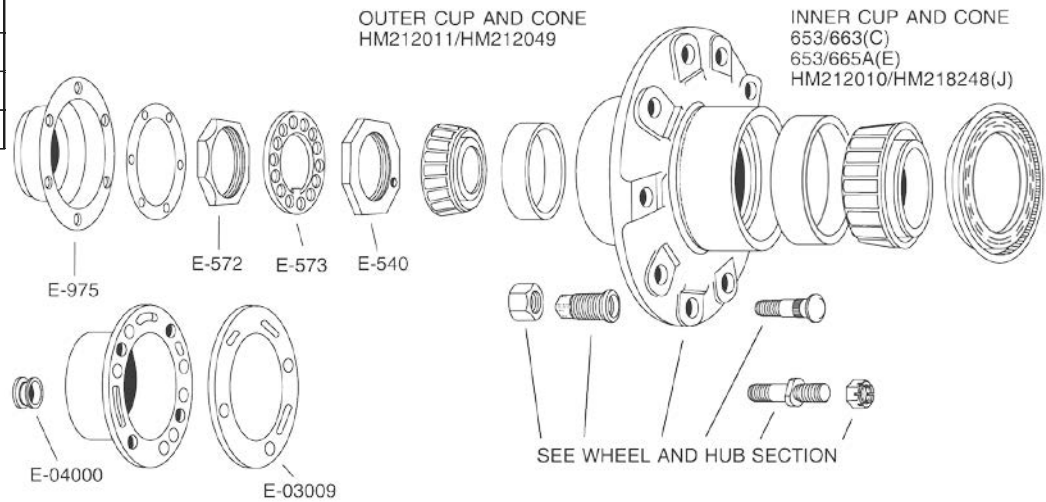
PART NO.	PAGE NO.
E-1400	1-114
E-2126	1-75



For Brake Repair Kit
use
E-2126

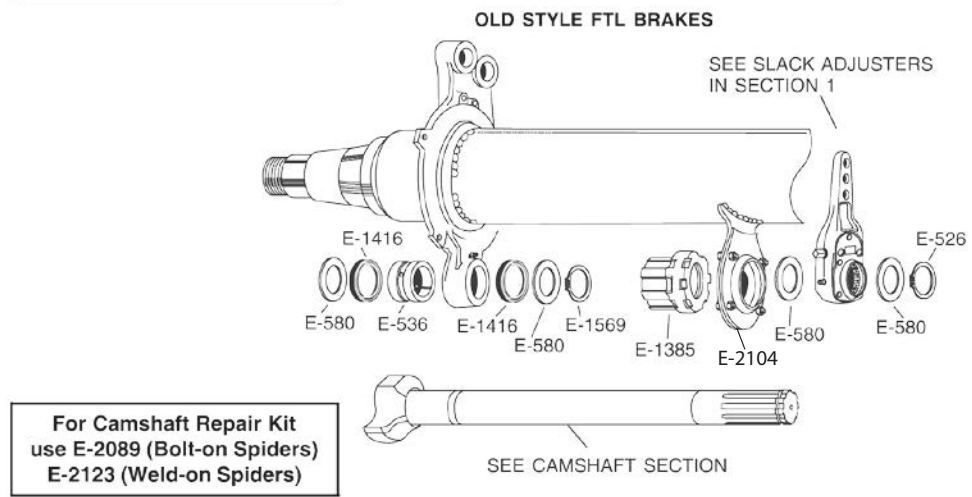
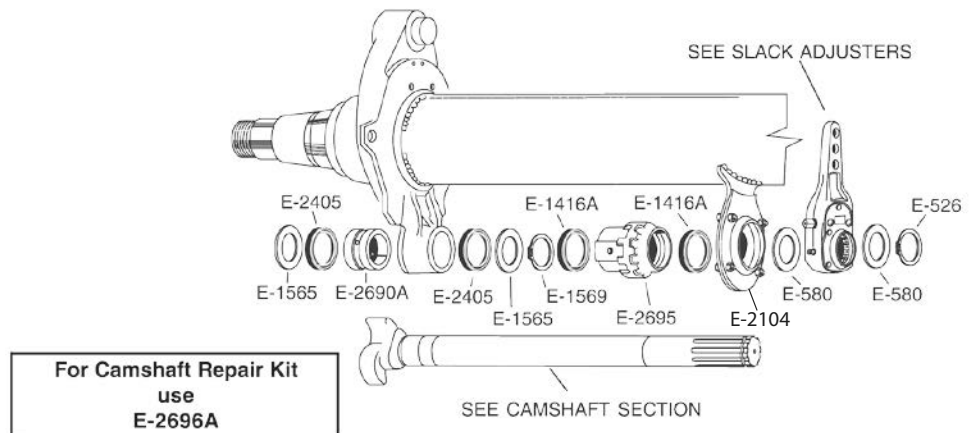
HUB CAPS, SPINDLE NUTS, SEALS & STUDS

PART NO.	PAGE NO.
E-03009	6-56
E-04000	6-56
E-540	6-37
E-572	6-37
E-573	6-40
E-975	6-56



CAMSHAFT, BUSHINGS & BRACKET PARTS - 501 SERIES CAMSHAFT PARTS

PART NO.	PAGE NO.
E-526	2-108
E-536	2-98
E-580	2-105
E-1385	2-99
E-1416	2-103
E-1416A	2-103
E-1565	2-106
E-1569	2-108
E-2089	2-80
E-2104	2-92
E-2123	2-81
E-2405	2-104
E-2690A	2-100
E-2695	2-99
E-2696A	2-84



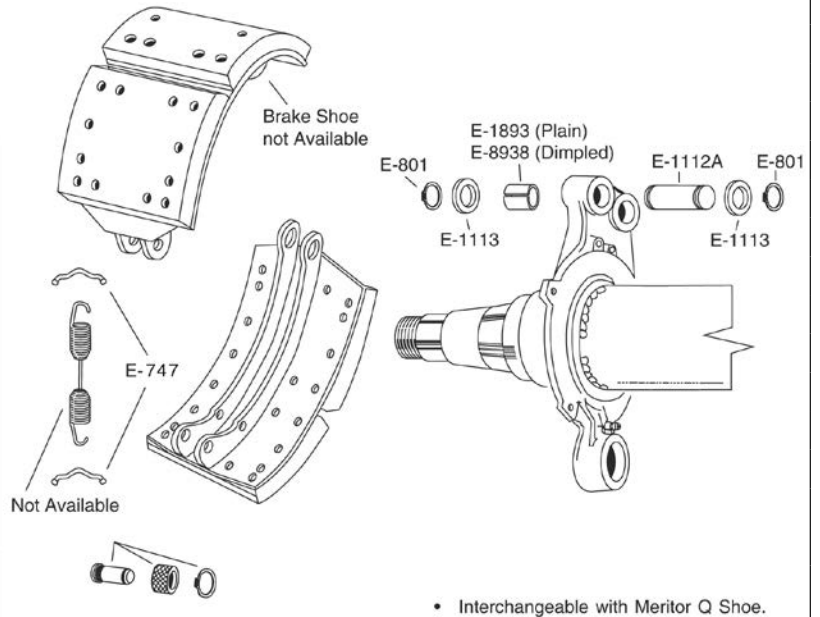
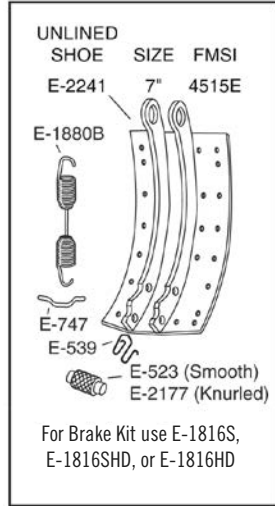
SERIES TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

Brake and
Wheel End

BRAKE HARDWARE

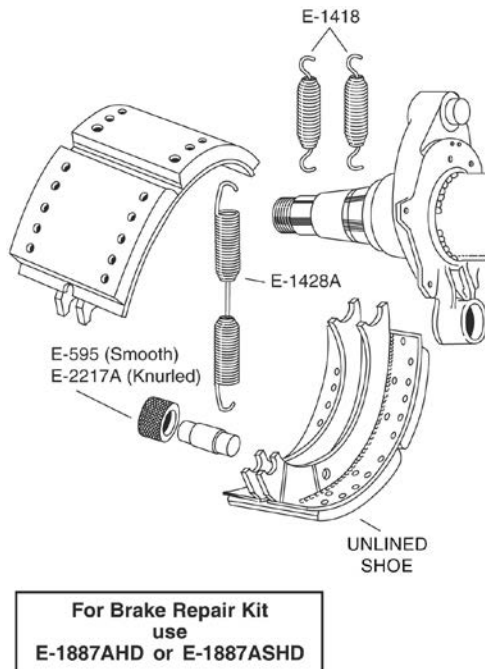
FTL SERIES DOUBLE ANCHOR PIN

PART NO.	PAGE NO.
E-523	1-101
E-539	1-110
E-747	1-119
E-801	1-108
E-1112A	1-104
E-1113	1-111
E-1816S	1-97
E-1816SHD	1-97
E-1816SHD	1-97
E-1880B	1-116
E-1893	1-113
E-2177	1-101
E-8938	1-113

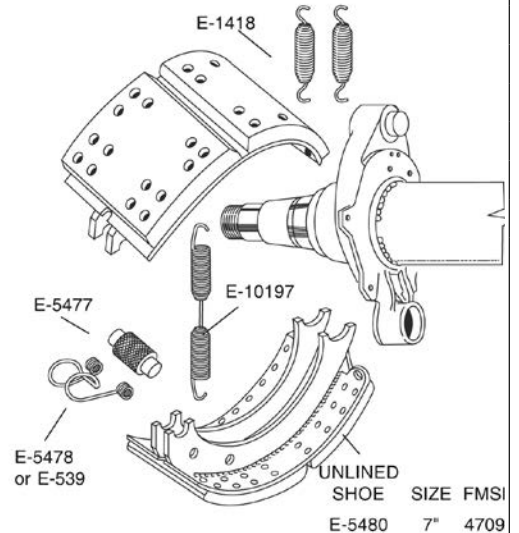


501 SERIES SINGLE ANCHOR PIN - ES EXTENDED SERVICE

PART NO.	PAGE NO.
E-539	1-110
E-595	1-102
E-1418	1-118
E-1428A	1-117
E-1887AHD	1-87
E-1887ASHD	1-87
E-2217A	1-102
E-5477	1-101
E-5478	1-110
E-5481A	1-85
E-10197	1-117

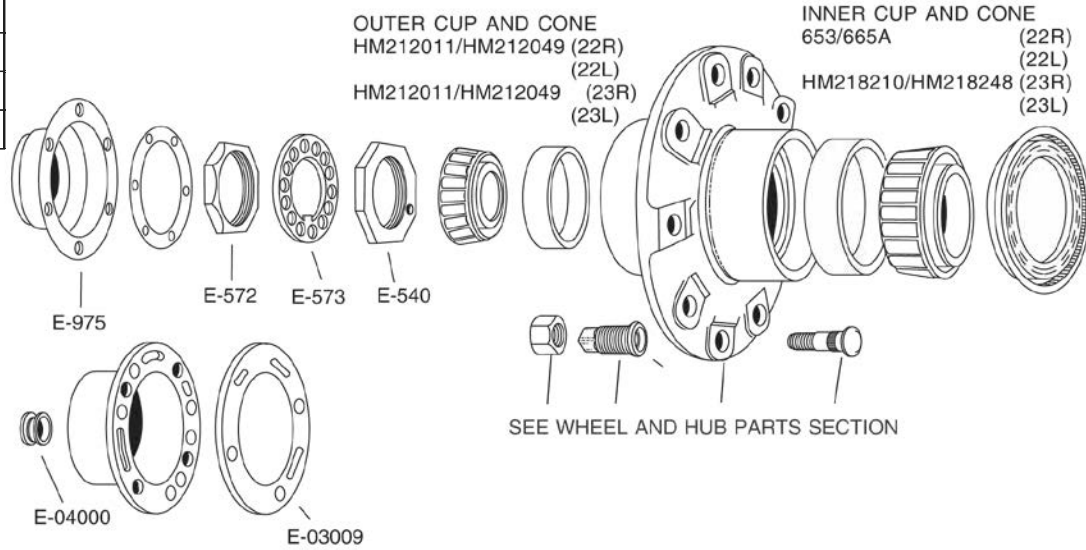


For Brake Repair Kit
use
E-5481A



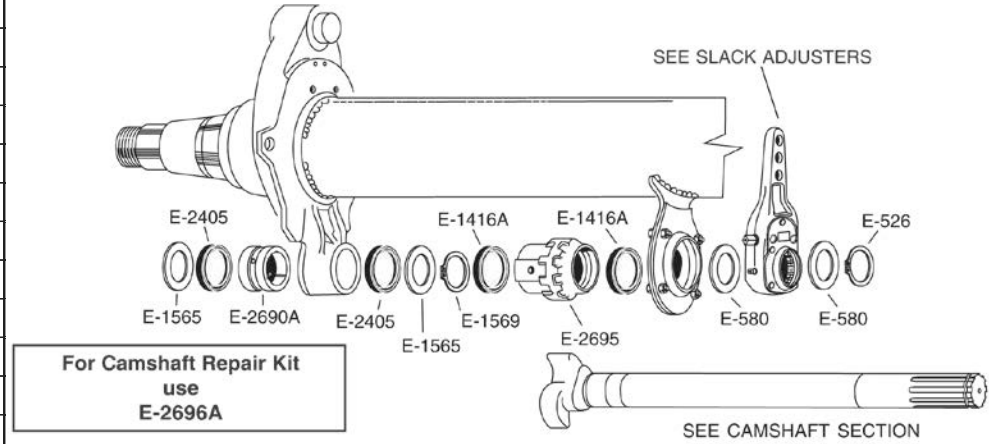
HUB CAPS, SPINDLE NUTS, SEALS & STUDS

PART NO.	PAGE NO.
E-03009	6-56
E-04000	6-56
E-540	6-37
E-572	6-37
E-573	6-40
E-975	6-56

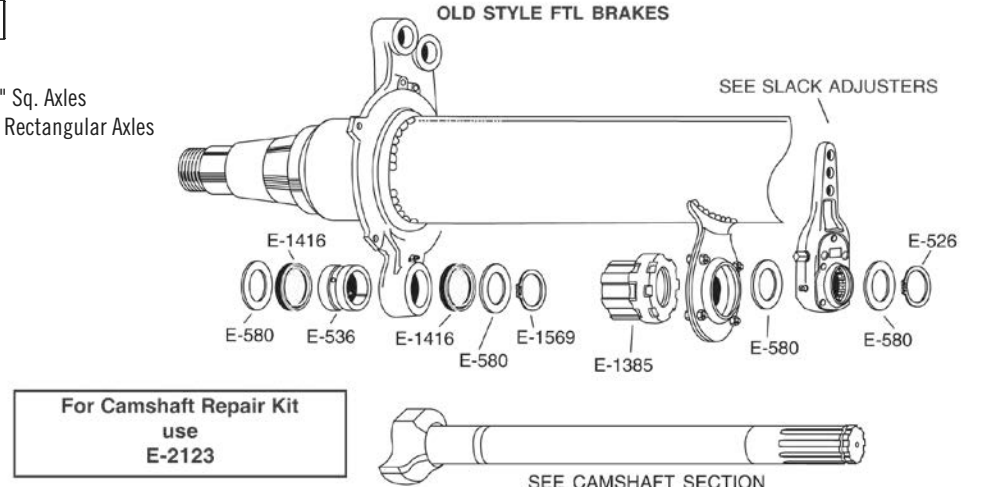


CAMSHAFT, BUSHINGS & BRACKET PARTS - 501 SERIES CAMSHAFT PARTS

PART NO.	PAGE NO.
E-526	2-108
E-536	2-98
E-580	2-105
E-1385	2-99
E-1416	2-103
E-1416A	2-103
E-1565	2-106
E-1569	2-108
E-2123	2-81
E-2405	2-104
E-2690A	2-100
E-2695	2-99
E-2696A	2-84



Note: R Axles are 5" x 5" Sq. Axles
L Axles are 4"x 6" Rectangular Axles



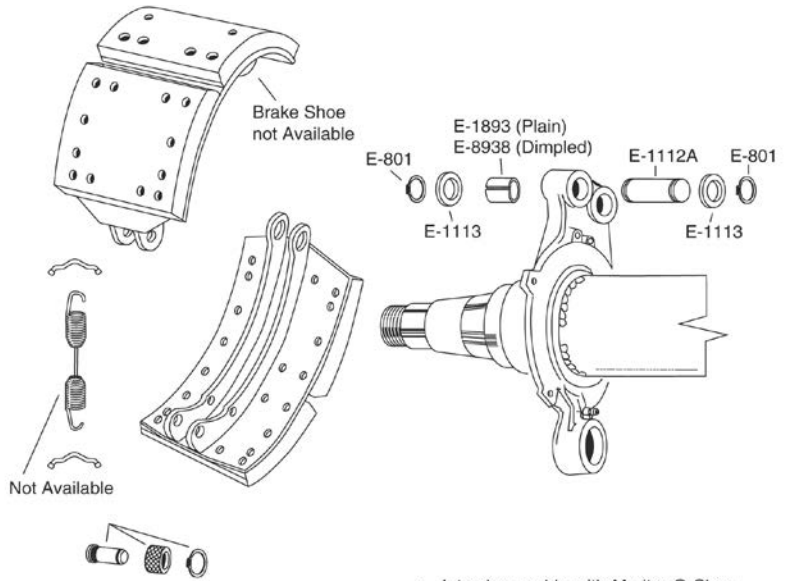
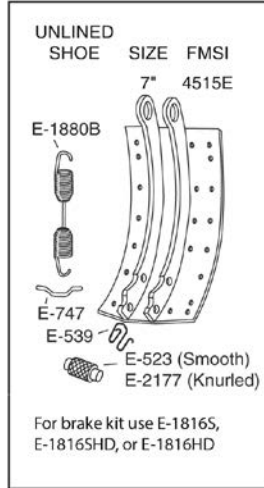
SERIES TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

Brake and
Wheel End

BRAKE HARDWARE

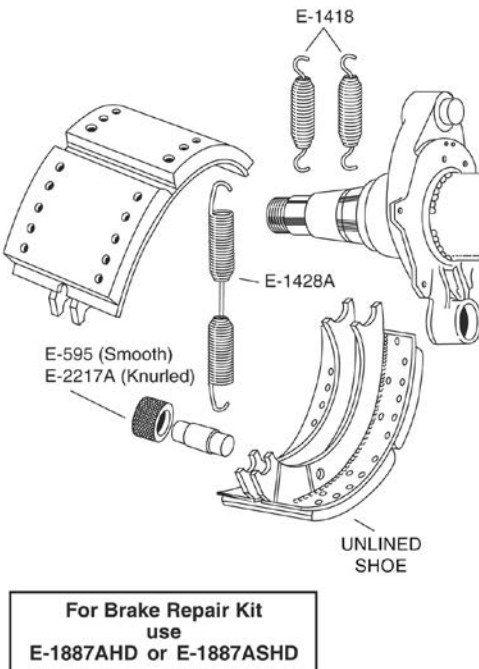
FTL SERIES DOUBLE ANCHOR PIN

PART NO.	PAGE NO.
E-523	1-101
E-539	1-110
E-747	1-119
E-801	1-108
E-1112A	1-104
E-1113	1-111
E-1880B	1-116
E-1893	1-113
E-2177	1-101
E-8938	1-113

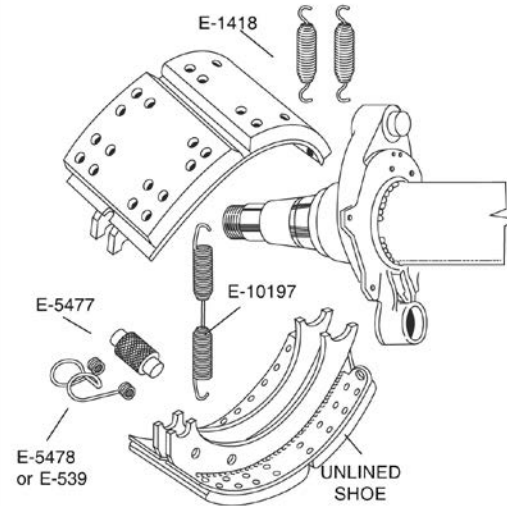


501 SERIES SINGLE ANCHOR PIN - ES EXTENDED SERVICE

PART NO.	PAGE NO.
E-539	1-110
E-595	1-102
E-1418	1-118
E-1428A	1-117
E-1887AHD	1-87
E-1887ASHD	1-87
E-2217A	1-102
E-5477	1-101
E-5478	1-110
E-5481A	1-85
E-10197	1-117



For Brake Repair Kit
use
E-5481A

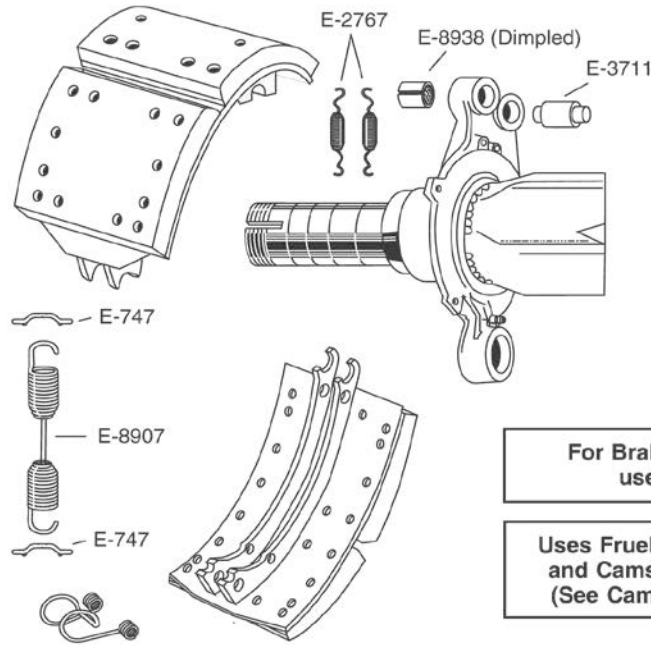


EATON TOP SPEC ES RETROFIT FOR FRUEHAUF 16-1/2" DIAMETER XEM BRAKES

BRAKE HARDWARE

XEM BRAKES

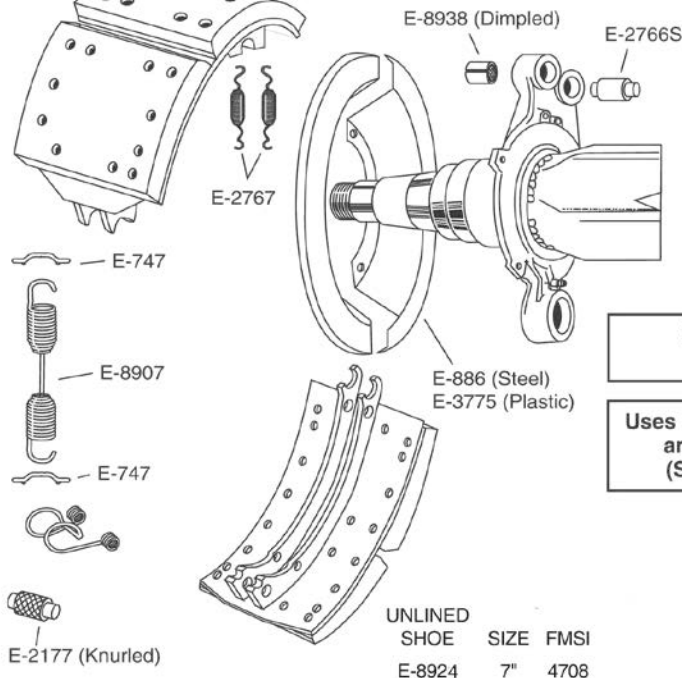
PART NO.	PAGE NO.
E-747	1-119
E-2177	1-101
E-2767	1-118
E-3711	1-104
E-8907	1-116
E-8923	1-88
E-8938	1-113



EATON TOP SPEC ES RETROFIT FOR MERITOR 16-1/2" DIAMETER Q BRAKES

Q BRAKES

PART NO.	PAGE NO.
E-747	1-119
E-886	1-129
E-2177	1-101
E-2766S	1-104
E-2767	1-118
E-3775	1-129
E-8907	1-116
E-8924	1-125
E-8925	1-88
E-8938	1-113



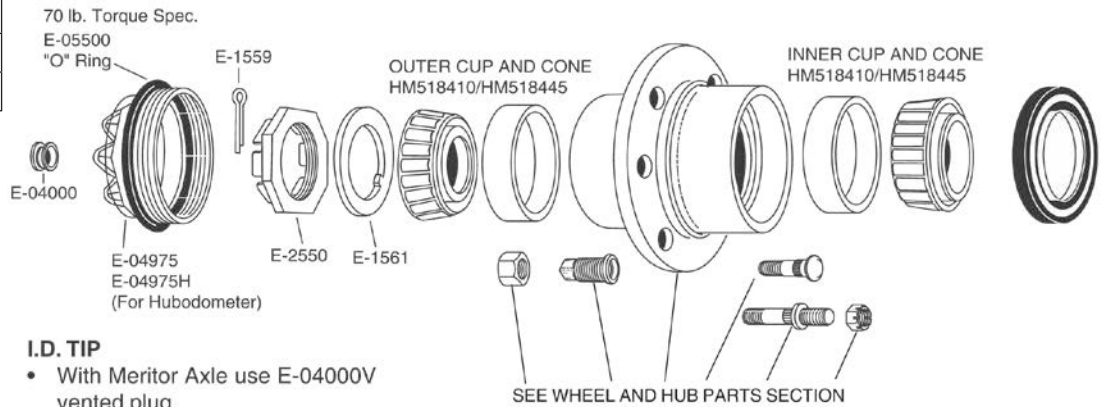
PARTS FOR FRUEHAUF PRO-PAR® TRAILER AXLE WITH 12-1/4" DIAMETER BRAKES

Brake and
Wheel End

BRAKE HARDWARE

HUB CAPS, SPINDLE NUTS, SEALS & STUDS

PART NO.	PAGE NO.
E-04000	6-56
E-04975	6-56
E-04975H	6-56
E-05500	6-56
E-1559	6-36
E-1561	6-36



I.D. TIP

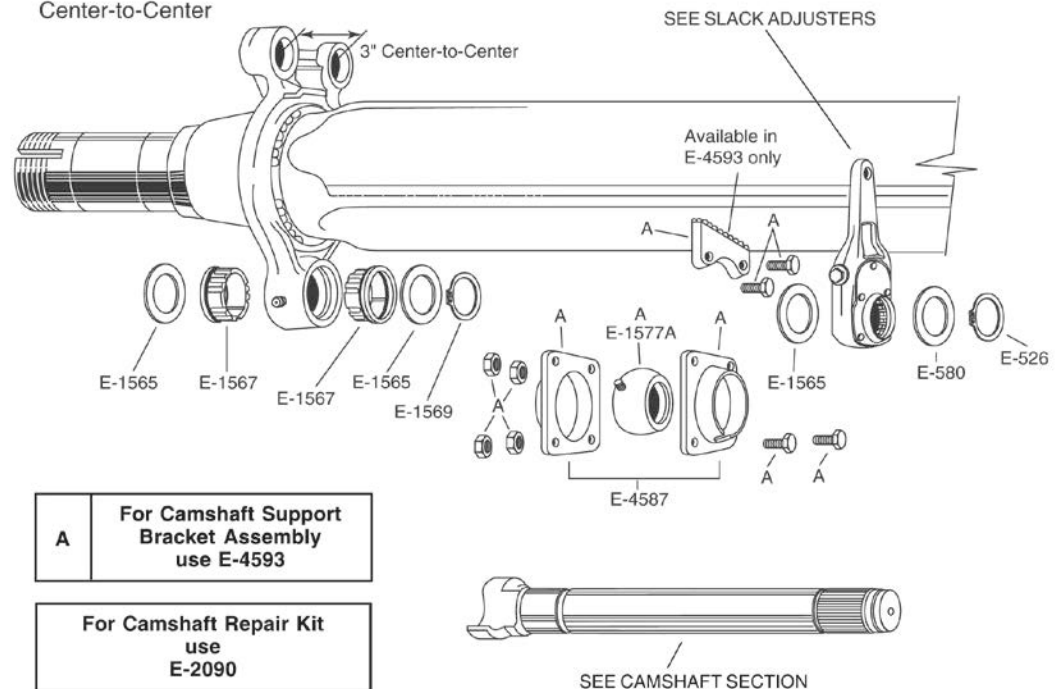
- With Meritor Axle use E-04000V vented plug.

CAMSHAFT, BUSHINGS & BRACKET PARTS

PART NO.	PAGE NO.
E-526	2-108
E-580	2-105
E-1565	2-106
E-1567	2-100
E-1569	2-108
E-1577A	2-100
E-2090	2-80
E-4587	2-95
E-4593	2-95

I.D. TIP

- Fruehauf 3" Center-to-Center



A For Camshaft Support Bracket Assembly use E-4593

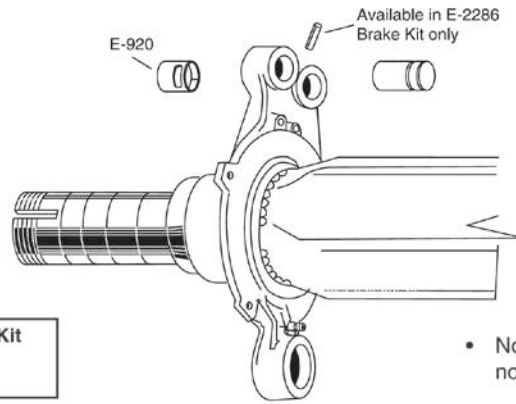
For Camshaft Repair Kit use E-2090

PARTS FOR FRUEHAUF PRO-PAR® TRAILER AXLE WITH 12-1/4" DIAMETER BRAKES

BRAKE HARDWARE

ANCHOR PIN HARDWARE

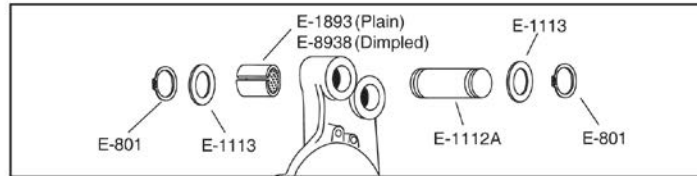
PART NO.	PAGE NO.
E-801	1-108
E-920	1-113
E-1112A	1-104
E-1113	1-111
E-1893	1-113
E-2286	1-75
E-8938	1-113



For Brake Repair Kit
use
E-2286

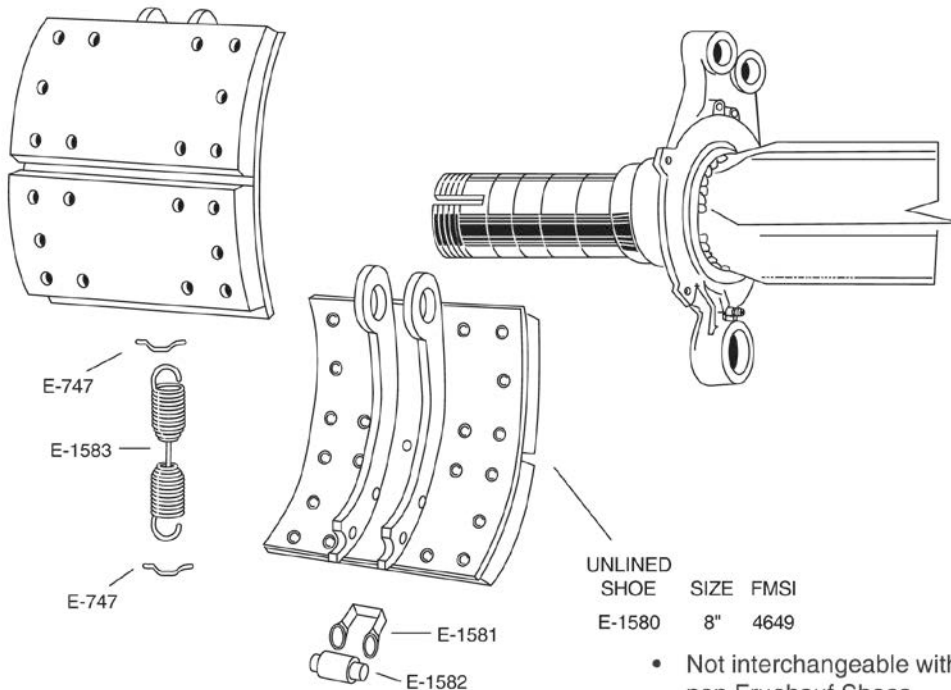
- Not interchangeable with non Fruehauf Shoes

ALTERNATE ANCHOR PIN HARDWARE



SHOES, ROLLER & SPRING

PART NO.	PAGE NO.
E-747	1-119
E-1580	1-123
E-1581	1-110
E-1582	1-101
E-1583	1-114



- Not interchangeable with non Fruehauf Shoes

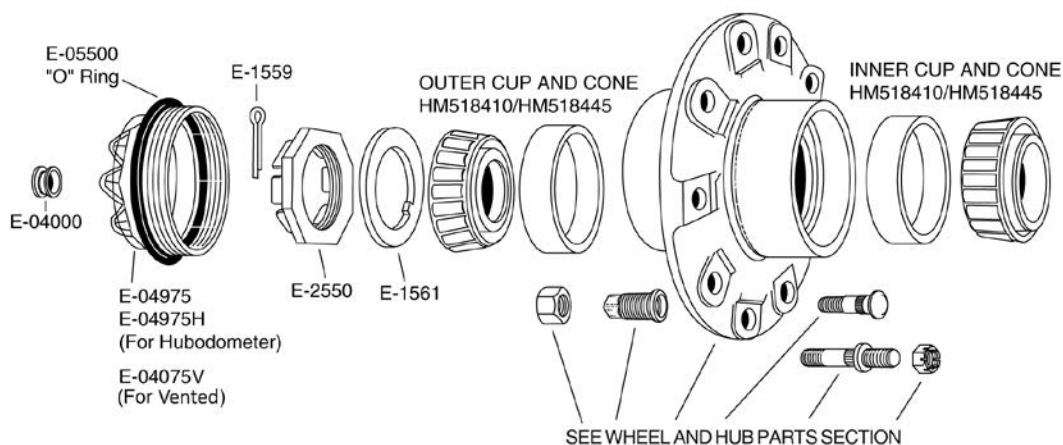
PARTS FOR FRUEHAUF PRO-PAR® TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

Brake and
Wheel End

BRAKE HARDWARE

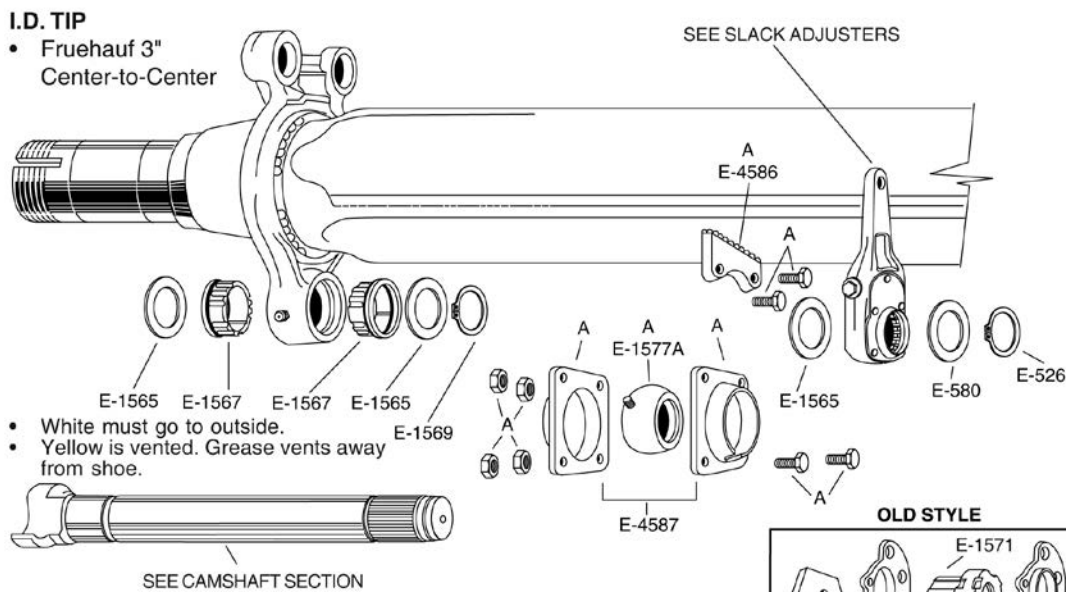
HUB CAPS, SPINDLE NUTS, SEALS & STUDS

PART NO.	PAGE NO.
E-04000	6-56
E-04975	6-56
E-04975H	6-56
E-05500	6-56
E-1559	6-36
E-1561	6-36
E-2550	6-36



CAMSHAFT, BUSHINGS & BRACKET PARTS

PART NO.	PAGE NO.
E-526	2-108
E-580	2-105
E-1565	2-106
E-1567	2-100
E-1569	2-108
E-1571	2-100
E-1577A	2-100
E-2090	2-80
E-2122	2-80
E-4586	2-95
E-4587	2-95
E-4594	2-95



- White must go to outside.
- Yellow is vented. Grease vents away from shoe.

**For Camshaft Repair Kit
use E-2090
E-2122 (Old Style)**

**A For Camshaft Support
Bracket Assembly
use E-4594**



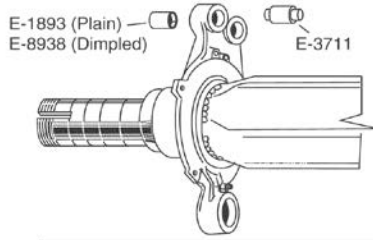
Note: 5" Sq. Axle
For old style cut-off old style bracket and weld on E-4586 bracket shown

PARTS FOR FRUEHAUF PRO-PAR® TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

ANCHOR PIN HARDWARE

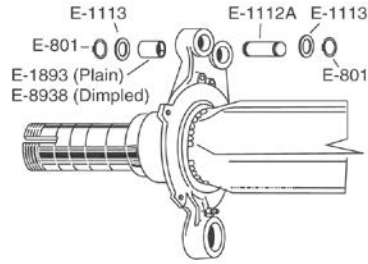
PART NO.	PAGE NO.
E-801	1-108
E-920	1-113
E-1112A	1-104
E-1113	1-111
E-1816HD	1-97
E-1816S	1-97
E-1816SHD	1-97
E-1893	1-113
E-2121	1-88
E-2121HD	1-89
E-2778	1-126
E-3710HD	1-89
E-3710SHD	1-90
E-3711	1-104
E-3895S	1-96
E-3895SHD	1-96
E-8938	1-113
E-9061	1-104
E-9142	1-91

NEW "XEM" ANCHOR PIN HARDWARE



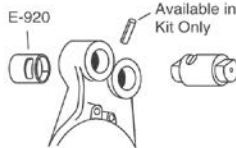
For Brake Repair Kit use E-3710HD, E-3710S
E-3710SHD, E-3895S, E-3895SHD

STD. ANCHOR PIN HARDWARE



For Brake Repair Kit use E-1816HD, E-1816S,
E-1816SHD

OLD STYLE "XEM" BRAKE



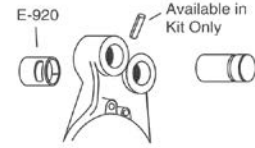
ECCENTRIC ANCHOR PIN BRAKE

Uses Meritor "Q" Style Shoes



Use Brake Repair Kit E-9142

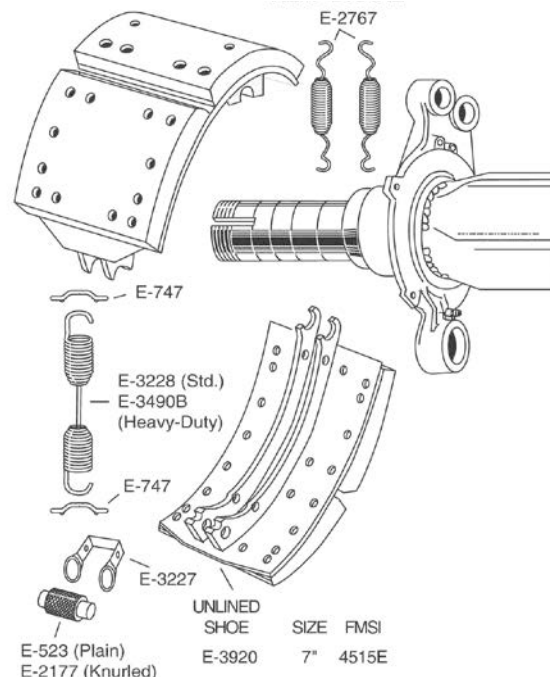
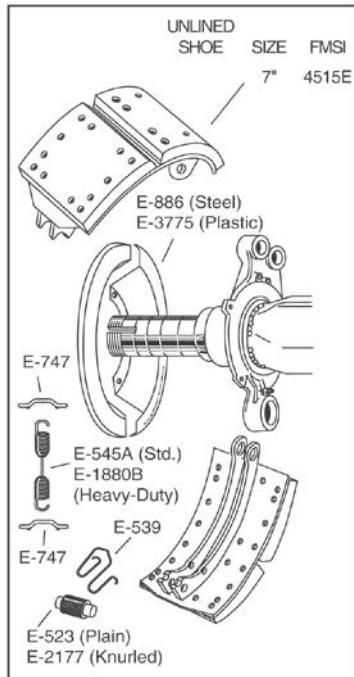
OLD STYLE ANCHOR PIN BRAKE



Use Brake Repair Kit KIT-5,
E-2121 or E-2121HD

SHOES, ROLLERS, SPRING & DUST SHIELD

PART NO.	PAGE NO.
E-523	1-101
E-539	1-110
E-545A	1-116
E-747	1-119
E-886	1-129
E-1880B	1-116
E-2177	1-101
E-2767	1-118
E-3227	1-110
E-3228	1-116
E-3490B	1-116
E-3775	1-129
E-3920	1-125



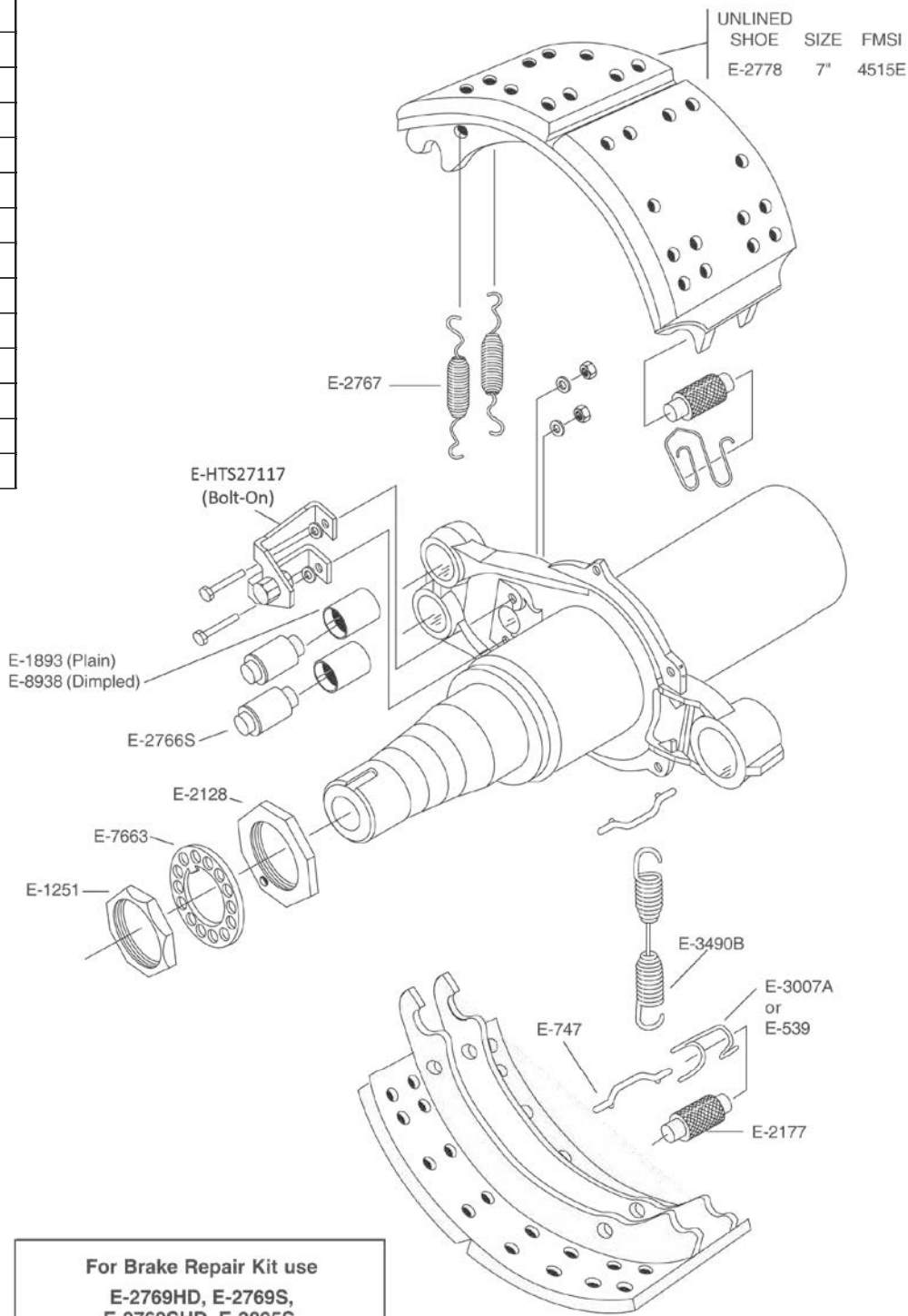
PARTS FOR HENDRICKSON INTRAAX® TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

Brake and
Wheel End

BRAKE HARDWARE

BRAKE COMPONENTS

PART NO.	PAGE NO.
E-539	1-110
E-747	1-119
E-1893	1-113
E-2128	6-37
E-2177	1-101
E-2766S	1-104
E-2767	1-118
E-2769HD	1-92
E-2769S	1-92
E-2769SHD	1-92
E-2778	1-126
E-3007A	1-110
E-3490B	1-116
E-3895S	1-96
E-3895SHD	1-96
E-7663	6-38
E-8938	1-113



For Brake Repair Kit use
E-2769HD, E-2769S,
E-2769SHD, E-3895S,
E-3895SHD

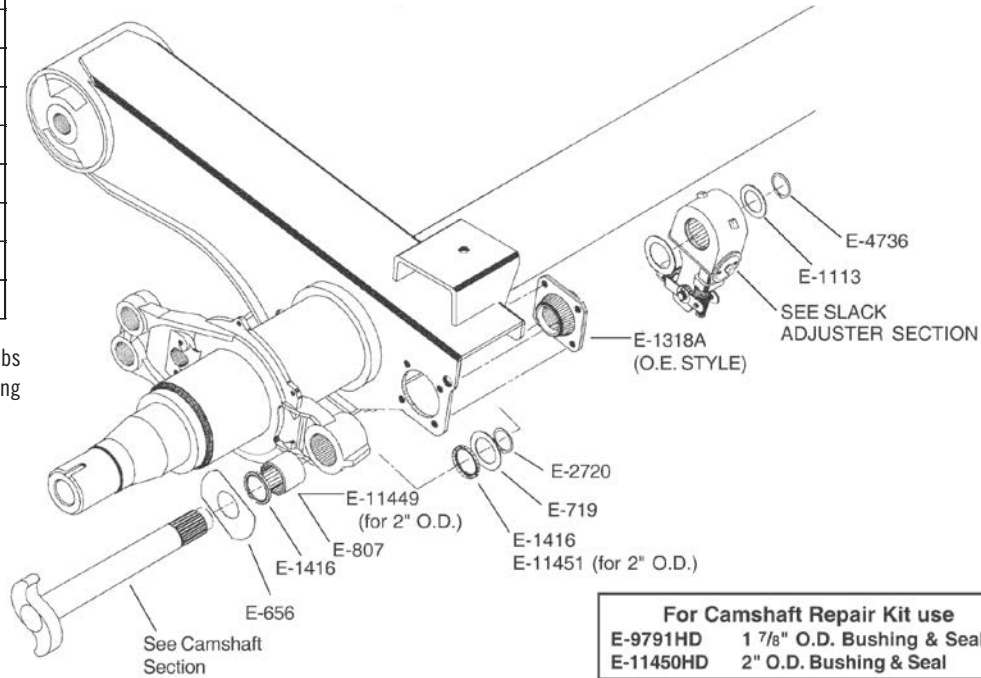
PARTS FOR HENDRICKSON INTRAAX® TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

BRAKE HARDWARE

CAMSHAFT, BUSHINGS & BRACKET PARTS - OLD STYLE, EXPOSED CAM

PART NO.	PAGE NO.
E-656	2-107
E-719	2-106
E-807	2-98
E-1113	1-111
E-1318A	2-94
E-1416	2-103
E-2720	2-108
E-4736	2-108
E-9791HD	2-91
E-11449	2-99
E-11450HD	2-77
E-11451	2-103

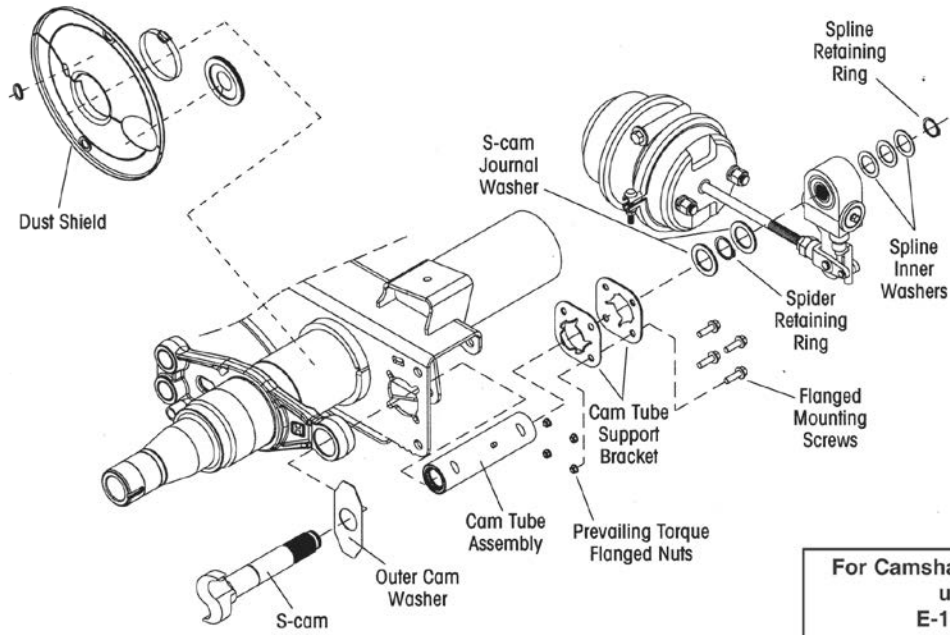
Note: Bend over washer tabs to stop washer from rotating



For Camshaft Repair Kit use
 E-9791HD 1 7/8" O.D. Bushing & Seal
 E-11450HD 2" O.D. Bushing & Seal

CAMSHAFT, BUSHINGS & BRACKET PARTS - NEW STYLE, ENCLOSED CAM TUBE

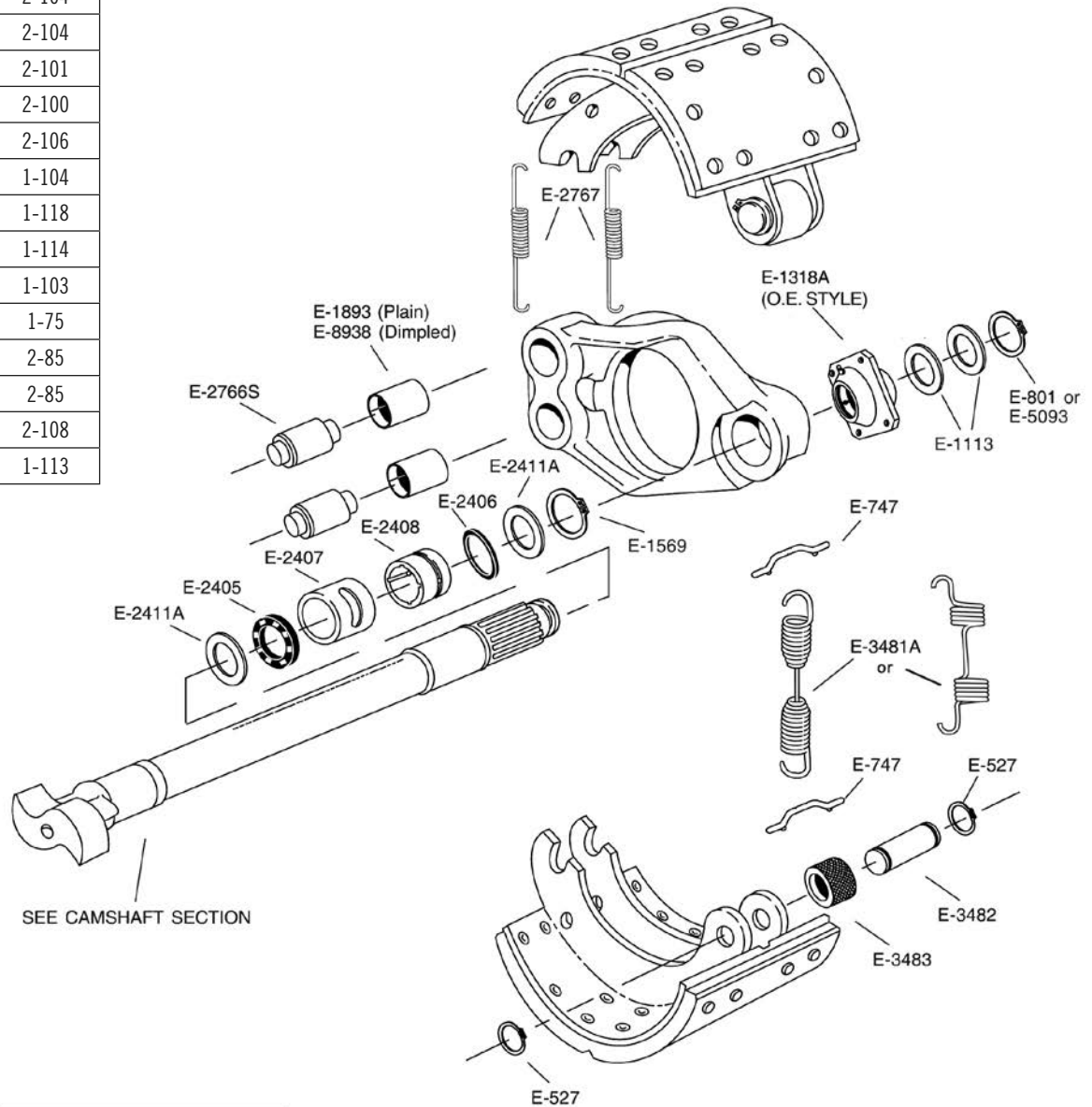
PART NO.	PAGE NO.
E-11897	2-77



For Camshaft Repair Kit use
 E-11897

TRAILER AXLE BRAKE

PART NO.	PAGE NO.
E-527	1-107
E-747	1-119
E-801	1-108
E-1113	1-111
E-1318A	2-94
E-1569	2-108
E-1893	1-113
E-2405	2-104
E-2406	2-104
E-2407	2-101
E-2408	2-100
E-2411A	2-106
E-2766S	1-104
E-2767	1-118
E-3481A	1-114
E-3482	1-103
E-3484	1-75
E-3520A	2-85
E-3520AHD	2-85
E-5093	2-108
E-8938	1-113



For Brake Repair Kit use E-3484

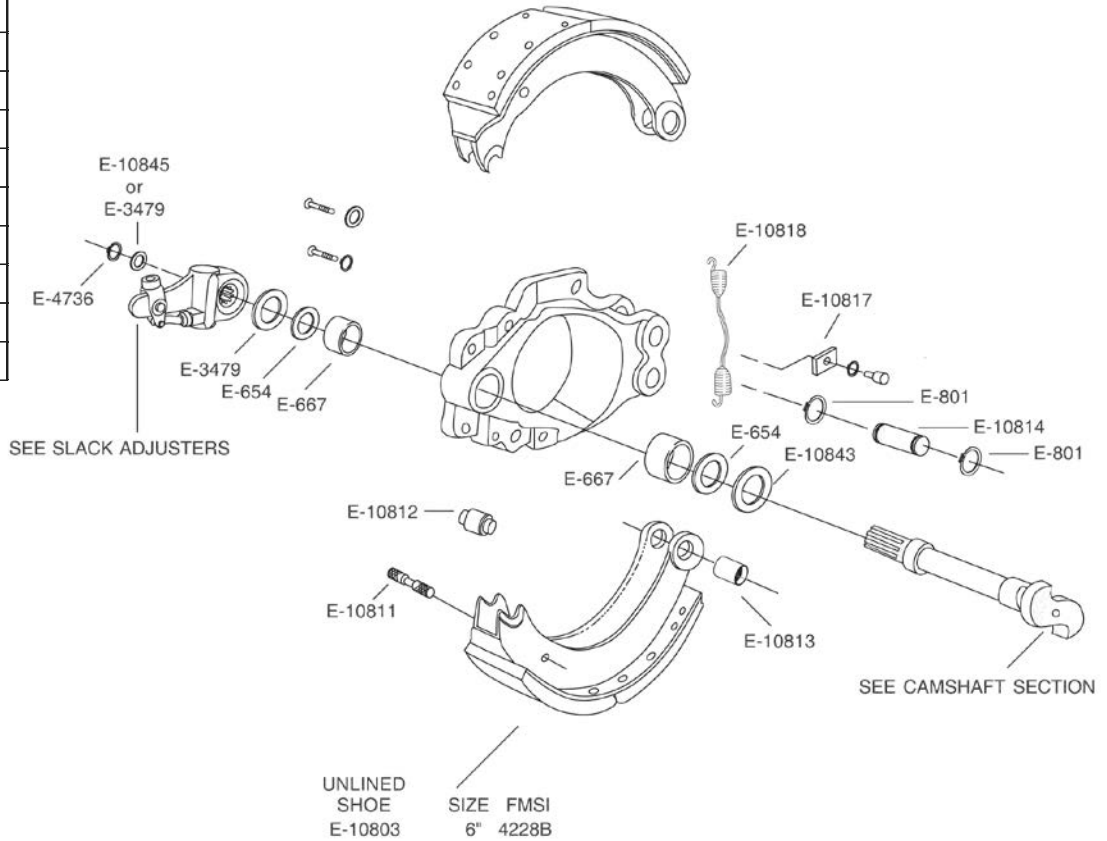
For Camshaft Repair Kit use E-3520AHD (with Improved E-1318AHD) E-3520A (with O.E. Style E-1318A)

Note on E-3484
E-3481A applies to brake spiders on trailer axles made before August 2019

New style applies to brake spider on trailer axles made after August 2019

STEER AXLE BRAKE

PART NO.	PAGE NO.
E-654	2-104
E-667	2-71
E-801	1-108
E-3479	2-106
E-4736	2-108
E-10803	1-124
E-10811	1-119
E-10812	1-101
E-10813	1-112
E-10814	1-105
E-10817	1-111
E-10818	1-114
E-10841-A	1-79
E-10843	2-107
E-10845	2-105
E-10846	2-71

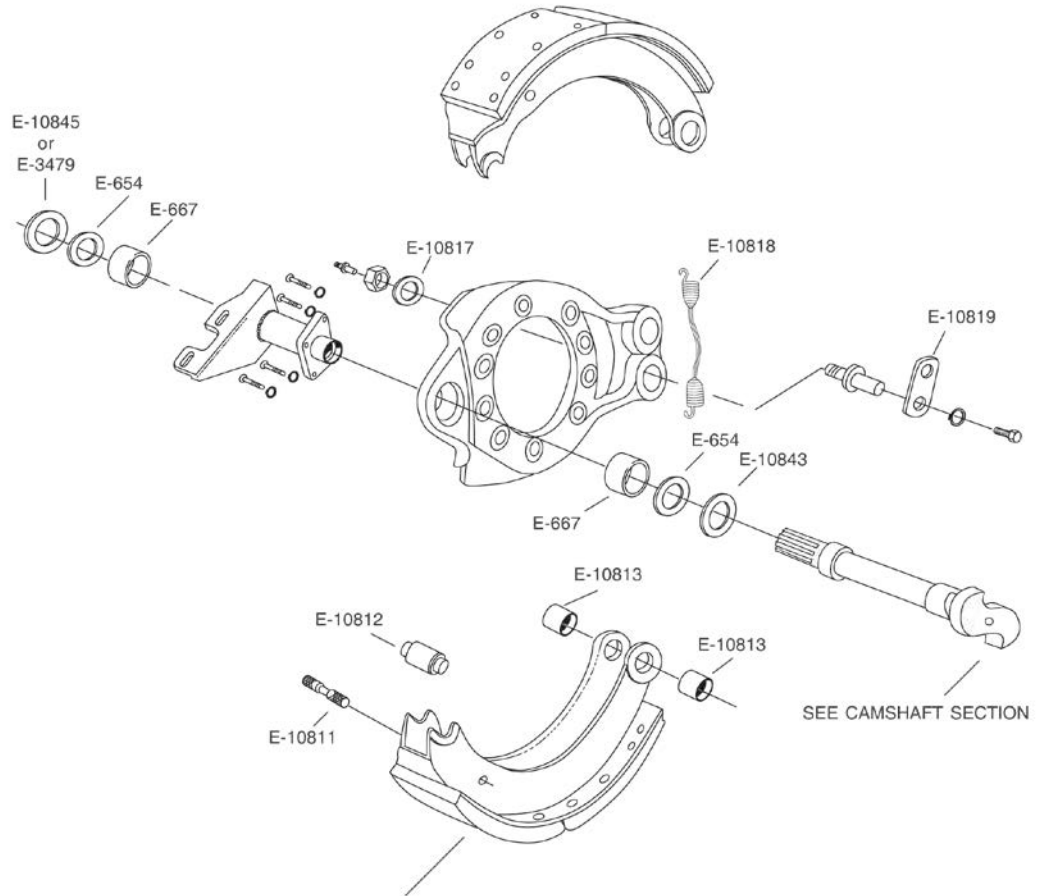


For Brake Repair Kit
use
E-10841-A

For Camshaft Repair Kit
use
E-10846

STEER AXLE COACH BRAKE

PART NO.	PAGE NO.
E-654	2-104
E-667	2-71
E-3479	2-106
E-4736	2-108
E-10804	1-124
E-10811	1-119
E-10812	1-101
E-10813	1-112
E-10814	1-105
E-10817	1-111
E-10818	1-114
E-10819	1-109
E-10843	2-107
E-10846	2-71
E-10866-A	1-79



UNLINED
SHOE SIZE FMSI
E-10804 5" 4398B

For Brake Repair Kit
use
E-10866A

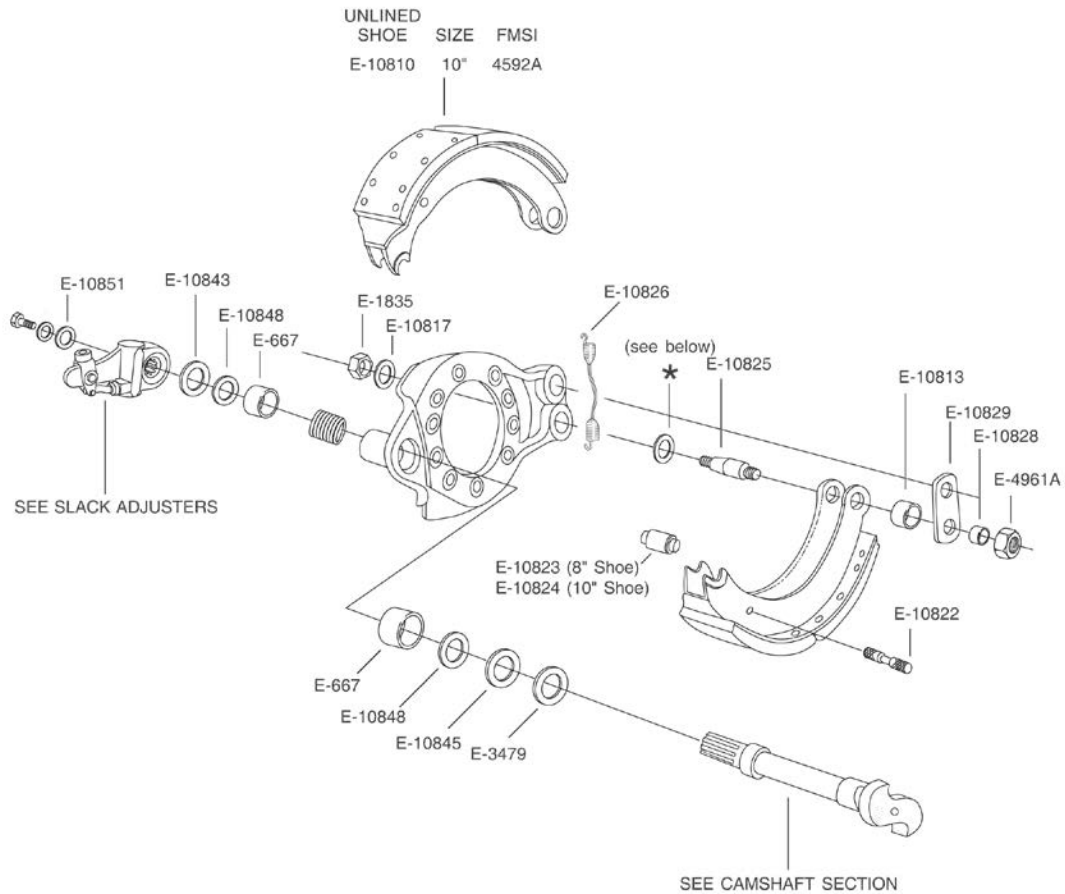
For Camshaft Repair Kit
use
E-10846

DRIVE AXLE COACH BRAKE - TYPE 1

PART NO.	PAGE NO.
E-667	2-71
E-1113	1-111
E-1835	6-5
E-3479	2-106
E-4961A	1-109
E-5095	2-105
E-10810	1-124
E-10813	1-112
E-10817	1-111
E-10822	1-119
E-10823	1-101
E-10824	1-101
E-10825	1-105
E-10826	1-114
E-10828	1-113
E-10829	1-109
E-10831	1-111
E-10832	1-111
E-10833	1-111
E-10843	2-107
E-10845	2-105
E-10848	2-104
E-10851	2-105
E-10867	1-78
E-10869	1-78

I.D. TIP

- Spring unique to Meritor 14 1/2" x 8" & 10" Brake



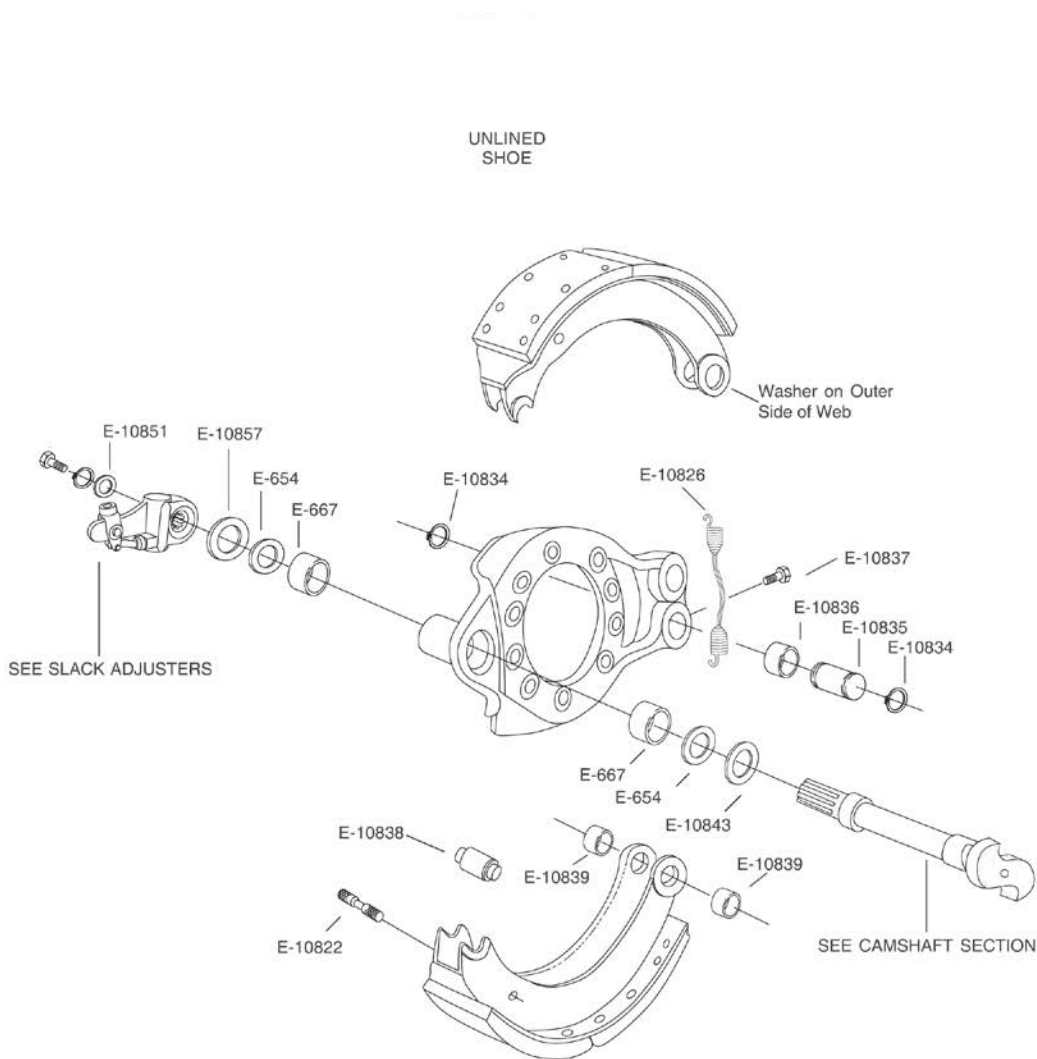
For Brake Repair Kit use	
8" Shoe	E-10867
10" Shoe	E-10869

*PART NUMBERS	THICKNESS
E-5095	1/32"
E-1113	1/16"
E-10831	3/32"
E-10832	1/8"
E-10833	5/32"

* Not Sold Separately

DRIVE AXLE COACH BRAKE - TYPE 2

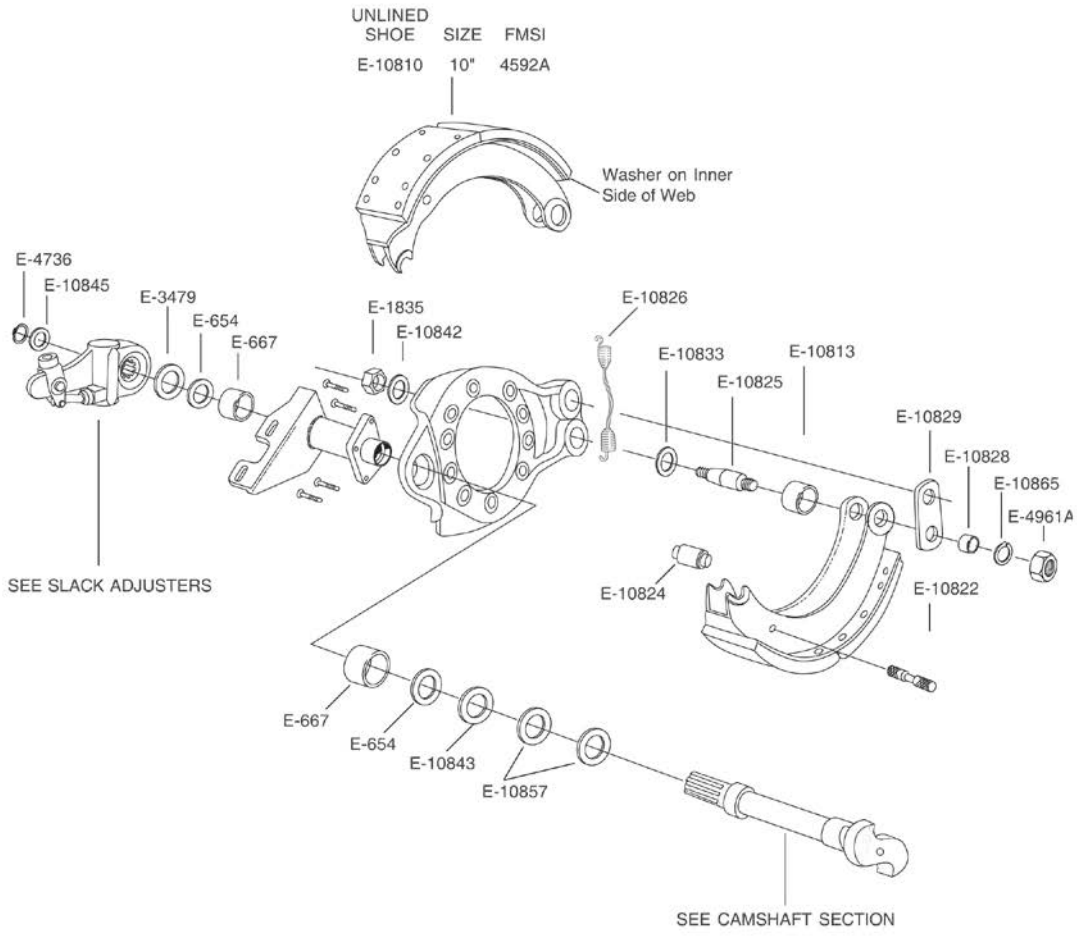
PART NO.	PAGE NO.
E-654	2-104
E-667	2-71
E-10822	1-119
E-10826	1-114
E-10834	1-108
E-10835	1-105
E-10836	1-113
E-10839	1-112
E-10843	2-107
E-10851	2-105
E-10857	2-107
E-10870	1-79



For Brake Repair Kit
use
E-10870

DRIVE AXLE COACH BRAKE - TYPE 3

PART NO.	PAGE NO.
E-654	2-104
E-667	2-71
E-1835	6-5
E-3479	2-106
E-4736	2-108
E-4961A	1-109
E-10810	1-124
E-10813	1-112
E-10822	1-119
E-10824	1-101
E-10825	1-105
E-10826	1-114
E-10828	1-113
E-10829	1-109
E-10833	1-111
E-10842	1-111
E-10843	2-107
E-10845	2-105
E-10857	2-107
E-10865	1-111
E-10869	1-78
E-10872	2-71

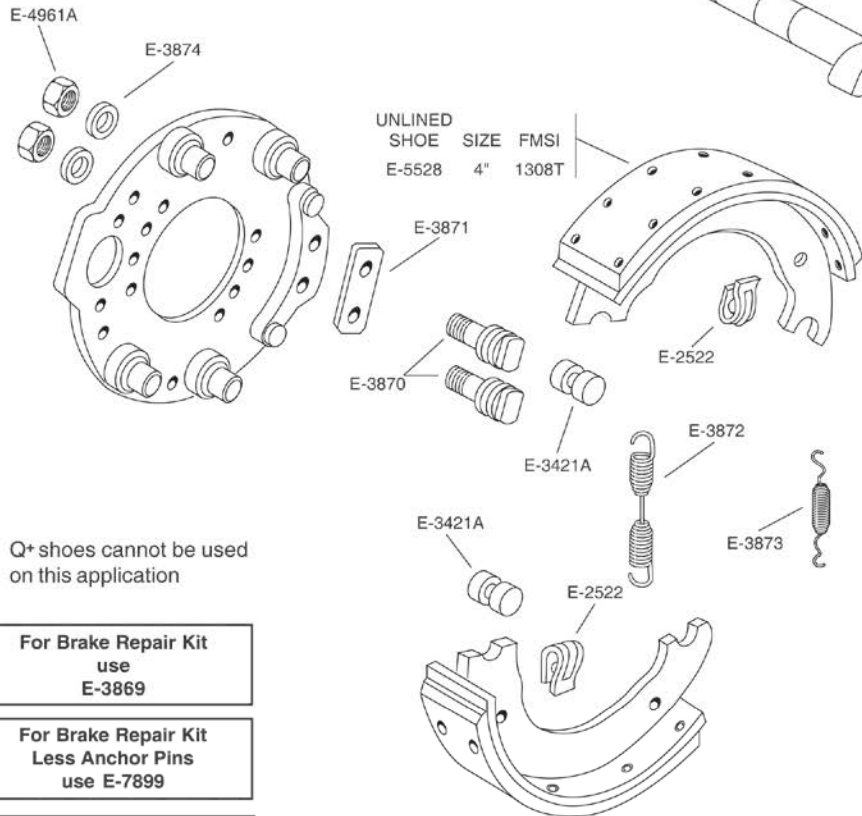
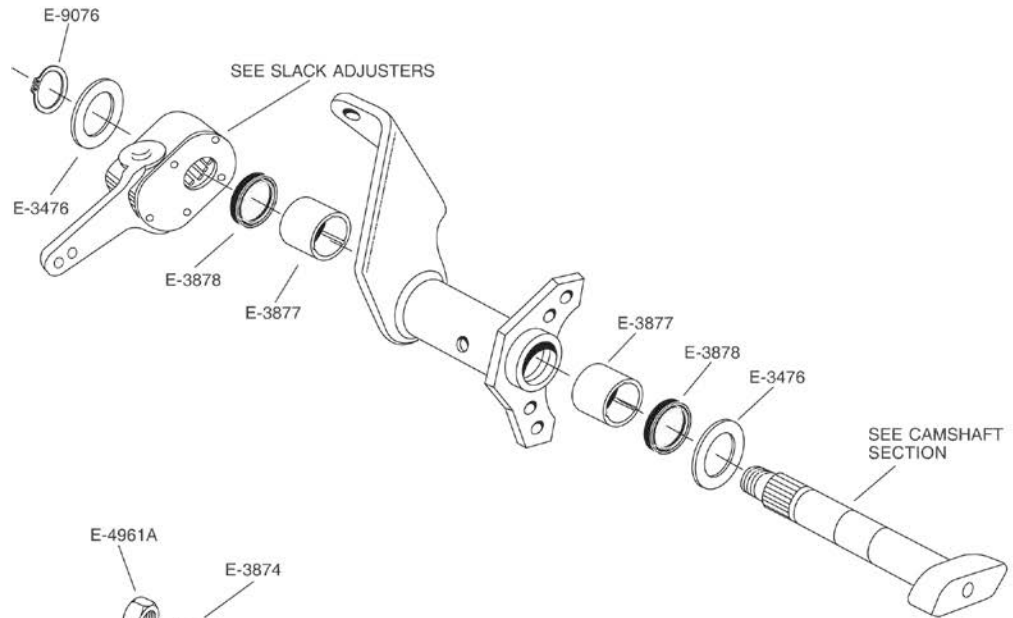


For Brake Repair Kit
use
E-10869

For Camshaft Repair Kit
use
E-10872

STEER AXLE BRAKE

PART NO.	PAGE NO.
E-2522	5-9
E-3421A	1-101
E-3476	2-106
E-3869	1-81
E-3870	1-106
E-3871	1-109
E-3872	1-115
E-3873	1-118
E-3874	1-111
E-3876	2-75
E-3877	2-97
E-3878	2-103
E-4961A	1-109
E-5528	1-124
E-7899	1-81
E-9076	2-108



- Q+ shoes cannot be used on this application

For Brake Repair Kit
use
E-3869

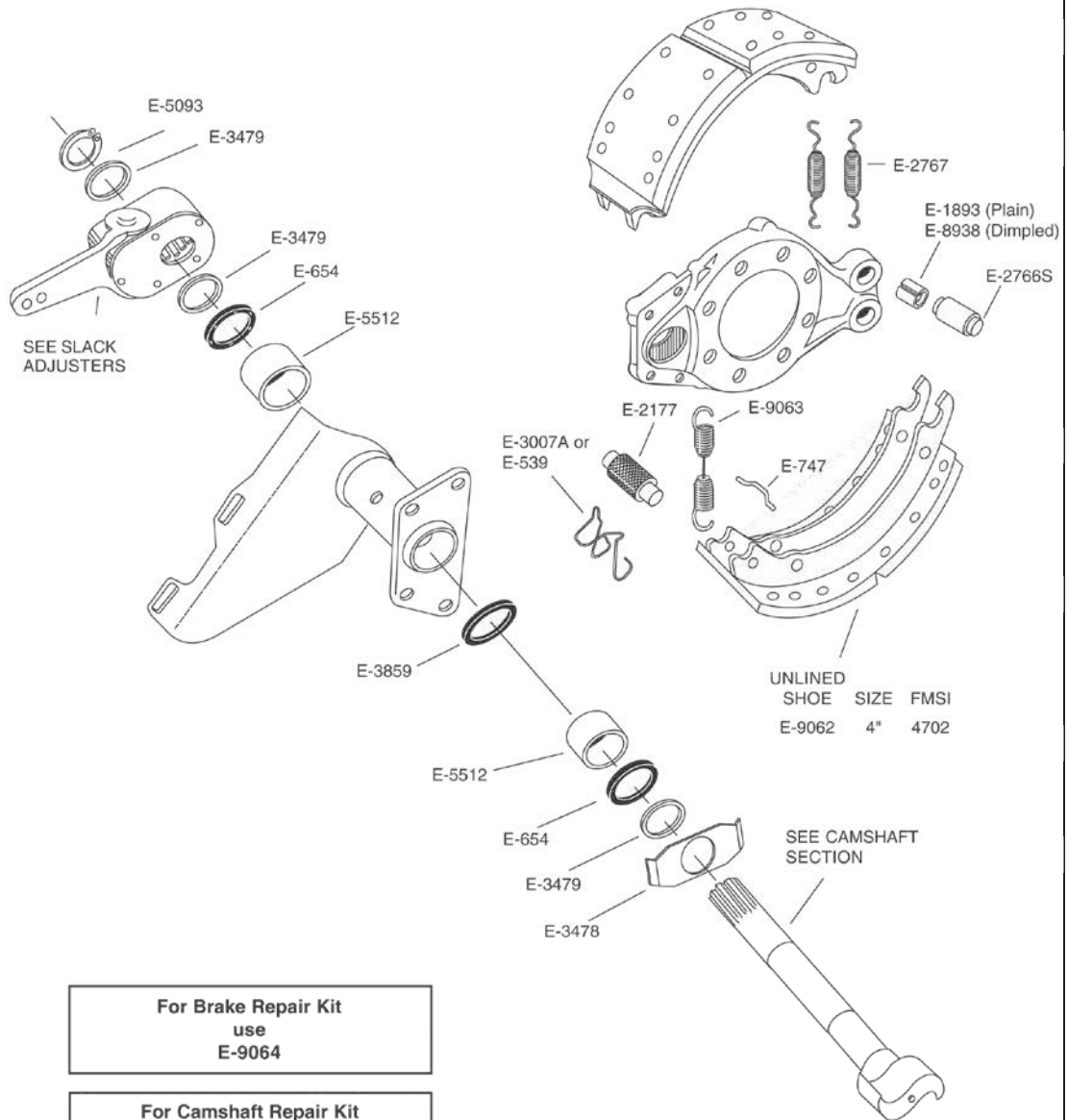
For Brake Repair Kit
Less Anchor Pins
use E-7899

For Camshaft Repair Kit
use
E-3876

Note: E-3870 are Eccentric Anchor Pins

STEER AXLE BRAKE

PART NO.	PAGE NO.
E-539	1-110
E-654	2-104
E-747	1-119
E-1893	1-113
E-2177	1-101
E-2766S	1-104
E-2767	1-118
E-3007A	1-110
E-3478	2-106
E-3479	2-106
E-3859	2-104
E-5093	2-108
E-5512	2-98
E-5513	2-87
E-8938	1-113
E-9062	1-124
E-9063	1-115
E-9064	1-80

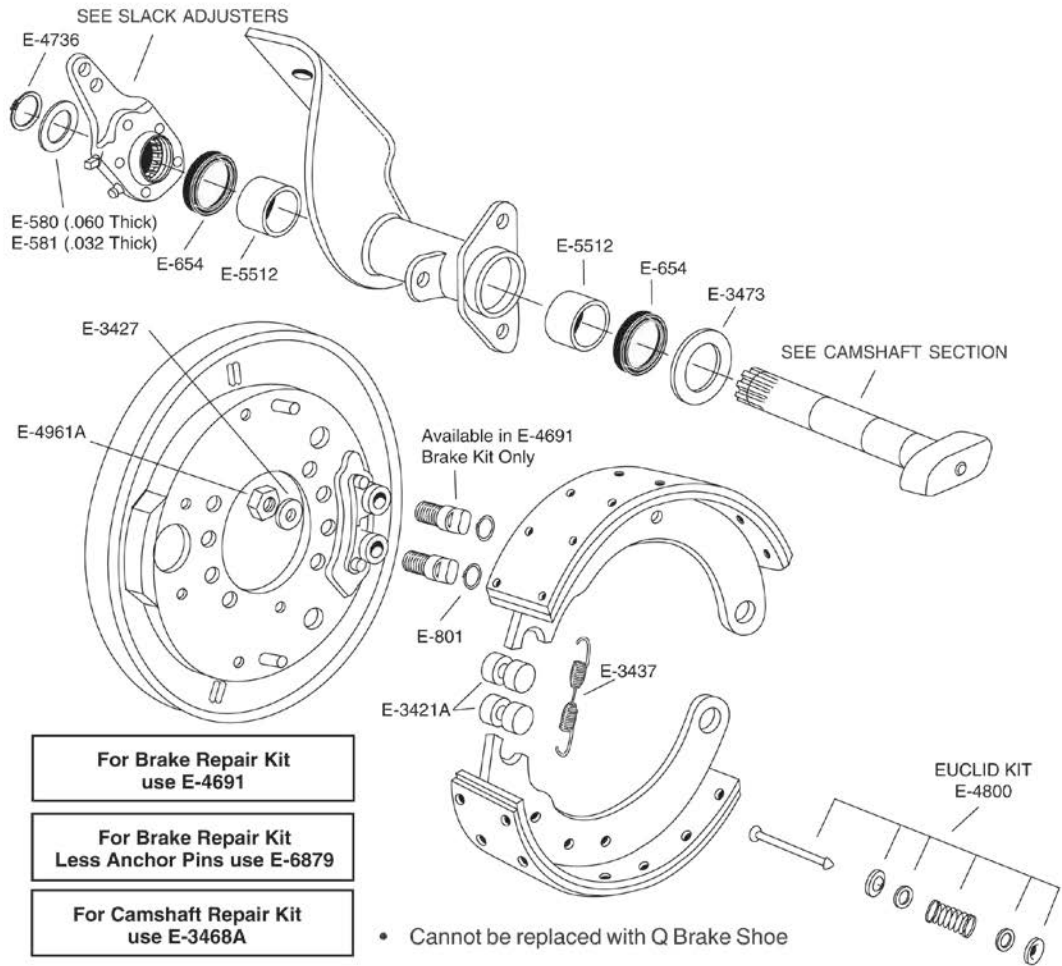


For Brake Repair Kit
use
E-9064

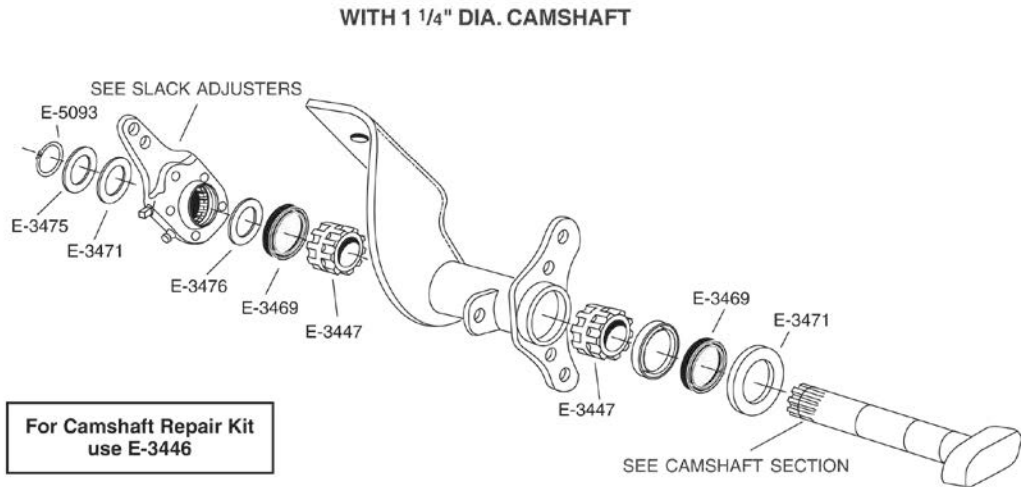
For Camshaft Repair Kit
use E-3993B or
E-5513 (Bushing and Seal Kit Only)

STEER AXLE BRAKE WITH 1/2" DIA. CAMSHAFT

PART NO.	PAGE NO.
E-580	2-105
E-581	2-105
E-654	2-104
E-801	1-108
E-3421A	1-101
E-3427	1-111
E-3437	1-115
E-3468A	2-73
E-3473	2-106
E-4691	1-82
E-4736	2-108
E-4800	1-81
E-4961A	1-109
E-5512	2-98
E-6879	1-81



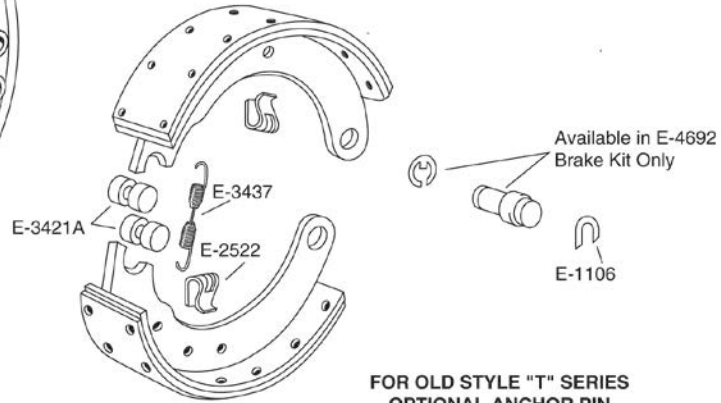
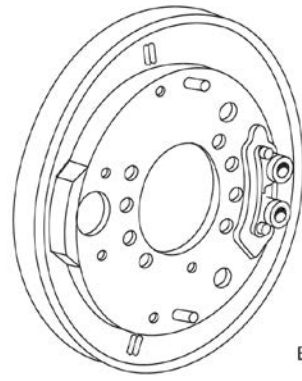
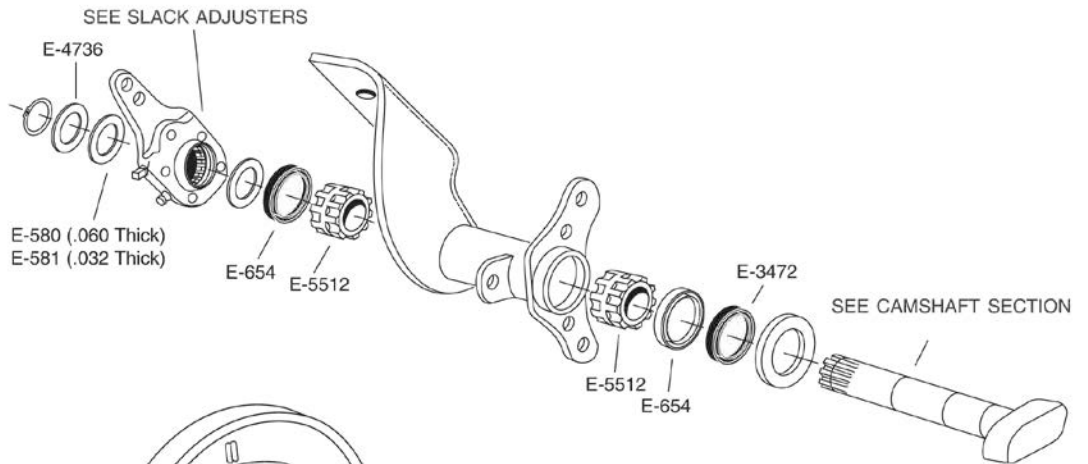
PART NO.	PAGE NO.
E-3446	2-75
E-3447	2-97
E-3469	2-103
E-3471	2-106
E-3475	2-106
E-3476	2-106
E-5093	2-108



Note: Pins included in E-4691 Brake Kit are Eccentric Anchor Pins

STEER AXLE BRAKE

PART NO.	PAGE NO.
E-580	2-105
E-581	2-105
E-654	2-104
E-1106	1-107
E-2522	5-9
E-3421A	1-101
E-3437	1-115
E-3468A	2-73
E-3472	2-106
E-4692	1-84
E-4736	2-108
E-5512	2-98



**For Brake Repair Kit
use
E-4692**

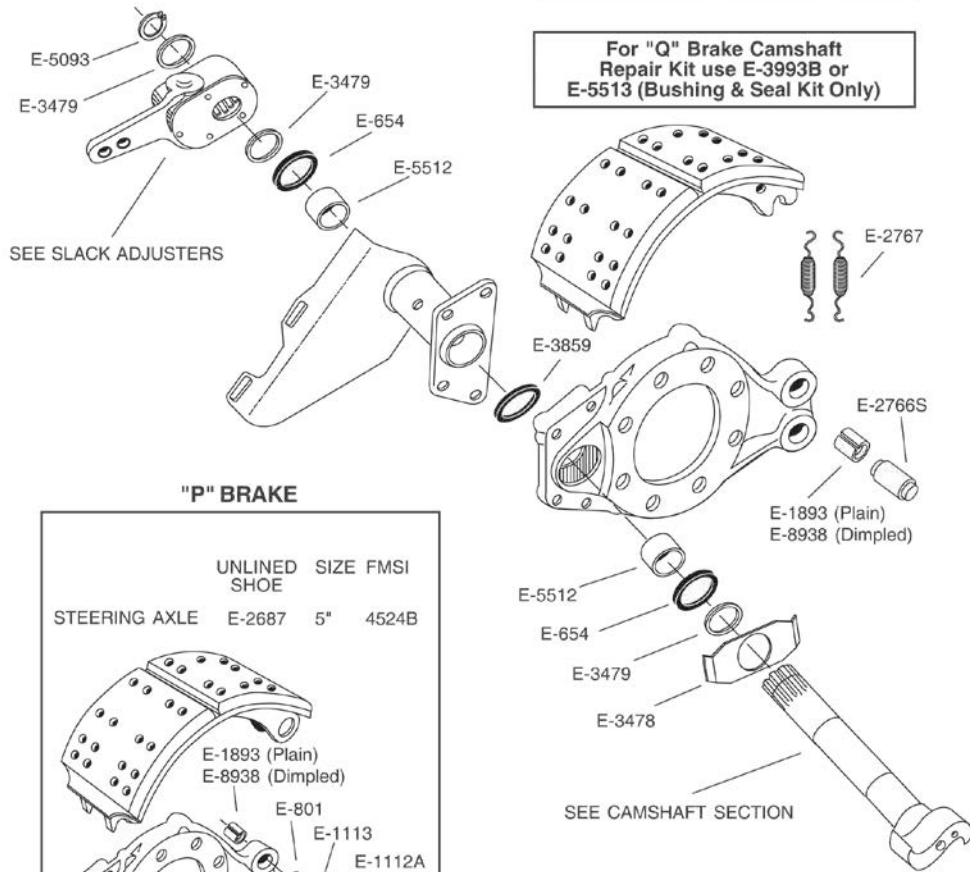
**For Camshaft Repair Kit
use
E-3468A**

- Eccentric pin can be used to adjust lining to drum clearance.

TRUCK & TRACTOR BRAKE

PART NO.	PAGE NO.
E-523	1-101
E-539	1-110
E-545A	1-116
E-654	2-104
E-747	1-119
E-801	1-108
E-1112A	1-104
E-1113	1-111
E-1816HD	1-97
E-1816S	1-97
E-1816SHD	1-97
E-1880B	1-116
E-1893	1-113
E-2086B	2-76
E-2177	1-101
E-2687	1-126
E-2766S	1-104
E-2767	1-118
E-2768	1-116
E-2769HD	1-92
E-2769S	1-92
E-2769SHD	1-92
E-2778	1-126
E-3007A	1-110
E-3478	2-106
E-3479	2-106
E-3490B	1-116
E-3859	2-104
E-3895S	1-96
E-3895SHD	1-96
E-5093	2-108
E-5512	2-98
E-5513	2-87
E-8938	1-113

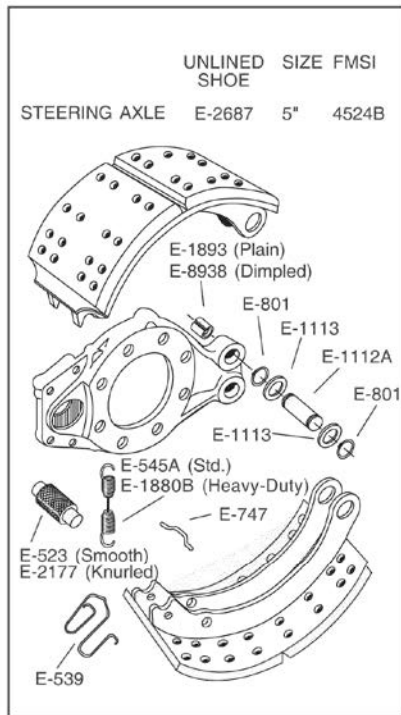
"Q" BRAKE



For "Q" Brake Repair Kit use
E-2769HD, E-2769S, E-2769SHD,
E-3895S, or E-3895SHD

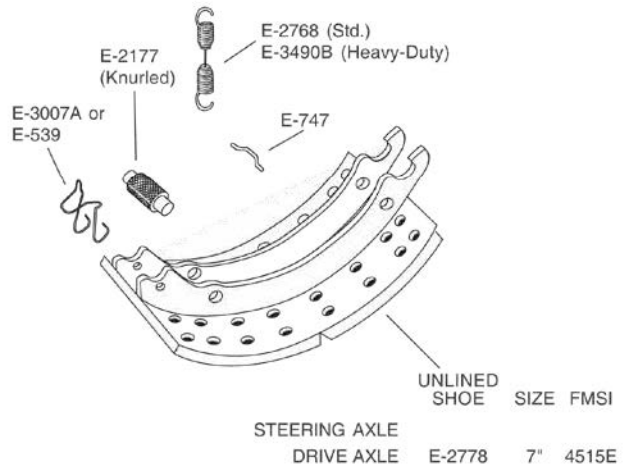
For "Q" Brake Camshaft
Repair Kit use E-3993B or
E-5513 (Bushing & Seal Kit Only)

"P" BRAKE



For "P" Brake Repair Kit
use
E-1816HD, E-1816S or E-1816SHD

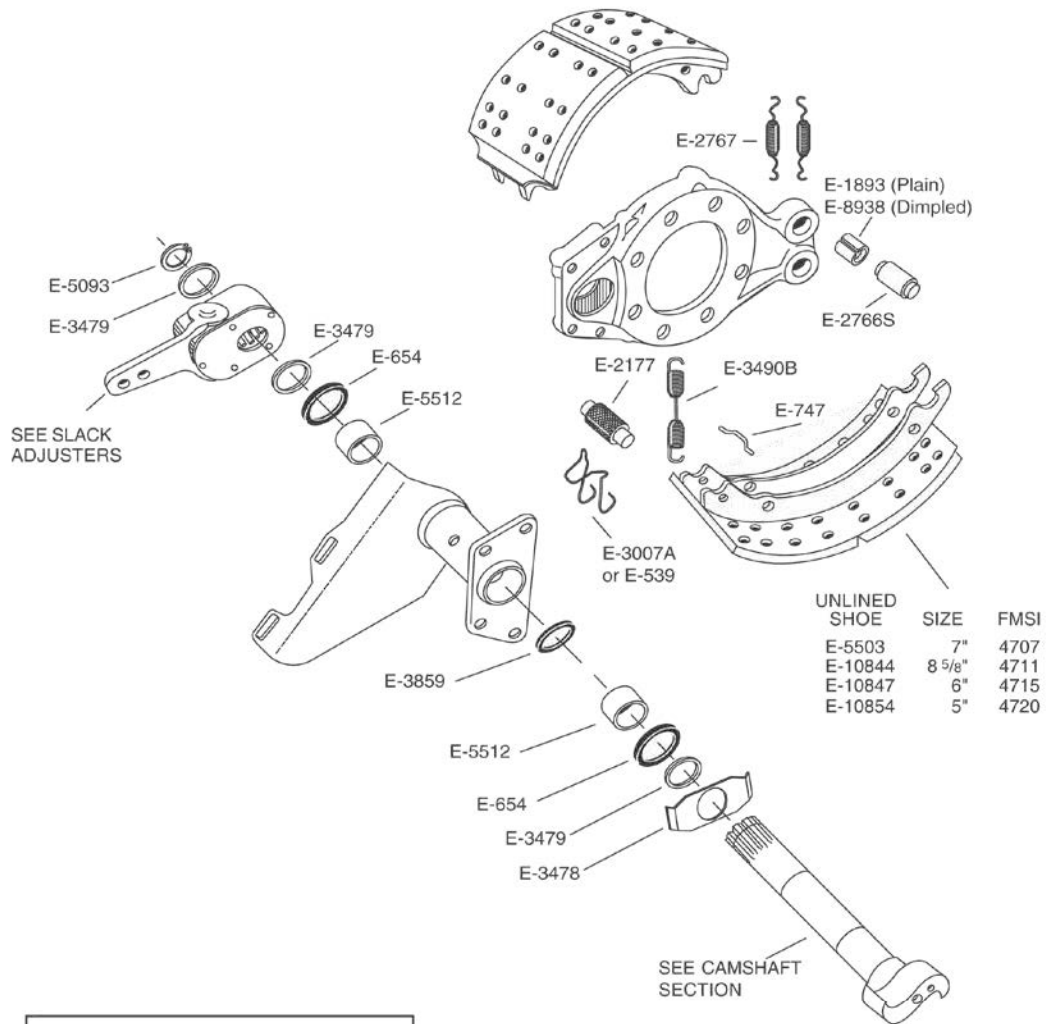
For "P" Brake Camshaft
Repair Kit
use E-2086B



Note: For notched Anchor Pin Kit us KIT-4

TRUCK & TRACTOR BRAKE

PART NO.	PAGE NO.
E-539	1-110
E-654	2-104
E-747	1-119
E-1893	1-113
E-2177	1-101
E-2766S	1-104
E-2767	1-118
E-2769HD	1-92
E-2769S	1-92
E-2769SHD	1-92
E-3007A	1-110
E-3478	2-106
E-3479	2-106
E-3490B	1-116
E-3859	2-104
E-3895S	1-96
E-3895SHD	1-96
E-3993B	2-72
E-5093	2-108
E-5503	1-126
E-5512	2-98
E-5513	2-87
E-8938	1-113
E-10844	1-126
E-10847	1-126
E-10854	1-126

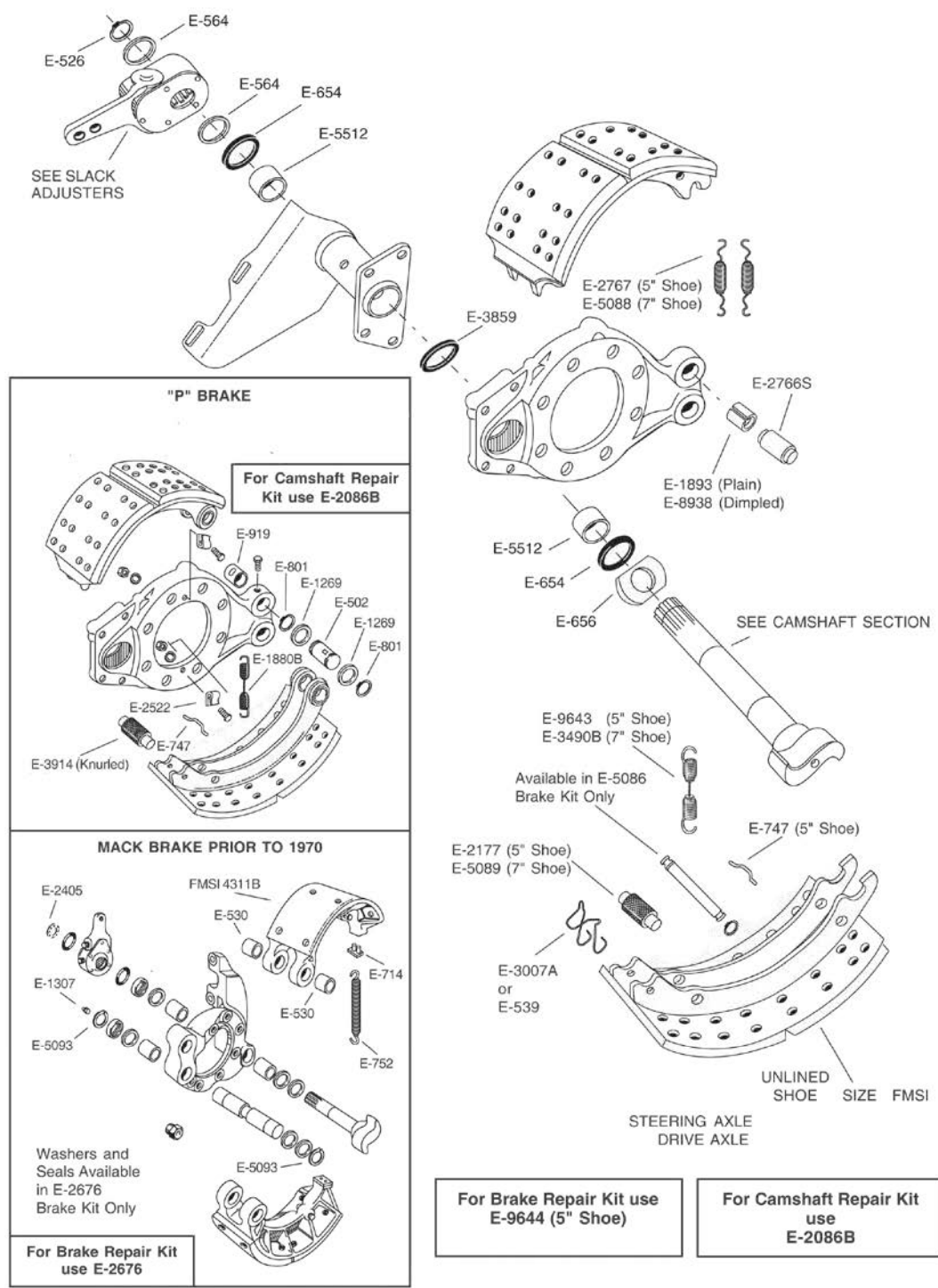


For Brake Repair Kit use
E-2769HD, E-2769S, E-2769SHD,
E-3895S, or E-3895SHD

For Camshaft Repair Kit
use E-3993B or
E-5513 (Bushing & Seal Kit Only)

FOR MACK TRUCK - WITH 44,000 LB. REAR Q BRAKE

PART NO.	PAGE NO.
E-502	1-105
E-526	2-108
E-539	1-110
E-564	2-105
E-654	2-104
E-656	2-107
E-747	1-119
E-752	1-116
E-801	1-108
E-919	1-113
E-1269	1-107
E-1307	1-112
E-1880B	1-116
E-1893	1-113
E-2086B-2	2-76
E-2177	1-101
E-2405	2-104
E-2522	5-9
E-2676	1-93
E-2766S	1-104
E-2767	1-118
E-3007A	1-110
E-3490B	1-116
E-3859	2-104
E-3914	1-101
E-5088	1-118
E-5089	1-101
E-5093	2-108
E-5512	2-98
E-8938	1-113
E-9643	1-117
E-9644	1-95



MERITOR Q+™ SERIES CAM BRAKES FOR 15" & 16-1/2" MX500 LONG LIFE & LX500 EXTENDED LUBE

BRAKE HARDWARE

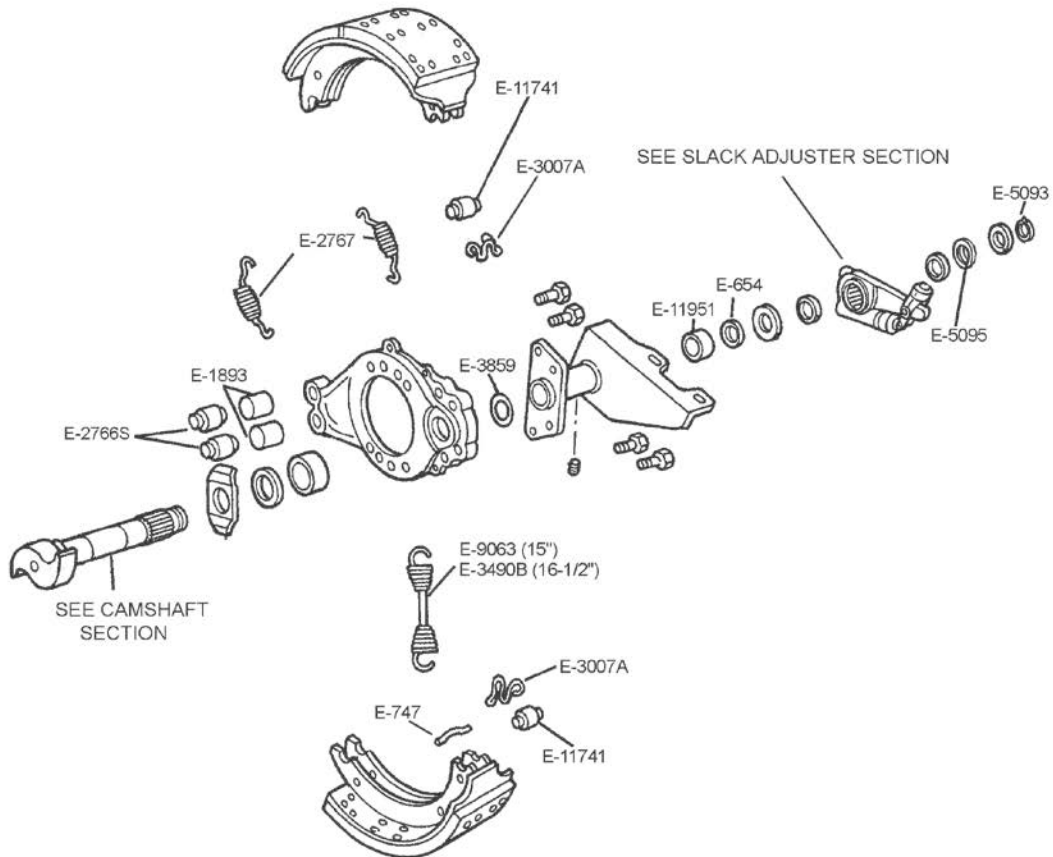
CAST SPIDER

PART NO.	PAGE NO.
E-654	2-104
E-1893	1-113
E-747	1-119
E-2766S	1-104
E-2767	1-118
E-2769HD	1-92
E-3007A	1-110
E-3490B	1-116
E-3859	2-104
E-5093	2-108
E-5095	2-105
E-9046	1-116
E-9063	1-115
E-11453	1-124
E-11741	1-101
E-11904	2-74
E-11951	2-98

For Brake Repair Kit
use E-9046 (15") or
E-2769HD (16-1/2")

For Camshaft Repair Kit
use E-11904

UNLINED SHOE	SIZE	FMSI
E-11453	15" x 5"	4703



MERITOR Q+™ SERIES CAM BRAKES FOR 15" & 16-1/2" MX500 LONG LIFE & LX500 EXTENDED LUBE

Brake and
Wheel End

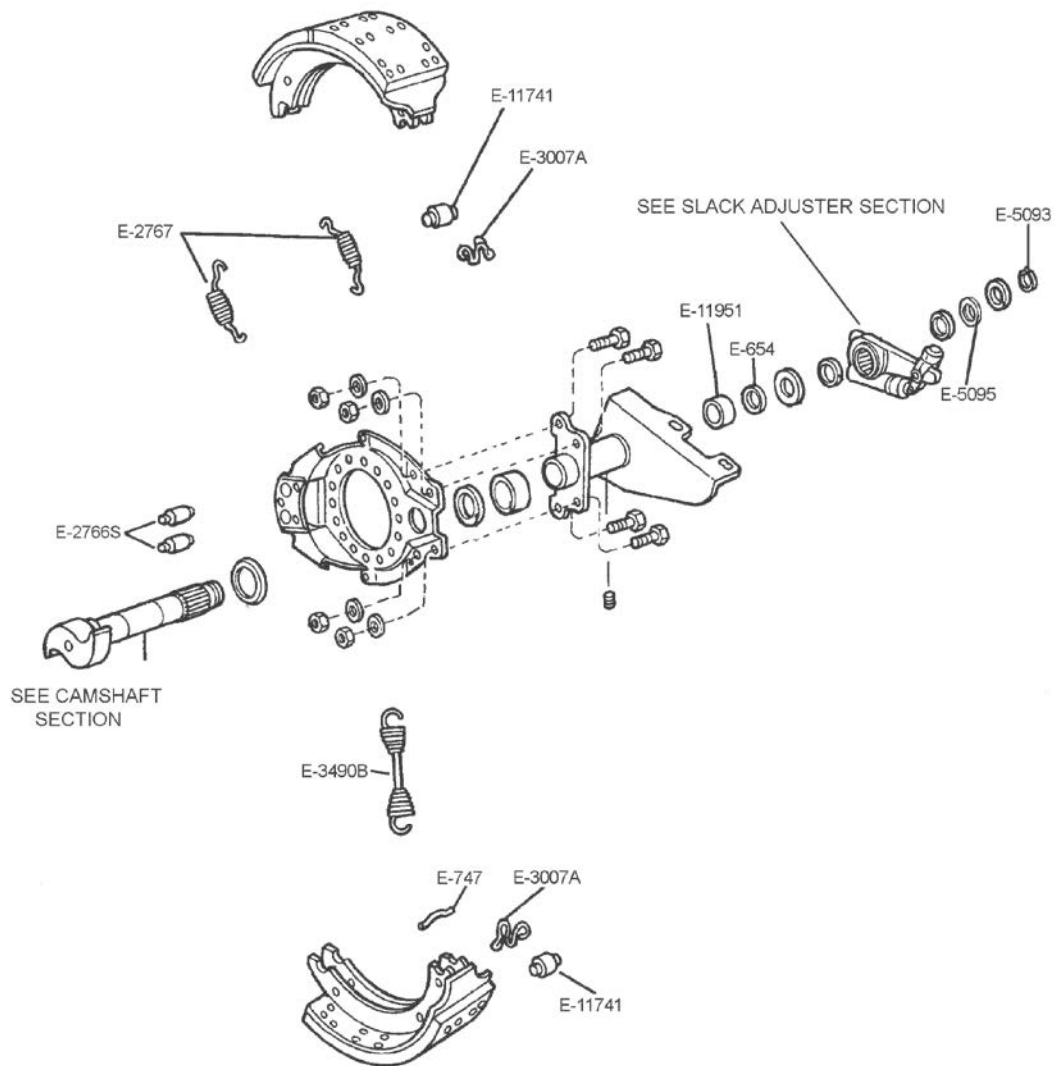
BRAKE HARDWARE

STAMPED SPIDER

PART NO.	PAGE NO.
E-654	2-104
E-747	1-119
E-2766S	1-104
E-2767	1-118
E-2769HD	1-92
E-3007A	1-110
E-3490B	1-116
E-5093	2-108
E-5095	2-105
E-11741	1-101
E-11904	2-74
E-11951	2-98

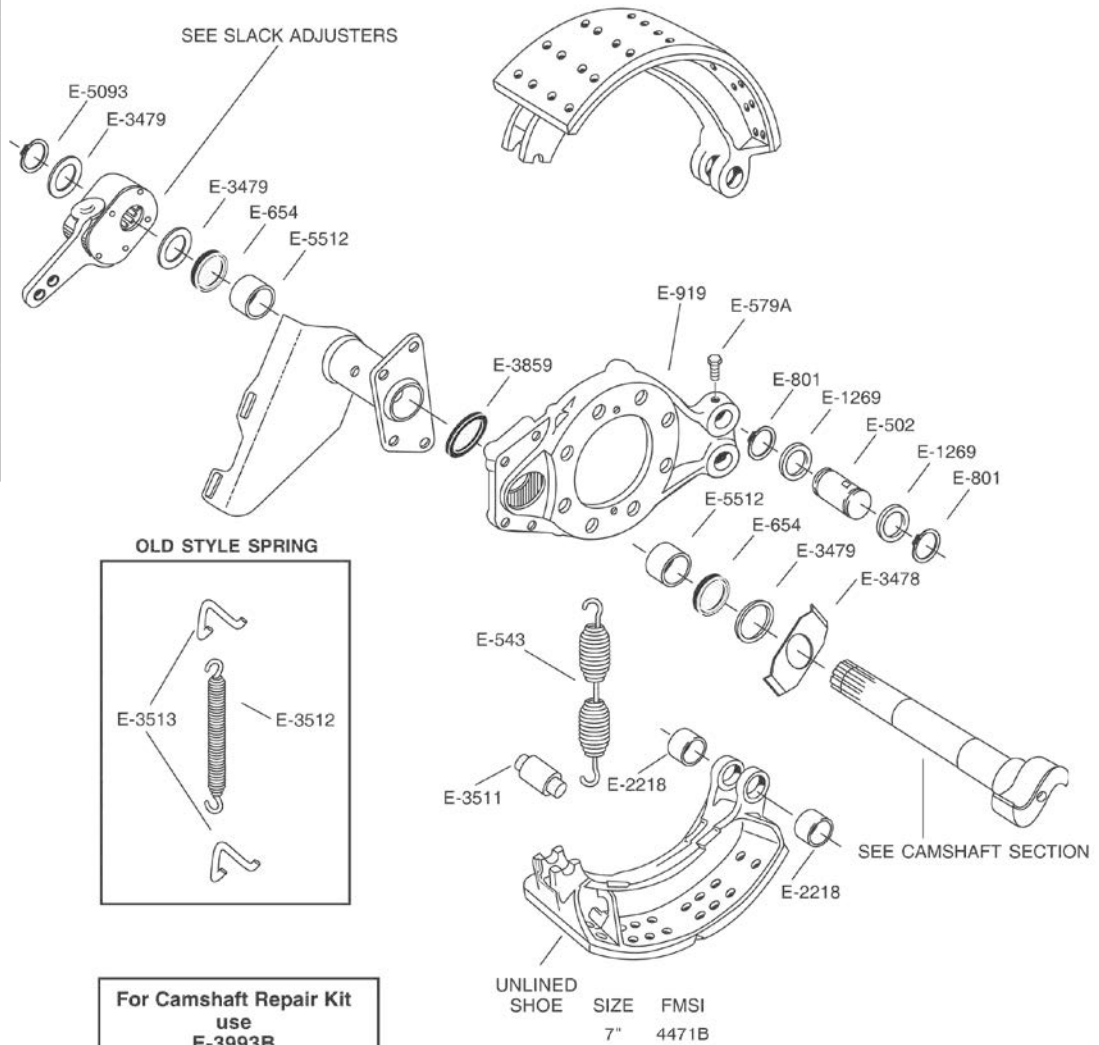
For Brake Repair Kit
use E-2769HD

For Camshaft Repair Kit
use E-11904



TRUCK & TRACTOR BRAKE

PART NO.	PAGE NO.
E-502	1-105
E-543	1-117
E-579A	1-110
E-654	2-104
E-801	1-108
E-919	1-113
E-1269	1-107
E-2218	1-112
E-3478	2-106
E-3479	2-106
E-3511	1-101
E-3512	1-117
E-3513	1-119
E-3518	1-99
E-3859	2-104
E-3992	1-99
E-3993B	2-72
E-5093	2-108
E-5512	2-98
E-11974	1-93



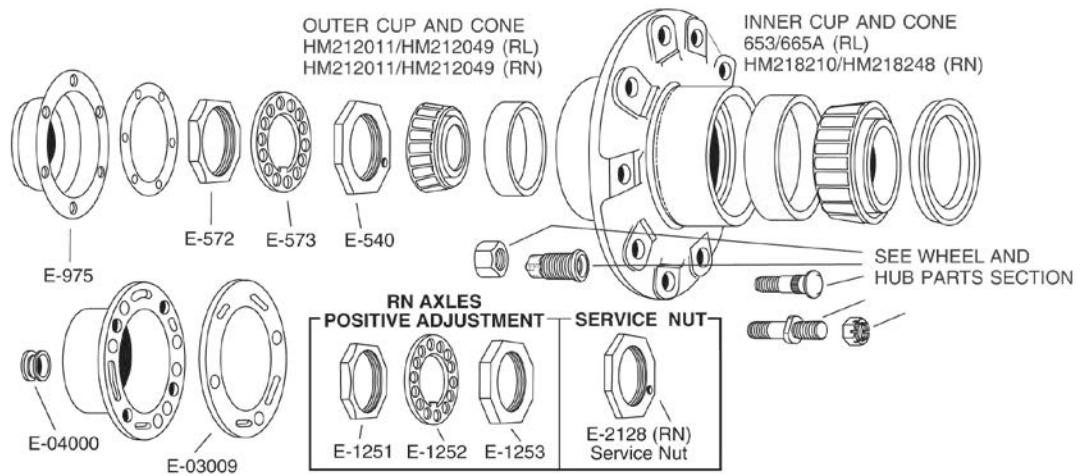
UNLINED SHOE
SIZE FMSI
7" 4471B

I.D. TIP

- Web support has two holes which hold the old style spring, which prevents shoe from resting in an offset position on anchor pin.

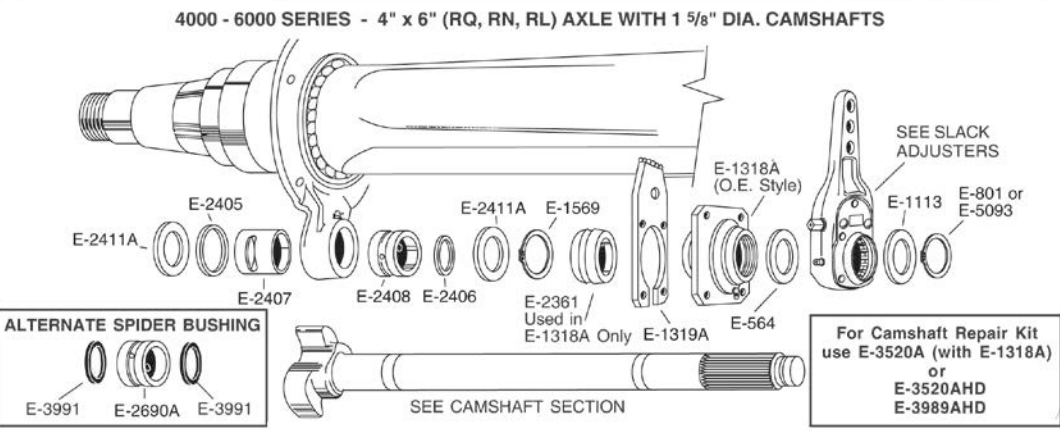
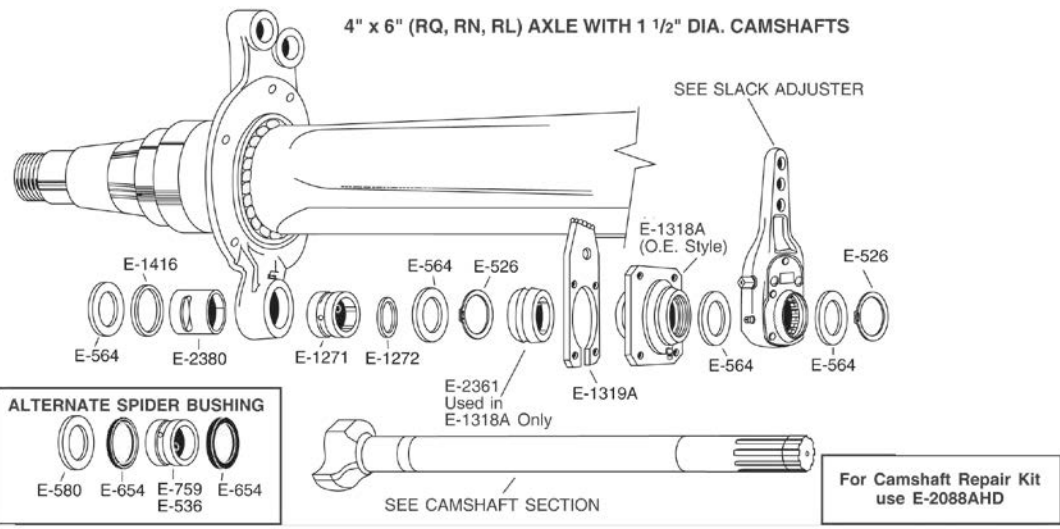
HUB CAPS, SPINDLE NUTS, SEALS & STUDS

PART NO.	PAGE NO.
E-04000	6-56
E-04975	6-56
E-04975H	6-56
E-05500	6-56
E-1559	6-36
E-1561	6-36
E-1251	6-37
E-1252	6-37
E-1253	6-37
E-2128	6-37
E-2550	6-36



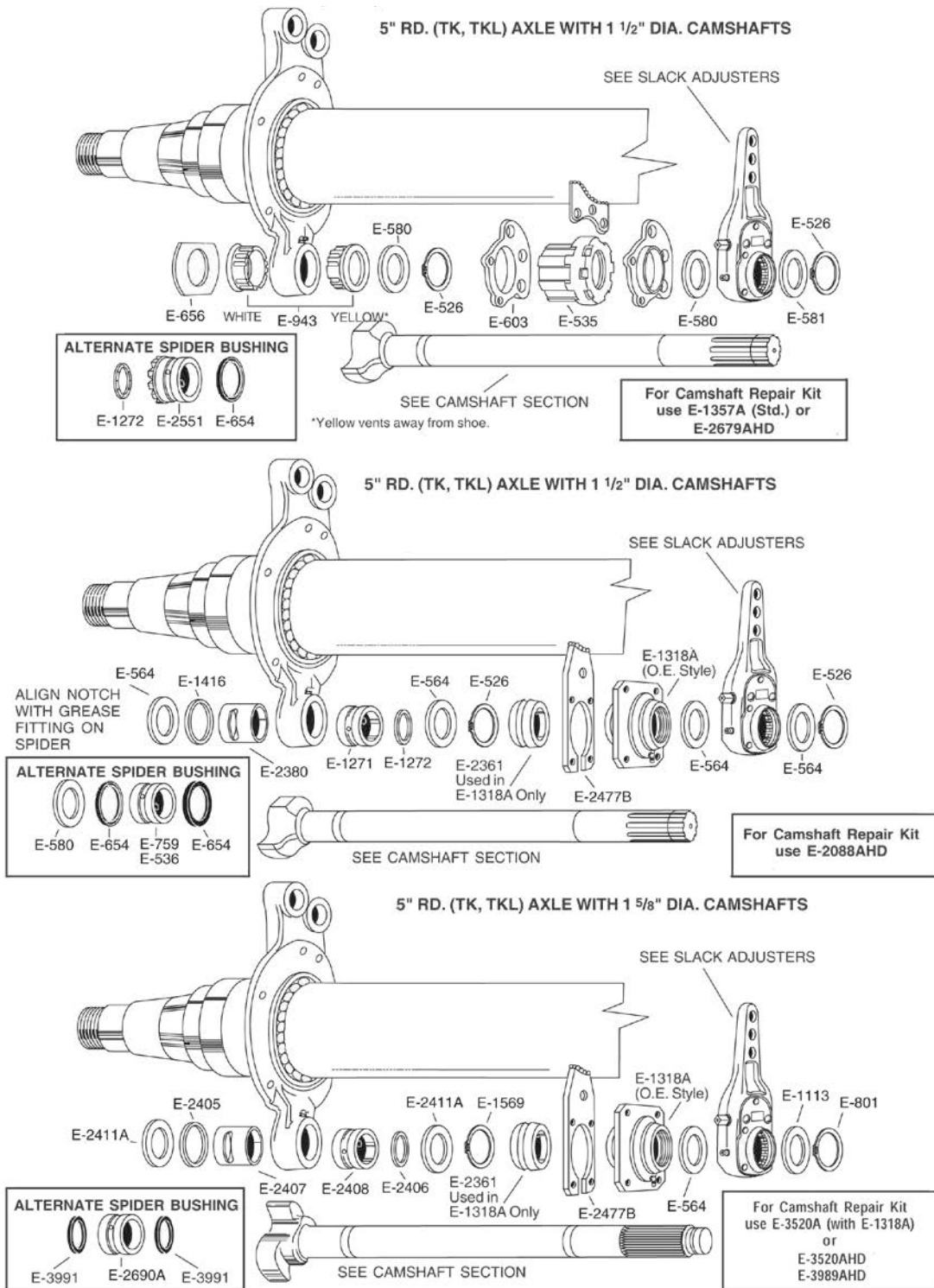
CAMSHAFT, BUSHINGS & BRACKET PARTS

PART NO.	PAGE NO.
E-526	2-108
E-536	2-98
E-564	2-105
E-580	2-105
E-654	2-104
E-759	2-98
E-801	1-108
E-1113	1-111
E-1271	2-98
E-1272	2-103
E-1318A	2-94
E-1319A	2-92
E-1416	2-103
E-1569	2-108
E-2088AHD	2-79
E-2361	2-99
E-2380	2-101
E-2405	2-104
E-2406	2-104
E-2407	2-101
E-2408	2-100
E-2411A	2-106
E-2690A	2-100
E-3520AHD	2-85
E-3989AHD	2-86
E-3991	2-104
E-5093	2-108



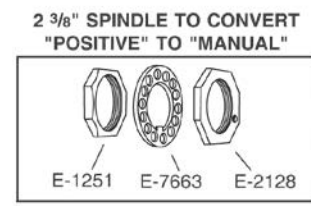
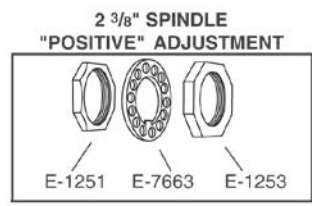
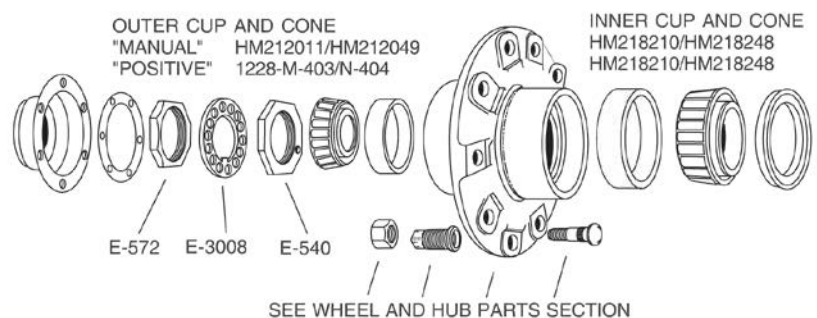
CAMSHAFT, BUSHINGS & BRACKET PARTS

PART NO.	PAGE NO.
E-526	2-108
E-535	2-100
E-536	2-98
E-564	2-105
E-580	2-105
E-581	2-105
E-603	2-93
E-654	2-104
E-656	2-107
E-759	2-98
E-801	1-108
E-943	2-98
E-1113	1-111
E-1271	2-98
E-1272	2-103
E-1318A	2-94
E-1357A	2-78
E-1416	2-103
E-1569	2-108
E-2088AHD	2-79
E-2361	2-99
E-2380	2-101
E-2405	2-104
E-2406	2-104
E-2407	2-101
E-2408	2-100
E-2411A	2-106
E-2477B	2-92
E-2551	2-97
E-2679AHD	2-83
E-2690A	2-100
E-3520AHD	2-85
E-3989AHD	2-86
E-3991	2-104

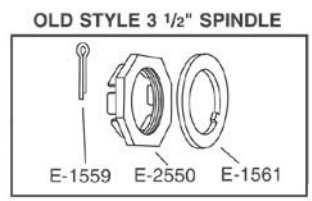
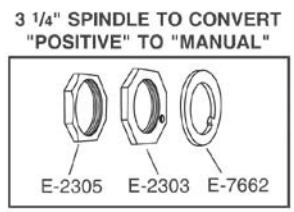
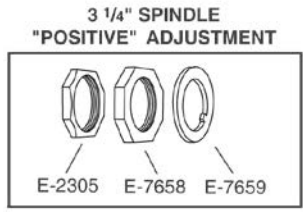
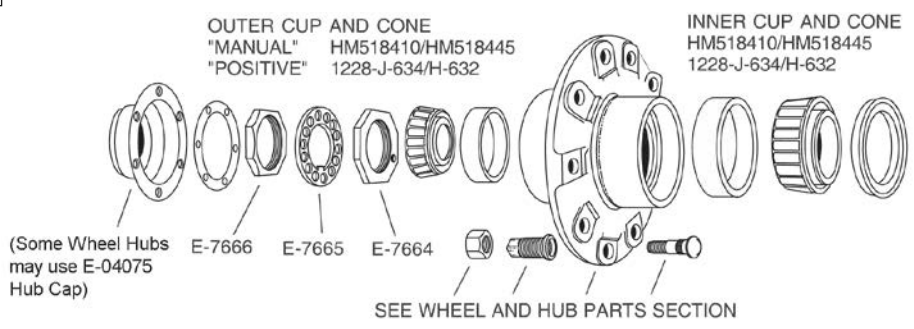


TN, TQ 2-5/8" SPINDLE - MANUAL AND POSITIVE ADJUSTMENT SPINDLE NUTS

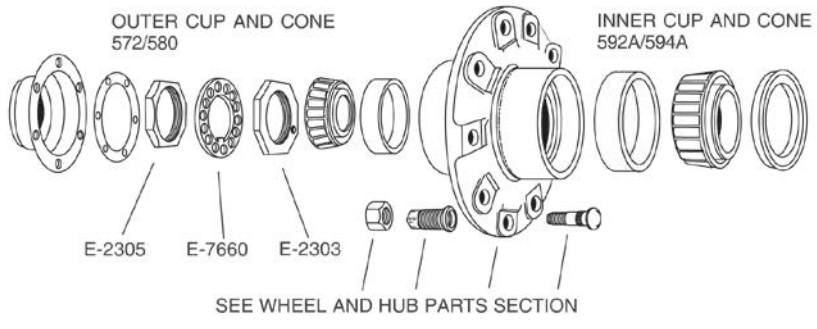
PART NO.	PAGE NO.
E-540	6-37
E-572	6-37
E-1251	6-37
E-1253	6-37
E-1559	6-36
E-1561	6-36
E-2128	6-37
E-2303	6-39
E-2305	6-39
E-2550	6-36
E-3008	6-37
E-7658	6-39
E-7659	6-39
E-7660	6-39
E-7663	6-38
E-7664	6-38
E-7665	6-38
E-7666	6-38



TP 3 1/2" SPINDLE - MANUAL AND POSITIVE ADJUSTMENT SPINDLE NUTS OLD DESIGN



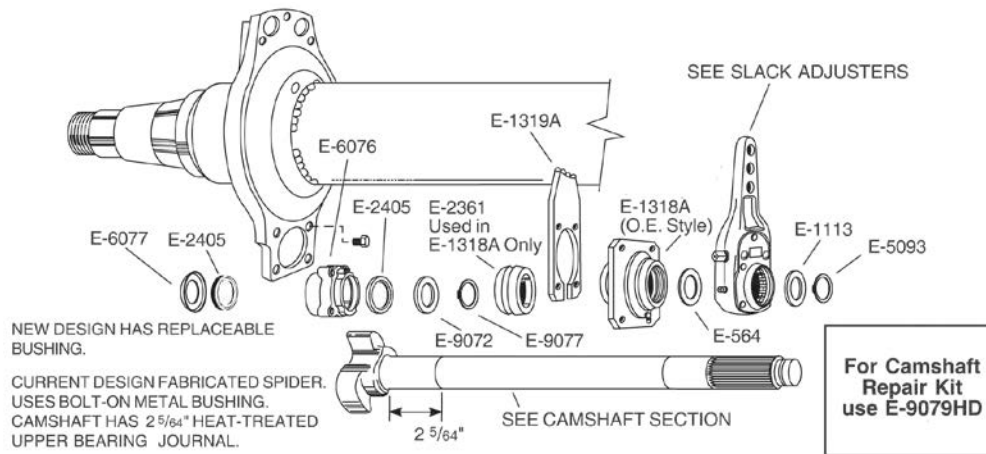
TP 3 1/4" SPINDLE - AVAILABLE AS "MANUAL" ADJUSTMENT ONLY NEW DESIGN



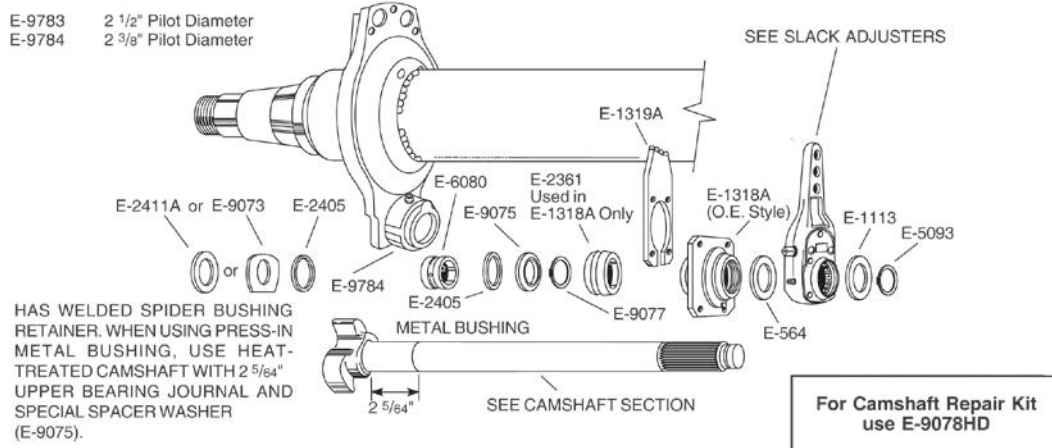
FABRICATED SPIDER

PART NO.	PAGE NO.
E-526	2-108
E-564	2-105
E-1113	1-111
E-1271	2-98
E-1272	2-103
E-1318A	2-94
E-1319A	2-92
E-1416	2-103
E-2361	2-99
E-2380	2-101
E-2405	2-104
E-2411A	2-106
E-3520AHD	2-85
E-4736	2-108
E-5093	2-108
E-6076	2-101
E-6077	2-107
E-6080	2-100
E-9072	2-106
E-9073	2-107
E-9075	2-106
E-9077	2-108
E-9078HD	2-88
E-9079HD	2-89
E-9784	2-101

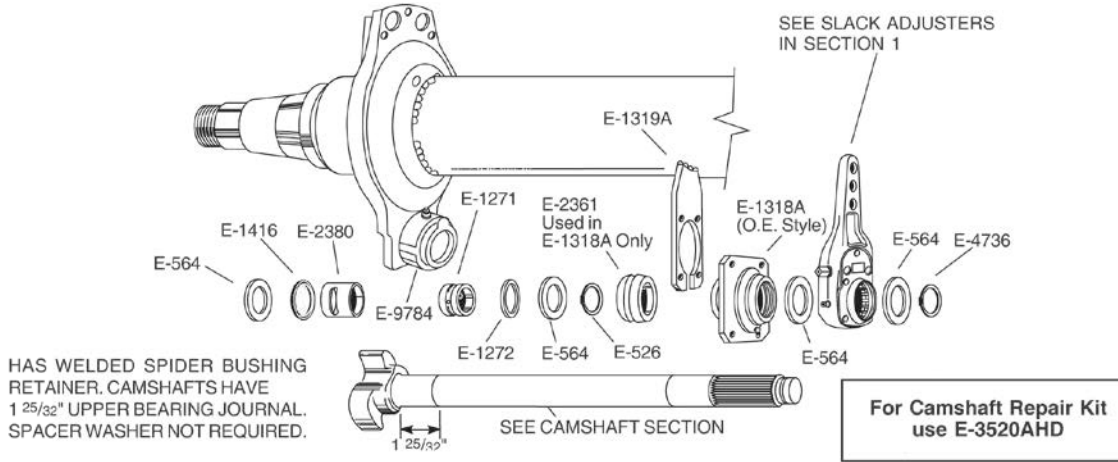
CURRENT DESIGN FABRICATED SPIDER WITH BOLT-ON METAL BUSHING



FIRST & SECOND DESIGN FABRICATED SPIDER WITH PRESS-IN METAL BUSHING



FIRST & SECOND DESIGN FABRICATED SPIDER WITH PRESS-IN NYLON BUSHING



MERITOR TRAILER AXLES WITH 16-1/2" DIAMETER BRAKES

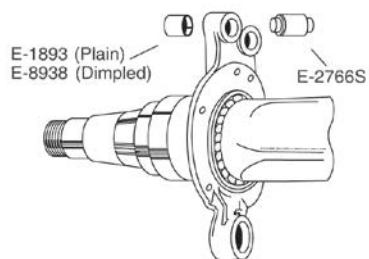
Brake and
Wheel End

BRAKE HARDWARE

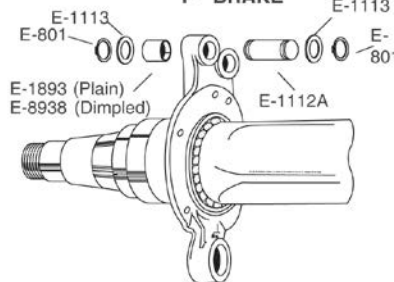
ANCHOR PIN VARIATIONS

PART NO.	PAGE NO.
E-502	1-105
E-512	1-104
E-579A	1-110
E-801	1-108
E-1112A	1-104
E-1113	1-111
E-1269	1-107
E-1816HD	1-97
E-1816S	1-97
E-1816SHD	1-97
E-1893	1-113
E-2766S	1-104
E-2769HD	1-92
E-2769S	1-92
E-2769SHD	1-92
E-3895S	1-96
E-895SHD	1-96
E-8938	1-113
KIT-4S	1-94
KIT-4SHD	1-94

"Q", "Q+", "Q" FOR FRUEHAUF BRAKES



"P" BRAKE



For Brake Repair Kit use E-2769HD,
E-2769S, E-2769SHD, E-2769SHD-R, E-3895S,
or E-3895SHD

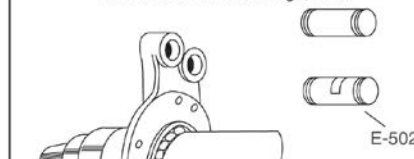
For Brake Repair Kit
use E-1816S,
E-1816HD or E-1816SHD

EARLY MODEL "P" BRAKE



For Brake Repair Kit
use KIT-4S
or KIT-4SHD

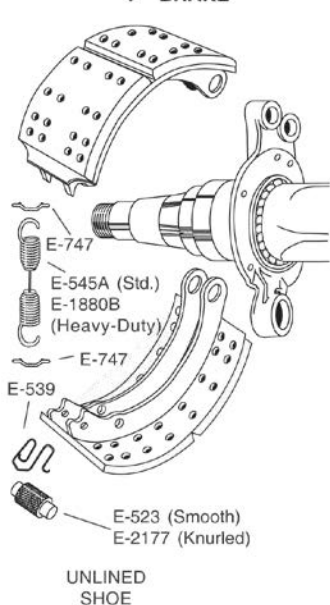
Note: When using cast shoes or pressed
steel shoes with bushings, use:



SHOES, ROLLERS, SPRING & DUST SHIELD

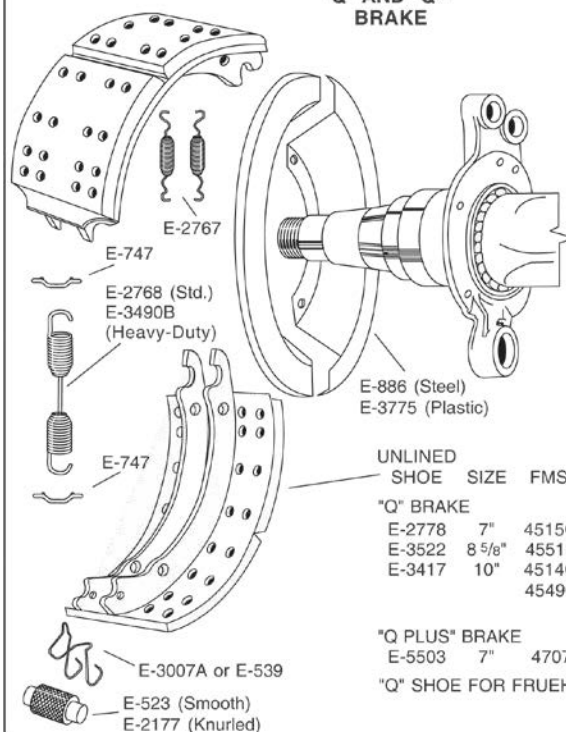
PART NO.	PAGE NO.
E-523	1-101
E-539	1-110
E-545A	1-116
E-747	1-119
E-886	1-129
E-1880B	1-116
E-2177	1-101
E-2767	1-118
E-2768	1-116
E-2778	1-126
E-3417	1-126
E-3490B	1-116
E-3522	1-126
E-3775	1-129
E-5503	1-126

"P" BRAKE



UNLINED
SHOE

"Q" AND "Q+" BRAKE



UNLINED
SHOE SIZE FMSI

"Q" BRAKE

E-2778	7"	4515G
E-3522	8 5/8"	4551B
E-3417	10"	4514G } With 4549C } 1/4" Rivets

"Q PLUS" BRAKE

E-5503	7"	4707
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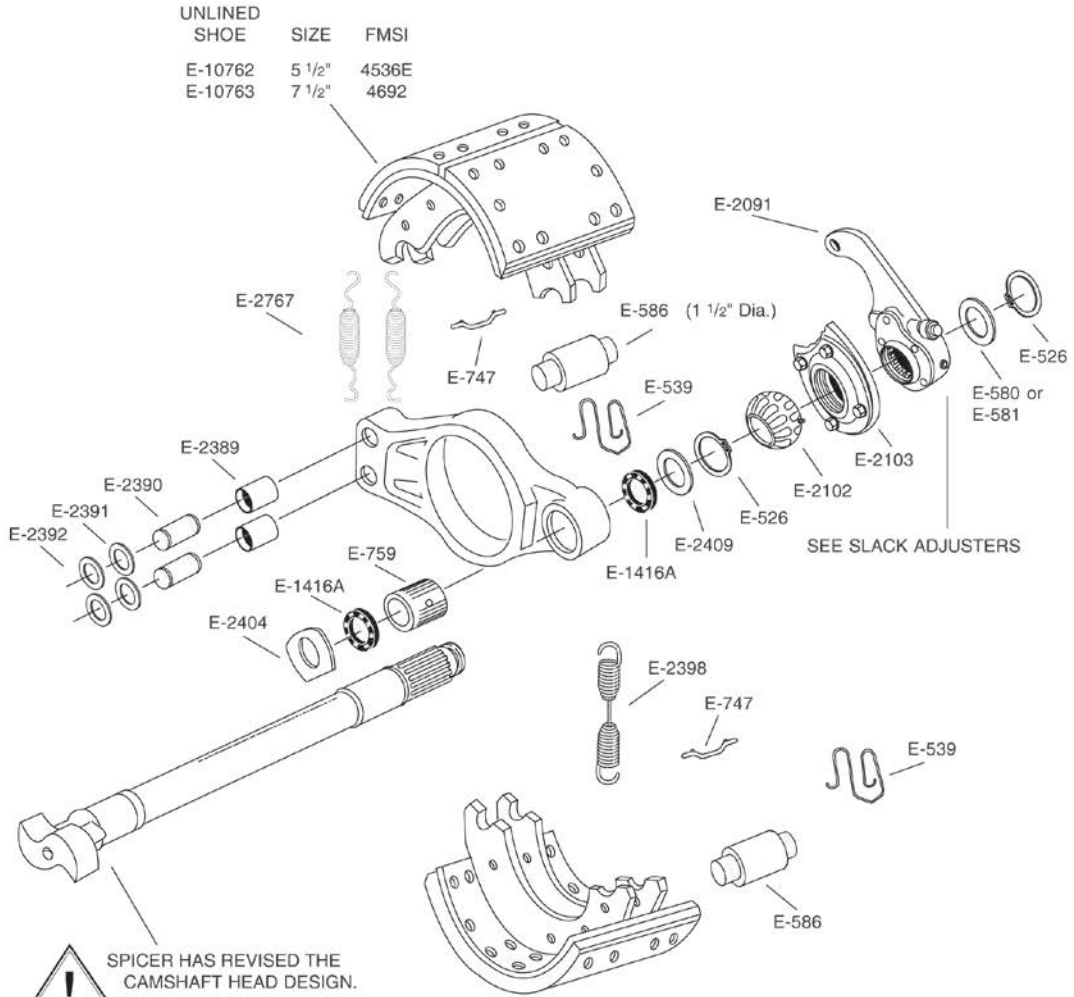
"Q" SHOE FOR FRUEHAUF SPIDERS

SPICER (DANA) 12-1/4" DIAMETER FAST CHANGE II BRAKES

BRAKE HARDWARE

OLD SPIDER BEFORE 11/11/96 WITH NEW SHOE ANCHOR PIN O.D. 1"

PART NO.	PAGE NO.
E-526	2-108
E-539	1-110
E-580	2-105
E-581	2-105
E-586	1-101
E-747	1-119
E-759	2-98
E-1416A	2-103
E-2091	3-3
E-2102	2-99
E-2103	2-92
E-2389	1-113
E-2390	1-104
E-2391	1-111
E-2392	1-107
E-2398	1-114
E-2399	1-119
E-2404	2-107
E-2409	2-105
E-2469	2-69
E-2767	1-118
E-10757	1-77
E-10762	1-123
E-10763	1-123



CAUTION SPICER HAS REVISED THE CAMSHAFT HEAD DESIGN. FOR CAMSHAFTS READ PAGE 2-60 CAREFULLY

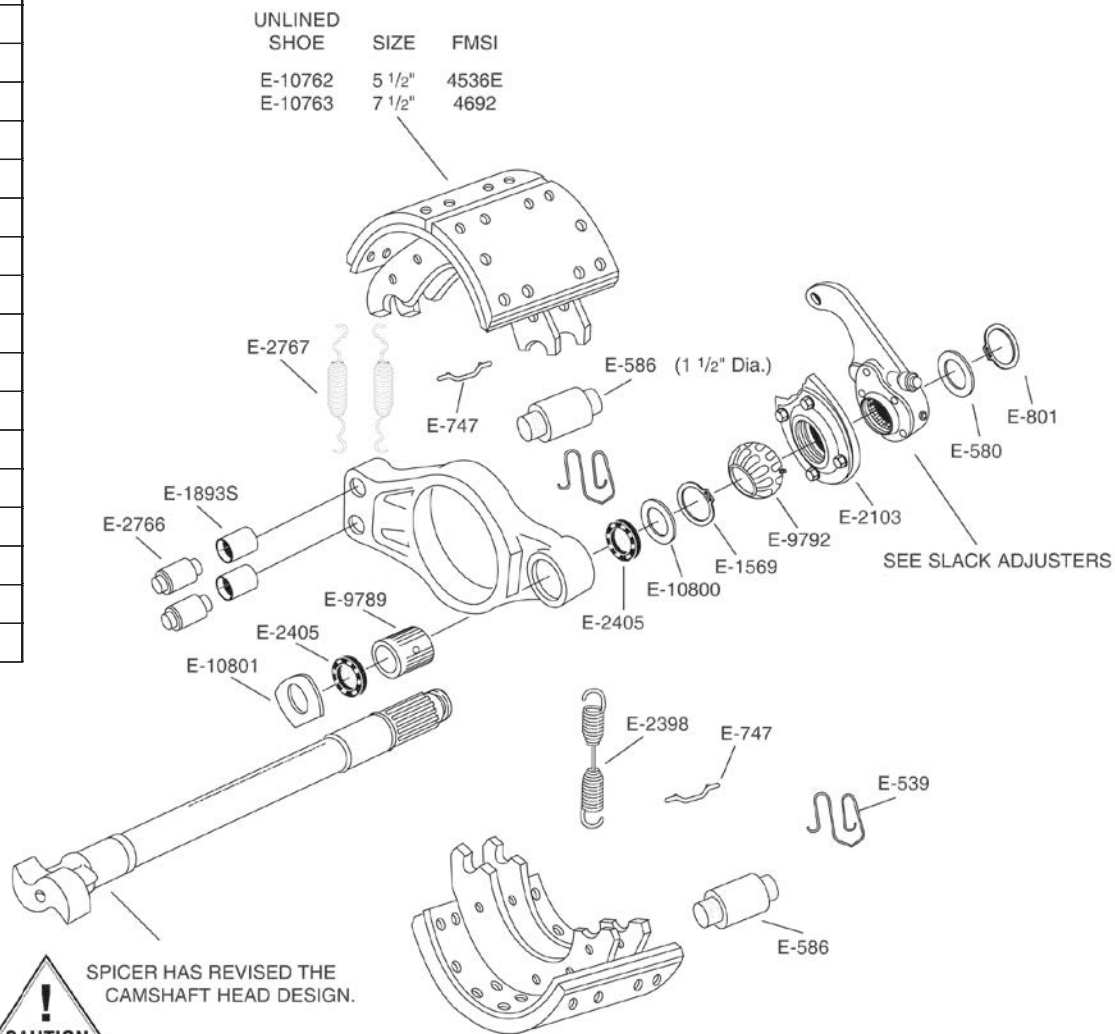
For Brake Shoe Repair Kit
use
E-10757

I.D. TIP
Brake Shoe Unique.

For Camshaft Repair Kit
use
E-2469

OLD SPIDER AFTER 11/11/96 ANCHOR PIN O.D. 1-1/4"

PART NO.	PAGE NO.
E-539	1-110
E-586	1-101
E-580	2-105
E-747	1-119
E-801	1-108
E-1893S	1-113
E-2103	2-92
E-2398	1-114
E-2405	2-104
E-2766S	1-104
E-2767	1-118
E-9792A	2-99
E-9789	2-100
E-9790A	2-71
E-10756	1-75
E-10762	1-123
E-10763	1-123
E-10800	2-106
E-10801	2-107
E-14539	1-76



CAUTION SPICER HAS REVISED THE CAMSHAFT HEAD DESIGN.
 FOR CAMSHAFTS READ PAGE 2-60 CAREFULLY

NOTE: With New Spider
 1 5/8" Dia. Camshaft Journal
 and 1 1/2" 28 Spline use
 E-9790A Camshaft Repair Kit

For Brake Repair Kit
 use
 E-10756

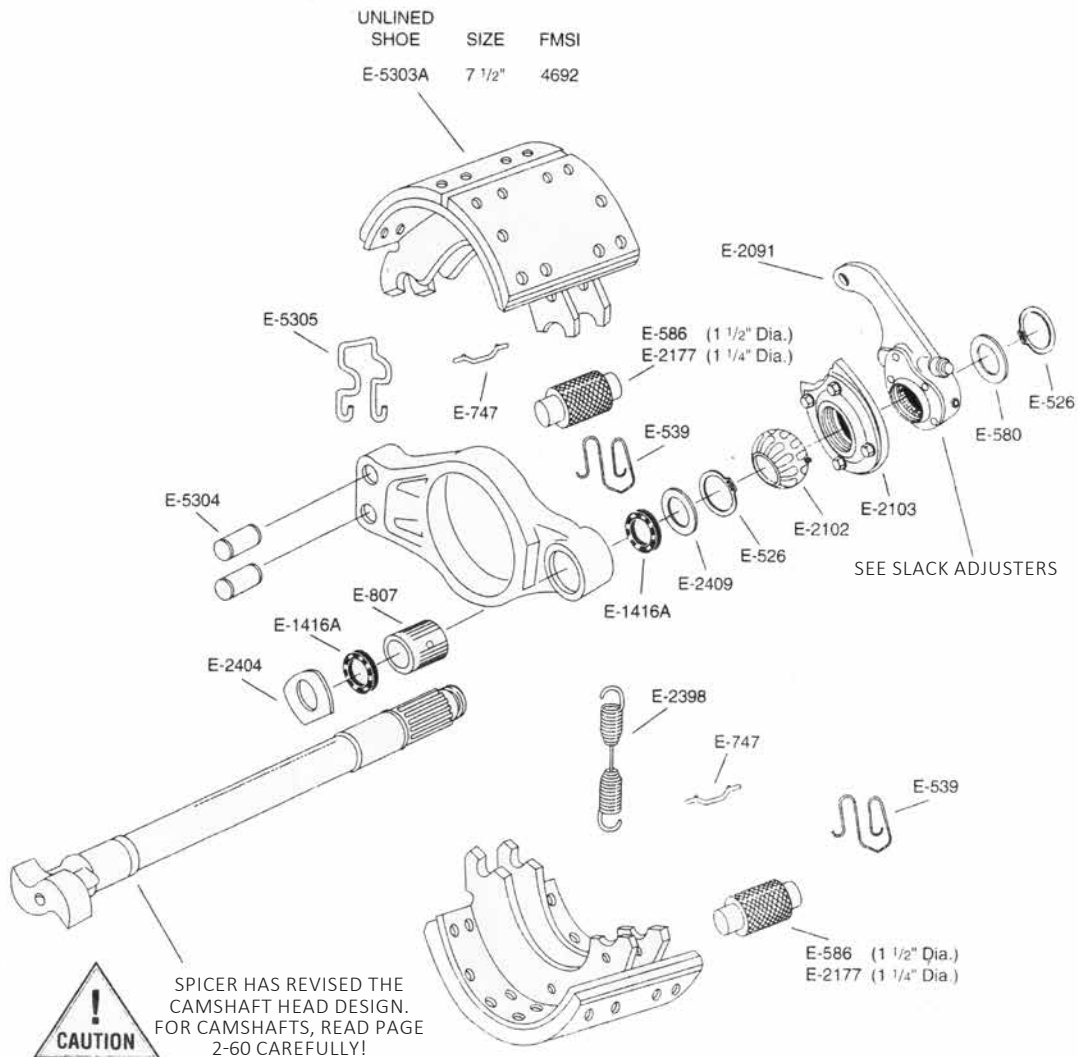
Note: For ABS-Equipped Axles, use Brake Repair Kit E-14539

SPICER (DANA) 12-1/4" DIAMETER U BRAKES

BRAKE HARDWARE

SPICER (DANA) 12-1/4" DIA. U BRAKES

PART NO.	PAGE NO.
E-526	2-108
E-527	1-107
E-539	1-110
E-580	2-105
E-747	1-119
E-807	2-98
E-1416A	2-103
E-2091	3-3
E-2102	2-99
E-2103	2-92
E-2177	1-101
E-2395	1-102
E-2396	1-103
E-2398	1-114
E-2399	1-119
E-2404	2-107
E-2409	2-105
E-3782	1-76
E-5303A	1-123
E-5304	1-104
E-5305	1-118
E-5306	1-77
E-5307	2-70
E-9283	1-77

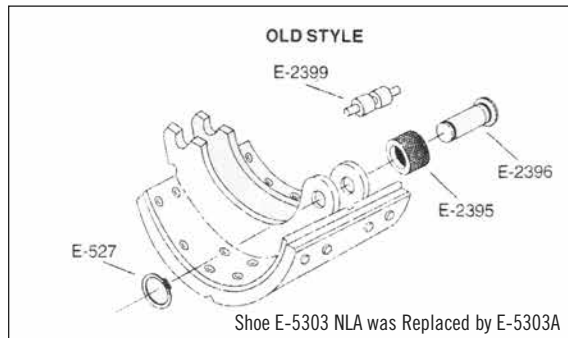


SPICER HAS REVISED THE CAMSHAFT HEAD DESIGN. FOR CAMSHAFTS, READ PAGE 2-60 CAREFULLY!

For New Style Brake Repair Kit use
E-3782 (1 1/4" Dia. Rollers)
E-9283 (1 1/2" Dia. Rollers)

For Old Style Brake Repair Kit use
E-5306

For Camshaft Repair Kit use
E-5307



PART NO.	PAGE NO.
E-03009	6-56
E-04000	6-56
E-540	6-37
E-572	6-37
E-573	6-40
E-975	6-56

OUTER CUP AND CONE
HM212011/HM212049
(D21, D22)

INNER CUP AND CONE
HM218210/HM218248 (D22)
653/663 (D21)

E-975 E-572 E-573 E-540

E-04000 E-03009

SEE WHEEL AND HUB PARTS SECTION

CAMSHAFT, BUSHINGS & BRACKET PARTS

PART NO.	PAGE NO.
E-526	2-108
E-536	2-98
E-580	2-105
E-719	2-106
E-759	2-98
E-807	2-98
E-1416A	2-103
E-2087	2-78
E-2102	2-99
E-2104	2-92
E-2287	2-81

(Bolt-on Spider)

SEE SLACK ADJUSTERS

E-1416A E-759 E-536 E-1416A E-719 E-526 E-2102 E-2104 E-580 E-526

SEE CAMSHAFT SECTION

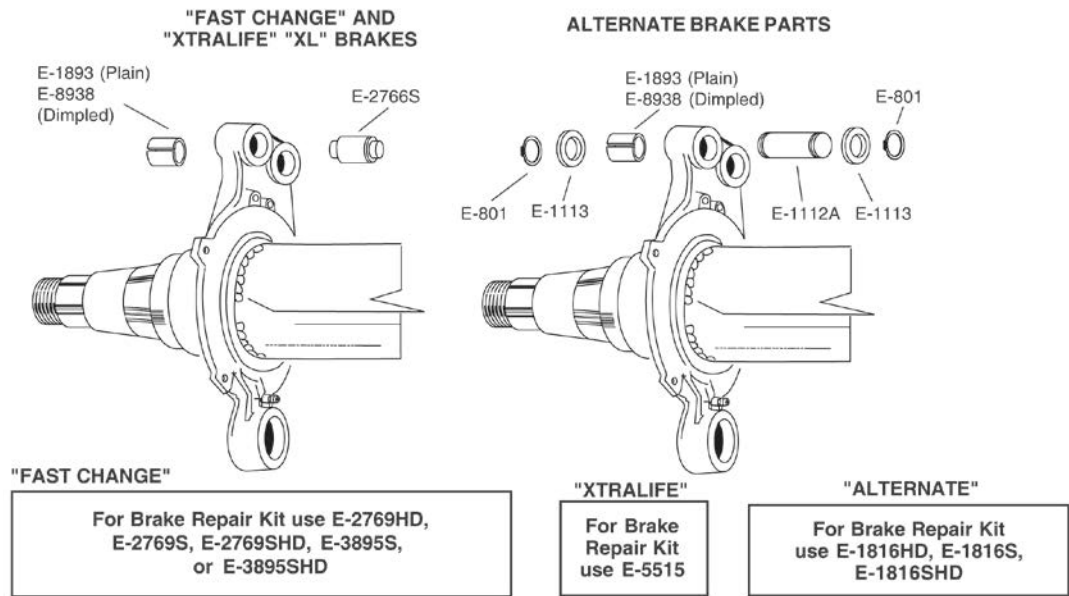
For Camshaft Repair Kit use E-2287

Optional Rigid Cam Support Bracket
E-759 (Nylon)
E-807 (Bronze)

For Camshaft Repair Kit use E-2087

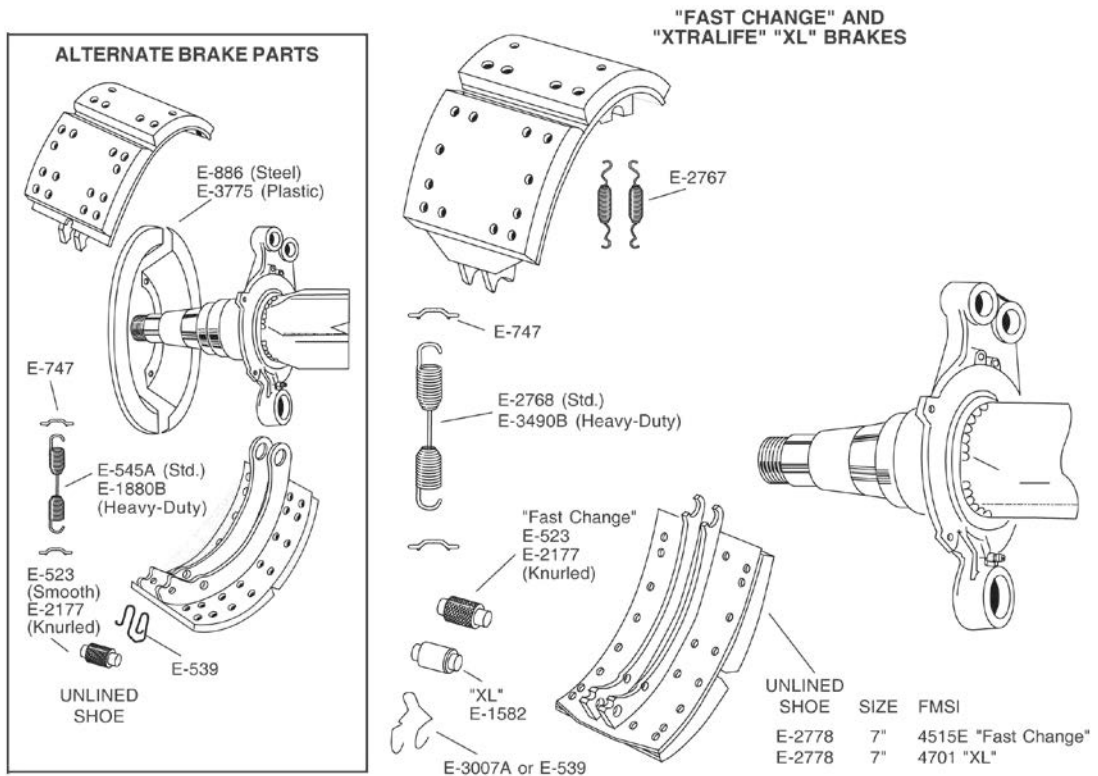
ANCHOR PIN VARIATIONS

PART NO.	PAGE NO.
E-801	1-108
E-1112A	1-104
E-1113	1-111
E-1816HD	1-97
E-1816S	1-97
E-1816SHD	1-97
E-1893	1-113
E-2766S	1-104
E-2769HD	1-92
E-2769S	1-92
E-2769SHD	1-92
E-3895S	1-96
E-3895SHD	1-96
E-5515	1-95
E-8938	1-113



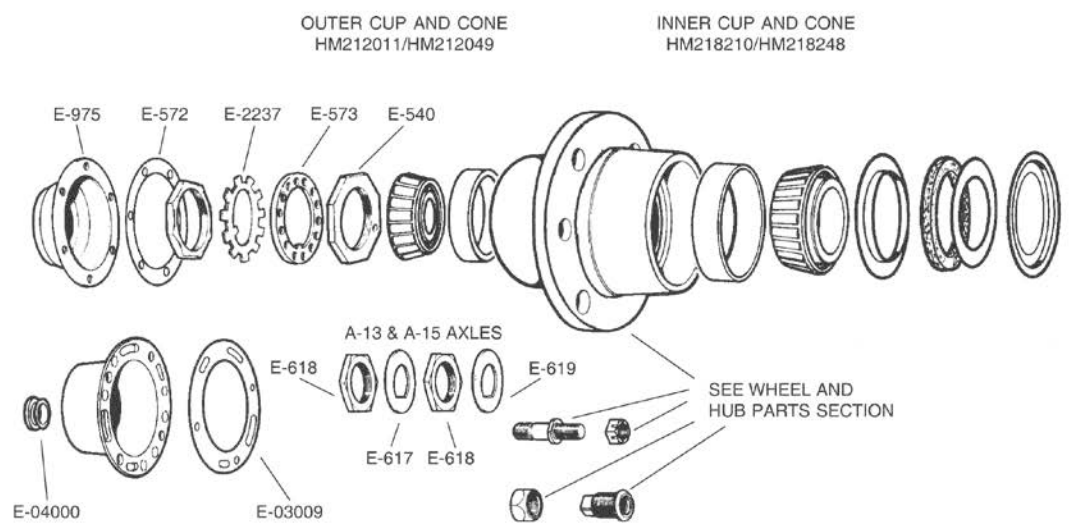
SHOES, ROLLERS, SPRING & DUST SHIELD

PART NO.	PAGE NO.
E-523	1-101
E-539	1-110
E-545A	1-116
E-747	1-119
E-886	1-129
E-1582	1-101
E-1880B	1-116
E-2177	1-101
E-2767	1-118
E-2768	1-116
E-2778	1-126
E-3007A	1-110
E-3490B	1-116
E-3775	1-129

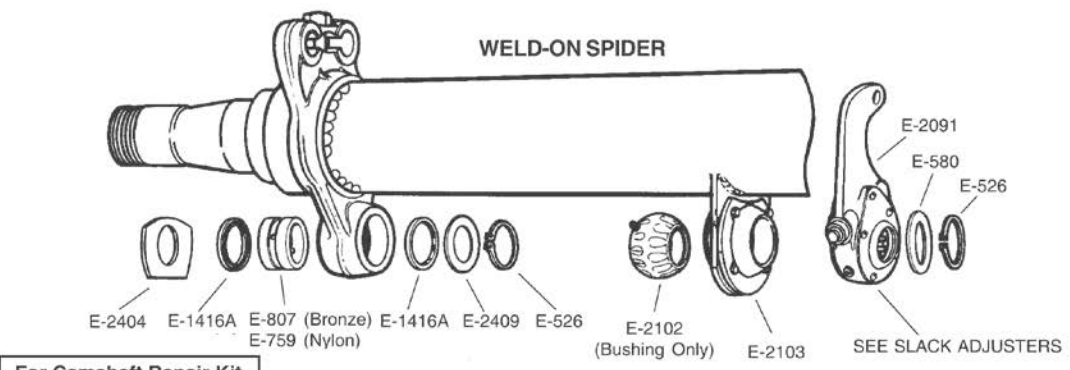


HUB CAPS, SPINDLE NUTS, SEALS & STUDS

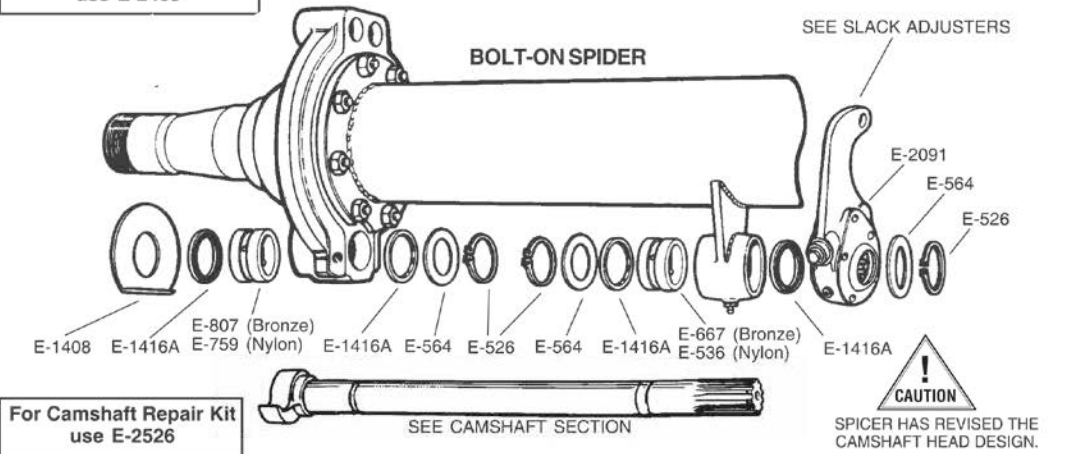
PART NO.	PAGE NO.
E-03009	6-56
E-04000	6-56
E-540	6-37
E-572	6-37
E-573	6-40
E-617	6-36
E-618	-
E-619	6-36
E-975	6-56
E-2237	6-40



PART NO.	PAGE NO.
E-526	2-108
E-536	2-98
E-564	2-105
E-580	2-105
E-667	2-71
E-759	2-98
E-807	2-98
E-1408	2-107
E-1416A	2-103
E-2091	3-3
E-2102	2-99
E-2103	2-92
E-2404	2-107
E-2409	2-105
E-2469	2-69
E-2526	2-70



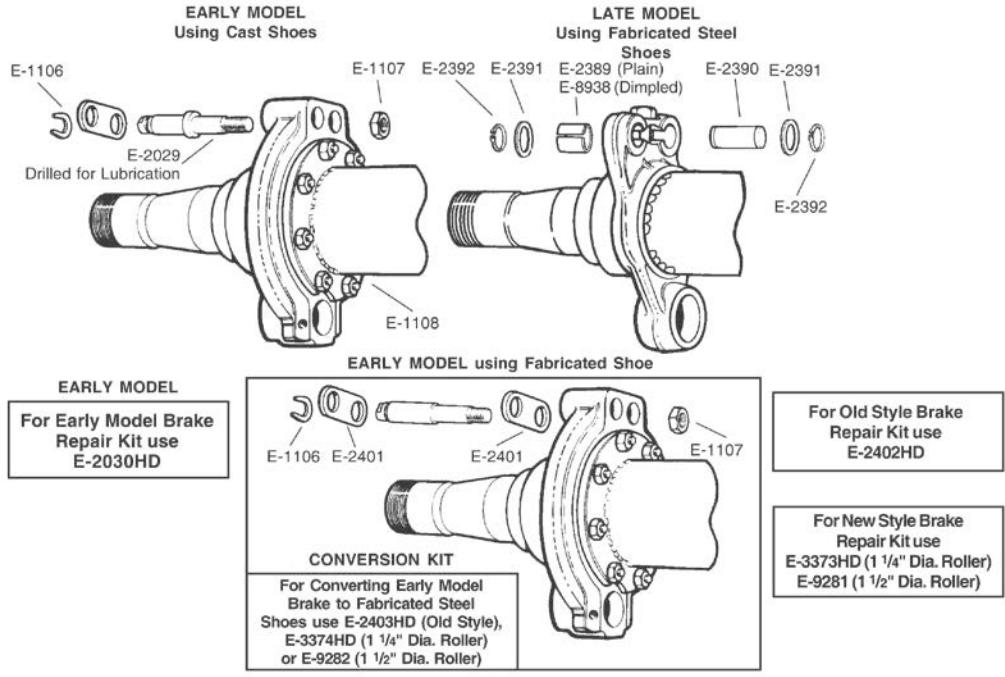
For Camshaft Repair Kit use E-2469



For Camshaft Repair Kit use E-2526

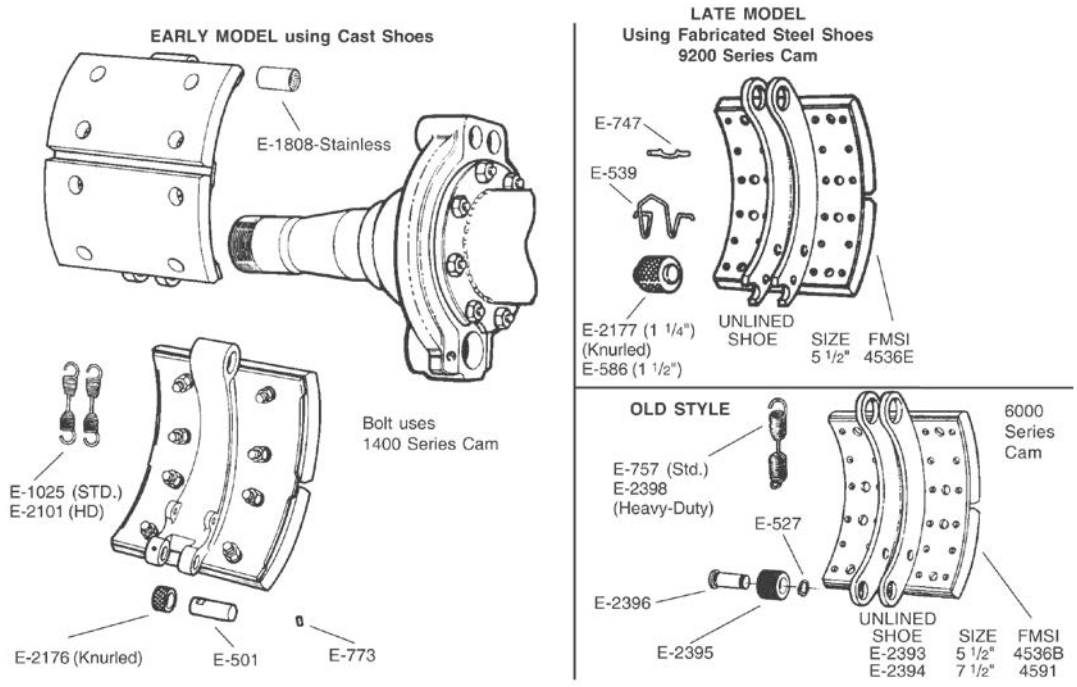
ANCHOR PIN VARIATIONS

PART NO.	PAGE NO.
E-1106	1-107
E-1107	1-109
E-1108	1-127
E-2029	1-105
E-2030HD	1-77
E-2389	1-113
E-2390	1-104
E-2391	1-111
E-2392	1-107
E-2401	1-109
E-2402HD	1-78
E-2403HD	1-74
E-3373HD	1-76
E-3374HD	1-74
E-8938	1-113
E-9281	1-76
E-9282	1-74



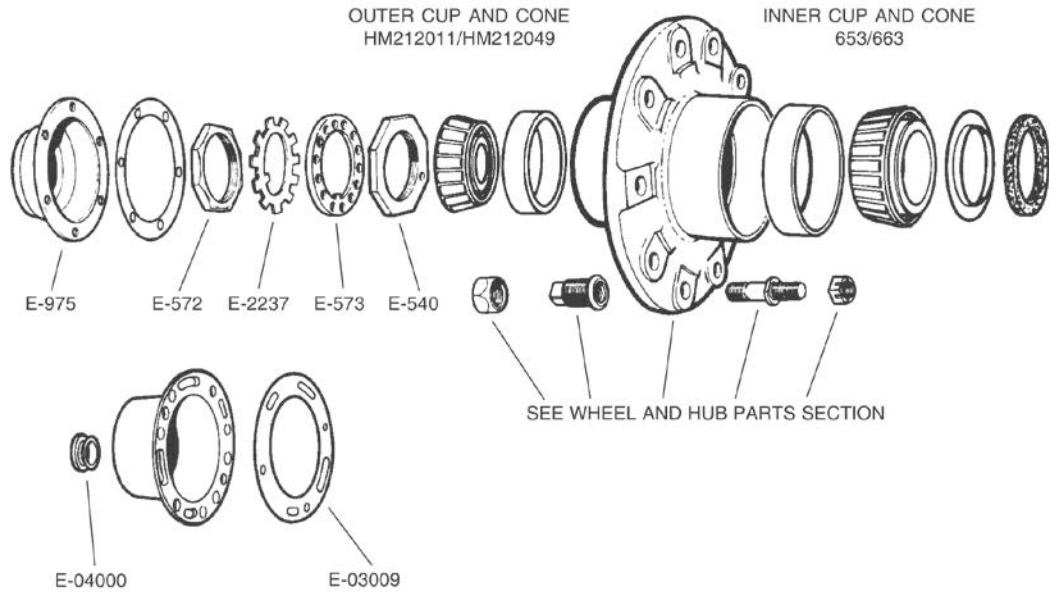
SHOES, ROLLERS, SPRING & DUST SHIELD

PART NO.	PAGE NO.
E-501	1-103
E-527	1-107
E-539	1-110
E-586	1-101
E-747	1-119
E-757	1-114
E-773	1-110
E-1025	1-114
E-1808	1-112
E-2101	1-114
E-2176	1-102
E-2177	1-101
E-2394	1-123
E-2395	1-102
E-2396	1-103
E-2398	1-114



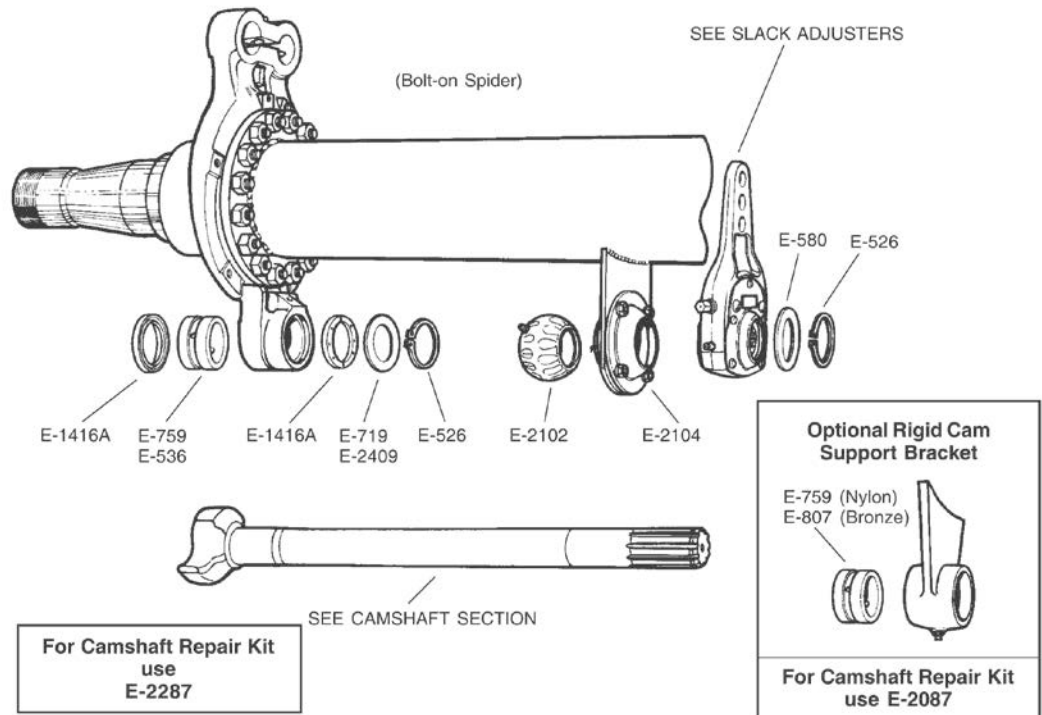
HUB CAPS, SPINDLE NUTS, SEALS & STUDS

PART NO.	PAGE NO.
E-03009	6-56
E-04000	6-56
E-540	6-37
E-572	6-37
E-573	6-40
E-975	6-56
E-2237	6-40



CAMSHAFTS, BUSHINGS & BRACKET PARTS

PART NO.	PAGE NO.
E-526	2-108
E-536	2-98
E-580	2-105
E-719	2-106
E-759	2-98
E-807	2-98
E-1416A	2-103
E-2087	2-78
E-2102	2-99
E-2104	2-92
E-2287	2-81
E-2409	2-105

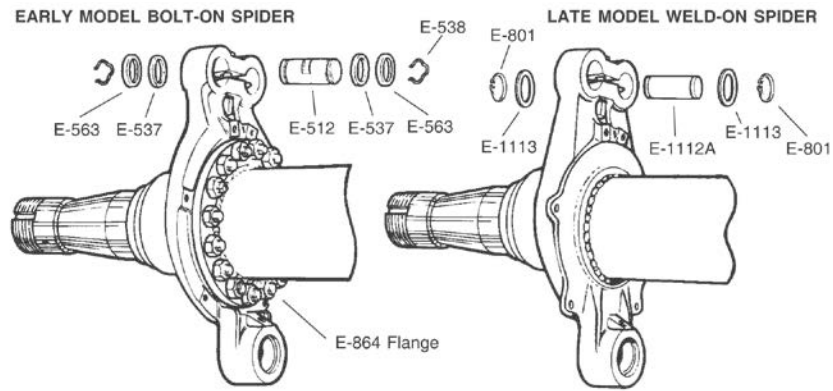


SERIES TRAILER AXLE WITH 16-1/2" DIAMETER BRAKES

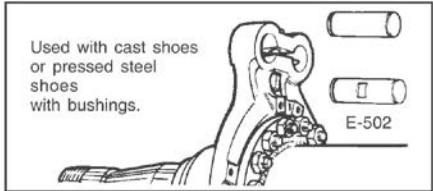
BRAKE HARDWARE

ANCHOR PIN VARIATIONS

PART NO.	PAGE NO.
E-502	1-105
E-512	1-104
E-537	1-107
E-563	1-107
E-801	1-108
E-864	1-127
E-1112A	1-104
E-1113	1-111
KIT-4S	1-94
KIT-4SHD	1-94

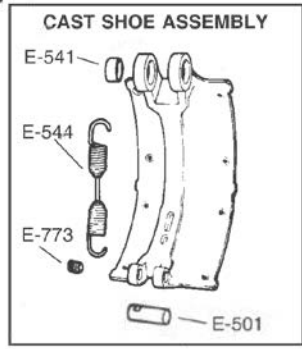
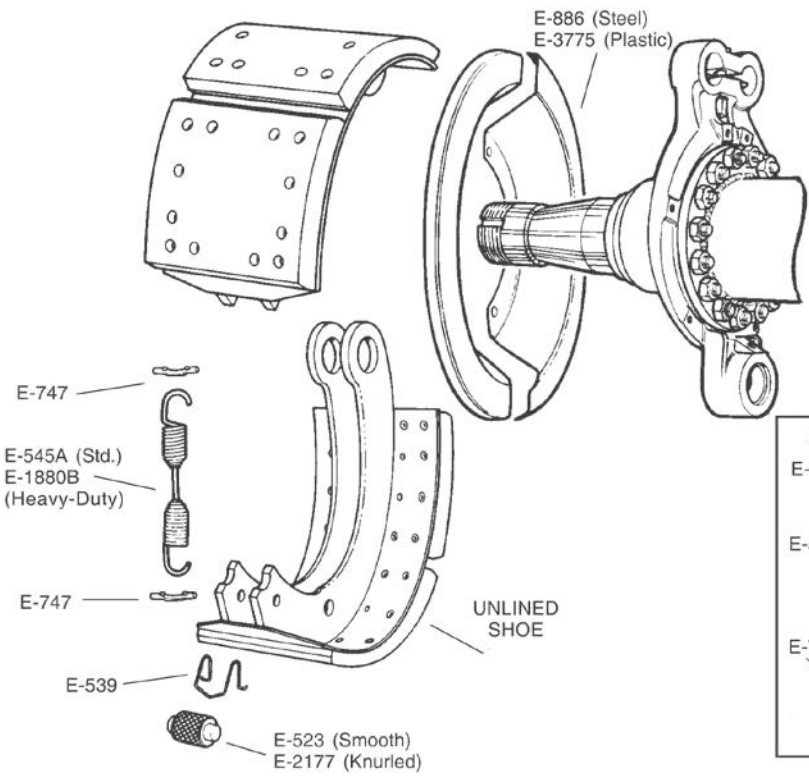


For Brake Repair Kit use
KIT-4S, KIT-4SHD



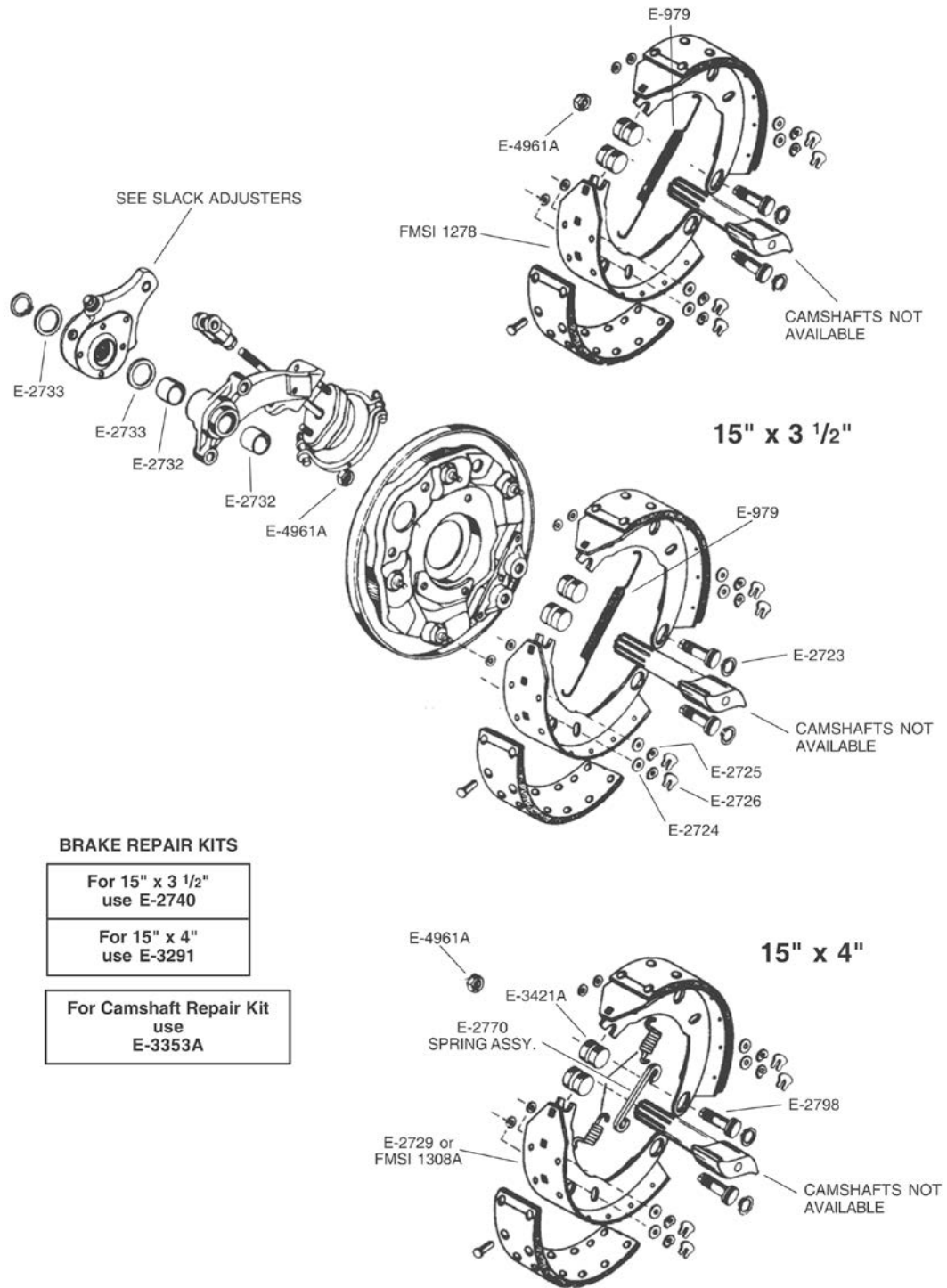
SHOES, ROLLERS, SPRING & DUST SHIELD

PART NO.	PAGE NO.
E-501	1-103
E-523	1-101
E-539	1-110
E-541	1-112
E-544	1-116
E-545A	1-116
E-747	1-119
E-773	1-110
E-886	1-129
E-1880B	1-116
E-2177	1-101
E-3775	1-129

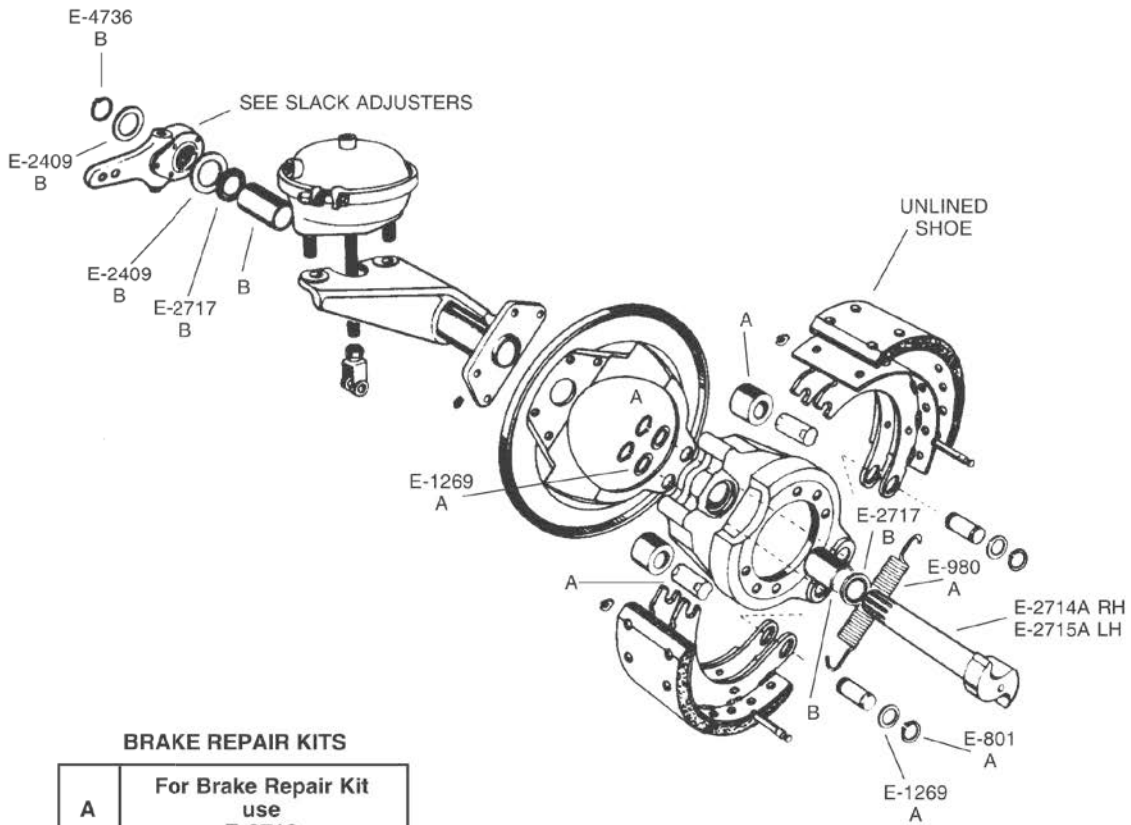


FRONT AXLE

PART NO.	PAGE NO.
E-979	1-115
E-2723	1-108
E-2724	1-111
E-2725	1-111
E-2726	1-111
E-2733	2-105
E-3291	1-83
E-3353A	2-74
E-3421A	1-101
E-4961A	1-109



PART NO.	PAGE NO.
E-801	1-108
E-980	1-115
E-1269	1-107
E-2409	2-105
E-2713	1-84
E-2714A	2-43
E-2715A	2-43
E-2717	2-103
E-3354	2-74
E-4736	2-108

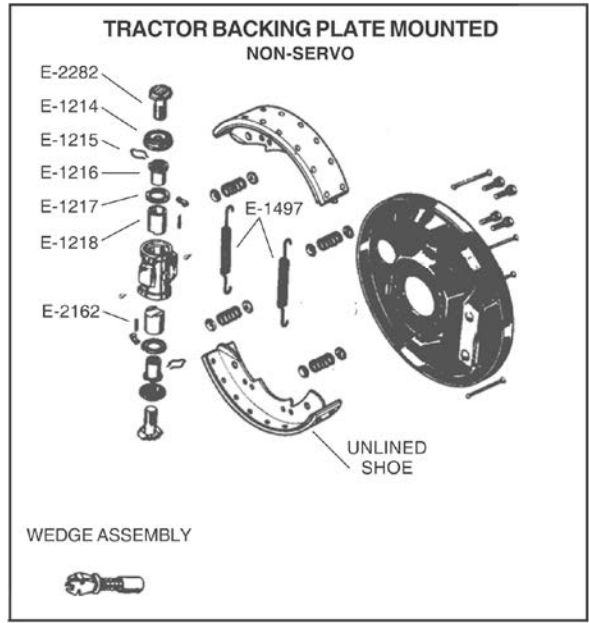
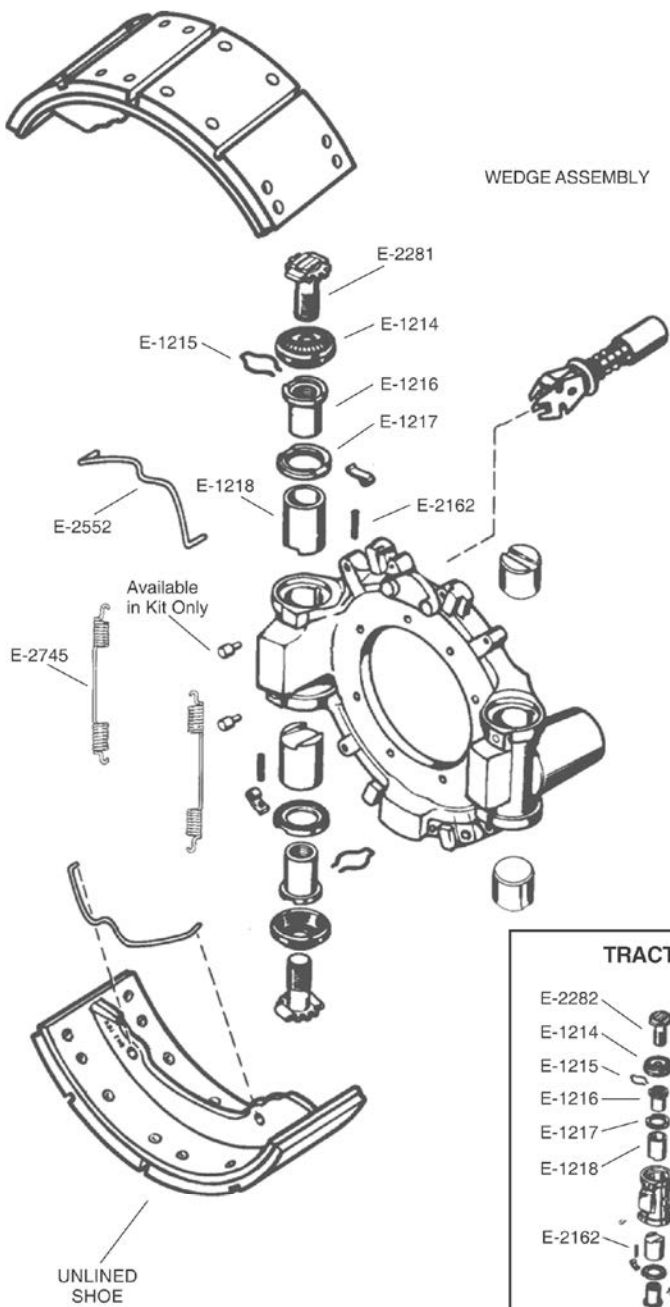


BRAKE REPAIR KITS

A	For Brake Repair Kit use E-2713
B	For Camshaft Repair Kit use E-3354

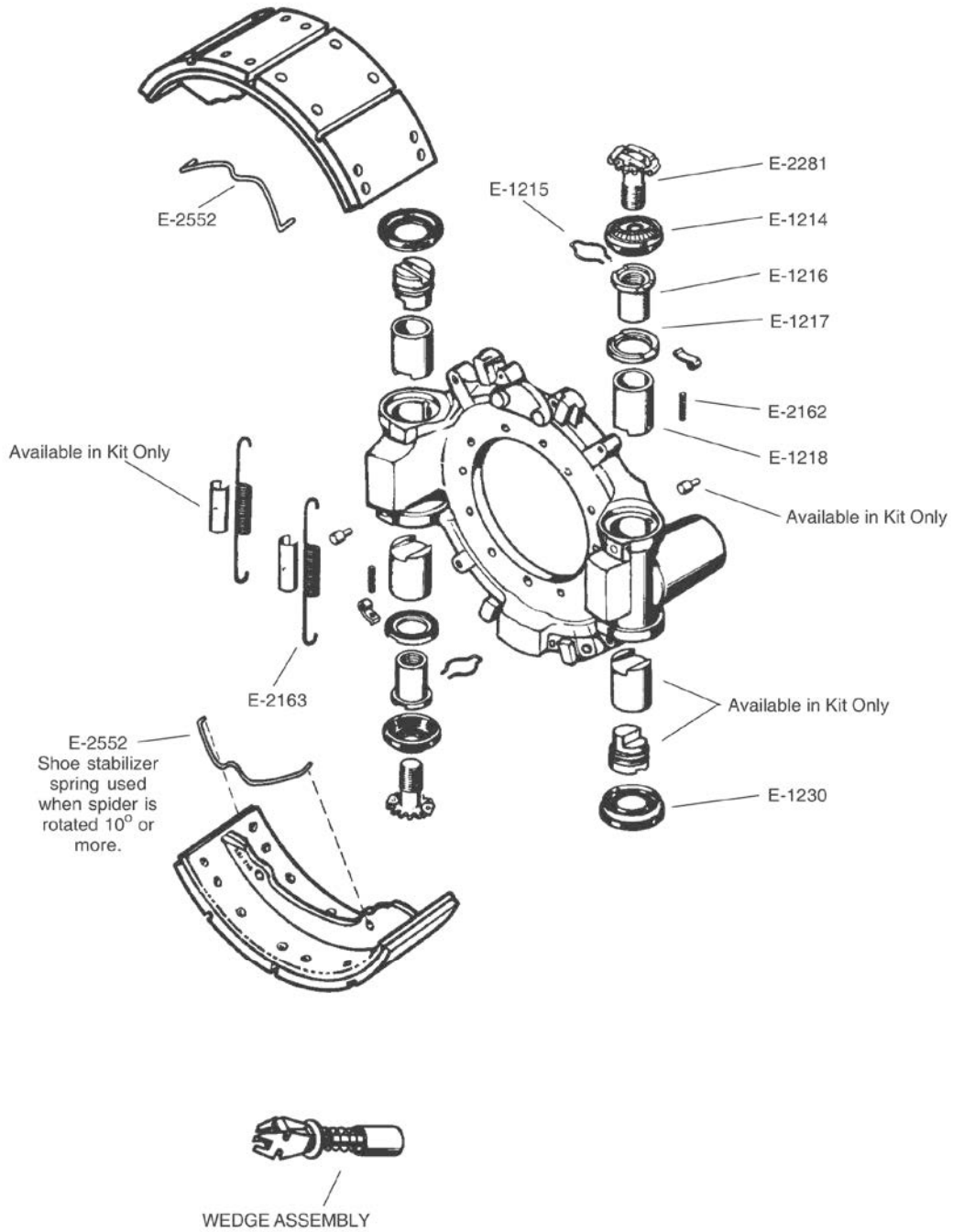
TRACTOR STEERING AXLE NON-SERVO

PART NO.	PAGE NO.
E-1214	5-4
E-1215	5-2
E-1216	5-2
E-1217	5-2
E-1218	5-3
E-2162	5-2
E-2281	5-2
E-2282	5-2
E-2552	5-3
E-2745	5-3



TRACTOR-TRAILER SPIDER MOUNTED BRAKE TWIN-PLEX

PART NO.	PAGE NO.
E-1214	5-4
E-1215	5-2
E-1216	5-2
E-1217	5-2
E-1218	5-3
E-1230	5-4
E-2162	5-2
E-2163	1-118
E-2281	5-2
E-2552	5-3



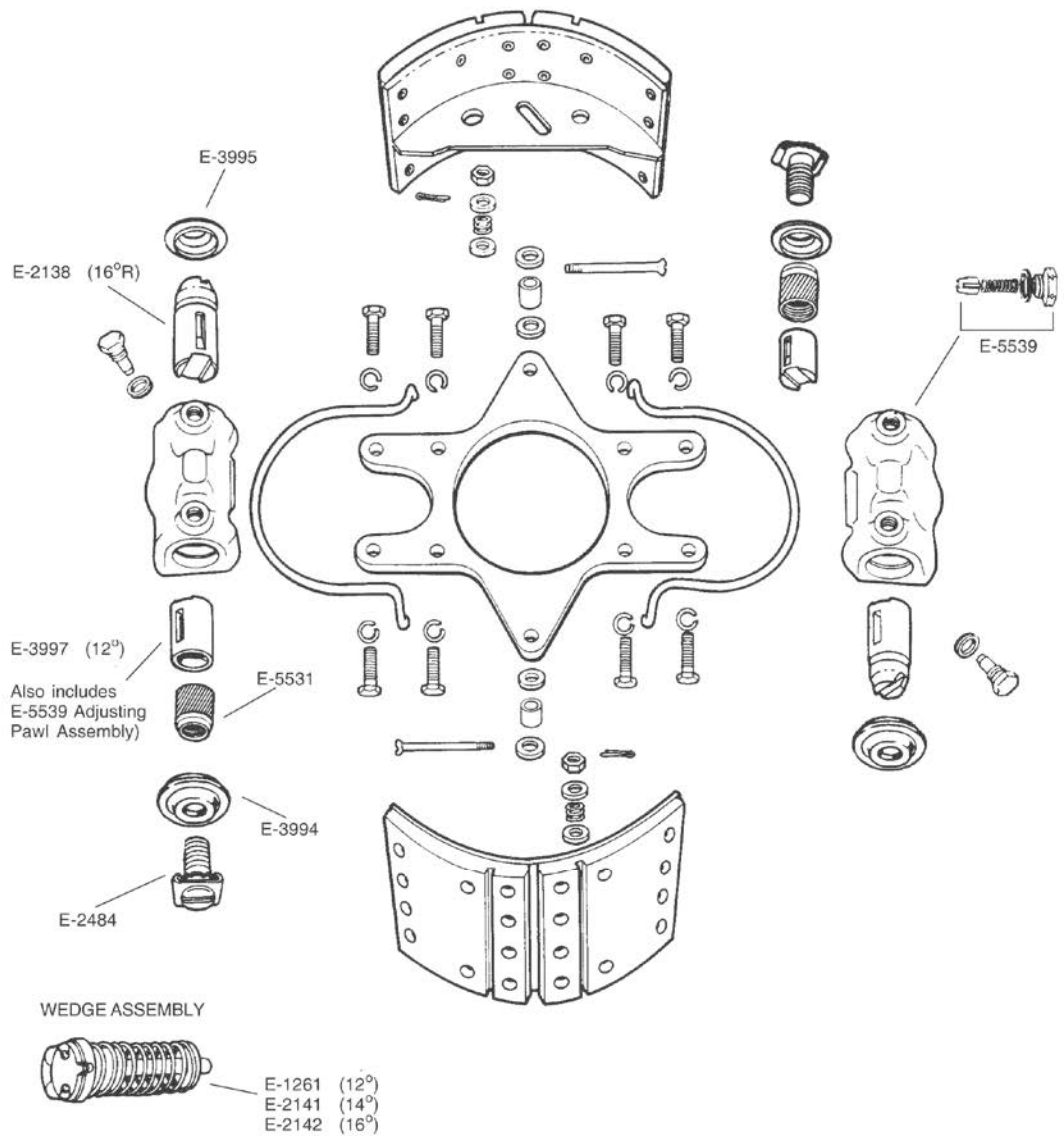
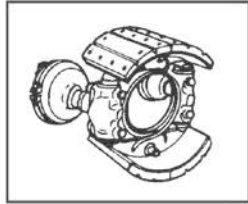
MERITOR STOPMASTER 12-1/4" DIAMETER WEDGE BRAKES

Brake and
Wheel End

BRAKE HARDWARE

TRAILER 12-1/4" SPIDER MOUNTED BRAKE

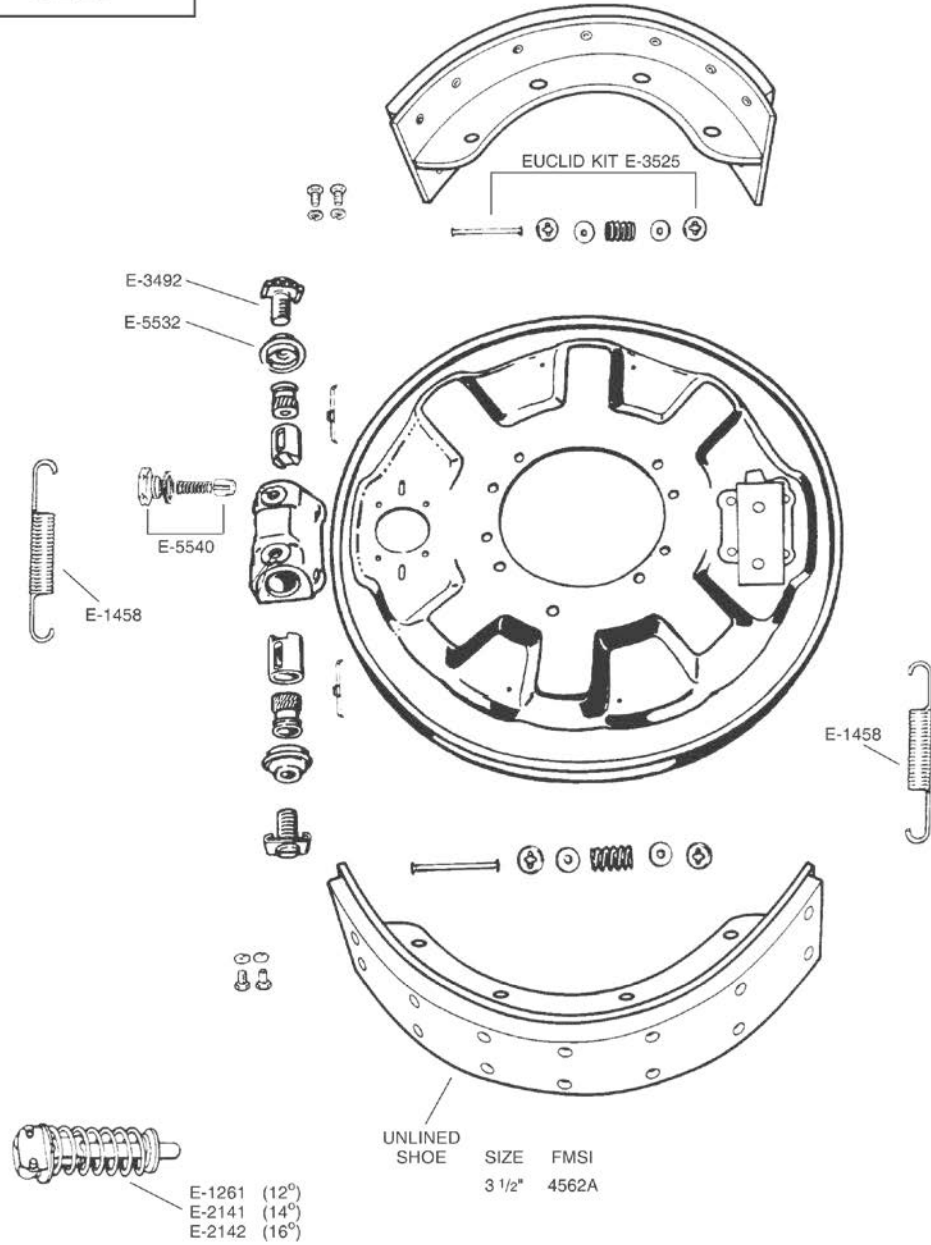
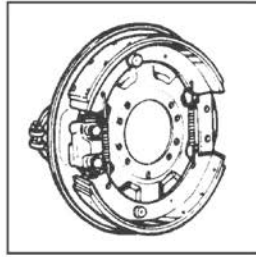
PART NO.	PAGE NO.
E-1136	5-6
E-1137	5-6
E-1261	5-8
E-2138	5-6
E-2141	5-8
E-2142	5-8
E-2484	5-5
E-3994	5-7
E-3995	5-7
E-3997	5-5
E-5531	5-5
E-5539	5-7



MERITOR STOPMASTER 15" DIAMETER WEDGE BRAKES

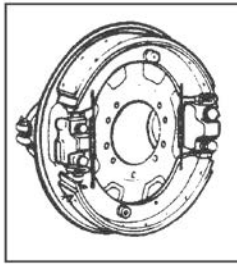
TRUCK & TRACTOR BACKING PLATE MOUNTED (DUAL ACTUATION)

PART NO.	PAGE NO.
E-1261	5-8
E-1458	1-117
E-2141	5-8
E-2142	5-8
E-3492	5-5
E-3525	5-10
E-5532	5-7
E-5540	5-7

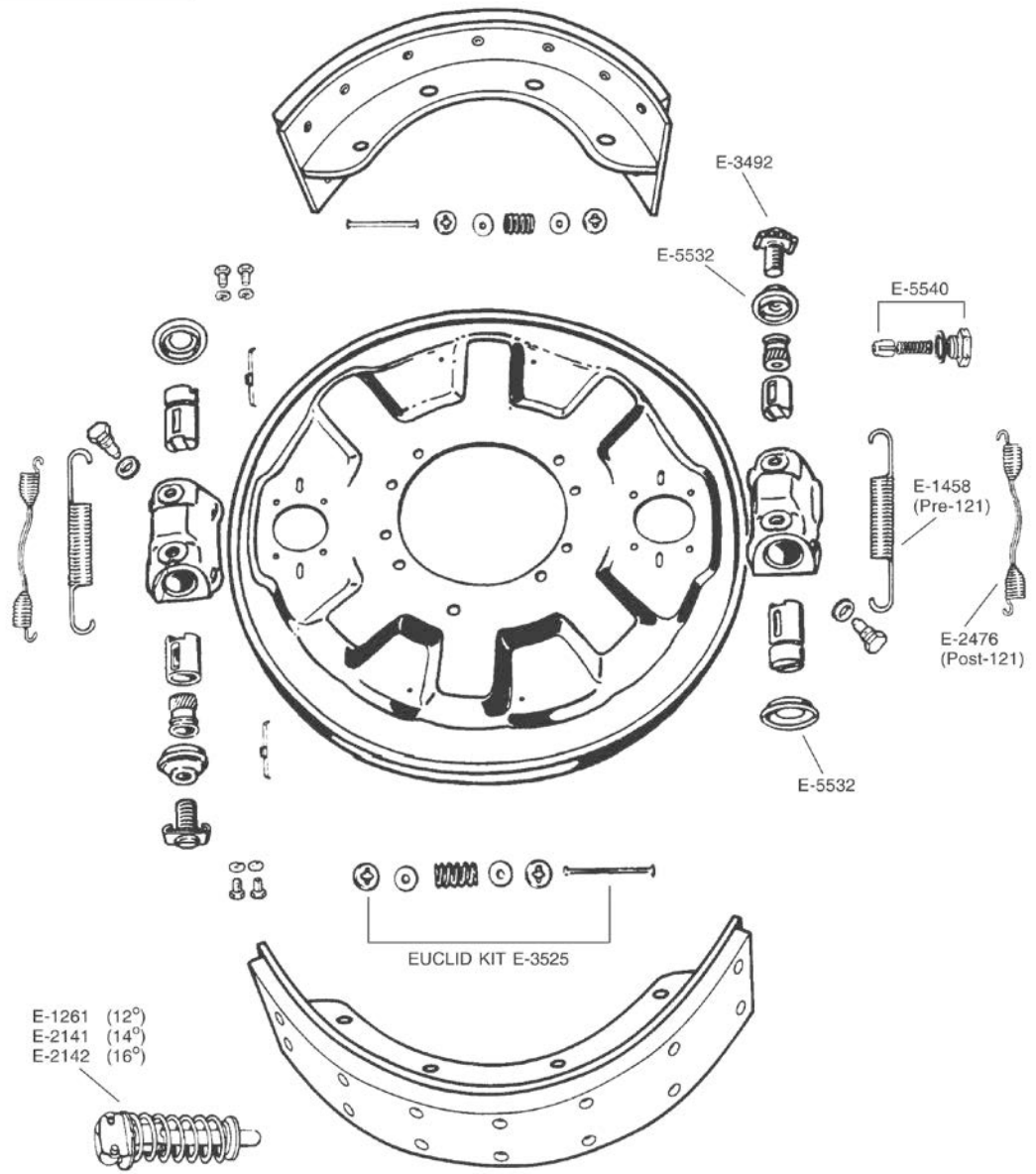


TRUCK & TRACTOR BACKING PLATE MOUNTED (SINGLE ACTUATION)

PART NO.	PAGE NO.
E-1261	5-8
E-1458	1-117
E-2141	5-8
E-2142	5-8
E-2476	1-118
E-3492	5-5
E-3525	5-10
E-5532	5-7
E-5540	5-7



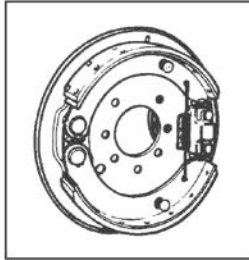
UNLINED SHOE
 SIZE 3 1/2"
 FMSI 4562A



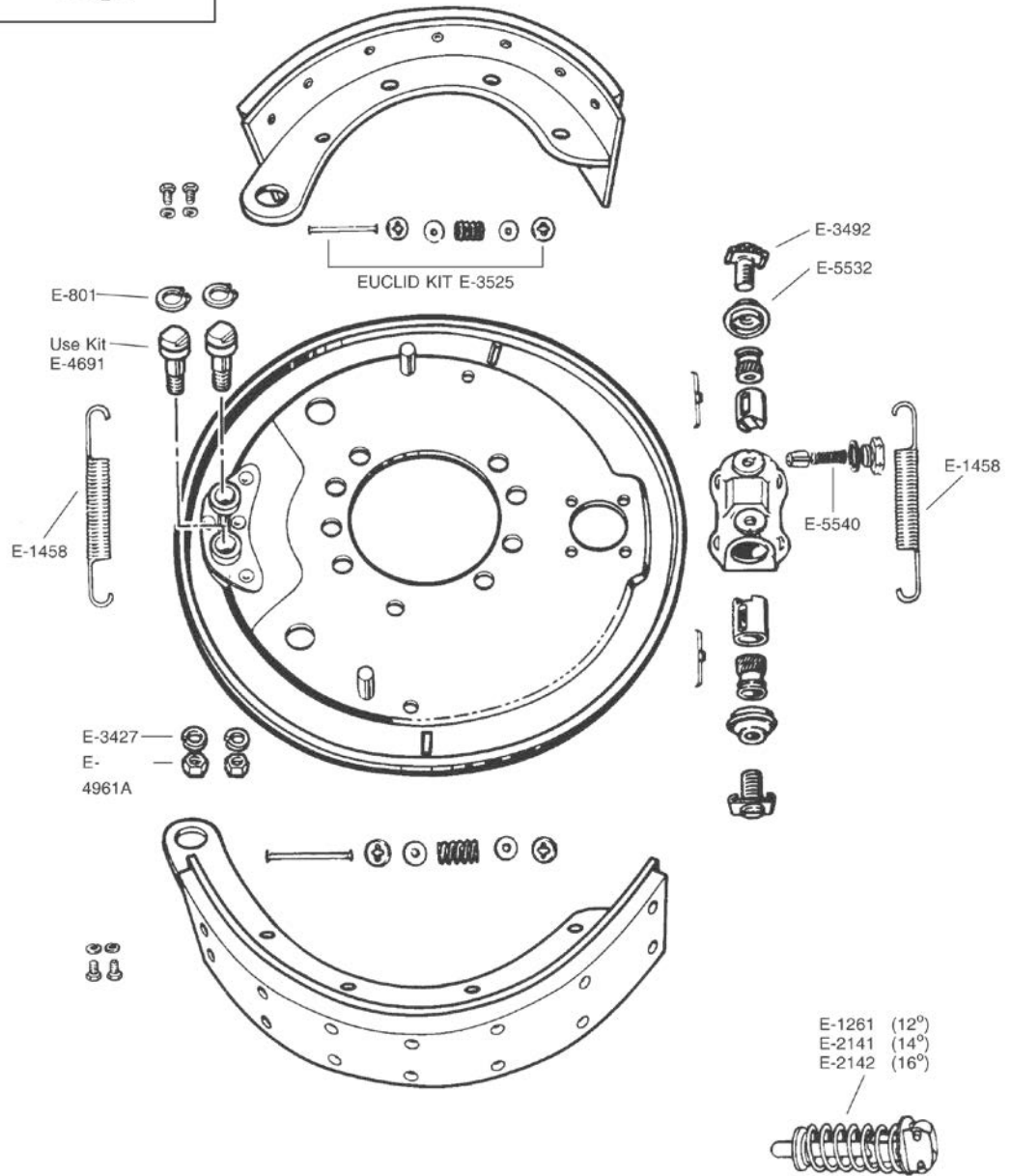
MERITOR STOPMASTER 15" DIAMETER RSA WEDGE BRAKES

TRUCK & TRACTOR BACKING PLATE MOUNTED (DUAL ANCHOR PIN)

PART NO.	PAGE NO.
E-801	1-108
E-1261	5-8
E-1458	1-117
E-2141	5-8
E-2142	5-8
E-3427	1-111
E-3492	5-5
E-3525	5-10
E-4691	1-82
E-4961A	1-109
E-5532	5-7
E-5540	5-7



UNLINED
SHOE SIZE FMSI
4" 1308



BRAKE HARDWARE

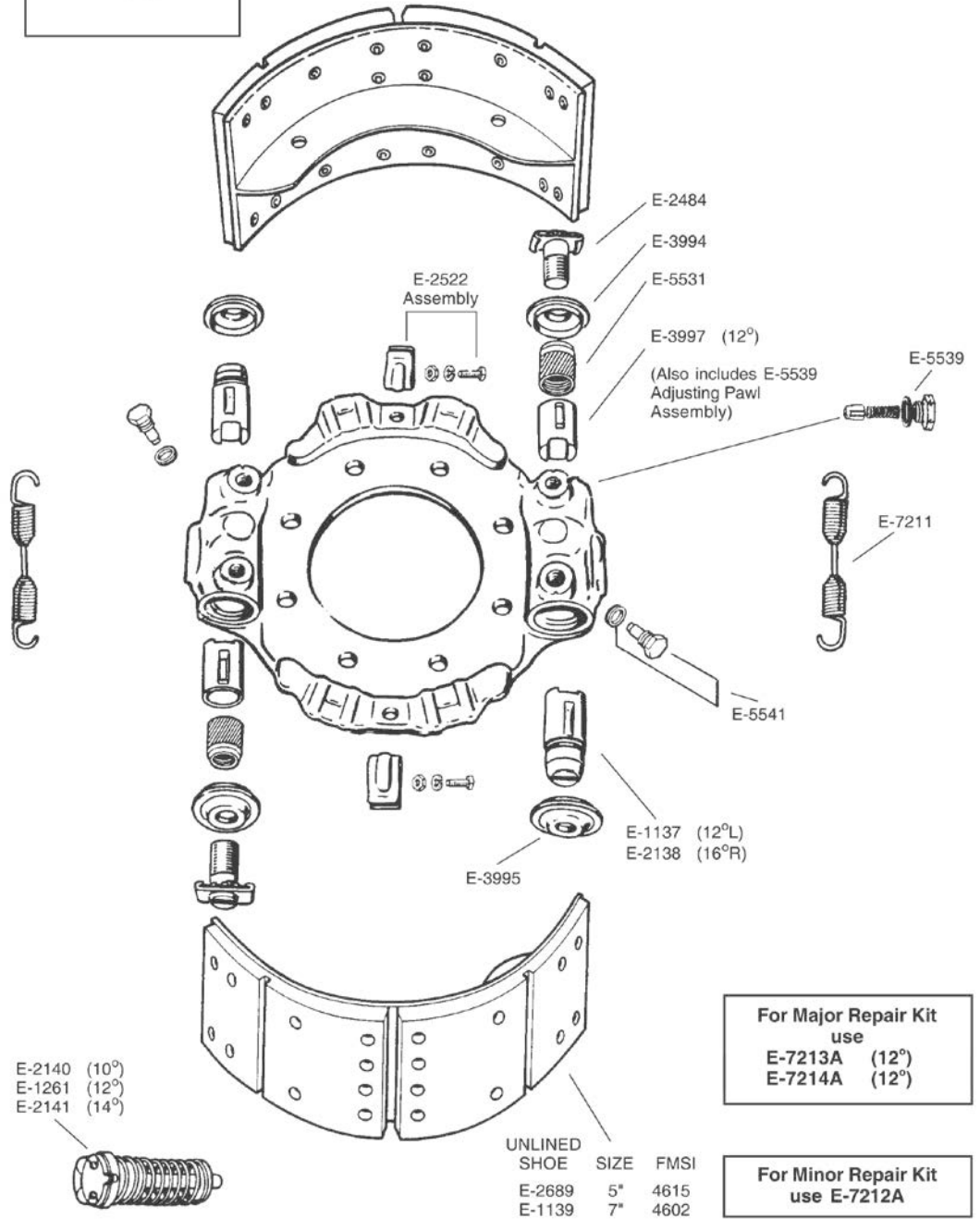
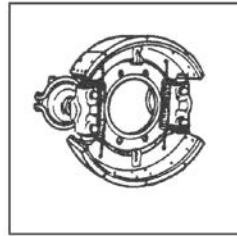
MERITOR STOPMASTER 15" DIAMETER WEDGE BRAKES

Brake and
Wheel End

BRAKE HARDWARE

TRUCK & TRACTOR BOLT-ON SPIDER

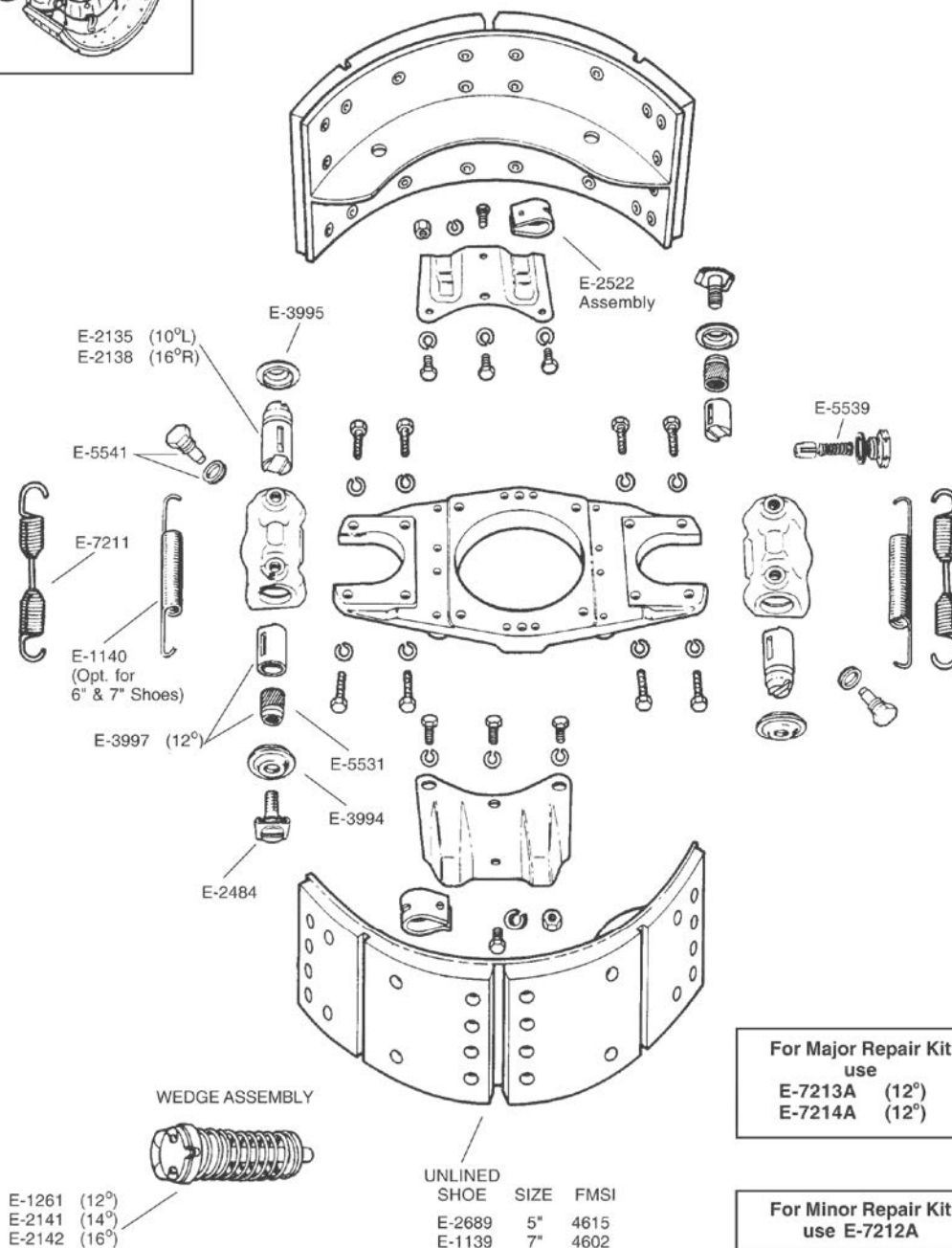
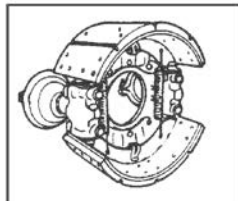
PART NO.	PAGE NO.
E-1136	5-6
E-1137	5-6
E-1139	1-124
E-1261	5-8
E-2138	5-6
E-2141	5-8
E-2484	5-5
E-2522	5-9
E-2689	1-124
E-3994	5-7
E-3997	5-5
E-5531	5-5
E-5539	5-7
E-7211	5-9
E-7212A	5-11
E-7213A	5-11
E-7214A	5-12



MERITOR STOPMASTER 15" DIAMETER WEDGE BRAKES

TRUCK & TRACTOR WELD-ON SPIDER WITH BOLT-ON HOUSING

PART NO.	PAGE NO.
E-1136	5-6
E-1137	5-6
E-1139	1-124
E-1140	1-118
E-1261	5-8
E-2138	5-6
E-2141	5-8
E-2142	5-8
E-2484	5-5
E-2522	5-9
E-2689	1-124
E-3994	5-7
E-3995	5-7
E-3997	5-5
E-5531	5-5
E-5539	5-7
E-7211	5-9
E-7212A	5-11
E-7213A	5-11
E-7214A	5-12



For Major Repair Kit
use
E-7213A (12°)
E-7214A (12°)

For Minor Repair Kit
use E-7212A

UNLINED SHOE	SIZE	FMSI
E-2689	5"	4615
E-1139	7"	4602

EUCLID BRAKE HARDWARE KITS



EUCLID ADVANTAGES

- Delivers both proven stopping performance and extended brake life to reduce maintenance costs
- All parts tested by Meritor to OE replacement specifications
- All parts engineered to manage the brake forces generated for superior performance
- Built-in technology leadership you expect from a global leader in brake manufacturing
- Proven quality control
- **MeritorPartsXpress.com** offers:
 - Expert technical support 24/7
 - Order entry/tracking
- Competitively priced to meet your needs
- Leading aftermarket warranty
- For total customer support, call our Customer Care Center 888.725.9355 or in Canada, 800.387.3889



THOUSANDS OF RELIABLE PARTS, ONE TRUSTED NAME

GENUINE BRAKE HARDWARE KIT COMPONENTS

Anchor Pins

Euclid anchor pins are case-hardened for longer life. Euclid MEGA PLUS™ anchor pins are hard chrome or zinc plated for corrosion resistance.



Euclid STOPMATE PLUS™ pins are zinc plated for maximum corrosion resistance.

All Euclid anchor pins provide a close fit between pin and shoe, yet allow the shoe to move freely.

Brake Shoe Rollers

Euclid "Posi Plus" shoe rollers add smooth radius edges to prevent flatspotting on the roller surface. When uneven brake cam pressure occurs, pressure is distributed evenly across the radius-edge surface of the roller to prevent cracks that lead to flat spots.



Euclid "Posi Plus" brake shoe rollers are included in MEGA PLUS and STOPMATE PLUS hardware kits.

Stainless Steel Anchor Pin Bushings

Euclid MEGA PLUS stainless steel anchor pin bushings feature an exclusive "dimpled" inner surface, which retains lubricant for easier pin removal.



Euclid STOPMATE PLUS kits feature stainless steel for corrosion resistance.

Brake Return Springs

Shot peening removes surface flaws – important under stress, since any flaws or forming marks become the weakest part of the spring. High-grade wire retains high spring tension for durability.



Euclid MEGA PLUS kits feature only heavy-duty 100-pound tension return springs.

Wire Roller Retainer

Coated to guard against corrosion, which can cause the brake shoe rollers to bind and accelerate camshaft wear.



UNMATCHED SERVICE AND SUPPORT

For complete product information, visit MeritorPartsXpress.com, our industry-leading online catalog, ordering and tracking system with real-time access to comprehensive parts information resources, including a reference library with complete technical drawings on components and systems. Our highly trained Customer Care team is equipped with the product specification, warranty and service information needed to deliver the best customer support. Call them at 888.725.9355 or in Canada, call 800.387.3889



THOUSANDS OF RELIABLE PARTS, ONE TRUSTED NAME

QUICK REFERENCE GUIDE								
BRAKE SHOE DIMENSIONS	BRAKE APPLICATION	FMSI	EUCLID					
			BRAKE KIT COMMENT	UNLINED SHOE	MEGA+	STOPMATE+	STOPMATE - BOXED	STOPMATE - BAGGED
12-1/4 Inch Brake Group								
12-1/4" x 7-1/2"	Dexter PQ	4591		E-10878	E-10875	Not available	Not available	Not available
	Standard Forge			E-2394	E-2402HD	Not available	Not available	Not available
	Standard Forge closed roller end				E-2402HD	Not available	Not available	Not available
	Dana Spicer Fast Change II	4692	For trailers without anti-lock braking systems (ABS)	E-10763	E-10756	E-9281	Not available	Not available
			For trailers with anti-lock braking systems (ABS)		E-14539		Not available	Not available
	Dana Spicer U		E-3782		E-9283	Not available	Not available	
	Hendrickson HXS		E-17378		Not available	Not available	Not available	
	Standard Forge open roller end			Not available	E-3373HD	Not available	Not available	Not available
Meritor Q	4670		Not available	E-3484	Not available	Not available	Not available	
14 Inch Brake Group								
14-1/2" x 5"	Meritor W	4398B		E-10804	E-10841A, E-10866A	Not available	Not available	Not available
14-1/2" x 8"	Meritor W	4541B		E-10805	E-10867	Not available	Not available	Not available
14-1/2" x 10"	Meritor W	4592A		E-10809	E-10869	Not available	Not available	Not available
15 Inch Brake Group								
15" x 4"	Eaton Front	1308TT		E-5126	E-5139	Not available	E-1308EN	E-1308EB
	Meritor T Front			Not available	E-4691	Not available	Not available	Not available
	Meritor Q		With anchor pin bushings	E-5528	E-3869	E-7899	E-1308Q	
	Meritor Q		Without anchor pin bushings	Not available	Not available	Not available	E-1308QMA	E-1308QMAB
	Eaton ES Front	1443TT		E-9027	E-5139	Not available	E-1308EN	E-1308EB
	Bendix	4693		Not available	E-7231	Not available	Not available	Not available
	Meritor Q+	4702		E-9062	E-9064	Not available	E-4702KTN	E-4702KTB
	Eaton ES - 2nd Generation	4729		Not available	E-11981	Not available	Not available	Not available
15" x 5"	Meritor Q+	4703		E-11453	E-9064	Not available	E-4702KTN	E-4702KTB
15" x 6"	Meritor Q+	4704		E-11454	E-9064	Not available	E-4702KTN	E-4702KTB
	Lucas Hydraulic	4504A		E-4019	Not available	Not available	Not available	Not available
15" x 7"	Lucas Hydraulic	4505A		E-4020	Not available	Not available	Not available	Not available
	Meritor Q+	4705		E-11455	E-9064	Not available	E-4702KTN	E-4702KTB
15" x 8-5/8"	Eaton ES	4717		E-9036	E-9039	Not available	Not available	Not available
	Meritor Q+	4710IMT	For IMT trailer axles	Not available	E-9064	Not available	E-4702KTN	E-4702KTB
	Meritor Q+	4710		E-11456	E-9064	Not available	E-4702KTN	E-4702KTB

QUICK REFERENCE GUIDE									
BRAKE SHOE DIMENSIONS	BRAKE APPLICATION	FMSI	EUCLID						
			BRAKE KIT COMMENT	UNLINED SHOE	MEGA+	STOPMATE+	STOPMATE - BOXED	STOPMATE - BAGGED	
16 1/2 Inch Brake Group									
16-1/2" x 5"	Eaton ES	4719		E-10270	E-10760	Not available	E-4719EN	E-4719EB	
	Eaton ES	4719R		E-10270	E-10760	Not available	E-4719EN	E-4719EB	
	Eaton ES Low Mount	4223E		E-1778	E-1887AHD	E-1887ASHD	E-4311EHDN	E-4311EHDB	
	Eaton ES High Mount	4223EH		E-2474	E-1887AHD	E-1887ASHD	E-4311EHDN	E-4311EHDB	
	Meritor P	4524P	Standard duty without anchor pin bushings	Not available	Not available	KIT4S	E-4515P	Not available	
			Heavy duty			KIT4HD	KIT4SHD		E-4515PHD
	Meritor Q	4524B	Standard duty with anchor pin bushings	Not available	Not available	E-2769HD	E-2769SHD	E-4515QN	E-4515QB
			Standard duty without anchor pin bushings			E-6999SHD	E-6999S	E-4515QMBN	E-4515QMBB
	Meritor Q with relocated return spring hole	4524B		Not available	E-9644	Not available	E-4720QHDN	E-4720QHDB	
Meritor Q+	4720		E-10854	E-9644	Not available	E-4720QHDN	E-4720QHDB		
16-1/2" x 6"	Eaton ES	4725R		E-10271	E-10760	E-10244	E-4709ES2N	E-4709ES2B	
	Eaton ES - 2nd Generation	4725			E-10760	E-10244	E-4709ES2N	E-4709ES2B	
	Eaton Low Mount	4317E		E-9509	E-1887AHD	E-1887ASHD	E-4311EHDN	E-4311EHDB	
	Eaton High Mount	4317G			E-1887AHD	E-1887ASHD	E-4311EHDN	E-4311EHDB	
	Meritor P	4514G	Standard duty	Not available	Not available	KIT4S	E-4515P	Not available	
			Heavy duty			KIT4HD	KIT4SHD		E-4515PHD
	Meritor Q	4514G	With anchor pin bushings	Not available	Not available	E-2769HD	E-2769SHD	E-4515QN	E-4515QB
			Standard duty without anchor pin bushings			E-6999SHD	E-6999S	E-4515QN	E-4515QB
Meritor Q with relocated return spring hole	4514G		Not available	E-9644	Not available	E-4720QHDN	E-4720QHDB		
Meritor Q+	4715		Not available	E-9644	Not available	E-4720QHDN	E-4720QHDB		
16-1/2" x 7"	Eaton	4311J		E-1778	E-1887AHD	E-1887ASHD	E-4311EHDN	E-4311EHDB	
	Eaton Top Spec/ ES for Meritor Q Brake	4708		E-8924	E-8925	Not available	Not available	Not available	
	Fruehauf P	4515E	Standard duty	Not available	Not available	E-3710S	E-4515X	Not available	
	Fruehauf XEM 3rd Generation		Standard duty	Not available	Not available	E-3710S	E-4515X	Not available	
			Heavy duty	E-3920	E-3710HD	E-3710SHD	E-4515XHD	E-4515XHDB	
	Meritor P	4515G		E-2241	Not available	KIT4S	E-4515P	Not available	
	Meritor P	4515G		E-2241	Not available	KIT4S	E-4515P	Not available	
	Meritor P Cast	4515		Not available	E-11974	Not available	Not available	Not available	
Meritor Q	4514G	With anchor pin bushings	E-2778	Not available	E-2769HD	E-2769SHD	E-4515QN	E-4515QB	
		Standard duty without anchor pin bushings			E-6999SHD	E-6999S	E-4515QMBN	E-4515QMBB	

QUICK REFERENCE GUIDE								
BRAKE SHOE DIMENSIONS	BRAKE APPLICATION	FMSI	EUCLID					
			BRAKE KIT COMMENT	UNLINED SHOE	MEGA+	STOPMATE+	STOPMATE - BOXED	STOPMATE - BAGGED
16-1/2" x 7"	Meritor Q	4514G	With anchor pin bushings	Not available	E-2769HD	E-2769SHD	E-4515QN	E-4515QB
			Standard duty without anchor pin bushings	Not available	E-6999SHD	E-6999S	E-4515QMBN	E-4515QMBB
	Meritor Q+	4707	Heavy duty with anchor pin bushings	Not available	E-2769HD	E-2769SHD	E-4515QHDN	E-4515QHDB
			Heavy duty without anchor pin bushings	Not available	E-6999SHD	E-6999S	E-4515QMB-HDN	E-4515QMB-HDB
	Meritor Q+ Heavy Duty	4707		Not available	E-11976	Not available	Not available	Not available
	Meritor Q+ Heavy Duty with high mount spring hole			Not available	Not available	Not available	Not available	Not available
	Eaton ES	4709		Not available	E-3801	E-11318	E-4709ESN	E-4709E-SB
	Eaton ES - 2nd Generation			E-10272	E-10760	E-10244	E-4709ES2N	E-4709ES2B
	Spicer XL		4708		E-8925	Not available	E-4515QN	E-4515QB
Spicer XL	4701			E-8925	Not available	E-4515QN	E-4515QB	
16-1/2" x 8-5/8"	Eaton	4674		E-10273	E-1887AHD	E-1887ASHD	E-4311EHDN	E-4311EHDB
	Eaton ES	4726			E-10760	E-10244	E-4709ESN	E-4709ESB
					E-10760	E-10244	E-4709ES2N	E-4709ES2B
	Fruehauf XEM 3rd Offset	4551B	Heavy duty	Not available	E-3710HD	E-3710SHD	E-4515XHD	E-4515XHDB
			Heavy duty with anchor pin bushings	E-3522	E-2769HD	E-2769SHD	E-4515QHDN	E-4515QHDB
			Heavy duty without anchor pin bushings		E-6999SHD	E-6999S	E-4515QMB-HDN	E-4515QMB-HDB
	Meritor Q+	4711	Heavy duty with anchor pin bushings	E-10844	E-2769HD	E-2769SHD	E-4515QHDN	E-4515QHDB
			Heavy duty without anchor pin bushings		E-6999SHD	E-6999S	E-4515QMB-HDN	E-4515QMB-HDB
	Meritor Q+	4718	Heavy duty with anchor pin bushings	Not available	E-2769HD	E-2769SHD	E-4515QHDN	E-4515QHDB
			Heavy duty without anchor pin bushings	Not available	E-6999SHD	E-6999S	E-4515QMB-HDN	E-4515QMB-HDB
Meritor Cast Plus	4728		Not available	Not available	Not available	Not available	Not available	
16-1/2" x 10"	Meritor Q	4552Q	Heavy duty with anchor pin bushings	E-3417	E-2769HD	E-2769SHD	E-4515QHDN	E-4515QHDB
			Heavy duty without anchor pin bushings		E-6999SHD	E-6999S	E-4515QMB-HDN	E-4515QMB-HDB
	Meritor P/Q	4567	Standard duty	Not available	Not available	KIT4S	E-4515P	Not available
			Heavy duty	Not available	KIT4HD	KIT4SHD	E-4515PHD	E-4515PHDB
18 Inch Brake Group								
18" x 7"	Eaton Cast	4527B		E-2801	E-2821	Not available	Not available	Not available
	Meritor P Cast	4471		E-4902	E-3518	Not available	Not available	Not available









E-3374HD		MEGA PLUS		CONVERT SPICER (DANA) 12-1/4" BRAKE FROM CAST TO FAB SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-2414	Brake Shoe Anchor Pin	Contains Euclid's own design anchor pin (E-2414) that allows fabricated steel shoes to be used with Std. Forge's bolt-on Spider for Cast Shoes. For use with old style "FAST-RISE" Camshafts only. Contains new Posi-Plus roller.		
2	2	E-2401	Anchor Pin Link			
3	2	E-1107	Anchor Pin Jam Nut			
4	2	E-2392	Anchor Pin Retainer			
5	2	E-11741	Roller			
6	1	E-2398	Return Spring			
7	2	E-3007A	Roller Retainer			
8	2	E-747	Spring Retainer			






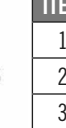
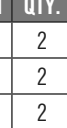
E-9282		MEGA PLUS		CONVERT SPICER (DANA) 12-1/4" BRAKE FROM CAST TO FAB SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-2414	Brake Shoe Anchor Pin	Contains Euclid's own design anchor pin (E-2414) that allows fabricated steel shoes to be used with Std. Forge's bolt-on Spider for Cast Shoes. For use with New Style Camshafts.		
2	2	E-2401	Anchor Pin Link			
3	2	E-1107	Anchor Pin Jam Nut			
4	2	E-2392	Anchor Pin Retainer			
5	2	E-586	Roller			
6	1	E-2398	Return Spring			
7	2	E-539	Roller Retainer			
8	2	E-747	Spring Retainer			










E-2403HD		MEGA PLUS		CONVERT STD. FORGE 12-1/4" BRAKE FROM CAST TO FAB SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-2414	Brake Shoe Anchor Pin	Contains Euclid's own design anchor pin (E-2414) that allows fabricated steel shoes to be used with Std. Forge's bolt-on Spider for Cast Shoes. For use with the following Brake Shoe: E-2394 (7-1/2")		
2	2	E-2401	Anchor Pin Link			
3	2	E-1107	Anchor Pin Jam Nut			
4	2	E-2392	Anchor Pin Retainer			
5	2	E-2395	Roller			
6	2	E-2396	Roller Pin			
7	2	E-527	Roller Pin Retainer			
8	1	E-2398	Return Spring			
9	2	E-2399	Retainer			








E-10875		MEGA PLUS		DEXTER 12-1/4" PQ BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-2766S	Anchor Pin	For use with the following Dexter 12-1/4" PQ Brake Shoes: E-10876, E-10877, E-10878		
2	2	E-1893	Anchor Pin Bushing			
3	2	E-2767	Retainer Spring			
4	1	E-2398	Return Spring			
5	2	E-2396	Roller Pin			
6	2	E-2395	Roller			
7	4	E-527	Roller Pin Retainer			
8	2	E-747	Spring Retainer			

*Not Sold Separately

E-2126 MEGA PLUS		EATON 12-1/4" SINGLE ANCHOR PIN BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	1	NSS*	Anchor Pin	For use with the following Brake Shoe: E-1398 (7-1/2")
	2	E-580	Camshaft Spacer Washer	
	1	E-526	Camshaft Lock Ring	
	2	NSS*	Roller	
	1	E-937	Locknut	
	1	NSS*	Return Spring	
	2	E-1400	Return Spring	
	1	E-3975	Lock Washer	

E-2286 MEGA PLUS		FRUEHAUF PRO-PAR® 12-1/4" BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-609	Anchor Pin	For use with the following Brake Shoe: E-1580 (8")
	2	NSS*	Roll Pin	
	2	E-920	Anchor Pin Bushing	
	2	E-747	Spring Retainer	
	2	E-1581	Retainer	
	2	E-1582	Roller	
	1	E-1583	Return Spring	

E-3484 MEGA PLUS		MERITOR 12-1/4" Q BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-2766S	Anchor Pin	For use with the following Brake Shoe: E-3491 (7-1/2").
	2	E-1893	Anchor Pin Bushing	
	2	E-2767	Retainer Spring	E-3481A Return Spring applies to brake spider on trailer axles made before August 2019.
	1	E-3481A	Return Spring	
	2	E-3482	Roller Pin	Item #9 applies to brake spider on trailer axles made after August 2019.
	2	NSS*	Roller	
	4	E-527	Roller Pin Retainer	
	2	E-747	Spring Retainer	
	1	NSS*	Return Spring	

E-10756 MEGA PLUS		SPICER (DANA) 12-1/4" BRAKE WITH FABRICATED SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-2766S	Anchor Pin	For use on Post 11/1/96 spiders that use stepped anchor pins (Spicer 7-1/2" Brake Shoe No. M12WN127-X). This 12-1/4" brake utilizes many components used on the standard 16-1/2" Fast Change Brake. For use with "0794" Camshafts only.
	2	E-586	Roller	
	2	E-1893S	Anchor Pin Bushing	
	2	E-2767	Retainer Spring	
	1	E-2398	Return Spring	
	2	E-747	Spring Retainer	
	2	E-539	Roller Retainer	

*Not Sold Separately

E-14539		MEGA PLUS		SPICER (DANA) 12-1/4" BRAKE WITH FABRICATED SHOES FOR ABS				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	NSS*	Anchor Pin	For use on on Pre 11/1/96 and Post 11/1/12 brakes. This 12-1/4" brake utilizes many components used on the standard 16-1/2" Fast Change Brake. For use with "0794" Camshafts only.
2	2	E-586	Roller					
3	2	NSS*	Roller Retainer					
4	2	E-14657	Retainer Spring					
5	1	NSS*	Return Spring					
6	4	E-2392	Spring Retainer					
7	2	E-2766S	Pin					
8	2	E-1893S	Bushing					
9	2	E-747	Retainer					
10	4	E-2391	Washer					

E-3373HD		MEGA PLUS		SPICER (DANA) 12-1/4" BRAKE WITH FABRICATED SHOES				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	E-2390	Anchor Pin	For use with Old Style "FAST-RISE" Camshafts only. Contains new Posi-Plus roller.
2	4	E-2391	Anchor Pin Washer					
3	4	E-2392	Anchor Pin Retainer					
4	2	E-11741	Roller					
5	1	E-2398	Return Spring					
6	2	E-2389	Anchor Pin Bushing					
7	2	E-3007A	Roller Retainer					
8	2	E-747	Spring Retainer					

E-9281		MEGA PLUS		SPICER (DANA) 12-1/4" BRAKE WITH FABRICATED SHOES				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	E-2390	Anchor Pin	For use with the following Brake Shoes:
2	4	E-2391	Anchor Pin Washer					
3	4	E-2392	Anchor Pin Retainer					
4	2	E-586	Roller					
5	1	E-2398	Return Spring					
6	2	E-2389	Anchor Pin Bushing					
7	2	E-539	Roller Retainer					
8	2	E-747	Spring Retainer					

E-3782		MEGA PLUS		SPICER (DANA) 12-1/4" NEW STYLE U BRAKE				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	E-5304	Anchor Pin	For use with Old Style "FAST-RISE" Camshafts only. Contains new Posi-Plus roller. For use with the following Brake Shoe: E-5303A (7-1/2")
2	2	E-11741	Roller					
3	2	E-3007A	Roller Retainer					
4	1	E-2398	Return Spring					
5	2	E-747	Spring Retainer					
6	1	E-5305	Retainer Spring					

*Not Sold Separately











E-10757 MEGA PLUS		SPICER (DANA) 12-1/4" BRAKE WITH FABRICATED SHOES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO. Retrofit Kit for use of Spicer 7-1/2" Brake Shoe No. M12WN127-X on Pre 11/1/96 spiders that use straight anchor pins. For use with "0794" Camshafts only.
		1	2	E-2390	Anchor Pin	
		2	2	E-586	Roller	
		3	2	E-2389	Anchor Pin Bushing	
		4	4	E-2391	Anchor Pin Washer	
		5	4	E-2392	Anchor Pin Retainer	
		6	2	E-2767	Retainer Spring	
		7	1	E-2398	Return Spring	
		8	2	E-747	Spring Retainer	
9	2	E-539	Roller Retainer			


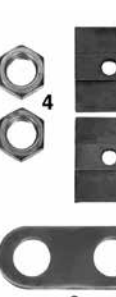






E-9283 MEGA PLUS		SPICER (DANA) 12-1/4" NEW STYLE U BRAKE				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO. For use with New Style Camshafts E-9263 through E-9280.
		1	2	E-5304	Anchor Pin	
		2	2	E-586	Roller	
		3	2	E-539	Roller Retainer	
		4	1	E-2398	Return Spring	
		5	2	E-747	Spring Retainer	
6	1	E-5305	Retainer Spring			







E-5306 MEGA PLUS		SPICER (DANA) 12-1/4" OLD STYLE U BRAKE				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO. For use with the old style Brake Shoe: E-5303 (7-1/2") which is No Longer Available.
		1	2	E-5304	Anchor Pin	
		2	2	E-2395	Roller	
		3	2	E-2396	Roller Pin	
		4	1	E-2398	Return Spring	
		5	2	E-2399	Retainer	
		6	2	E-527	Roller Pin Retainer	
7	1	E-5305	Retainer Spring			







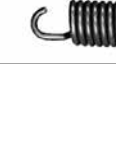
E-2030HD MEGA PLUS		SPICER (DANA) AND STD. FORGE 12-1/4" BRAKE WITH CAST SHOES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO. For use with the following Brake Shoes: E-1412A (5-1/2"), E-1413A (7-1/2")
		1	2	E-2029	Anchor Pin	
		2	1	NSS*	Anchor Pin Link	
		3	2	E-10776	Anchor Pin Lock Ring	
		4	2	E-1107	Anchor Pin Jam Nut	
		5	2	E-2101	Return Spring	
		6	2	E-1808	Brake Shoe Bushing	
		7	2	E-2176	Roller	
		8	2	E-501	Roller Pin	
		9	2	E-773	Roller Pin Set Screw	
10	2	E-1106	Anchor Pin Lock Washer			

*Not Sold Separately







E-2402HD		MEGA PLUS STANDARD FORGE 12-1/4" BRAKE WITH FABRICATED SHOES			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-2390	Anchor Pin	For use with the following Brake Shoes: E-9025 (4"), E-9026 (5"), E-2393 (5-1/2"), E-2394 (7-1/2")	
	4	E-2391	Anchor Pin Washer		
	4	E-2392	Anchor Pin Retainer		
	2	E-2395	Roller		
	2	E-2396	Roller Pin		
	2	E-527	Roller Pin Retainer		
	1	E-2398	Return Spring		
	2	E-2399	Retainer		
	2	E-2389	Anchor Pin Bushing		
	2	E-1106	Anchor Pin Lock Washer		








E-1812		MEGA PLUS STD. FORGE 12-1/4" BRAKE WITH FLAT HEAD CAMSHAFTS			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-1813	Brake Shoe Anchor Pin	For old style cast brake with flat head camshafts. Cannot change to S cam. Shoe no longer available.	
	1	NSS*	Anchor Pin Link		
	2	E-1106	Anchor Pin Lock Washer		
	2	E-1107	Anchor Pin Jam Nut		
	2	E-1025	Return Spring		
	2	E-1808	Brake Shoe Bushing		
	2	NSS*	Brake Shoe Wear Plate		
	2	NSS*	Screw		

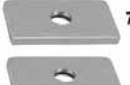






E-10867		MEGA PLUS MERITOR COACH 14-1/2" W SERIES BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	1	E-10826	Return Spring	For use with the following Meritor Coach 14-1/2" x 8" W Series Brake Shoe, Type 1: E-10805 (8")	
	2	E-10828	Anchor Pin Bushing		
	2	E-4961A	3/4"-16 Lock Nut		
	2	E-10823	Roller		
	2	E-10831	Anchor Pin Washer		
	2	E-10832	Anchor Pin Washer		





E-10869		MEGA PLUS MERITOR COACH 14-1/2" W SERIES BRAKE DRIVE AXLE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-10828	Anchor Pin Bushing	For use with the following Meritor Coach 14-1/2" x 10" W Series Brake Shoe, Type 1 and Type 3: E-10810 (10")	
	2	E-4961A	3/4"-16 Lock Nut		
	1	E-10826	Return Spring		
	2	E-10824	Roller		
	2	E-5095	Camshaft Spacer Washer		
	2	E-10833	Anchor Pin Washer		
	2	E-10865	Lock Washer		

*Not Sold Separately

E-10870 MEGA PLUS		MERITOR COACH 14-1/2" W SERIES BRAKE DRIVE AXLE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	1	E-10826	Return Spring	For use with the following Meritor Coach 14-1/2" x 10" W Series Brake Shoe, Type 2: E-10809 (10")
	4	E-10834	Anchor Pin Lock Ring	
	2	E-10836	Anchor Pin Bushing	
	2	NSS*	Roller	
	2	E-10835	Anchor Pin	
	2	NSS*	Bolt	

E-10841-A MEGA PLUS		MERITOR COACH 14-1/2" W SERIES BRAKE STEER AXLE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-10818	Return Spring	For use with the following Meritor Coach 14-1/2" x 4" and 6" W Series Brake Shoes: E-10802 (4"), E-10803 (6")
	2	E-10814	Anchor Pin	
	2	NSS*	Lock Bolt	
	1	E-10817	Anchor Pin Lock	
	2	E-10812	Roller	
	4	E-801	Lock Ring	
	2	NSS*	Washer	

E-10866-A MEGA PLUS		MERITOR COACH 14-1/2" W SERIES BRAKE STEER AXLE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-10818	Return Spring	For use with the following Meritor Coach 14-1/2" x 5" W Series Brake Shoe: E-10804
	2	NSS*	Washer	
	2	NSS*	Lock Bolt	
	2	NSS*	Nut	
	2	E-10812	Roller	
	2	E-10819	Anchor Pin Link	
	2	E-10817	Anchor Pin Lock	

E-11981 MEGA PLUS		EATON 15" SINGLE ANCHOR PIN FRONT BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-10198	Retainer Spring	For use with the following Brake Shoe: E-11982 (4"). FMSI 4729.
	1	NSS*	Return Spring	
	2	E-5477	Roller	
	2	E-5478	Roller Retainer	

*Not Sold Separately
 U.S. 888-725-9355
 Canada 800-387-3889

E-1308EN STOPMATE		EATON 15" SINGLE ANCHOR PIN FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-3421A	Roller	Stopmate version of E-5139	
2	1	NSS*	Retainer Spring		
3	1	NSS*	Return Spring		

E-5139 MEGA PLUS		EATON 15" SINGLE ANCHOR PIN FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-3421A	Roller	For use with the following Brake Shoe: E-5126 (4")	
2	1	E-5122	Retainer Spring		
3	1	E-5123	Return Spring		

E-4702-KT STOPMATE		MERITOR 15" Q+ FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-2766S	Anchor Pin	Stopmate version of E-9064. For use with the following Brake Shoes: E-9062 (4"), E-11453 (5"), E-11454 (6"), E-11455 (7") Also available bagged as part number E-4702-KIT-B	
2	1	E-9063	Return Spring		
4	2	E-2177	Roller		
5	2	E-1893S	Anchor Pin Bushing		
6	2	E-747	Spring Retainer		
7	2	E-3007A	Roller Retainer		

E-9064 MEGA PLUS		MERITOR 15" Q+ FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-2766S	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoe: E-9062 (4") Double Web Q+™ Shoe	
2	2	E-1893S	Anchor Pin Bushing		
3	2	E-2767	Retainer Spring		
4	1	E-9063	Return Spring		
5	2	E-11741	Roller		
6	2	E-747	Spring Retainer		
7	2	E-3007A	Roller Retainer		

E-1308Q STOPMATE		MERITOR 15" Q SERIES FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-3870	Anchor Pin	Stopmate version of E-3869	
2	1	E-3871	Anchor Pin Link		
3	1	NSS*	Return Spring		
4	1	NSS*	Retainer Spring		
5	2	E-3874	Anchor Pin Washer		
6	2	E-3421A	Roller		
7	1	E-4961A	3/4"-16 Lock Nut		
8	2	E-1120-1	Shoe Clip		

*Not Sold Separately

E-1308QMA STOPMATE		MERITOR 15" Q SERIES FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-1120-1	Shoe Clip	Stopmate version of E-7899 Also available bagged as part number E-1308QMA-B	
	2	E-3421A	Roller		
	1	NSS*	Return Spring		
	1	NSS*	Retainer Spring		



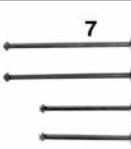


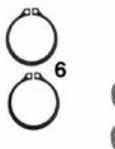

E-3869 MEGA PLUS		MERITOR 15" Q SERIES FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-3870	Anchor Pin	For use with the following Brake Shoe: E-5528 (4") Meritor Single Web 15" x 4" Q Series Front Brake Shoe	
	1	E-3871	Anchor Pin Link		
	1	E-3872	Return Spring		
	1	E-3873	Retainer Spring		
	2	E-3874	Anchor Pin Washer		
	2	E-3421A	Roller		
	2	E-4961A	3/4"-16 Lock Nut		
	2	E-1120-1	Shoe Clip		






E-7899 STOPMATE PLUS		MERITOR 15" Q SERIES FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	1	E-3872	Return Spring	Same as E-3869 minus Anchor Pins and Hardware. For use with the following Brake Shoe: E-5528 (4") Single Web Q Brake Shoe	
	1	E-3873	Retainer Spring		
	2	E-3421A	Roller		
	2	E-1120-1	Shoe Clip		









E-4800 MEGA PLUS		MERITOR 15" T SERIES FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	NSS*	Spring - Short	For use with the following brake shoes: E-3439 (4")	
	2	NSS*	Spring - Long		
	2	NSS*	Hold Down Pin - Short		
	2	NSS*	Hold Down Pin - Long		
	4	NSS*	Cap		



E-6879 MEGA PLUS		MERITOR 15" T SERIES FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-3421A	Roller	For use with the following Brake Shoes: E-3439 (4")	
	1	E-3437	Spring		
	2	E-801	Lock Ring		
	1	E-4800	Hold Down Kit		

*Not Sold Separately




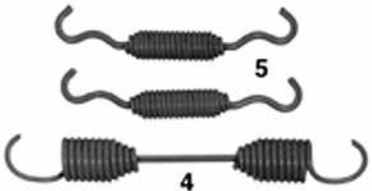

E-4691 MEGA PLUS		MERITOR 15" T SERIES FRONT BRAKE TYPES 1 AND 2			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-3421A	Roller	For use with the following Brake Shoes: E-3439 (4")	
	2	E-3424	Brake Shoe Anchor Pin		
	1	E-3437	Spring		
	2	E-4961A	3/4"-16 Lock Nut		
	2	E-3427	Anchor Pin Washer		
	2	E-801	Lock Ring		
	1	E-4800	Hold Down Kit		




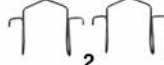

E-11747 STOPMATE PLUS		SPICER 15" AND 16-1/2" HEAVY AXLE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-539	Roller Retainer	For use with Spicer Heavy Axle brake shoes.	
	2	E-586	Roller		
	1	NSS*	Return Spring		
	2	NSS*	Spring		
	2	E-747	Spring Retainer		







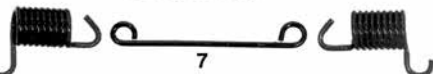

E-2740 MEGA PLUS		WAGNER 15" 3-1/2" FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	NSS*	Roller		
	2	NSS*	Anchor Pin		
	2	E-2723	Anchor Pin Retainer		
	8	E-2724	Guide Washer		
	4	E-2725	Spring Washer		
	4	E-2726	"C" Washer		
	1	E-979	Return Spring		
	2	E-4961A	3/4"-16 Lock Nut		





E-7232 STOPMATE PLUS		BENDIX 15" 4" STEER AXLE BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	4	NSS*	Retainer Spring	For use with the following shoe: E-7230	
	2	NSS*	Return Spring		

*Not Sold Separately

E-7231 STOPMATE PLUS		BENDIX 15" 4" STEER AXLE BRAKE. "FORD CARGO"			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	NSS*	Roller	For use with the following shoe: E-7230	
	2	NSS*	Pin		
	1	NSS*	Anchor Pin		
	1	NSS*	Return Spring		
	2	NSS*	Retainer Spring		

E-11493 STOPMATE PLUS		SPICER 15" 4" STEER AXLE BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-2767	Retainer Spring		
	2	E-539	Roller Retainer		
	2	E-586	Roller		
	2	E-747	Spring Retainer		
	1	NSS*	Return Spring		

E-3291 MEGA PLUS		WAGNER 15" 4" FRONT BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-3421A	Roller	For use with the following Brake Shoes: E-2729 (4"), E-4742 (4") For use with Bendix/Spicer Shoe 4693HA	
	2	NSS*	Anchor Pin		
	2	E-2723	Anchor Pin Retainer		
	8	E-2724	Guide Washer		
	4	E-2725	Spring Washer		
	4	E-2726	"C" Washer		
	1	NSS*	Return Spring Shoe Assembly		
	2	E-4961A	3/4"-16 Lock Nut		

E-9141 MEGA PLUS		EATON 15" 6" ES REDUCED ENVELOPE FRONT AXLE BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-5477	Roller	For use with the following Brake Shoe: E-9140 (6")	
	2	E-5478	Roller Retainer		
	2	E-9037	Return Spring		
	2	E-2767	Retainer Spring		

*Not Sold Separately

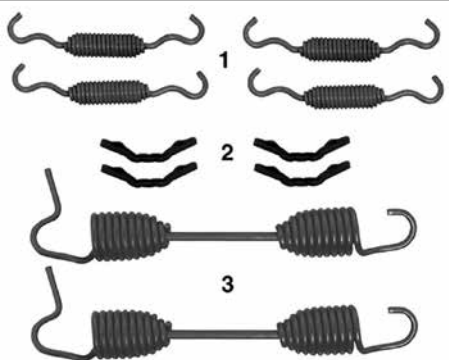
E-2713		MEGA PLUS		WAGNER 15" 6" AND 7" DRIVE AXLE BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	NSS*	Anchor Pin	For use with the following Brake Shoe: E-2712 (7")		
2	4	E-801	Lock Ring			
3	2	NSS*	Roller			
4	2	NSS*	Roller Pin			
5	1	E-980	Return Spring			
6	4	E-1269	Anchor Pin Seal			

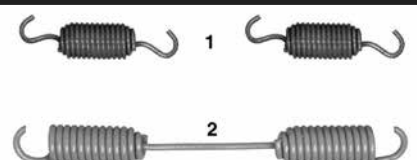
E-9039		MEGA PLUS		EATON 15" 8-5/8" ES REDUCED ENVELOPE DRIVE AXLE BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-5477	Roller	For use with the following Brake Shoe: E-9036 (8-5/8")		
2	2	E-5478	Roller Retainer			
3	1	E-9038	Return Spring			
4	2	E-2767	Retainer Spring			

E-4692		MEGA PLUS		MERITOR 16-1/4" T SERIES FRONT BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-3421A	Roller			
2	2	NSS*	Anchor Pin			
3	1	E-757	Return Spring			
4	2	NSS*	Lock Ring			
5	2	E-1106	Anchor Pin Lock Washer			
6	2	E-1120-1	Shoe Clip			

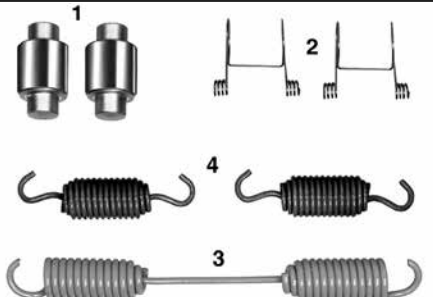
E-7237		STOPMATE PLUS		BENDIX 16-1/2" TRUCK AND TRACTOR BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	NSS*	Roller			
2	2	NSS*	Pin			
3	2	NSS*	Pin			
4	2	NSS*	Bushing			
5	1	NSS*	Return Spring			
6	2	NSS*	Spring			
7	2	E-747	Spring Retainer			

*Not Sold Separately

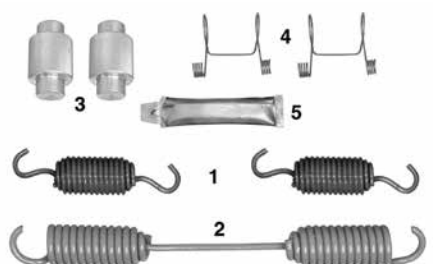
E-7238 STOPMATE PLUS		BENDIX 16-1/2" TRUCK AND TRACTOR BRAKE				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	4	NSS*	Spring	
		2	4	E-747	Spring Retainer	
		3	2	NSS*	Return Spring	

E-11318 STOPMATE PLUS		EATON 16-1/2" ES EXTENDED SERVICE BRAKE				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-1418	Retainer Spring	
		2	1	E-10197	Return Spring	

For use with the following Brake Shoe: E-5480 (7"). Can only be used with Eaton ES Camshafts.

E-4709ES-N STOPMATE		EATON 16-1/2" ES EXTENDED SERVICE BRAKE				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	NSS*	Roller	
		2	2	NSS*	Roller Retainer	
		3	1	NSS*	Return Spring	
4	2	NSS*	Retainer Spring			

Stopmate version of E-5481A and E-11318. For use with the following Brake Shoe: E-5480 (7"). Can only be used with Eaton ES Camshafts. Also available bagged as part number E-4709ES-B.






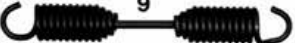
E-5481A MEGA PLUS		EATON 16-1/2" ES EXTENDED SERVICE BRAKE				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-1418	Retainer Spring	
		2	1	E-10197	Return Spring	
		3	2	E-5477	Roller	
		4	2	E-5478	Roller Retainer	
5	1	NSS*	Anti-Seize Compound			






For use with the following Brake Shoe: E-5480 (7"). Can only be used with Eaton ES Camshafts.



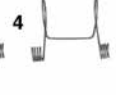

E-9048 MEGA PLUS		EATON 16-1/2" ES SEVERE SERVICE BRAKE WITH CAST SHOES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-9041	Anchor Pin	
		2	2	E-9042	Set Screw	
		3	4	E-1113	Washer	
		4	4	E-801	Lock Ring	
		5	4	E-9047	Brake Shoe Bushing	
		6	2	E-919	Anchor Pin Bushing	
		7	2	E-9043	Roller	
		8	2	E-9044	Roller Pin	
		9	2	E-9045	Lock Pin Roll	
10	1	E-9046	Return Spring			



For use with the following Brake Shoe: E-9040 (7")


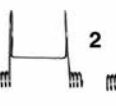


*Not Sold Separately

E-9052 MEGA PLUS		EATON 16-1/2" ES SEVERE SERVICE BRAKE WITH FABRICATED SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	NSS*	Anchor Pin	Contains new Posi-Plus roller.
	2	E-9042	Set Screw	
	4	E-1113	Washer	
	4	E-801	Lock Ring	
	2	E-919	Anchor Pin Bushing	
	2	E-11741	Roller	
	2	E-5478	Roller Retainer	
	2	E-747	Spring Retainer	
	1	E-8907	Return Spring	


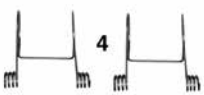


E-10244 MEGA PLUS		EATON 16-1/2" ES-II EXTENDED SERVICE BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-10198	Retainer Spring	For use with New ES-II, No-Tab Shoe with Retainer Spring holes in web. IMPORTANT NOTE: Install Retainer Springs with coil end up. Can only be used with Eaton ES Camshafts.
	1	E-10197	Return Spring	
	2	E-5477	Roller	
	2	E-5478	Roller Retainer	
	1	NSS*	Anti-Seize Compound	






E-10244S STOPMATE PLUS		EATON 16-1/2" ES-II EXTENDED SERVICE BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-10198	Retainer Spring	For use with New ES-II, No-Tab Shoe with Retainer Spring holes in web. IMPORTANT NOTE: Install Retainer Springs with coil end up. Can only be used with Eaton ES Camshafts.
	1	E-10197	Return Spring	
	2	E-5477	Roller	
	2	E-5478	Roller Retainer	





E-11319 STOPMATE PLUS		EATON 16-1/2" ES-II EXTENDED SERVICE BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-10198	Retainer Spring	For use with New ES-II, No-Tab Shoe with Retainer Spring holes in web. IMPORTANT NOTE: Install Retainer Springs with coil end up. Can only be used with Eaton ES Camshafts.
	1	E-10197	Return Spring	





E-4709ES2-N STOPMATE		EATON 16-1/2" ES-II EXTENDED SERVICE BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	NSS*	Roller	Stopmate version of E-10244. For use with the following Brake Shoes: E-10272 (7"), E-10273 (8-5/8") Can only be used with Eaton ES Camshafts. Also available bagged as part number E-4708ES2-B.
	2	NSS*	Roller Retainer	
	1	NSS*	Return Spring	
	2	NSS*	Retainer Spring	





*Not Sold Separately

E-10760 MEGA PLUS		EATON 16-1/2" ES-II EXTENDED SERVICE FRONT AXLE BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-10198	Retainer Spring	For use with ES-II 16-1/2" front axle shoes: E-10270 (5"), E-10271 (6"). Can only be used with Eaton ES Camshafts. Must be used with E-10761 Horse Collar.	
	2	E-9037	Return Spring		
	2	E-5477	Roller		
	2	E-5478	Roller Retainer		

E-1887AHD MEGA PLUS		EATON 16-1/2" SINGLE ANCHOR PIN BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-1418	Retainer Spring	Contains Special Alloy Steel Knurled Rollers. For use with the following Brake Shoes: E-1778 (7")	
	1	E-1428A	Return Spring		
	2	E-2217A	Roller		
	2	E-596A	Roller Pin		
	1	NSS*	Anti-Seize Compound		

E-1887ASHD STOPMATE PLUS		EATON 16-1/2" SINGLE ANCHOR PIN BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-1418	Retainer Spring	Contains Special Alloy Steel Knurled Rollers. For use with the following Brake Shoes: E-1778 (7")	
	1	E-1428S	Return Spring		
	2	E-2217S	Roller		
	2	E-596A	Roller Pin		

E-2820 MEGA PLUS		EATON 16-1/2" SINGLE ANCHOR PIN BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	E-1418	Retainer Spring	Alternate for E-1887AHD and E-1887ASHD Kits. Return Spring has longer center bar for additional spindle clearance. For use with the following Brake Shoes: E-1778 (7")	
	1	E-2785	Return Spring		
	2	E-2217A	Roller		
	2	E-596A	Roller Pin		

E-4311EHD-N STOPMATE		EATON 16-1/2" SINGLE ANCHOR PIN BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
	2	NSS*	Retainer Spring	Stopmate version of E-1887 series kits. Also available bagged as part number E-4311EHD-B.	
	1	NSS*	Return Spring		
	2	NSS*	Roller		
	2	NSS*	Roller Pin		

*Not Sold Separately

E-3801		MEGA PLUS		EATON 16-1/2" SINGLE ANCHOR PIN BRAKE - FORD SPECIAL APPLICATION				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	E-1418	Retainer Spring	For use with the following High-Mount Brake Shoes: E-2474 (5"), E-9509 (6"), E-2819 (7"). Brake Shoe has offset Spring Retainer Pin. Used in some Ford applications.
				2	1	E-2475	Return Spring	
				3	2	E-2217A	Roller	
				4	2	E-596A	Roller Pin	

E-8923		MEGA PLUS		EATON TOP SPEC 16-1/2" ES RETROFIT FOR FRUEHAUF				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	E-3711	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoe: E-8922 (7")
				2	2	E-8938	Anchor Pin Bushing	
				3	2	E-2767	Retainer Spring	
				4	1	E-8907	Return Spring	
				5	2	E-11741	Roller	
				6	2	E-747	Spring Retainer	
				7	2	E-5478	Roller Retainer	
				8	1	E-1559	Cotter Pin	
				9	1	NSS*	Anti-Seize Compound	

E-8925		MEGA PLUS		EATON TOP SPEC 16-1/2" ES RETROFIT FOR MERITOR				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	E-2766S	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoe: E-8924 (7")
				2	2	E-8938	Anchor Pin Bushing	
				3	2	E-2767	Retainer Spring	
				4	1	E-8907	Return Spring	
				5	2	E-11741	Roller	
				6	2	E-747	Spring Retainer	
				7	2	E-5478	Roller Retainer	
				8	1	NSS*	Anti-Seize Compound	

E-2121		MEGA PLUS		FRUEHAUF PRO-PAR® 16-1/2"				
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.				
				1	2	E-609	Anchor Pin	For Old Style Spiders drilled for Roll Pin. For New Style Spiders not drilled for Roll Pin, use Euclid Kits E-1816HD, E-1816S or E-1816SHD. Contains new Posi-Plus roller. For use with the following Brake Shoe: E-2685 (7")
				2	2	NSS*	Roll Pin	
				3	2	E-920	Anchor Pin Bushing	
				4	2	E-3227	Roller Retainer	
				5	2	E-11741	Roller	
				6	1	E-545A	Return Spring	
				7	2	E-747	Spring Retainer	









*Not Sold Separately







E-2121HD MEGA PLUS		FRUEHAUF PRO-PAR® 16-1/2"			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-609	Anchor Pin	For Old Style Spiders drilled for Roll Pin. For New Style Spiders not drilled for Roll Pin, use Euclid Kits E-1816HD, E-1816S or E-1816SHD. Contains new Posi-Plus roller. For use with the following Brake Shoe: E-2685 (7"). Same as E-2121 except has Heavy Duty Return Spring.	
2	2	NSS*	Roll Pin		
3	2	E-920	Anchor Pin Bushing		
4	2	E-3227	Roller Retainer		
5	2	E-11741	Roller		
6	1	E-1880B	Return Spring		
7	2	E-747	Spring Retainer		







E-3710HD MEGA PLUS		FRUEHAUF PRO-PAR® 16-1/2" LATE MODEL XEM3 BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-3711	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3920 (7")	
2	2	E-8938	Anchor Pin Bushing		
3	2	E-2767	Retainer Spring		
4	1	E-3490B	100 lb Return Spring		
5	2	E-11741	Roller		
6	2	E-747	Spring Retainer		
7	2	E-3227	Roller Retainer		
8	1	E-1559	Cotter Pin		
9	1	NSS*	Anti-Seize Compound		






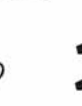

E-3710S STOPMATE PLUS		FRUEHAUF PRO-PAR® 16-1/2" LATE MODEL XEM3 BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-3711S	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3920 (7")	
2	2	E-1893S	Anchor Pin Bushing		
3	2	E-2767	Retainer Spring		
4	1	E-3228	Return Spring		
5	2	E-11741	Roller		
6	2	E-747	Spring Retainer		
7	2	E-3007A	Roller Retainer		
8	1	E-1559	Cotter Pin		

*Not Sold Separately
 U.S. 888-725-9355
 Canada 800-387-3889

E-3710SHD STOPMATE PLUS		FRUEHAUF PRO-PAR® 16-1/2" LATE MODEL XEM3 BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-3711S	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3920 (7"), Same as E-3710S except has Heavy Duty Return Spring.
	2	E-1893S	Anchor Pin Bushing	
	2	E-2767	Retainer Spring	
	1	E-3490S	Return Spring	
	2	E-11741	Roller	
	2	E-747	Spring Retainer	
	2	E-3007A	Roller Retainer	
	1	E-1559	Cotter Pin	

E-4515X STOPMATE		FRUEHAUF PRO-PAR® 16-1/2" LATE MODEL XEM BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-3711	Anchor Pin	Stopmate version of E-3710S
	2	E-1893S	Anchor Pin Bushing	
	1	E-3228	Return Spring	
	2	E-2177	Roller	
	2	E-747	Spring Retainer	
	2	E-3007A	Roller Retainer	

KIT-5 MEGA PLUS		FRUEHAUF (MODIFIED NO. 5) 16-1/2" EARLY MODEL BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-609	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoe: E-2685 (7")
	2	E-11741	Roller	
	1	E-545A	Return Spring	
	2	E-3007A	Roller Retainer	
	2	NSS*	Roll Pin	
	2	E-747	Spring Retainer	

E-4515XHD STOPMATE		FRUEHAUF PRO-PAR® 16-1/2" LATE MODEL XEM BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	2	E-3711S	Anchor Pin	Stopmate version of E-3710SHD
	2	E-1893S	Anchor Pin Bushing	Also available bagged as part number E-4515XHD-B
	2	NSS*	Retainer Spring	
	1	NSS*	Return Spring	
	2	E-2177	Roller	
	2	E-747	Spring Retainer	
	2	E-3007A	Roller Retainer	

*Not Sold Separately

E-9142 MEGA PLUS		FRUEHAUF RETROFIT MERITOR Q BRAKE W/ECCENTRIC ANCHOR PIN 16-1/2"		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	2	E-9061	Anchor Pin	Special offset Anchor Pin allows use of Meritor Q Brake Shoes on Fruehauf Pro-Pair® Axles. Contains new Posi-Plus roller. For use with the following Brake Shoe: E-2778 (7")
2	2	E-920	Anchor Pin Bushing	
3	2	E-747	Spring Retainer	
4	2	NSS*	Roll Pin	
5	1	E-1559	Cotter Pin	
6	2	E-11741	Roller	
7	2	E-3007A	Roller Retainer	
8	1	E-2768	Return Spring	
9	2	E-2767	Retainer Spring	

E-4515Q-N STOPMATE		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2"		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	2	NSS*	Anchor Pin	For Meritor Q and Q+, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® Brakes. Stopmate version of E-2769S. Also available bagged as part number E-4515Q-B.
2	2	NSS*	Anchor Pin Bushing	
3	2	NSS*	Retainer Spring	
4	1	NSS*	Return Spring	
5	2	NSS*	Roller	
6	2	NSS*	Spring Retainer	
7	2	NSS*	Roller Retainer	

E-4515QHD-N STOPMATE		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2"		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	2	NSS*	Anchor Pin	For Meritor Q and Q+, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® Brakes. Stopmate version of E-2769SHD. Also available bagged as part number E-4515QHD-B.
2	2	NSS*	Anchor Pin Bushing	
3	2	NSS*	Retainer Spring	
4	1	NSS*	Return Spring	
5	2	NSS*	Roller	
6	2	NSS*	Spring Retainer	
7	2	NSS*	Roller Retainer	

E-4515QMB-N STOPMATE		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2"		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	2	NSS*	Anchor Pin	For Meritor Q and Q+, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® Brakes. Stopmate version of E-6999S. Also available bagged as part number E-4515QMB-B. MB=Minus Bushings
2	2	NSS*	Retainer Spring	
3	1	NSS*	Return Spring	
4	2	NSS*	Roller	
5	2	NSS*	Spring Retainer	
6	2	NSS*	Roller Retainer	

E-4515QMBHD-N STOPMATE		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2"			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	NSS*	Anchor Pin	For Meritor Q and Q+, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® Brakes. Stopmate version of E-6999SHD. Also available bagged as part number E-4515QMBHD-B. MB=Minus Bushings	
2	2	NSS*	Retainer Spring		
3	1	NSS*	Return Spring		
4	2	NSS*	Roller		
5	2	NSS*	Spring Retainer		
6	2	NSS*	Roller Retainer		

E-2769HD MEGA PLUS		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2" BRAKES			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-2766S	Anchor Pin	For Meritor Q and Q+™, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® brakes. Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3303 (5"), E-3304 (6"), E-2778 (7"), E-6075 (7"), E-3522 (8-5/8"), E-3417 (10"). Note: To insure quick brake release and full lining life, Q+™ brakes use only heavy-duty return springs.	
2	2	E-8938	Anchor Pin Bushing		
3	2	E-2767	Retainer Spring		
4	1	E-3490B	100 lb Return Spring		
5	2	E-11741	Roller		
6	2	E-747	Spring Retainer		
7	2	E-3007A	Roller Retainer		
8	1	NSS*	Anti-Seize Compound		

E-2769S STOPMATE PLUS		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2" BRAKES			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-2766S	Anchor Pin	For Meritor Q and Q+™, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® brakes. Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3303 (5"), E-3304 (6"), E-2778 (7"), E-6075 (7"), E-3522 (8-5/8"), E-3417 (10"). Note: To insure quick brake release and full lining life, Q+™ brakes use only heavy-duty return springs.	
2	2	E-1893S	Anchor Pin Bushing		
3	2	E-2767	Retainer Spring		
4	1	E-2768	Return Spring		
5	2	E-11741	Roller		
6	2	E-747	Spring Retainer		
7	2	E-3007A	Roller Retainer		

E-2769SHD STOPMATE PLUS		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2" BRAKES			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-2766S	Anchor Pin	For Meritor Q and Q+™, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® brakes. Contains new Posi-Plus roller. Same as E-2769S except has Heavy Duty Return Spring. For use with the following Brake Shoes: E-3303 (5"), E-3304 (6"), E-2778 (7"), E-6075 (7"), E-3522 (8-5/8"), E-3417 (10"). Note: To insure quick brake release and full lining life, Q+™ brakes use only heavy-duty return springs.	
2	2	E-1893S	Anchor Pin Bushing		
3	2	E-2767	Retainer Spring		
4	1	E-3490S	Return Spring		
5	2	E-11741	Roller		
6	2	E-747	Spring Retainer		
7	2	E-3007A	Roller Retainer		

*Not Sold Separately

E-6999SHD STOPMATE PLUS		HENDRICKSON, MERITOR AND SPICER (DANA) 16-1/2" BRAKES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	2	E-2766S	Anchor Pin	For Meritor Q and Q+™, Spicer (Dana) Fast Change and XLII, and Hendrickson INTRAAX® brakes. Same as E-2769S minus Bushings. Same as E-6999S except has Heavy Duty Return Spring. Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3303 (5"), E-3304 (6"), E-2778 (7"), E-6075 (7"), E-3522 (8-5/8"), E-3417 (10").
2	2	E-2767	Retainer Spring	
3	1	E-3490S	Return Spring	
4	2	E-11741	Roller	
5	2	E-747	Spring Retainer	
6	2	E-3007A	Roller Retainer	

E-2676 MEGA PLUS		MACK 16-1/2" OLD STYLE CAST BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	2	NSS*	Brake Shoe Wear Pad	For use with Mack's own Old Style cast shoe with wear plates
2	1	E-752	Return Spring	
3	2	NSS*	Anchor Pin	
4	4	E-537	Anchor Pin Felt	
5	4	NSS*	Felt Retainer	
6	4	E-5093	Camshaft Lock Ring	
7	4	NSS*	Brake Shoe Bushing	

E-2675HD MEGA PLUS		MACK WITH MERITOR 16-1/2" BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	2	E-3914	Roller	Antiseize Lubricate not sold separately.
2	2	E-502	Anchor Pin	
3	4	E-801	Lock Ring	
4	2	E-579A	Anchor Pin Lock Screw	
5	2	E-747	Spring Retainer	
6	4	E-1269	Anchor Pin Seal	
7	1	E-1880B	Return Spring	
8	1	NSS*	Anti-Seize Compound	

E-11974		MERITOR 16-1/2" P SERIES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
1	4	NSS*	Snap Ring	Drive axle, Cast P series brake shoes. Services 1 brake.
2	4	E-537	Anchor Pin Felt	
3	4	NSS*	Felt Retainer	
4	2	NSS*	Roller	
5	1	NSS*	Return Spring	
6	2	NSS*	Bushing	
7	2	E-3513	Retaining Clip	
8	2	NSS*	Anchor Pin	

*Not Sold Separately

KIT-4HD		MEGA PLUS		MERITOR 16-1/2" P SERIES AND STD. FORGE EARLY MODEL BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
2	2	E-11741	Roller	Contains new Posi-Plus roller. For use with the following Brake Shoes: E-2687 (5"), E-3418 (5"), E-2241 (7"), E-5239 (8-5/8"), E-2496 (10")		
3	1	E-1880B	Return Spring			
4	2	E-3007A	Roller Retainer			
5	4	E-801	Lock Ring			
6	2	E-579A	Anchor Pin Lock Screw			
7	4	E-1269	Anchor Pin Seal			
8	2	E-747	Spring Retainer			
9	1	NSS*	Anti-Seize Compound			

KIT-4S		STOPMATE PLUS		MERITOR 16-1/2" P SERIES AND STD. FORGE EARLY MODEL BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-512	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoes: E-2687 (5"), E-3418 (5"), E-2241 (7"), E-5239 (8-5/8"), E-2496 (10")		
2	2	E-11741	Roller			
3	1	E-545A	Return Spring			
4	2	E-3007A	Roller Retainer			
5	4	E-801	Lock Ring			
6	2	E-579A	Anchor Pin Lock Screw			
7	4	E-1269	Anchor Pin Seal			
8	2	E-747	Spring Retainer			

KIT-4SHD		STOPMATE PLUS		MERITOR 16-1/2" P SERIES AND STD. FORGE EARLY MODEL BRAKE		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-512S	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoes: E-2687 (5"), E-3418 (5"), E-2241 (7"), E-5239 (8-5/8"), E-2496 (10"). Same as KIT-4S except has Heavy Duty Return Spring.		
2	2	E-11741	Roller			
3	1	E-1880S	Return Spring			
4	2	E-3007A	Roller Retainer			
5	4	E-801	Lock Ring			
6	2	E-579A	Anchor Pin Lock Screw			
7	4	E-1269	Anchor Pin Seal			
8	2	E-747	Spring Retainer			

*Not Sold Separately

E-9070 MEGA PLUS		MERITOR 16-1/2" Q BRAKE WITH FL SERIES FRONT AXLES			
	ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	1	2	E-2766S	Anchor Pin	Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3303 (5"), E-3823 (5"), E-3304 (6")
	2	2	E-1893	Anchor Pin Bushing	
	3	2	E-2767	Retainer Spring	
	4	1	E-9069	Return Spring	
	5	2	E-11741	Roller	
	6	2	E-747	Spring Retainer	
7	2	E-3007A	Roller Retainer		

E-1607HD MEGA PLUS		MERITOR 16-1/2" BRAKE SHOES WITH REINFORCED ANCHOR BOSSES			
	ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	1	2	E-502	Anchor Pin	Contains new Posi-Plus roller.
	2	2	E-11741	Roller	
	3	1	E-1880B	Return Spring	
	4	2	E-3007A	Roller Retainer	
	5	4	E-1269	Anchor Pin Seal	
	6	4	E-801	Lock Ring	
	7	2	E-579A	Anchor Pin Lock Screw	
	8	2	E-747	Spring Retainer	
9	1	NSS*	Anti-Seize Compound		

E-9644 MEGA PLUS		MERITOR 16-1/2" STEER AXLE BRAKE			
	ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	1	2	E-2766S	Anchor Pin	For use with relocated return spring shoes and Q+™ camshafts. Can also be used on "Hammer Claw" camshaft. Important Note: Spring must be installed with end hook open toward camshaft head. Contains new Posi-Plus roller. For use with the following Brake Shoes: E-3823 (5"), E-9780 (6"). Double Web Q Brake Shoe used on Mack Front Axles.
	2	2	E-1893	Anchor Pin Bushing	
	3	2	E-2767	Retainer Spring	
	4	1	E-9643	Return Spring	
	5	2	E-11741	Roller	
	6	2	E-747	Spring Retainer	
7	2	E-3007A	Roller Retainer		

E-5515 MEGA PLUS		SPICER 16-1/2" XL XTRALIFE BRAKE			
	ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
	1	2	E-2766S	Anchor Pin	For use with following Brake Shoe: E-2778 (7"). Can be used only with Spicer XL Camshafts.
	2	2	E-8938	Anchor Pin Bushing	
	3	2	E-2767	Retainer Spring	
	4	1	E-1880B	Return Spring	
	5	2	E-1582	Roller	
	6	2	E-747	Spring Retainer	
	7	2	E-539	Roller Retainer	
8	1	NSS*	Anti-Seize Compound		

*Not Sold Separately

E-3895S STOPMATE PLUS		UNIVERSAL 16-1/2" QUICK CHANGE SERIES BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-2767	Retainer Spring	Contains new Posi-Plus roller. For use with all Meritor Q Brake Shoes. Can also be used for all Fruehauf XEM and Spicer Fast Change Shoes.	
2	1	E-2768	Return Spring		
3	2	E-11741	Roller		
4	2	E-747	Spring Retainer		
5	2	E-3007A	Roller Retainer		

E-3895SHD STOPMATE PLUS		UNIVERSAL 16-1/2" QUICK CHANGE SERIES BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	E-2767	Retainer Spring	Contains new Posi-Plus roller. For use with all Meritor Q Brake Shoes. Can also be used for all Fruehauf XEM and Spicer Fast Change Shoes. Same as E-3895S except has Heavy Duty Return Spring.	
2	1	E-3490S	Return Spring		
3	2	E-11741	Roller		
4	2	E-747	Spring Retainer		
5	2	E-3007A	Roller Retainer		

E-4515U STOPMATE		UNIVERSAL 16-1/2" QUICK CHANGE SERIES BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	NSS*	Retainer Spring	Stopmate version of E-3895S.	
2	1	NSS*	Return Spring		
3	2	E-2177	Roller		
4	2	E-747	Spring Retainer		
5	2	E-3007A	Roller Retainer		

E-4515UHD-N STOPMATE		UNIVERSAL 16-1/2" QUICK CHANGE SERIES BRAKE			
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.	
1	2	NSS*	Retainer Spring	Stopmate version of E-3895SHD. Also available bagged as part number E-4515UHD-B	
2	1	NSS*	Return Spring		
3	2	E-2177	Roller		
4	2	E-747	Spring Retainer		
5	2	E-3007A	Roller Retainer		

*Not Sold Separately

E-1816S STOPMATE PLUS		UNIVERSAL KIT W/ FREE-FLOATING ANCHOR PIN FOR 16-1/2" BRAKES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-1112A	Anchor Pin	For Eaton, Fruehauf, Meritor, Spicer (Dana) and Std. Forge Brakes. Contains new Posi-Plus roller. For use with the following Brake Shoes: E-2687 (5"), E-3418 (5"), E-2241 (7"), E-2685 (7"), E-5239 (8-5/8"), E-2496 (10")
		2	4	E-1113	Washer	
		3	4	E-801	Lock Ring	
		4	2	E-11741	Roller	
		5	1	E-545A	Return Spring	
		6	2	E-3007A	Roller Retainer	
		7	2	E-1893S	Anchor Pin Bushing	
		8	2	E-747	Spring Retainer	

E-1816SHD STOPMATE PLUS		UNIVERSAL KIT W/ FREE-FLOATING ANCHOR PIN FOR 16-1/2"				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-1112A	Anchor Pin	For Eaton, Fruehauf, Meritor, Spicer (Dana) and Std. Forge Brakes. Contains new Posi-Plus roller. For use with the following Brake Shoes: E-2687 (5"), E-3418 (5"), E-2241 (7"), E-2685 (7"), E-5239 (8-5/8"), E-2496 (10")
		2	4	E-1113	Washer	
		3	4	E-801	Lock Ring	
		4	2	E-11741	Roller	
		5	1	E-1880S	Return Spring	
		6	2	E-3007A	Roller Retainer	
		7	2	E-1893S	Anchor Pin Bushing	
		8	2	E-747	Spring Retainer	

E-1816HD MEGA PLUS		UNIVERSAL KIT WITH FREE-FLOATING ANCHOR PIN FOR 16-1/2" BRAKES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-1112A	Anchor Pin	For Eaton, Fruehauf, Meritor, Spicer (Dana) and Std. Forge Brakes. Contains new Posi-Plus roller. Use with the following Brake Shoes: E-2687 (5"), E-3418 (5"), E-2241 (7"), E-2685 (7"), E-5239 (8-5/8"), E-2496 (10"). Same as E-1816S except has Heavy Duty Return Spring.
		2	4	E-1113	Washer	
		3	4	E-801	Lock Ring	
		4	2	E-11741	Roller	
		5	1	E-1880B	Return Spring	
		6	2	E-3007A	Roller Retainer	
		7	2	E-8938	Anchor Pin Bushing	
		8	2	E-747	Spring Retainer	
9	1	NSS*	Anti-Seize Compound			

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E-4515P STOPMATE		UNIVERSAL KIT WITH FREE-FLOATING ANCHOR PIN FOR 16-1/2" BRAKES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-1112A	Anchor Pin	For Eaton, Fruehauf, Meritor, Spicer (Dana) and Std. Forge brakes. Stopmate version of E-1816S.
		2	4	E-1113	Washer	
		3	4	E-801	Lock Ring	
		4	2	E-2177	Roller	
		5	1	E-545A	Return Spring	
		6	2	E-3007A	Roller Retainer	
		7	2	E-1893S	Anchor Pin Bushing	
		8	2	E-747	Spring Retainer	

E-4515PHD STOPMATE		UNIVERSAL KIT WITH FREE-FLOATING ANCHOR PIN FOR 16-1/2" BRAKES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-1112A	Anchor Pin	For Eaton, Fruehauf, Meritor, Spicer (Dana) and Std. Forge brakes. Stopmate version of E-1816SHD.
		2	4	E-1113	Washer	
		3	4	E-801	Lock Ring	
		4	2	E-2177	Roller	
		5	1	E-1880S	Return Spring	
		6	2	E-3007A	Roller Retainer	
		7	2	E-1893S	Anchor Pin Bushing	
		8	2	E-747	Spring Retainer	

E-2821 MEGA PLUS		EATON 18" SINGLE ANCHOR PIN BRAKE WITH CAST SHOES				
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.
		1	2	E-2805	Retainer Spring	For use with the following Brake Shoe: E-2801 (7")
		2	1	E-2804	Return Spring	
		3	2	E-2802	Roller	
4	2	E-2803	Roller Pin			

*Not Sold Separately

E-3992		MEGA PLUS		MERITOR 18" WITH NEW STYLE CAST SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-3511	Roller	For use with the following Brake Shoe: E-4902 (7")		
2	1	E-543	Return Spring			
3	2	E-502	Anchor Pin			
4	4	E-1269	Anchor Pin Seal			
5	4	E-801	Lock Ring			
6	2	E-579A	Anchor Pin Lock Screw			
7	2	E-919	Anchor Pin Bushing			
8	4	E-2218	Brake Shoe Bushing			

E-3518		MEGA PLUS		MERITOR 18" WITH OLD STYLE CAST SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-3511	Roller	For use with the following Brake Shoe: E-4902 (7")		
2	2	E-3513	Retainer			
3	1	E-3512	Return Spring			
4	2	E-502	Anchor Pin			
5	4	E-801	Lock Ring			
6	2	E-579A	Anchor Pin Lock Screw			
7	4	E-1269	Anchor Pin Seal			
8	4	E-2218	Brake Shoe Bushing			

E-5499		MEGA PLUS		SPICER (STD. FORGE) 18" WITH FABRICATED SHOES		
ITEM	QTY.	EUCLID NO.	DESCRIPTION	APPLICATION & GENERAL INFO.		
1	2	E-512S	Anchor Pin	For use with the following Brake Shoe: E-5500 (7")		
2	4	E-801	Lock Ring			
3	4	E-1269	Anchor Pin Seal			
4	2	E-747	Spring Retainer			
5	1	E-1880B	Return Spring			
6	2	E-2395	Roller			
7	2	E-2396	Roller Pin			
8	2	E-527	Roller Pin Retainer			

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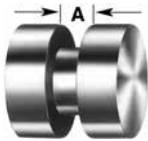


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POSI-PLUS DIAMOND KNURLED ROLLER - FOR FABRICATED BRAKE SHOES					
	EUCLID NO.	OVERALL LENGTH	LENGTH OF LARGE DIA.	O.D.	GENERAL INFORMATION
		E-11741	2-1/4"	1-5/16"	1-1/4"

POSI-ROLL DIAMOND KNURLED ROLLERS - FOR FABRICATED BRAKE SHOES					
	EUCLID NO.	OVERALL LENGTH	LENGTH OF LARGE DIA.	O.D.	GENERAL INFORMATION
	E-5477	2-5/32"	1-1/4"	1-1/4"	For Eaton 16-1/2" ES Brake. Zinc Yellow Dichromate
	E-2177	2-7/32"	1-9/32"	1-1/4"	Same application as E-523.
	E-3914	2-17/64"	1-1/2"	1-5/8"	Same application as E-2672.


ROLLERS - FOR FABRICATED BRAKE SHOES					
	EUCLID NO.	OVERALL LENGTH	LENGTH OF LARGE DIA.	O.D.	GENERAL INFORMATION
	E-10812	1-47/64"	47/64"	1-1/2"	For Meritor 14-1/2" x 5" W Series.
	E-10239	2-5/32"	1-1/4"	1-1/4"	For Eaton 16-1/2" ES Brake. Zinc Yellow Dichromate
	E-3511	2-3/16"	15/16"	1-5/8"	For Meritor 18" x 7" Cast Brake Shoes.
	E-1582	2-7/32"	1-1/4"	1"	For Pro-Par® Axle with 12-1/4" Brakes and Spicer XL XTRALIFE Brakes.
	E-523	2-7/32"	1-9/32"	1-1/4"	For 16-1/2" Brakes with Fabricated Brake Shoes.
	E-586	2-7/32"	1-9/32"	1-1/2"	1/4" Oversize Version of E-523.
	E-10823	2-19/64"	1-15/64"	1-1/2"	For Meritor 14-1/2" x 8" and 10" W Series.
	E-5089	2-21/64"	1-5/16"	1-5/8"	For Mack with Meritor 50,000 lb. Drive Axle.
	E-10824	2-41/64"	1-17/64"	1-1/2"	For Meritor 14-1/2" x 8" and 10" W Series Type 1 and Type 3.


ROLLERS - FOR SINGLE WEB BRAKE SHOES					
	EUCLID NO.	OVERALL LENGTH	LENGTH OF LARGE DIA.	O.D.	GENERAL INFORMATION
		E-3421A	1-3/8"	3/8"	1-1/4"


POSI-ROLL DIAMOND KNURLED ROLLERS

	EUCLID NO.	OVERALL LENGTH	O.D.	I.D.	EUCLID PIN NO.	GENERAL INFORMATION
		E-2217A	23/32"	1-5/8"	15/16"	E-596A
E-2217S		23/32"	1-5/8"	15/16"	E-596A	Special Alloy Steel to withstand off the road use or severe highway conditions Black Phosphate
E-2176		1"	1-1/4"	3/4"	E-501	For Cast Shoes. Knurled version of E-500.
E-2395		1-3/8"	1-1/2"	3/4"	E-2396	For Dexter, Spicer and Std. Forge 12-1/4" Fabricated Brake Shoes









ROLLERS — OTHER

	EUCLID NO.	OVERALL LENGTH	O.D.	I.D.	EUCLID PIN NO.	GENERAL INFORMATION
		E-595	23/32"	1-5/8"	15/16"	E-596A
E-9043		1-1/8"	1-1/4"	3/4"	E-9044	Eaton ES Severe Service Cast Shoes
E-2802		1-1/4"	1-5/8"	15/16"	E-2803	For Eaton 18 in. x 7 in. Cast Brake Shoes



ROLLER PINS — SEVERE SERVICE					
	EUCLID NO.	O.D.	LENGTH	"A"	GENERAL INFORMATION
		E-9044	3/4"	2-1/16"	


ROLLER PINS — OTHER					
	EUCLID NO.	O.D.	LENGTH	"A"	GENERAL INFORMATION
		E-501	3/4"	2-1/4"	
	E-2396	3/4"	2-1/4"		Use with E-2395 Roller and E-527 Retainer
	E-3482	3/4"	2-13/32"		For Meritor 12-1/4" Dia. Q Brake. Use with E-527 Retainer
	E-596A	59/64"	1-25/32"	23/32"	For Late Model Eaton Axles. Use with E-2217A Roller. Also used for Cast Shoes
	E-2803	59/64"	2-5/32"	1-1/4"	For Eaton 18" x 7" Cast Brake Shoes. Use with E-2802 Roller


BRAKE SHOE ANCHOR PINS — OTHER					
	EUCLID NO.	LENGTH	O.D.	O.D. Large - Small	GENERAL INFORMATION
	E-2766S	2-7/32"		1-1/4" - 1"	Meritor Q Brake and Spicer Fast Change Brake. Zinc Clear Chromate Plated
	E-5304	2-1/4"	1"		For Spicer (Dana) 12-1/4" U Brake. Use with E-5305 Retainer Clip. Zinc Clear Chromate Plated
	E-3711	2-3/8"		1-1/4" - 1-1/16"	Late Model Fruehauf XEM Brake. Zinc Yellow Plated
	E-3711S	2-3/8"		1-1/4" - 1-1/16"	Late Model Fruehauf XEM Brake. Zinc Clear Plated
	E-9061	2-3/8"		1-1/4" - 1"	Offset to allow use of E-2778 Q Brake Shoes with Pro-Par® Axle Spiders. Black Finish
	E-609	2-15/32"	1-1/4"		Zinc clear chromate plated. For Meritor and Fruehauf Pro-Par® axle with fabricated shoes.
	E-2390	2-3/4"	1"		For Late Model Std. Forge Fabricated Shoes. 12-1/4" Dia. Brakes with Weld-on Spider. Use with E-2391 Washer and E-2392 Snap Ring. Hard Chrome Plated
	E-1112A	2-3/4"	1-1/4"		For Meritor, Eaton, Fruehauf, Spicer and Std. Forge Axles. Use with E-801 Snap Ring and E-1113 Retainer Washer. Zinc Clear Chromate Plated
	E-512	2-7/8"	1-1/4"		For Meritor and Fruehauf Fabricated Shoes. Hard Chrome Plated


BRAKE SHOE ANCHOR PINS — OTHER					
	EUCLID NO.	LENGTH	O.D.	O.D. Large - Small	GENERAL INFORMATION
	E-512S	2-7/8"	1-1/4"		For Meritor and Fruehauf Fabricated Shoes. Zinc Clear Plated
	E-10835	3-7/16"	1-1/4"		For W Series with Lube Holes.
	E-9041	3-9/16"	1-1/4"		For Eaton ES Severe Service with Cast Shoes. Black Finish
	E-502	3-3/4"	1-1/4"		For Cast and Fabricated shoes with replaceable bushings. Also Late Model Mack. Hard Chrome Plated
	E-10814	4-3/8"	1-1/4"		For W Series with Lube Holes.
	E-2029	6-9/32"	1"		For Spicer 12-1/4" Dia. Brakes. Zinc Clear Chromate Plated
	E-1813	6-31/64"	1"		Zinc clear chromate plated eccentric type. For Standard Forge 12-1/4" brake with wear plates and flat head camshafts.
	E-10825	6-7/8"	1-1/4"		For W Series with Lube Holes.


BRAKE SHOE ANCHOR PINS — OTHER


	EUCLID NO.	LENGTH	O.D.	"A"	HEAD DIA.	APPLICATION
	E-3870	2-11/16"	13/16"		1-1/4"	For Meritor 15" x 4" Front Q Brake. Black Finish
	E-3424	2-3/4"	13/16"	17/32"	1-1/4"	For Meritor T Series 15" x 3-1/2" and 15" x 4" Type 1 and 2 Brakes. Available in Brake Kit E-4691. Zinc Clear Chromate Plated


FOR BRAKE ANCHOR PINS, ROLLERS AND ROLLER PINS							
	EUCLID NO.	O.D.	I.D.	THICK	DIM. BETWEEN LEG OPENING	HEIGHT	GENERAL INFORMATION
	E-1106					5/8"	1-11/32"




FOR BRAKE ANCHOR PINS, ROLLERS AND ROLLER PINS							
	EUCLID NO.	O.D.	I.D.	THICK	DIM. BETWEEN LEG OPENING	HEIGHT	GENERAL INFORMATION
	E-563	1-3/4"	1-1/4"	1/8"			





	EUCLID NO.	O.D.	I.D.	THICK	GENERAL INFORMATION		
	E-537	1-5/8"	1-1/4"	5/32"		Anchor Pin Felt. Use with E-563 Retainer	





	EUCLID NO.	O.D.	I.D.	THICK	GENERAL INFORMATION		
	E-1426	1-5/8"	1-1/4"	9/64"		Neoprene Anchor Pin Seal. Alternate for E-537 Felt	

FOR BRAKE ANCHOR PINS, ROLLERS AND ROLLER PINS							
	EUCLID NO.	O.D.	I.D.	THICK	GENERAL INFORMATION		
	E-1269	1-3/4"	1-1/4"	9/64"		Neoprene Anchor Pin Seal. Alternate for E-537 Felt and E-563 Retainer	




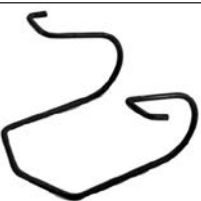

	EUCLID NO.	I.D.	THICK	GENERAL INFORMATION			
	E-527	3/4"		Lock Ring for use with Eaton 16-1/2" Dia. Fabricated Steel Shoes and Std. Forge 12-1/4" Fabricated Steel Shoes			
	E-2392	15/16"		Lock Ring for use with E-2390 Pin			


FOR BRAKE ANCHOR PINS, ROLLERS AND ROLLER PINS				
	EUCLID NO.	I.D.	THICK	GENERAL INFORMATION
	E-801	1-1/8"		Lock Ring. For Meritor 4000-6000 Series Axles. Also used on 1-1/4" Anchor Pins with grooves.
	E-10834	1-1/8"		Lock Ring
	E-2723	1-1/4"		Lock Ring


FOR BRAKE ANCHOR PINS, ROLLERS AND ROLLER PINS						
	EUCLID NO.	OVERALL LENGTH	HOLE CTR. TO HOLE CTR.	HOLE DIA.	THICK	GENERAL INFORMATION
	E-2401	3-1/2"	1-15/16"		3/16"	Anchor Pin Link for Early Model Std. Forge 12-1/4" Dia. Trailer Brakes with New Style Fabricated Steel Shoe
	E-3871	4"	2-5/16"	15/16"		Anchor Pin Link for 15" x 4" Q Brakes
	E-10829	4-3/4"	2-1/2"	3/4"		Anchor Pin Retainer Plate for Meritor W Series 14-1/2" x 10" Coach Brakes
	E-10819	4-3/4"	2-1/2"	1-1/4"		Anchor Pin Link


	EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
	E-1107	3/4"-16	1-1/8"	27/64"	Jam nut. Use with E-1814, E-2029 or E-2414 Anchor Pins
GRADE C 	E-4961A	3/4"-16	1-1/8"	5/8"	Lock Nut for Meritor 15" x 3-1/2" and 4" T Series Brakes.
	E-937	1"-14	1-7/16"	7/8"	Lock Nut for use with E-1403 Anchor Pin and E-3975 Lockwasher
	E-10761				Horse Collar




FOR BRAKE ANCHOR PINS, ROLLERS AND ROLLER PINS









	EUCLID NO.	GENERAL INFORMATION
	E-1581	Roller Retainer for Pro-Par® Axle with 12-1/4" Brakes
	E-3007A	Roller Retainer for Meritor Q and Q+™ Brakes
	E-3227	Roller Retainer for all Pro-Par® Axles with 16-1/2" Brakes including XEM
	E-539	Roller Retainer for use with E-523, E-586, E-598, E-781, E-2177, E-2215 Rollers
	E-5478	Brake Shoer Roller Retainer for Eaton 16-1/2" ES Brake

	EUCLID NO.	CLIP OPENING	GENERAL INFORMATION
	E-5124	63/64"	Shoe Hold Down Spring for Eaton 15" x 4" front brakes with 1-1/2" offset spider

	EUCLID NO.	O.D.	LENGTH	GENERAL INFORMATION
	E-9045	3/16"	1-1/4"	Roll Pin Lock for use with E-9044 Roller Pin

	EUCLID NO.	LENGTH	GENERAL INFORMATION
	E-4078	1-1/16"	Rubber Dust Cover for Eaton 15" x 4" Front Brakes



	EUCLID NO.	THREAD	LENGTH	GENERAL INFORMATION
	E-773	1/4"-20	1/4"	Roller Pin Set Screw
	E-9042	5/16"-24	5/8"	Anchor Pin Lock Screw for use with E-9041 and E-9050 Anchor Pins
	E-579A	3/8"-16	5/16"	Anchor Pin Lock Screw used on Both Tractor and Trailer Spiders to Lock Anchor Pin in place

FOR BRAKE ANCHOR PINS, ROLLERS AND ROLLER PINS					
	EUCLID NO.	O.D.	I.D.	THICK	GENERAL INFORMATION
	E-2725				Spring Washer for Wagner 15" x 3", 3-1/2" and 4" Diameter Air Brake
	E-2726				"C" Washer for Wagner 15" x 3", 3-1/2" and 4" Diameter Air Brake
	E-3975		1"		Lock Washer for use with E-1403 Anchor Pin
	E-2724	13/16"	1/4"	1/16"	Guide Washer for Wagner 15" x 3", 3-1/2" and 4" Diameter Air Brake
	E-10817	1-47/64" x 1"	11/32"	3/16"	Anchor Pin Lock for Meritor W Series 14-1/2" x 4" and 6" Coach Brakes
	E-10865	1-1/4"	3/4"	3/64"	Use on Meritor 14-1/2" x 10" W series coach brakes and 15" x 3-1/2" and 4" T brakes.
	E-3874	1-1/4"	13/16"	5/32"	Anchor Pin Washer for Meritor 15" x 4" Front Q Brake
	E-3427	1-3/8"	25/32"	1/8"	Anchor Pin Washer for Meritor 15" x 3-1/2" and 4" T Series Brakes
	E-2391	1-1/2"	1"	1/32"	Anchor Pin Washer for use with E-2390 Anchor Pin
	E-10842	1-5/8"	29/32"	1/4"	Anchor Pin Washer
	E-1113	1-7/8"	1-17/64"	1/16"	Anchor Pin Washer for Meritor 4000-6000 Series Axle Spline End
	E-10831	1-7/8"	1-17/64"	3/32"	Anchor Pin Washer
	E-10832	1-7/8"	1-17/64"	1/8"	Anchor Pin Washer
	E-10833	1-7/8"	1-17/64"	5/32"	Anchor Pin Washer

BRAKE SHOE BUSHINGS

BUSHINGS — OTHER					
	EUCLID NO.	O.D.	I.D.	LENGTH	GENERAL INFORMATION
	E-1808	1-1/16"	1"	1-3/4"	Stainless steel version of E-1026 bushing
	E-2218	1-3/8"	1-1/4"	11/16"	Stainless steel version of E-541 bushing
	E-541	1-3/8"	1-1/4"	11/16"	Powdered Metal impregnated with lubricant.
	E-9047	1-13/32"	1-1/4"	3/4"	Steel. For Eaton ES Severe Service cast brake shoes.
	E-10839	1-1/2"	1-1/4"	5/8"	Use with Meritor coach 14-1/2" brake
	E-10813	1-1/2"	1-1/4"	1-61/64"	Use with Meritor coach 14-1/2" brake.

GREASE FITTINGS

FOR ANCHOR PINS, SUPPORT BRACKETS AND SPIDERS			
	EUCLID NO.	THREAD	GENERAL INFORMATION
	E-1307	1/8" Pipe Thread	Straight fitting. For Anchor Pins, Support Brackets and Spiders
	E-1308	1/8" Pipe Thread	45° angle fitting. For Anchor Pins, Support Brackets and Spiders

ANCHOR PIN SPIDER BUSHINGS

Brake and
Wheel End

BRAKE HARDWARE








FOR SPIDER BUSHINGS					
	EUCLID NO.	O.D.	I.D.	LENGTH	GENERAL INFORMATION
	E-2389	1-1/8"	1"	1-7/16"	For Late Model Std.Forge 12-1/4" Brakes
	E-8938	1-3/8"	1-1/4"	1-29/64"	Stainless steel "dimpled" I.D. Available exclusively from Euclid! Same as E-1893, except dimpled I.D. surface acts as reservoir to trap and hold antiseize lubricant corrosion resistance. Makes anchor pin removal easier at reline.
	E-1893	1-3/8"	1-1/4"	1-29/64"	Stainless steel. Smooth I.D. No slot. Use with E-1112 pin
	E-1893S	1-3/8"	1-1/4"	1-29/64"	Carbon steel. Smooth I.D. No slot. Use with E-1112 pin
	E-919	1-3/8"	1-1/4"	1-15/32"	Stainless Steel. Slot on center. Use with E-502 and E-512 pins
	E-920	1-3/8"	1-1/4"	1-15/32"	Stainless steel. Slot off center. Use with E-609 pin
	E-920S	1-3/8"	1-1/4"	1-15/32"	Carbon steel. Slot off center. Use with E-609 pin
	E-10836	1-1/2"	1-1/4"	1-15/32"	Carbon steel. Slot off center. For Meritor W Brakes.
	E-10828	1-1/8"	3/4"	1/2"	Included in Brake Kit E-10869

RETURN SPRINGS



FOR 12-1/4" BRAKES



Return Spring colors are for identification purposes only. Colors do not indicate the type or quality of spring wire. Colors may or may not match colors used by OEM.

	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 BLACK	E-1025	4-3/16"	3/4"	For 12-1/4" Brakes. Heavy-Duty Version of E-1025 .109 Dia. Wire
 BLUE	E-2101	4-3/16"	3/4"	For 12-1/4" Brakes Heavy-Duty version of E-1025 .120 Dia. Wire
 BLACK	E-1400	6"	1/2"	For 12-1/4" Brakes With Pressed Steel Shoe Only. Use 2 Springs per Shoe
 BLACK	E-757	6-1/4"	1"	For Std. Forge 12-1/4" Brake and Meritor 16-1/4" x 3-1/2" T Series Brake
 BLUE	E-2398	6-9/16"	1"	For 12-1/4" Brakes, Heavy-Duty Version of E-757
 BLACK	E-1583	6-3/4"	1-1/8"	For Fruehauf Pro-Par [®] Axle 12-1/4" Brakes
 BLUE	E-3481A	6-7/8"	1-1/8"	For Meritor 12-1/4" Q Brake









FOR 14-1/2" COACH BRAKES


	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 BLACK	E-10826	8-1/2"	1-1/4"	W Series Type 1, 2 and 3
 BLACK	E-10818	8-11/16"	5/8"	Steer Axle 14-1/2" x 4", 5", and 6" W Series










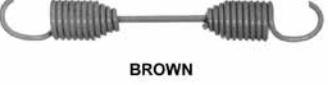


RETURN SPRINGS




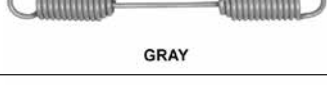
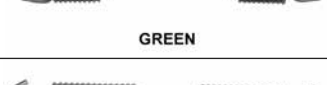
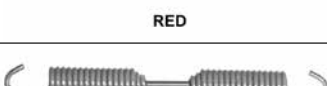

Brake and
Wheel End

BRAKE HARDWARE





FOR 15" BRAKES				
	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 RED	E-9037	3-9/16"	1-3/16"	For Eaton 15" x 6" ES Reduced Envelope Front Axle Brake. Requires two springs per brake assembly
 BLUE	E-5123	7-1/8"	13/16"	For Eaton 15" Front Brakes
 GREEN	E-3437	7-3/16"	7/8"	For Meritor T Series 15" Front Brake
 BLACK	E-980	7-1/2"	1-3/32"	For Wagner 15" Drive Axle Brakes
 BLACK	E-3872	7-11/16"	13/16"	For Meritor 15" x 4" Q Brake
 GRAY	E-9063	8-3/8"	1-1/8"	For Meritor 15" Q+™ Brake
 YELLOW	E-979	9-1/2"	5/8"	For Wagner 15" x 3", 3-1/2" Front Brakes.
 WHITE	E-9038	10-1/8"	1-1/8"	For Eaton 15" x 8-5/8" ES Reduced Envelope Drive Axle Brake

FOR 16-1/4" BRAKES				
	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 BLACK	E-757	6-1/4"	1"	For Std. Forge 12-1/4" Brake and Meritor 16-1/4" x 3-1/2" T Series Brake










FOR 16-1/2" BRAKES				
	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 ORANGE	E-9046	6-21/32"	1-1/4"	For Eaton 16-1/2" x 7" ES Severe Service Brake with Cast Shoes
 BLACK	E-544	7-1/2"	1-1/8"	For Std. Forge Cast Shoes
 BLACK	E-752	7-7/8"	1-1/8"	For 16-1/2" Mack Old Style Cast Shoes
 GREEN	E-545A	8"	1-1/8"	For Standard P Style Brakes. Use E-1880B for Heavy-Duty Application
 RED	E-1880B	8"	1-1/4"	100 lb. Mega Plus spring for 18" Brakes. Heavy-Duty version of E-545A. Use for Spicer XL Brakes and Meritor P Brakes.
 GRAY	E-1880S	8"	1-1/4"	For 16-1/2" Brakes. Heavy-Duty Wire, 80 lb. tension, not shot-peened. Found in Stopmate Plus Brake Repair Kits. Same applications as E-1880B.
 BLACK	E-3228	8-3/8"	1-1/8"	For 16-1/2" Fruehauf XEM Brake
 ORANGE	E-2768	8-3/8"	1-1/8"	For 16-1/2" Brakes with Shoe Return Spring for Meritor Q and Spicer Fast Change. Use with E-2767 Spring.
 RED	E-3490B	8-3/8"	1-1/4"	100 lb. Mega Plus spring. Heavy-Duty Version of E-2768 and E-3228. Use for Meritor Q+™
 BROWN	E-3490S	8-3/8"	1-1/4"	Heavy-Duty wire, 80 lb. tension, not shot-peened. Found in Stopmate Plus Brake Repair Kits. Same applications as E-3490B.
 YELLOW	E-8907	8-13/32"	1-1/8"	For Eaton 16-1/2" x 7" ES Severe Service Brake with fabricated shoes and Eaton Top Spec ES retrofit for Fruehauf and Meritor brakes.
 RED	E-9069	8-9/16"	1-1/8"	Bent Center Bar for Meritor 16-1/2" Front Q Brakes on FL Series Axles






FOR 16-1/2" BRAKES				
Image	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 BLACK	E-543	9"	1-1/8"	Used on 16-1/2" x 6" x 7" shoes. Also 18" x 7" Brakes with cast shoe.
 GREEN	E-9643	9-1/16"	1-3/16"	For 16-1/2" Brakes with relocated return spring shoes and Q+™ camshafts. Can also be used on "Hammer Claw" camshafts
 RED	E-2475	10"	1-3/16"	For Eaton 16-1/2" Brakes on Front Axle and Drive Axles with High Mount Shoes
 GRAY	E-10197	10-3/4"	1-1/8"	100 lb. "Mega Plus" spring for Eaton 16-1/2" ES and ES-II Brake
 GREEN	E-2785	10-3/4"	1-5/32"	Alternate Spring for Eaton 16-1/2" Single Anchor Pin Brake. For extra spindle clearance.
 RED	E-1428A	10-13/16"	1-1/8"	100 lb. "Mega Plus" spring for Eaton 16-1/2" Standard Single Anchor Pin Brake. For Alternate Spring use E-2785.
 BROWN	E-1428S	10-13/16"	1-1/8"	For 16-1/2" Brakes. Heavy-Duty wire, 100 lb. tension, not shot-peened. Found in Stopmate Plus Brake Repair Kits. Same applications as E-1428A.

FOR 18" BRAKES				
Image	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 GREEN	E-3512	6"	3/4"	For Meritor 18" brake using E-3513 spring retainer
 RED	E-1880B	8"	1-1/4"	100 lb. Mega Plus spring for 18" Brakes. Heavy-Duty version of E-545A. Use for Spicer XL Brakes and Meritor P Brakes.
 BLACK	E-543	9"	1-1/8"	Used on 16-1/2" x 6" x 7" Shoes. Also 18" x 7" Brakes with Cast Shoe.
 GREEN	E-2804	11-3/8"	1-1/4"	For Eaton 18" x 7" Brake.
 GREEN	E-1458	6"	9/16"	For RS Brakes and Pre-121 15" RD Brakes.




FOR WEDGE BRAKES				
	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 BLACK	E-2163	7-1/2"	15/16"	For Twin-plex Drive and Trailer Wedge Brakes. Use with E-2164 Damper.
 BLACK	E-1140	7-3/4"	29/32"	For 15" x 6" and 7" RD and Weld-On RD Trailer Brakes. Replaces old style blue and green spring.
 RED	E-2745	8-3/8"	15/16"	For Bendix "Non-Servo" Front Brake
 YELLOW	E-2476	8-3/8"	1"	For Meritor Front Axle Wedge Brake Square Connecting Rod for Application on Cast Spider




RETAINER SPRINGS

BRAKE RETAINER SPRINGS				
	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 BLACK	E-5122	3-7/8"	5/8"	For Eaton 15" Front Brakes
 ORANGE	E-1418	4-17/32"	1"	For Eaton 16-1/2" Single Anchor Pin Brakes
 GREEN	E-2805	4-5/8"	1-1/4"	Retainer Spring for Eaton 18" x 7" Brake
 UNPAINTED	E-5305	5"	3/16"	For Spicer 12-1/4" x 7-1/2" U Brake
 BLUE	E-3873	5-9/32"	5/8"	For Meritor 15" x 4" Q Brake
 ORANGE	E-2767	5-1/2"	3/4"	For Eaton 15" x 8- 5/8" REDUCED ENVELOPE, Fruehauf XEM, Spicer and Meritor 12-1/4", 16-1/2" Q and Q+™
 BROWN	E-14657	5-1/2"	4/5"	For Spicer (Dana) 12 1/4" ABS Brakes
 ORANGE	E-10198	5-1/2"	13/16"	For Eaton 16-1/2" x 7" ES-II Brake. Install with Coil End up.
 BLUE	E-5088	6-5/16"	3/4"	For Mack with Meritor 16-1/2" Q Brake on 50,000 lb. Rear Axles

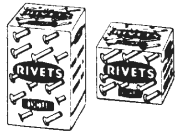
CAM RETURN SPRING RETAINER				
	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
	E-3513			Use with Meritor 18" Brakes
	E-2399	2-1/8"	15/32"	For Alternate Version use E-747
	E-10822	2-5/32"	27/64"	Use with Meritor Coach 14-1/2" Brakes
	E-747	2-3/4"	1/4"	Use with Fabricated Shoes for Kershaw, Fruehauf, Shuler, Meritor, Spicer (Dana) and Std. Forge
	E-10811	2-25/32"	27/64"	Use with Meritor Coach 14-1/2" Brakes

BRAKE BLOCK BOLTS

ASSEMBLIES						
	EUCLID NO.	DESCRIPTION	REPLACES RIVET	SIZE		
				THREAD	LENGTH	THREAD TYPE
	E-633X	Brass Brake Bolt 48-Inch pounds of torque	NO. 8	3/16"-32	1"	SAE Fine
	E-634X		NO. 10	1/4"-28		
	E-917X	Brass Brake Bolt with Keps Nut 48-Inch pounds of torque	NO. 8	3/16"-24	1"	USS Coarse
	E-918X		NO. 10	1/4"-28		SAE Fine
	E-999X	Steel Brake Bolt 48-Inch pounds of torque	NO. 10	1/4"-28	1"	SAE Fine

	EUCLID NO.	DESCRIPTION	SIZE		THREAD TYPE
			THREAD	LENGTH	
	E-798X	Brass Brake Bolt 15-Foot pounds of torque	3/8"-16	1"	USS Coarse
	E-628X			1-1/4"	
	E-635X			1-1/2"	
	E-797X			1"	
	E-636X	Brass Brake Bolt 15-Foot pounds of torque	3/8"-24	1-1/4"	SAE Fine
	E-583X			1-1/2"	
	E-916X			1"	
	E-914X	Brass Brake Bolt with Steel Washer & Nut 15-Foot pounds of torque	3/8"-16	1-1/4"	USS Coarse
	E-912X			1-1/2"	
	E-915X			1"	
	E-913X	Brass Brake Bolt with Steel Washer & Nut 15-Foot pounds of torque	3/8"-24	1-1/4"	SAE Fine
	E-911X			1-1/2"	

BRASS



To eliminate all possible confusion and to insure that the correct quantities will be shipped, we request that you order rivets as follows:

- EXAMPLE**
- "B" = Brass Rivets
 - "S" = Brass-Plated Steel Rivets
 - 7-6B = Brass in 100 per box
 - 7-6B-BK = Brass in 1000 per box
 - 7-6S = Steel in 100 per box
 - 7-6S-BK = Steel in 1000 per box

SIZE	LENGTH	EUCLID NO.
9/64"Body x 5/16"Head	1/4"	4-4B
	9/32"	4-4.5B
	5/16"	4-5B
	3/8"	4-6B
	7/16"	4-7B
9/64"Body x 3/8"Head	1/4"	5-4B
	5/16"	5-5B
	3/8"	5-6B
	3/4"	5-12B
3/16"Body x 3/8"Head	1/4"	7-4B
	5/16"	7-5B
	3/8"	7-6B
	7/16"	7-7B
	1/2"	7-8B
	9/16"	7-9B
	5/8"	7-10B
	3/4"	7-12B
3/16"Body x 1/2"Head	3/8"	8-6B
	7/16"	8-7B
	1/2"	8-8B
	9/16"	8-9B
	5/8"	8-10B
	3/4"	8-12B
.195/.200"Body x 1/2"Head	1/2"	20-8B
	9/16"	20-9B
	5/8"	20-10B
1/4"Body x 1/2"Head	1/2"	10-8B
	9/16"	10-9B
	5/8"	10-10B
	3/4"	10-12B

STEEL

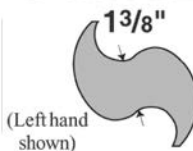
SIZE	LENGTH	EUCLID NO.
3/16"Body x 3/8"Head	3/8"	7-6S
	7/16"	7-7S
3/16"Body x 1/2"Head	3/8"	8-6S
	7/16"	8-7S
	1/2"	8-8S
.195/.200"Body x 1/2"Head	1/2"	20-8S
	9/16"	20-9S
1/4"Body x 1/2"Head	7/16"	10-7S
	1/2"	10-8S
	9/16"	10-9S
	5/8"	10-10S

BRAKE IDENTIFICATION:

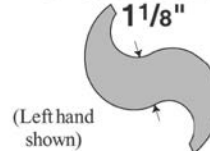
HOW TO USE THIS CHART

- Compare Brake Shoe Profiles
- Compare Table End Views
- Compare Brake Block Drill Patterns
- Determine Which Type of Camshaft Each Brake Shoe Uses

"STANDARD" S-CAM HEAD



"EXTENDED LIFE" S-CAM HEAD



"STANDARD" BRAKES

BRAKE BLOCK DRILL PATTERN	TABLE	BRAKE TYPE
FMSI 4311J 28 Holes 3/4" Thick 10-8 Rivets	 anchor end view Use "std." OR "ext. life" camshaft	EATON 1 1/4" E-1778
FMSI 4515E 32 Holes 3/4" Thick 10-8 Rivets	 roller end view Use "std." camshaft	FRUEHAUF "XEM" 59/64" 1 1/16" E-3920
FMSI 4515E 32 Holes 3/4" Thick 10-8 Rivets	 roller end view Use "std." OR "ext. life" camshaft	MERITOR "Q" 1 1/4" 1" E-2778
FMSI 4515E 32 Holes 3/4" Thick 10-8 Rivets	 roller end view Use "std." OR "ext. life" camshaft	MERITOR "Q" FOR FRUEHAUF 1 1/4" 1" E-6075
FMSI 4515E 32 Holes 3/4" Thick 10-8 Rivets	 roller end view Use "std." OR "ext. life" camshaft	SPICER "FAST CHANGE" 1 1/4" 1" E-2778

"EXTENDED LIFE" BRAKES

BRAKE TYPE	TABLE	BRAKE BLOCK DRILL PATTERN
EATON "ES I" 1 1/4" E-5480	 anchor end view Use "ext. life" camshaft	FMSI 4709 28 Holes 7/8" Thick 10-9 Rivets
EATON "ES II" 1 1/4" E-10272	 anchor end view Use "ext. life" camshaft	FMSI 4709 28 Holes 7/8" Thick 10-9 Rivets
EATON TOP SPEC "ES" FOR FRUEHAUF 59/64" 1 1/16" E-8922	 roller end view Use "std." camshaft	FMSI 4708 28 Holes 13/16" Thick 10-9 Rivets
MERITOR "Q PLUS" 1 1/4" 1" E-5503	 roller end view Use "ext. life" camshaft	FMSI 4707 28 Holes 7/8" Thick 10-9 Rivets
EATON TOP SPEC "ES" FOR MERITOR 1 1/4" E-8924	 roller end view Use "std." OR "ext. life" camshaft	FMSI 4708 28 Holes 13/16" Thick 10-9 Rivets



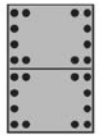


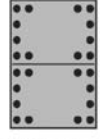
"Standard" vs. "Extended Life"

"Standard" brakes use "standard" OR "extended life" camshafts.

Most "extended life" brakes use ONLY "extended life" camshafts.

Fruehauf brakes use ONLY "standard" camshafts.

"EXTENDED LIFE" BRAKES







BRAKE TYPE	TABLE	BRAKE BLOCK DRILL PATTERN
SPICER "XL"  E-2778	 roller end view Use "ext. life" camshaft	FMSI 4701  24 Holes 7/8" Thick 10-9 Rivets
SPICER "XL II"  E-5503	 roller end view Use "ext. life" camshaft	FMSI 4707  24 Holes 7/8" Thick 10-9 Rivets

EUCLID BRAKE REPAIR KITS		
EUCLID SHOE NO.	BRAKE TYPE	EUCLID KIT NO.
E-1778	EATON	E-1887AHD E-1887ASHD
E-2778	MERITOR "Q" SPICER "FAST CHANGE"	E-2769HD E-2769S E-2769SHD
E-2778	SPICER "XL"	E-5515
E-3920	FRUEHAUF "XEM"	E-3710HD E-3710S E-3710SHD
E-5480	EATON "ES"	E-5481A
E-5503	MERITOR "Q PLUS" & SPICER "XL II"	E-2769HD E-2769SHD
E-6075	MERITOR "Q" FOR FRUEHAUF	E-2769HD E-2769S E-2769SHD
E-8922	EATON TOP SPEC "ES" FOR FRUEHAUF	E-8923
E-8924	EATON TOP SPEC "ES" FOR MERITOR	E-8925
E-10272	EATON "ES II"	E-10244

CAM BRAKE SHOES


Brake and
Wheel End

BRAKE HARDWARE

12-1/4" DIAMETER						
UNLINED SHOE NO.	SIZE	FMSI NO.	RIVET	USE BRAKE REPAIR KIT	APPLICATION	
	E-9025	12-1/4" x 4"	4700	8-	E-2402HD, RE-2403HD	Dexter
	E-9026	12-1/4" x 5"	4661C	8-	E-2402HD, BE-2403HD	Dexter
	E-10876	12-1/4" x 4"	4700	8-	E-10875	Dexter PQ
	E-10877	12-1/4" x 5"	4661C	8-	E-10875	Dexter PQ
	E-10878	12-1/4" x 7-1/2"	4591	8-	E-10875	Dexter PQ
	E-1580	12-1/4" x 8"	4649	20-8	E-2286	Fruehauf Pro-Par®
	E-10762	12-1/4" x 5-1/2"	4536E		E-10757 (early version), E-10756 (later version)	Spicer
	E-10763	12-1/4" x 7-1/2"	4692		E-10757 (early version), E-10756 (later version)	Spicer
	E-5303A	12-1/4" x 7-1/2"	4692	10-8	E-3782, E-9283	Spicer and Std. Forge U Brake
	E-2393	12-1/4" x 5-1/2"	4536B	20-8	E-2402HD, ME-2403HD	Standard Forge Heavy-Duty Version for Severe Service
	E-2394	12-1/4" x 7-1/2"	4591	20-8	E-2402HD, AE-2403HD	Standard Forge Heavy-Duty Version for Severe Service


COACH BRAKE SHOES

14-1/2" DIAMETER

	UNLINED SHOE NO.	SIZE	FMSI NO.	RIVET	USE BRAKE REPAIR KIT	APPLICATION
	E-10804	14-1/2" x 5"	4398B	3/8" Bolt	E-10866-A	Meritor Coach
	E-10803	14-1/2" x 6"	4228B	3/8" Bolt	E-10841-A	Meritor Coach
	E-10810	14-1/2" x 10"	4592A	3/8" Bolt	E-10869	Meritor Coach

WEDGE BRAKE SHOES

15" DIAMETER

	UNLINED SHOE NO.	SIZE	FMSI NO.	RIVET	USE BRAKE REPAIR KIT	APPLICATION
	E-2689	15" x 5"	4615	10-9	See Meritor Wedge Brake Section	Meritor STOPMASTER
	E-1139	15" x 7"	4602	10-9	See Meritor Wedge Brake Section	Meritor STOPMASTER

CAM BRAKE SHOES






15" DIAMETER



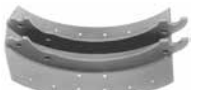


	UNLINED SHOE NO.	SIZE	FMSI NO.	RIVET	USE BRAKE REPAIR KIT	APPLICATION
	E-5126	15" x 4"	1308	10-7	E-5139	Eaton Single Anchor Pin Front Axle
E-9027	15" x 4"	1443TT	10-7	E-5139	Eaton ES EXTENDED SERVICE Front Axle. Single web. Stamping No.: 807686	
	E-9036	15" x 8-5/8"	4717	10-	E-9039	Eaton REDUCED ENVELOPE Brake
	E-5528	15" x 4"	1308T	10-7	E-3869, E-7899	Meritor Q Brake Front Axle. Mfg. Stamping No.: 3222-D-1980 (Web); 3222-B-1094 (Table)
	E-9062	15" x 4"	4702	10-9	E-9064	Meritor Q+™ Brake. Mfg. Stamping No.: 3222-F-2164 (Web); 3222-W-1947 (Table)
	E-11453	15" x 5"	4703	10-9	E-9064	Meritor Q+™ Brake. Front Axle. Mfg. Stamping No.: 3222-B-2108 (Web); 3222-R-1968 (Table)
	E-11454	15" x 6"	4704	10-9	E-9064	Meritor Q+™ Brake. Front Axle. Mfg. Stamping No.: 3222-B-2108 (Web); 3222-E-1955 (Table)
	E-11455	15" x 7"	4705	10-9	E-9064	Meritor Q+™ Brake. Rear Drive or Trailer Axle. Mfg. Stamping No.: 3222-B-2108 (Web); 3222-X-1948 (Table)
	E-11456	15" x 8-5/8"	4710	10-9	E-9064	Meritor Q+™ Brake. Drive and Trailer Axle. Mfg. Stamping No.: 3222-B-2108 (Web); 3222-B-2160 (Table)



CAM BRAKE SHOES


Brake and
Wheel End


BRAKE HARDWARE

16-1/2" DIAMETER						
	UNLINED SHOE NO.	SIZE	FMSI NO.	RIVET	USE BRAKE REPAIR KIT	APPLICATION
	E-2474	16-1/2" x 5"	4223A	10-10	E-3801	Eaton Single Anchor Pin - High Mount (Offset Spring Retainer Pin)
	E-9509	16-1/2" x 6"	4317	10-8	E-3801	Eaton Single Anchor Pin - High Mount (Offset Spring Retainer Pin)
	E-8924	16-1/2" x 7"	4708	10-9	E-8925	Eaton Top Spec ES For Meritor Q Brake (not for Meritor Q+™)
	E-10270	16-1/2" x 5"	4719	10-9	E-10760	Eaton ES II Brake. Mfg. Stamping No.: 819700 (Web)
	E-10271	16-1/2" x 6"	4725	10-9	E-10760	
	E-10272	16-1/2" x 7"	4709	10-9	E-10244	
	E-10273	16-1/2" x 8-5/8"	4726	10-9	E-10244	
	E-3920	16-1/2" x 7"	4515E	10-8	E-3710 Series, E-3895 Series	Freuhauf Current Design XEM


16-1/2" DIAMETER						
	UNLINED SHOE NO.	SIZE	FMSI NO.	RIVET	USE BRAKE REPAIR KIT	APPLICATION
	E-2687	16-1/2" x 5"	4524B	10-8	KIT-4 Series, E-1816 Series	Meritor P Brake Front Axle
	E-3522	16-1/2" x 8-5/8"	4551B	10-8	E-2769 Series, E-3895 Series, E-6999 Series	Meritor Q Brake
	E-3417	16-1/2" x 10"	4514G, 4549C	10-8	E-2769 Series, E-3895 Series, E-6999 Series	Meritor Q Brake
	E-10854	16-1/2" x 5"	4720	10-9	E-9644	Meritor Q+™ Brake. NOTE: Euclid recommends using only Heavy-Duty Return Springs with Q+™ Brakes.
	E-10847	16-1/2" x 6"	4715	10-9	E-9644	Meritor Q+™ Brake. NOTE: Euclid recommends using only Heavy-Duty Return Springs with Q+™ Brakes.
	E-5503	16-1/2" x 7"	4707	10-9	E-2769 Series	Meritor Q+™ Brake. NOTE: Euclid recommends using only Heavy-Duty Return Springs with Q+™ Brakes.
	E-10844	16-1/2" x 8-5/8"	4711	10-9	E-2769 Series	Meritor Q+™ Brake. NOTE: Euclid recommends using only Heavy-Duty Return Springs with Q+™ Brakes.
	E-2778	16-1/2" x 7"	4515E Meritor, 4701 Spicer	10-8 Meritor, 10-9 Spicer	E-2769 Series, E-3895 Series, E-6999 Series Meritor Appl. E-5515 Spicer Applications	Meritor Q Brake. Spicer XL XTRALIFE Brake.


18" DIAMETER						
	UNLINED SHOE NO.	SIZE	FMSI NO.	RIVET	USE BRAKE REPAIR KIT	APPLICATION
	E-2801	18" x 7"	4527B		E-2821	Eaton Single Anchor Pin Mack, Navistar - Cast Iron
	E-5500	18" x 7"	4284		E-5499	Spicer and Std. Forge

12-1/4" DIAMETER						
	EUCLID NO.	PILOT DIA.	BOLT CIRCLE DIA.	HOLE DIA.	NO. OF MTG. HOLES	GENERAL INFORMATION
		E-1108	5-5/8"			

16-1/2" DIAMETER						
	EUCLID NO.	PILOT DIA.	BOLT CIRCLE DIA.	HOLE DIA.	NO. OF MTG. HOLES	GENERAL INFORMATION
		E-959				

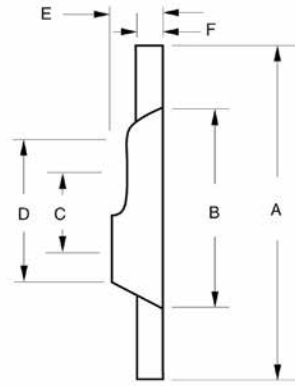
BRAKE AND AXLE PARTS

BRAKE FLANGE						
	EUCLID NO.	PILOT DIA.	BOLT CIRCLE DIA.	HOLE DIA.	NO. OF MTG. HOLES	GENERAL INFORMATION
		E-864	5-1/8"	6-5/8"	1/2"	16

BRAKE SPIDER MOUNTING BOLT AND NUT				
	EUCLID NO.	BOLT DIAMETER	BOLT LENGTH	GENERAL INFORMATION
		E-632	1/2"	1-13/16"

FOR MERITOR TRAILER APPLICATIONS WITH FABRICATED STEEL SPIDERS

1 PIECE SET



BRAKE SIZE	EUCLID NO.	A	B	C	D	E	F	COMMENTS
16-1/2" x 6"	E-9095AHD¹	18-1/4"	14-3/8"	5-1/4", 5-3/4"	11"	2-3/4"	5/8"	4-13/32" Holes
16-1/2" x 7"	E-9095A							

DUST SHIELD MOUNTING KIT FOR MERITOR FABRICATED STEEL SPIDERS

	EUCLID NO.	INCLUDES	COMMENTS
	E-10243	1 ABS Grommet 2 Dust Plugs 4 Dust Spacers 4 Mounting Screws	For use with E-9095 Dust Shield. Services one Dust Shield. Torque spec 25-35 ft.lb.

¹Includes Spacers

FOR MULTI-PURPOSE TRAILER APPLICATIONS

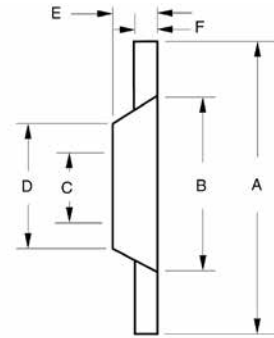
1 PIECE



E-886
STEEL
16 Gage



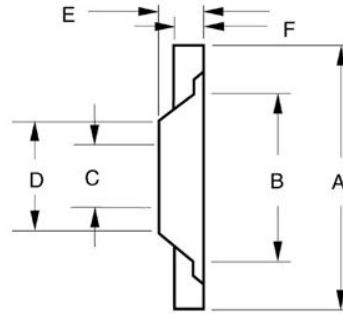
E-3775
PLASTIC
Space age nylon plastic is corrosion-resistant and 3.5 lbs. lighter than steel dust shield



BRAKE SIZE	EUCLID NO.	TYPE	A	B	C	D	E	F	COMMENTS
16-1/2" x 6", 16-1/2" x 7"	E-3775	Plastic Version of E-886	18-1/4"	14-3/8"	7-13/16"	10"	3"	5/8"	4-11/32" Holes
16-1/2" x 6", 16-1/2" x 7"	E-886	Steel – 16 Gauge	18-1/4"	14-3/8"	7-13/16"	10"	3"	5/8"	4-25/32" Holes

FOR EATON BRAKES - TRUCK/TRACTOR APPLICATION WITH CAST SPIDERS

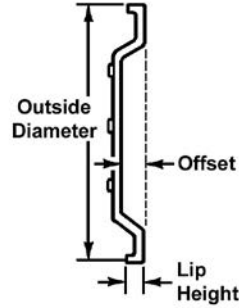
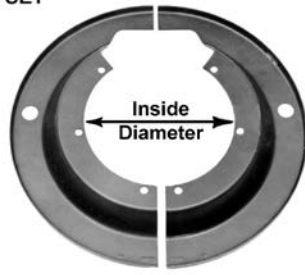
2 PIECE SET



BRAKE SIZE	EUCLID NO.	A	B	C	D	E	F
16-1/2" x 7"	E-2807	18-1/4"	11-5/8"	9-15/16"	11-1/2"	1-1/4"	5/8"

FOR MERITOR P BRAKES

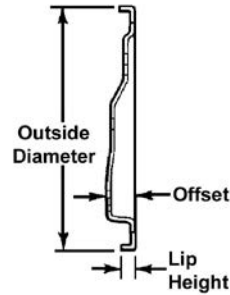
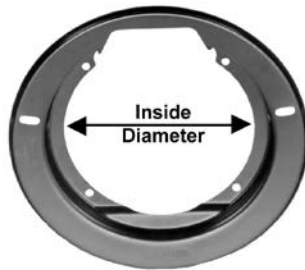
2 PIECE SET



BRAKE SIZE	EUCLID NO.	OUTER DIA.	INNER DIA.	OFFSET	LIP HEIGHT
16-1/2" x 7"	E-11939	18-1/8"	8-15/16"	1-5/8"	9/16"
16-1/2" x 6"	E-11941	18-1/8"	9-7/8"	3/4"	2-1/32"
	E-11942 1	18-1/8"	10-11/16"	1-1/4"	17/64"
18"	E-11943	19-5/8"	10-1/8"	3/4"	2-1/32"

FOR MERITOR Q+ BRAKES

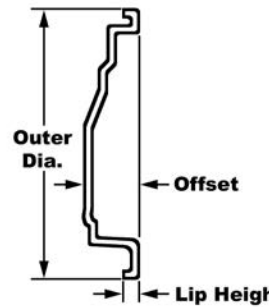
1 PIECE



BRAKE SIZE	EUCLID NO.	OUTER DIA.	INNER DIA.	OFFSET	LIP HEIGHT
15" x 4"	E-11935	16-9/16"	10-1/2"	1-5/32"	39/64"

FOR MERITOR Q+ BRAKES

2 PIECE SET

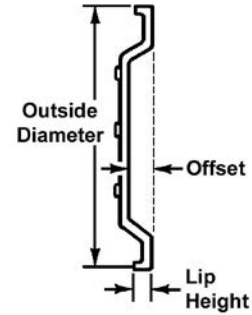
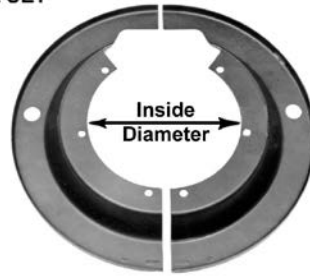


BRAKE SIZE	EUCLID NO.	OUTER DIA.	INNER DIA.	OFFSET	LIP HEIGHT
16-1/2" x 7"	E-11937	18-1/8"	9-5/8"	2-25/64"	9/16"

1 Includes Spacers

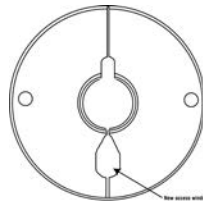
FOR MERITOR P AND Q BRAKES

2 PIECE SET



BRAKE SIZE	EUCLID NO.	OUTER DIA.	INNER DIA.	OFFSET	LIP HEIGHT
16-1/2" x 5", 16-1/2" x 6"	E-11938	18-1/8"	10-11/16"	1-1/4"	17/64"
16-1/2" x 5", 16-1/2" x 7"	E-11940	18-1/8"	10-1/8"	1-1/2"	21/32"

FOR INTRAAX®, VANTRAAX AND TRAILER AXLES



BRAKE SIZE	EUCLID NO.	OUTER DIA.	INNER DIA.	NOTES
16-1/2"	E-11907H	18-7/16"	5-1/8"	Genuine Hendrickson
16-1/2"	E-11907	18-7/16"	5-1/8"	Aftermarket
16-1/2"	E-14924	18-7/16"	5-3/4"	Aftermarket
16-1/2"	E-14924H	18-7/16"	5-3/4"	Genuine Hendrickson

EUCLID CAMSHAFT E.S.P. GUIDE - - - - - 2-2

BRAKE CAMSHAFTS — STEERING AXLE - - - - - 2-38

BRAKE CAMSHAFTS — DRIVE AXLE - - - - - 2-41

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CAMSHAFTS

EUCLID CAMSHAFT E.S.P. GUIDE

How to use this Euclid Camshaft E.S.P. Guide

CAMSHAFTS

Length: Measure from under the cam shaft head to the first lock ring groove. (If two lock ring grooves, measure from the groove closest to the head, see inset)

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and count: Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

Double Snap Ring Groove

Note 1 - Meritor Trailer Camshaft Journal Length and Hardware Selection

With the two different Meritor trailer camshaft journals, care must be taken to match the camshaft with the correct journal length (from under head to first snap ring groove) to the proper hardware. If the proper hardware is not used with these camshafts, damage can occur to foundation brake components, resulting in possible brake failure. Camshafts with the 2 5/64" journal length will work in all applications, but E-9075 Spacers will be needed with certain spiders (see table below).

SPIDER TYPE	JOURNAL LGTH.	E-9075 NEEDED?	CAMSHAFT REPAIR KIT
Cast or Fabricated with Weld-on Bushing Retainer	1 25/32"	NO	E-3520A, E-3520AHD, E-3989AHD, or E-9078HD
	2 5/54"	YES	E-9078HD (contains E-9075 Spacers)
Fabricated with Bolt-on Bushing	2 5/54"	NO	E-9079HD (contains E-6076 Bolt-on Bushings)

How to use this Euclid Camshaft E.S.P. Guide

Note 2 - Spicer (Dana) 12 ¼" Camshaft, Brake Shoe and Hardware Selection

The two current Spicer 12 ¼" camshaft designs that Euclid offers are the Standard head (Type 3 on E.S.P. Guide), and the second design "Fast-Rise" head, with "0794" OE head marking (Type 5 on E.S.P. Guide). Below is application information on these two camshaft series, along with the associated Euclid Brake Shoe and Repair Kit part numbers required.

The first design "Fast-Rise", with "M12" OE head marking (part numbers E-6083 through E-6100), have been discontinued by Spicer and Euclid. Standard and first design "Fast-Rise" camshafts can be replaced in pairs with second design "Fast-Rise" when using the correct shoe and roller (see below). Do not mix standard, first design or second design "Fast-Rise" camshafts on a single or tandem axle.

SHOE TYPE USED	EUCLID PART NO.	SHOE WIDTH	FMSI	BRAKE REPAIR KIT	ROLLER PART NO.	ROLLER DIAMETER	ROLLER DESIGN	CAMSHAFT DESIGN
Cast	E-1412A	5½"	4544	E-2030HD	E-2176	1 ¼"	2 Piece	Standard
	E-1413A	7½"	4607					
Fabricated "Severe Service" (Closed Roller End)	E-2393	5 ½"	4536B	E-2402HD	E-2395	1 ½"	2 Piece	Standard
	E-2394	7½"	4591	E-2403HD*				
Fabricated "Standard Version" (Open Roller End)	E-2393A	5 ½"	4536E	E-3373HD	E-2177	1 ¼"	1 Piece	Standard
				E-3374HD*				
	E-2394A	7 ½"	4692	E-9281	E-586	1 ½"	1 Piece	"Fast-Rise" (0794)
				E-9282*				
Fabricated "U" (Open Roller End)	E-5303A	7 ½"	4692	E-3782	E-2177	1 ¼"	1 Piece	Standard
				E-9283	E-586	1 ½"	1 Piece	"Fast-Rise" (0794)

* Conversion Brake Repair Kits to install fabricated shoes on bolt-on spiders, in place of cast shoes

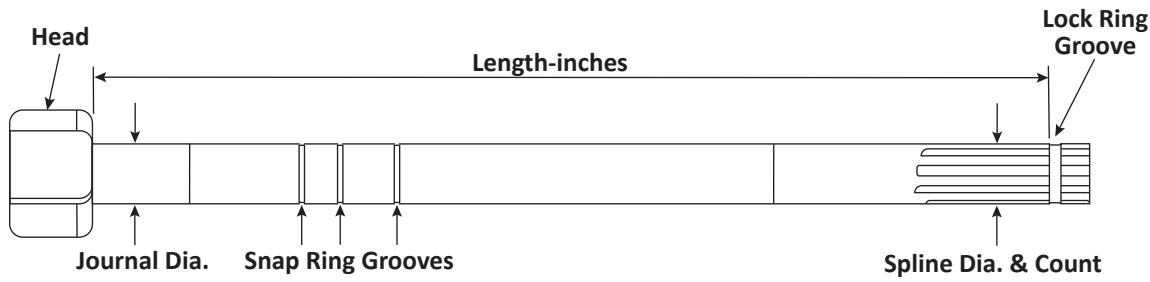
"Extended Life" Camshafts

Euclid's "Extended Life" descriptions apply to Meritor's "Q Plus", Spicer Dana's "Xtralife", and Eaton's "ES". For look-up purposes, Euclid groups these 16 ½" versions together. Meritor "Q Plus", Dana "Xtralife", and Eaton "ES" are registered trademarks.

When retrofitting from standard head to "Extended Life" camshafts, Euclid strongly recommends replacing both camshafts on a single axle or all camshafts on a tandem axle to promote a balanced brake condition. To retrofit standard or first design "Fast-Rise" Spicer 12 ¼" camshafts, see Note 2, above.

Meritor 16 ½" Steer Axle "Hammer Claw" Camshaft Replacement

To replace Meritor's discontinued "Hammer Claw" camshafts on 16 ½" steer axle brakes, use the same length "Q Plus" camshaft and the E-9643 offset-center bar return spring (Brake Repair Kit E-9644). The spring must be installed with the end hooks open toward the camshaft head. The E-9643 return spring can also service the "Hammer Claw" camshaft.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Journal: Measure the camshaft journal diameter.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Spline and Count Measure the spline diameter and count the number of splines.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

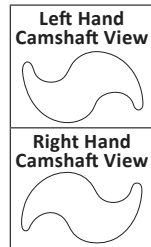
Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
6 - 7 Inch Camshaft Group									
6-13/64"	11	1-1/2"-28	1-1/2"	LH	E-11513	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11512				
6-3/8"	2	1-1/2"-28	1-5/8"	LH	E-17174	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17175				
6-13/32"	11	1-1/2"-10	1-1/2"	LH	E-4705B	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-4704B				
6-3/4"	2	1-1/2"-28	1-5/8"	LH	E-17196	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17197				
6-49/64"	5	1-1/2"-28	1-5/8"	LH	E-17240	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17241				
7 - 8 Inch Camshaft Group									
7-3/32"	11	1-1/2"-28	1-1/2"	LH	E-11515	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11514				
7-11/64"	5	1-1/2"-28	1-5/8"	LH	E-17261	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17262				
7-1/4"	2	1-1/2"-10	1-1/2"	LH	E-16848	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16849				
7-1/4"	2	1-1/2"-10	1-1/2"	LH	E-16836	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16837				
7-1/4"	2	1-1/2"-10	1-1/2"	LH	E-16848	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16849				

Listed by camshaft length from under head to beginning of lock ring groove.

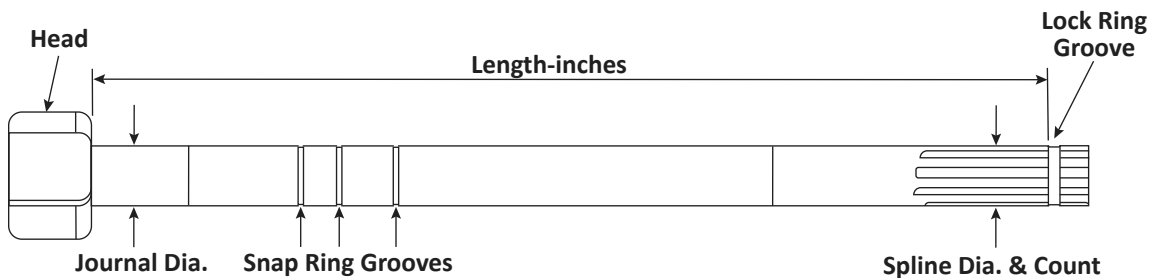
TYPE 1 1 1/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/2" Spicer, Eaton	TYPE 4 1 1/16" 12 1/2" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 1/16" 15", 16 1/4" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"	

Head End*



Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
7-1/4"	2	1-1/2"-28	1-5/8"	LH	E-17204	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17205				
7-17/64"	5	1-1/2"-28	1-5/8"	LH	E-17242	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17243				
7-3/8"	9	1-1/4"-10	1-1/2"	LH	E-16826	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal plus Single Slack Groove
				RH	E-16827				
7-3/8"	2	1-1/2"-10	1-1/2"	LH	E-16838	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16839				
7-13/32"	1	1-1/2"-10	1-1/2"	LH	E-4892	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-4893				
7-21/32"	7	1-1/4"-10	1-1/4"	LH	E-9693	Steer	E-3446	Meritor 15" T	
				RH	E-9694				
7-23/32"	11	1-1/2"-28	1-1/2"	LH	E-9645	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9646				
7-29/32"	11	1-1/2"-10	1-1/2"	LH	E-4707B	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-4706B				

8 - 9 Inch Camshaft Group

8-1/16"	11	1-1/2"-28	1-1/2"	LH	E-9647	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9648				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/4" Spicer, Eaton	TYPE 4 1 1/16" 12 1/4" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 5/16" 15", 16 1/4" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"	

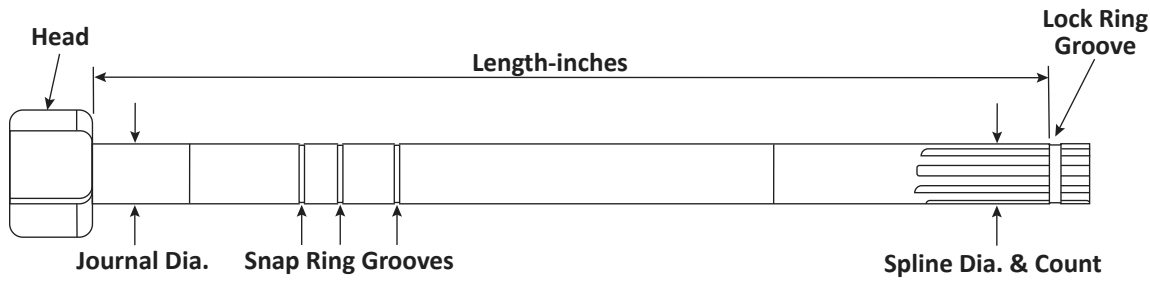
Head End*

Left Hand Camshaft View

Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
8-1/4"	2	1-1/2"-10	1-1/2"	LH	E-16840	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16841				
8-1/4"	2	1-1/2"-28	1-1/2"	LH	E-16850	Trailer	E-17289	IMT 16-1/2" Q+	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16851				
8-11/64"	10	1-1/4"-10	1-1/2"	LH	E-16744	Drive	E-10897	Bendix 16-1/2" Extended Life	Single Groove Journal
				RH	E-16745				
8-13/64"	11	1-1/2"-28	1-1/2"	LH	E-11517	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11516				
8-5/16"	11	1-1/2"-28	1-1/2"	LH	E-11519	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11518				
8-29/64"	8	1-1/2"-28	1-1/2"	LH	E-11520	Steer	E-3993B	Meritor 15" Q+	
				RH	E-11521				
8-15/32"	7	1-1/4"-10	1-1/4"	LH	E-9697	Steer	E-3446	Meritor 15" T	
				RH	E-9698				
8-1/2"	7	1-1/4"-10	1-1/4"	LH	E-9697	Steer	E-3446(T), E-3876(Q)	Meritor 15" Q, T	
				RH	E-9698				
8-1/2"	7	1-1/4"-24	1-1/4"	LH	E-9707	Steer	E-3876	Meritor 15" Q	1-3/4" Head Length
				RH	E-9708				
8-35/64"	8	1-1/2"-10	1-1/2"	LH	E-2479B	Steer	E-3993B	Meritor 16-1/2" Q+	
				RH	E-2478B				
8-9/16"	9	1-1/4"-10	1-1/4"	LH	E-5060	Steer	E-5140	Eaton 15"	
				RH	E-5061				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 1/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

Head End*

Left Hand Camshaft View

Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
8-9/16"	2	1-1/2"-10	1-1/4"	LH	E-16741	Steer	E-10897	Eaton 15" ES	Single Groove Journal
				RH	E-16740				
8-9/16"	1	1-1/2"-10	1-1/2"	LH	E-2800	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-2799				
8-9/16"	11	1-1/2"-28	1-1/2"	LH	E-9649	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9650				
8-37/64"	11	1-1/2"-28	1-5/8"	LH	E-11609	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11608				
8-5/8"	2	1-1/2"-10	1-1/2"	LH	E-5490	Drive	E-10897	Eaton 15" Reduced Envelope, 16-1/2" ES	Also 15" Red. Env., Lock Ring End Dia. - 1-1/8"
				RH	E-5491				
8-41/64"	2	1-1/2"-28	1-1/2"	LH	E-17146	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17147				
8-45/64"	8	1-1/2"-28	1-1/2"	LH	E-11522	Steer	E-3993B	Meritor 15" Q+	
				RH	E-11523				
8-45/64"	11	1-1/2"-28	1-1/2"	LH	E-11525	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11524				
8-45/64"	11	1-1/2"-28	1-5/8"	LH	E-11968	Drive	E-11904	Meritor 15" Q+	
				RH	E-11969				
8-49/64"	5	1-1/2"-28	1-5/8"	LH	E-17267	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17268				
8-7/8"	2	1-1/2"-10	1-1/2"	LH	E-16842	Drive	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16843				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/2"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 5/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

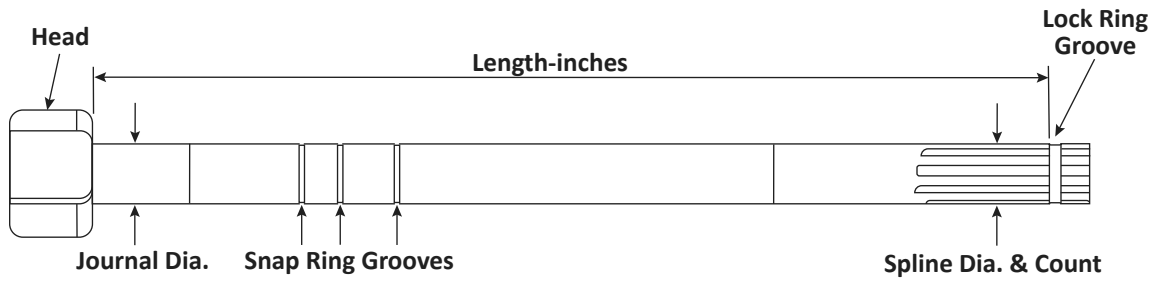
Head End*

Left Hand Camshaft View

Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
8-7/8"	2	1-1/2"-10	1-1/2"	LH	E-16852	Drive	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16853				
9 - 10 Inch Camshaft Group									
9-1/16"	11	1-1/2"-28	1-1/2"	LH	E-9651	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9652				
9-1/16"	11	1-1/2"-10	1-1/2"	LH	E-9687A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9688A				
9-3/16"	9	1-1/4"-10	1-1/4"	LH	E-5131	Steer	E-5140	Eaton 15"	
				RH	E-5132				
9-3/16"	10	1-1/4"-10	1-1/4"	LH	E-9030	Steer	E-5140	Eaton 15" ES	
				RH	E-9031				
9-1/4"	7	1-1/4"-10	1-1/4"	LH	E-9699	Steer	E-3446(T), E-3876(Q)	Meritor 15" Q, T	
				RH	E-9700				
9-1/4"	7	1-1/4"-24	1-1/4"	LH	E-5529	Steer	E-3876	Meritor 15" Q	1-3/4" Head Length
				RH	E-5530				
9-1/4"	2	1-1/2"-10	1-1/2"	LH	E-16828	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal plus Single Slack Groove
				RH	E-16829				
9-1/4"	8	1-1/2"-28	1-1/2"	LH	E-9065	Steer	E-3993B	Meritor 15" Q+	
				RH	E-9066				
9-17/64"	2	1-1/2"-10	1-1/2"	LH	E-17138	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17139				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 1/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

Head End*

Left Hand Camshaft View

Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
9-5/16"	11	1-1/2"-28	1-5/8"	LH	E-11611	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11610				
9-5/16"	11	1-1/2"-28	1-1/2"	LH	E-11961	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11960				
9-21/64"	2	1-1/2"-10	1-1/4"	LH	E-16738	Steer	E-10897	Eaton 15" ES	Single Groove Journal
				RH	E-16739				
9-21/64"	2	1-1/2"-10	1-1/2"	LH	E-17140	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17141				
9-7/16"	11	1-1/2"-28	1-1/2"	LH	E-9653	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9654				
9-29/64"	8	1-1/2"-28	1-1/2"	LH	E-9067A	Steer	E-3993B	Meritor 15" Q+	
				RH	E-9068A				
9-1/2"	2	1-1/2"-10	1-1/2"	LH	E-16830	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal plus Single Slack Groove
				RH	E-16831				
9-1/2"	2	1-1/2"-10	1-1/2"	LH	E-16854	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16855				
9-9/16"	9	1-1/4"-10	1-1/4"	LH	E-5133	Steer	E-5140	Eaton 15"	
				RH	E-5134				
9-9/16"	10	1-1/4"-10	1-1/4"	LH	E-9032	Steer	E-5140	Eaton 15" ES	
				RH	E-9033				
9-9/16"	7	1-1/4"-10	1-1/4"	LH	E-9701	Steer	E-3446(T), E-3876(Q)	Meritor 15" Q, T	
				RH	E-9702				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

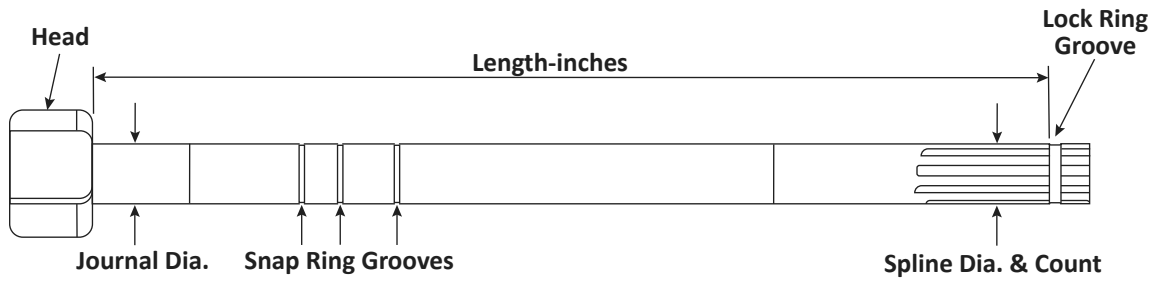
Head End*

Left Hand Camshaft View

Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
9-37/64"	11	1-1/2"-28	1-5/8"	LH	E-11613	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11612				
9-5/8"	2	1-1/2"-10	1-1/2"	LH	E-16832	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal plus Single Slack Groove
				RH	E-16833				
9-45/64"	11	1-1/2"-28	1-1/2"	LH	E-11529	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11528				
9-25/32"	10	1-1/4"-10	1-1/4"	LH	E-9034	Steer	E-5140	Eaton 15" ES	
				RH	E-9035				
9-13/16"	11	1-1/2"-28	1-1/2"	LH	E-11531	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11530				
9-61/64"	2	1-1/2"-10	1-1/2"	LH	E-16844	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal & Gun-Drilled Oil Hole
				RH	E-16845				
9-61/64"	11	1-1/2"-28	1-1/2"	LH	E-11533	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11532				

10 - 11 Inch Camshaft Group

10"	2	1-1/2"-28	1-5/8"	LH	E-17208	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17209				
10-1/64"	2	1-1/2"-28	1-1/2"	LH	E-17148	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17149				
10-3/64"	2	1-1/2"-10	1-1/2"	LH	E-17130	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17131				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
10-3/32"	11	1-1/2"-28	1-1/2"	LH	E-11535	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11534				
10-5/32"	1	1-1/2"-10	1-1/2"	LH	E-9763	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-9764				
10-3/16"	11	1-1/2"-28	1-1/2"	LH	E-5504A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-5505A				
10-13/64"	11	1-1/2"-28	1-1/2"	LH	E-11537	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11536				
10-17/64"	2	1-1/2"-28	1-1/2"	LH	E-17150	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17151				
10-13/32"	11	1-1/2"-28	1-1/2"	LH	E-9655	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9656				
10-1/2"	1	1-1/2"-10	1-1/2"	LH	E-4886	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-4887				
10-33/64"	2	1-1/2"-10	1-1/2"	LH	E-17134	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17135				
10-33/64"	11	1-1/2"-10	1-1/2"	LH	E-2701B	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-2700B				
10-33/64"	8	1-1/2"-28	1-1/2"	LH	E-11538	Steer	E-3993B	Meritor 15" Q+	
				RH	E-11539				
10-9/16"	2	1-1/2"-10	1-1/2"	LH	E-9767	Drive	E-10897	Eaton 15" Reduced Envelope, 16-1/2" ES	
				RH	E-9768				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/2" Spicer, Eaton	TYPE 4 1 1/16" 12 1/4" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 5/16" 15", 16 1/4" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"	

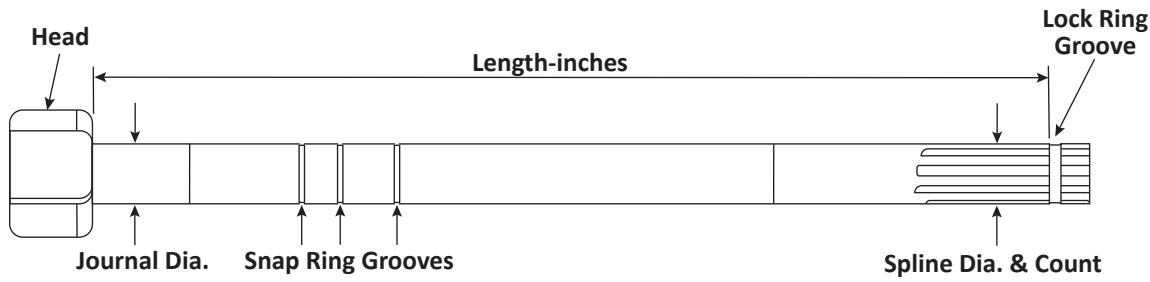
Head End*

Left Hand Camshaft View

Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

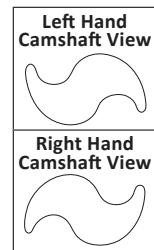
Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
10-19/32"	11	1-1/2"-28	1-1/2"	LH	E-11541	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11540				
10-19/32"	11	1-1/2"-28	1-1/2"	LH	E-11543	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11542				
10-45/64"	11	1-1/2"-28	1-1/2"	LH	E-11545	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11544				
10-3/4"	2	1-1/2"-28	1-5/8"	LH	E-17210	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17211				
10-49/64"	2	1-1/2"-10	1-1/2"	LH	E-17144	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17145				
10-13/16"	11	1-1/2"-28	1-1/2"	LH	E-11547	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11546				
10-29/32"	9	1-1/4"-10	1-1/4"	LH	E-5062	Steer	E-5140	Eaton 15"	
				RH	E-5063				
10-29/32"	10	1-1/4"-10	1-1/2"	LH	E-16746	Drive	E-10897	Eaton 16-1/2" Extended Life	Single Groove Journal
				RH	E-16747				
10-15/16"	2	1-1/2"-10	1-1/2"	LH	E-17293	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Single Groove Journal
				RH	E-17294				
10-15/16"	11	1-1/2"-28	1-1/2"	LH	E-9657	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9658				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 $1\frac{3}{8}"$ 16 1/2" Standard	TYPE 2 $1\frac{1}{8}"$ 16 1/2" "Extended Life"	TYPE 3 $1\frac{3}{16}"$ 12 1/4" Spicer, Eaton	TYPE 4 $1\frac{1}{16}"$ 12 1/4" Fruehauf	TYPE 5 $1\frac{1}{16}"$ 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 $1\frac{5}{16}"$ 15", 16 1/4" Meritor "Flat Head"
TYPE 7 $1\frac{3}{16}"$ 15" Meritor "New S"	TYPE 8 $1"$ 15" Meritor "Q-Plus"	TYPE 9 $1\frac{1}{4}"$ 15" Eaton	TYPE 10 $1"$ 15" Eaton "ES"	TYPE 11 $1\frac{3}{16}"$ 16 1/2" Meritor "Q-Plus"	

Head End*



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- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
11 - 12 Inch Camshaft Group									
11-1/32"	2	1-1/2"-10	1-1/2"	LH	E-11864	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	
				RH	E-11865				
11-1/32"	2	1-1/2"-28	1-1/2"	LH	E-11866	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	
				RH	E-11867				
11-1/32"	1	1-1/2"-28	1-1/2"	LH	E-10899	Trailer	E-9791HD	Hendrickson 16-1/2" Intraax	
				RH	E-10900				
11-1/8"	1	1-1/2"-10	1-1/2"	LH	E-9765	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-9766				
11-1/8"	11	1-1/2"-10	1-1/2"	LH	E-1774C	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-1773C				
11-1/8"	11	1-1/2"-28	1-1/2"	LH	E-9659	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9660				
11-13/64"	2	1-1/2"-10	1-1/4"	LH	E-16734	Steer	E-10897	Eaton 15" ES	Single Groove Journal
				RH	E-16735				
11-13/64"	11	1-1/2"-28	1-5/8"	LH	E-11619	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11618				
11-3/8"	8	1-1/2"-28	1-1/2"	LH	E-11548	Steer	E-3993B	Meritor 15" Q+	
				RH	E-11549				
11-1/2"	2	1-1/2"-10	1-1/2"	LH	E-5492	Drive	E-10897	Eaton 15" Reduced Envelope, 16-1/2" ES	Lock Ring End Dia. - 1-1/8"
				RH	E-5493				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 7/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 5/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>

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Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
11-1/2"	1	1-1/2"-10	1-1/2"	LH	E-1776	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-1775				
11-33/64"	11	1-1/2"-10	1-1/2"	LH	E-1148C	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-1147C				
11-33/64"	2	1-1/2"-28	1-1/2"	LH	E-17152	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17153				
11-33/64"	5	1-1/2"-28	1-5/8"	LH	E-17273	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17274				
11-9/16"	11	1-1/2"-28	1-1/2"	LH	E-9661	Drive	E-9080	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9662				
11-9/16"	2	1-1/2"-28	1-5/8"	LH	E-17206	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17207				
11-37/64"	2	1-1/2"-10	1-1/2"	LH	E-17132	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17133				
11-19/32"	8	1-1/2"-28	1-1/2"	LH	E-11550	Steer	E-3993B	Meritor 15" Q+	
				RH	E-11551				
11-11/16"	11	1-1/2"-10	1-1/2"	LH	E-4703B	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-4702B				
11-11/16"	11	1-1/2"-28	1-1/2"	LH	E-9663	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9664				
11-45/64"	11	1-1/2"-28	1-5/8"	LH	E-11623	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11622				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 1/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

Head End*

Left Hand Camshaft View



Right Hand Camshaft View



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- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

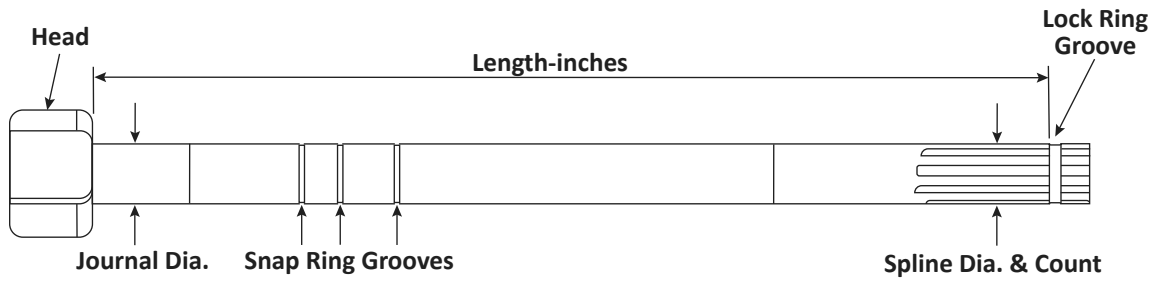
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
11-13/16"	11	1-1/2"-28	1-1/2"	LH	E-11553	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11552				
11-15/16"	11	1-1/2"-28	1-1/2"	LH	E-9665	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9666				
11-61/64"	11	1-1/2"-28	1-5/8"	LH	E-11625	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11624				
12 - 13 Inch Camshaft Group									
12-1/64"	2	1-1/2"-10	1-1/2"	LH	E-17136	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17137				
12-1/64"	2	1-1/2"-28	1-1/2"	LH	E-17154	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17155				
12-1/16"	1	1-1/2"-10	1-1/2"	LH	E-2715A	Drive	E-2086B (P), E-3993B (Q)	Meritor 16-1/2" P and Q	Lock Ring End Dia. - 1-1/2"
				RH	E-2714A				
12-13/64"	11	1-1/2"-28	1-1/2"	LH	E-11555	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11554				
12-5/16"	11	1-1/2"-28	1-1/2"	LH	E-11556	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11557				
12-7/16"	1	1-1/2"-10	1-1/2"	LH	E-2787	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-2786				
12-7/16"	11	1-1/2"-28	1-1/2"	LH	E-9667	Drive	E-3993B	Meritor 16-1/2" Q+	E-5094A (Mack App.)
				RH	E-9668				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

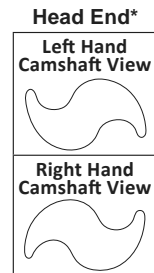
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
12-29/64"	11	1-1/2"-28	1-1/2"	LH	E-11559	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11558				
12-15/32"	11	1-1/2"-10	1-1/2"	LH	E-4709B	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-4708B				
12-1/2"	2	1-1/2"-10	1-1/2"	LH	E-9769	Drive	E-10897	Eaton 15" Reduced Envelope, 16-1/2" ES	
				RH	E-9770				
12-13/16"	11	1-1/2"-28	1-1/2"	LH	E-11563	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11562				
12-15/16"	1	1-1/2"-10	1-1/2"	LH	E-4888	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-4889				
12-15/16"	11	1-1/2"-28	1-1/2"	LH	E-9669	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9670				
12-61/64"	11	1-1/2"-28	1-5/8"	LH	E-11627	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11626				

13 - 14 Inch Camshaft Group

13-1/64"	2	1-1/2"-10	1-1/4"	LH	E-16732	Steer	E-10897	Eaton 15" ES	Single Groove Journal
				RH	E-16733				
13-3/32"	11	1-1/2"-28	1-1/2"	LH	E-11565	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11564				
13-13/64"	11	1-1/2"-28	1-5/8"	LH	E-11629	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11628				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/4" Spicer, Eaton	TYPE 4 1 1/16" 12 1/4" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 5/16" 15", 16 1/4" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"	



Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
13-7/32"	11	1-1/2"-28	1-1/2"	LH	E-9671	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9672				
13-5/16"	8	1-1/2"-28	1-1/2"	LH	E-11566	Steer	E-3993B	Meritor 15" Q+	
				RH	E-11567				
13-7/16"	1	1-1/2"-10	1-1/2"	LH	E-4740	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-4741				
13-7/16"	11	1-1/2"-28	1-1/2"	LH	E-9673A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9674A				
13-29/64"	11	1-1/2"-28	1-5/8"	LH	E-11631	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11630				
13-15/32"	2	1-1/2"-10	1-1/2"	LH	E-10911	Drive	E-10897	Eaton 16-1/2" ES	Lock Ring End Dia. - 1-1/8"
				RH	E-10912				
13-17/64"	10	1-1/4"-10	1-1/2"	LH	E-16742	Drive	E-10897	Bendix 16-1/2" Extended Life	Single Groove Journal
				RH	E-16743				
13-31/64"	2	1-1/2"-10	1-1/2"	LH	E-17142	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17143				
13-33/64"	2	1-1/2"-28	1-1/2"	LH	E-17156	Drive	E-11910	Bendix 16-1/2" Extended Life	Only Snap Ring Groove at end of part
				RH	E-17157				
13-19/32"	11	1-1/2"-28	1-1/2"	LH	E-11569	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11568				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 5/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

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Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
13-21/32"	11	1-1/2"-10	1-1/2"	LH	E-9689A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9690A				
13-45/64"	11	1-1/2"-28	1-1/2"	LH	E-4910A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-4911A				
13-13/16"	11	1-1/2"-28	1-1/2"	LH	E-11571	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11570				

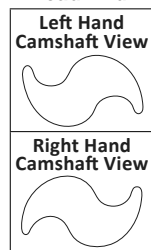
14 - 15 Inch Camshaft Group

14-3/32"	11	1-1/2"-28	1-1/2"	LH	E-9675	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9676				
14-1/4"	1	1-1/2"-10	1-1/2"	LH	E-3523	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-3524				
14-5/16"	2	1-1/2"-10	1-1/2"	LH	E-9771	Drive	E-10897	Eaton 15" Reduced Envelope, 16-1/2" ES	
				RH	E-9772				
14-5/16"	11	1-1/2"-28	1-1/2"	LH	E-11573	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11572				
14-37/64"	11	1-1/2"-28	1-5/8"	LH	E-11633	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11632				
14-19/32"	11	1-1/2"-28	1-1/2"	LH	E-9677	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9678				
14-45/64"	11	1-1/2"-28	1-1/2"	LH	E-11575	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11574				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/4" Spicer, Eaton	TYPE 4 1 1/16" 12 1/4" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 3/16" 15", 16 1/2" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"	

Head End*



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- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
14-3/4"	11	1-1/2"-28	1-1/2"	LH	E-9679	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9680				
14-7/8"	11	1-1/2"-10	1-1/2"	LH	E-9691A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9692A				
14-61/64"	11	1-1/2"-28	1-1/2"	LH	E-11577	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11576				
15 - 16 Inch Camshaft Group									
15"	1	1-1/2"-10	1-1/2"	LH	E-9055	Drive	E-2125	Eaton 16-1/2"	Lock Ring End Dia. - 1-1/8"
				RH	E-9056				
15-3/32"	11	1-1/2"-28	1-1/2"	LH	E-11579	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11578				
15-3/32"	11	1-1/2"-28	1-1/2"	LH	E-11581	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11580				
15-1/8"	2	1-1/2"-10	1-1/2"	LH	E-10913	Drive	E-10897	Eaton 16-1/2" ES	Lock Ring End Dia. - 1-1/8"
				RH	E-10914				
15-3/16"	11	1-1/2"-28	1-1/2"	LH	E-9681	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9682				
15-1/4"	2	1-1/2"-10	1-1/2"	LH	E-10915	Drive	E-10897	Eaton 16-1/2" ES	Lock Ring End Dia. - 1-1/8"
				RH	E-10916				
15-5/16"	11	1-1/2"-28	1-1/2"	LH	E-11583	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11582				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 5/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

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Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
15-3/8"	2	1-1/2"-28	1-5/8"	LH	E-17212	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17213				
15-35/64"	2	1-1/2"-10	1-1/4"	LH	E-16736	Steer	E-10897	Eaton 15" ES	Single Groove Journal
				RH	E-16737				
15-19/32"	11	1-1/2"-28	1-1/2"	LH	E-10306A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-10307A				
15-5/8"	11	1-1/2"-10	1-1/2"	LH	E-4711B	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-4710B				
15-45/64"	11	1-1/2"-28	1-5/8"	LH	E-11639	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11638				
15-23/32"	11	1-1/2"-28	1-1/2"	LH	E-9683	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-9684				
15-13/16"	11	1-1/2"-28	1-5/8"	LH	E-11641	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11640				
15-13/16"	11	1-1/2"-28	1-1/2"	LH	E-11585	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11584				
15-61/64"	11	1-1/2"-28	1-1/2"	LH	E-11587	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11586				

16 - 17 Inch Camshaft Group

16-3/32"	11	1-1/2"-28	1-1/2"	LH	E-11589	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11588				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/4" Spicer, Eaton	TYPE 4 1 1/16" 12 1/4" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 5/8" 15", 16 1/4" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"	

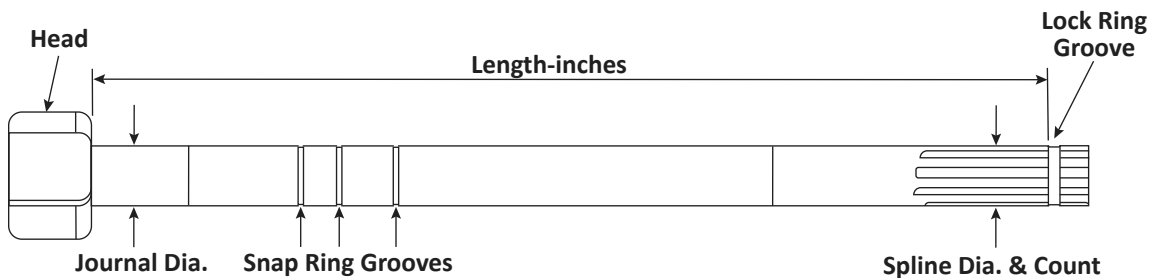
Head End*

Left Hand Camshaft View

Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

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- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count:** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

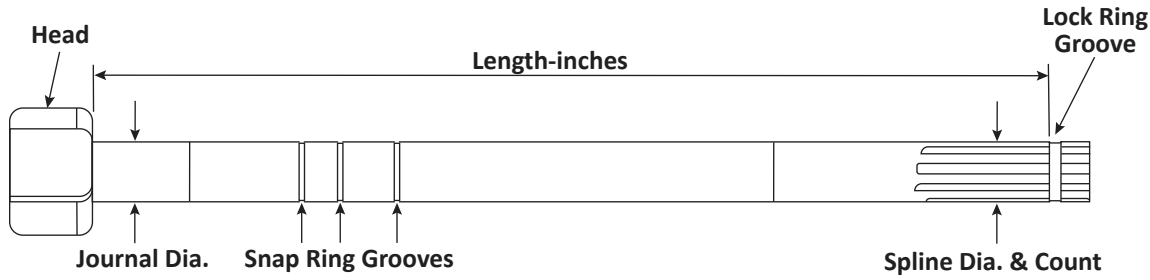
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
16-1/8"	5	1-1/2"-10	1-1/2"	LH	E-9263	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9264				
16-1/8"	1	1-1/2"-28	1-5/8"	LH	E-9761	Trailer	E-2090 (Late Model), E-2122 (Early Model)	Fruehauf 16-1/2"	
				RH	E-9762				
16-1/8"	1	1-5/8"-37	1-5/8"	LH	E-1563	Trailer	E-2090 (Late Model), E-2122 (Early Model)	Fruehauf 16-1/2"	
				RH	E-1564				
16-9/64"	5	1-1/2"-28	1-5/8"	LH	E-17246	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17247				
16-3/8"	4	1-1/2"-28	1-1/2"	LH	E-10917	Trailer	E-2469 (Nylon Bushing)	Dexter 12-1/4"	Single Groove Journal
				RH	E-10918				
16-29/64"	11	1-1/2"-28	1-1/2"	LH	E-11591	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11590				
16-1/2"	1	1-1/2"-10	1-1/2"	LH	E-687	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-686				
16-19/32"	11	1-1/2"-28	1-1/2"	LH	E-11593	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11592				
16-13/16"	11	1-1/2"-28	1-1/2"	LH	E-11595	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11594				
16-61/64"	11	1-1/2"-28	1-1/2"	LH	E-11597	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11596				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 5/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
17 - 18 Inch Camshaft Group									
17-3/64"	2	1-1/2"-28	1-5/8"	LH	E-17214	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17215				
17-3/16"	2	1-1/2"-28	1-1/2"	LH	E-9096	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9097				
17-5/16"	11	1-1/2"-10	1-5/8"	LH	E-2447A	Trailer	E-3520A, E-3520AHD	Meritor 16-1/2" Q+	
				RH	E-2448A				
17-5/16"	11	1-1/2"-28	1-5/8"	LH	E-2441B	Trailer	E-3520A, E-3520AHD	Meritor 16-1/2" P, Q, Q+	
				RH	E-2442B				
17-5/16"	11	1-1/2"-28	1-5/8"	LH	E-5506	Trailer	E-9078HD (Press-In Bushing), E-9079HD (Bolt-On Bushing)	Meritor 16-1/2" Q+	
				RH	E-5507				
17-5/16"	11	1-1/2"-28	1-31/32"	LH	E14822	Trailer	E-3520AHD; E-3989AHD; E-9078HD; E-9079HD	Meritor Q+ 16-1/2"	Double snap ring groove under head 1-31/32", 1-63/64"
				RH	E14823				
17-3/8"	1	1-1/2"-10	1-1/2"	LH	E-2795	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-2794				
17-3/8"	1	1-1/2"-28	1-1/2"	LH	E-9725	Trailer	E-2287	Spicer 16-1/2"	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9726				
17-25/64"	5	1-1/2"-28	1-5/8"	LH	E-17244	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17245				
17-7/16"	2	1-1/2"-28	1-1/2"	LH	E-5522	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-5523				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/2" Spicer, Eaton	TYPE 4 1 1/16" 12 1/2" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 1/16" 15", 16 1/4" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 1/16" 16 1/2" Meritor "Q-Plus"	

Head End*

Left Hand Camshaft View

Right Hand Camshaft View

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- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

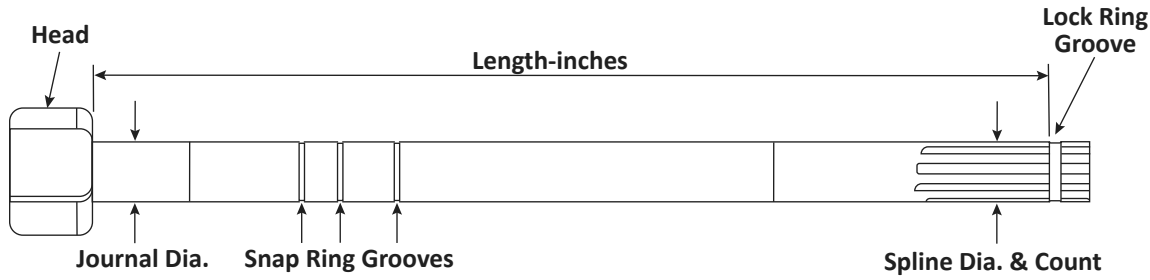
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
17-7/16"	2	1-1/2"-28	1-5/8"	LH	E-9731	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	Single Groove Journal - 2-7/32"
				RH	E-9732				
17-29/64"	11	1-1/2"-28	1-1/2"	LH	E-11599	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11598				
17-23/32"	11	1-1/2"-10	1-1/2"	LH	E-4715A	Drive	E-3993B	Meritor 16-1/2" Q+	See E-4714 & E-4715 for Trailer Cams
				RH	E-4714A				
17-61/64"	11	1-1/2"-28	1-1/2"	LH	E-11601	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11600				
18 - 19 Inch Camshaft Group									
18-3/8"	11	1-1/2"-10	1-1/2"	LH	E-689A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-688A				
18-3/8"	1	1-1/2"-10	1-1/2"	LH	E-689	Trailer	See Camshaft pages	Multi-App 16-1/2" Q	Single Groove Journal
				RH	E-688				
18-29/64"	11	1-1/2"-28	1-1/2"	LH	E-11603	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11602				
18-29/64"	11	1-1/2"-28	1-5/8"	LH	E-11643	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11642				
18-19/32"	11	1-1/2"-28	1-1/2"	LH	E-11605	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-11604				
18-5/8"	11	1-1/2"-10	1-1/2"	LH	E-2413A	Drive	E-3993B	Meritor 16-1/2" Q+	
				RH	E-2412A				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
18-5/8"	1	1-1/2"-10	1-1/2"	LH	E-2413	Trailer	See Camshaft pages	Multi-App 16-1/2" Q	Single Groove Journal
				RH	E-2412				
18-7/8"	5	1-1/2"-10	1-1/2"	LH	E-9265	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9266				
18-7/8"	3	1-1/2"-10	1-1/2"	LH	E-9743	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	Standard Head
				RH	E-9744				
19 - 20 Inch Camshaft Group									
19-1/2"	2	1-1/2"-10	1-1/2"	LH	E-9739	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9740				
19-1/2"	1	1-1/2"-10	1-5/8"	LH	E-2693	Trailer	E-2696A	Eaton 16-1/2"	Trailer Axle
				RH	E-2694				
19-1/2"	2	1-1/2"-10	1-5/8"	LH	E-5494	Trailer	E-2696A	Eaton 16-1/2" ES	
				RH	E-5495				
19-1/2"	2	1-1/2"-28	1-5/8"	LH	E-9057	Trailer	E-2696A	Eaton 16-1/2" ES	
				RH	E-9058				
20 - 21 Inch Camshaft Group									
20-3/64"	2	1-1/2"-28	1-5/8"	LH	E-17216	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17217				
20-13/64"	11	1-1/2"-28	1-31/32"	LH	E14824	Trailer	E-3520AHD; E-3989AHD; E-9078HD; E-9079HD	Meritor Q+ 16-1/2"	Double snap ring groove under head 1-45/64", 1-63/64"
				RH	E14825				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 5/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 5/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 1/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

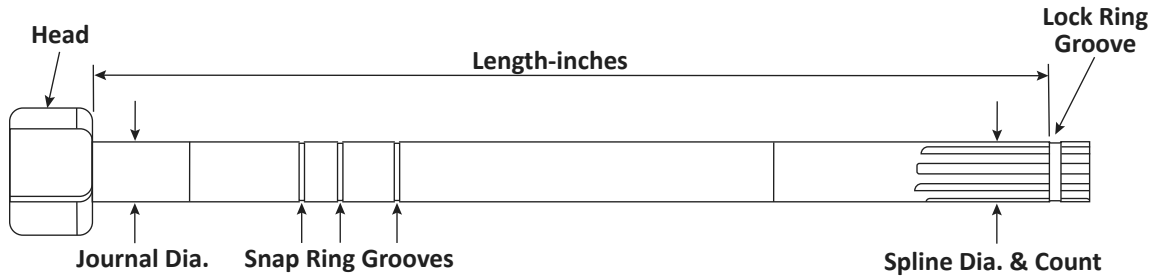
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
20-7/32"	1	1-1/2"-28	1-5/8"	LH	E-4723	Trailer	E-2696A	Eaton 16-1/2"	
				RH	E-4722				
20-5/16"	3	1-1/2"-10	1-1/2"	LH	E-1394	Trailer	E-2494	Eaton 12-1/4"	
				RH	E-1393				
20-5/16"	4	1-1/2"-28	1-1/2"	LH	E-10919	Trailer	E-2469	Dexter 12-1/4"	Single Groove Journal
				RH	E-10920				
20-3/8"	1	1-1/2"-10	1-1/2"	LH	E-2107	Trailer	See Camshaft pages	Multi-App 16-1/2"	Double Groove Journal
				RH	E-2108				
20-3/8"	1	1-1/2"-10	1-1/2"	LH	E-557	Trailer	See Camshaft pages	Multi-App 16-1/2"	Double Groove Journal, Full Length Heat Treat
				RH	E-556				
20-3/8"	2	1-1/2"-10	1-1/2"	LH	E-5518	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-5519				
20-3/8"	2	1-1/2"-10	1-5/8"	LH	E-17218	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17219				
20-3/8"	1	1-1/2"-28	1-1/2"	LH	E-3854	Trailer	E-2287	Spicer 16-1/2"	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-3855				
20-3/8"	5	1-1/2"-28	1-5/8"	LH	E-3516	Trailer	E-3520AHD, E-3989AHD	Meritor 12-1/4" P and Q	
				RH	E-3517				
20-25/64"	5	1-1/2"-28	1-5/8"	LH	E-17269	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Triple Groove Journal
				RH	E-17270				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

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*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
20-25/64"	5	1-1/2"-28	1-5/8"	LH	E-17248	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17249				
20-25/64"	5	1-1/2"-28	1-5/8"	LH	E-17263	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Triple Groove Journal
				RH	E-17264				
20-13/32"	11	1-1/2"-10	1-5/8"	LH	E-2449A	Trailer	See Camshaft pages	Meritor 16-1/2" Q+	
				RH	E-2450A				
20-13/32"	11	1-1/2"-28	1-5/8"	LH	E-2443B	Trailer	See Camshaft pages	Meritor 16-1/2" P, Q, Q+	
				RH	E-2444B				
20-13/32"	11	1-1/2"-28	1-5/8"	LH	E-5508	Trailer	E-9078HD (Press-In Bushing), E-9079HD (Bolt-On Bushing)	Meritor 16-1/2" Q+	
				RH	E-5509				
20-7/16"	11	1-1/2"-10	1-1/2"	LH	E-1425A	Trailer	See Camshaft pages	Meritor 16-1/2" Q+	
				RH	E-1424A				
20-7/16"	2	1-1/2"-28	1-1/2"	LH	E-5524	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-5525				
20-7/16"	2	1-1/2"-28	1-5/8"	LH	E-9733	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	Single Groove Journal
				RH	E-9734				
20-1/2"	5	1-1/2"-10	1-1/2"	LH	E-9267	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9268				
20-9/16"	5	1-1/2"-28	1-5/8"	LH	E-10901	Trailer	E-9790A	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-10902				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 5/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

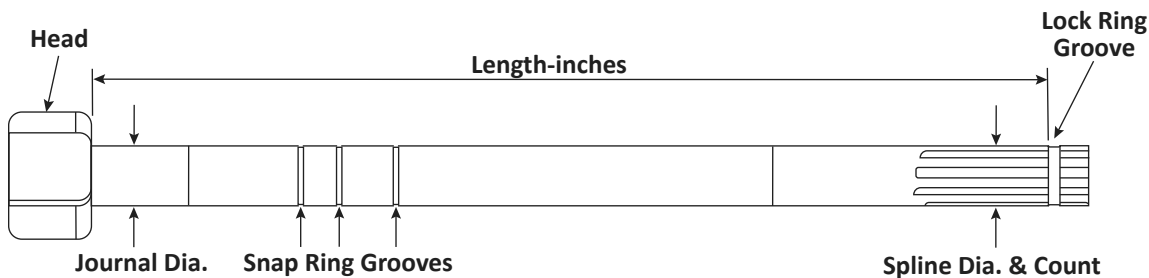
Head End*

Left Hand Camshaft View

Right Hand Camshaft View

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*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

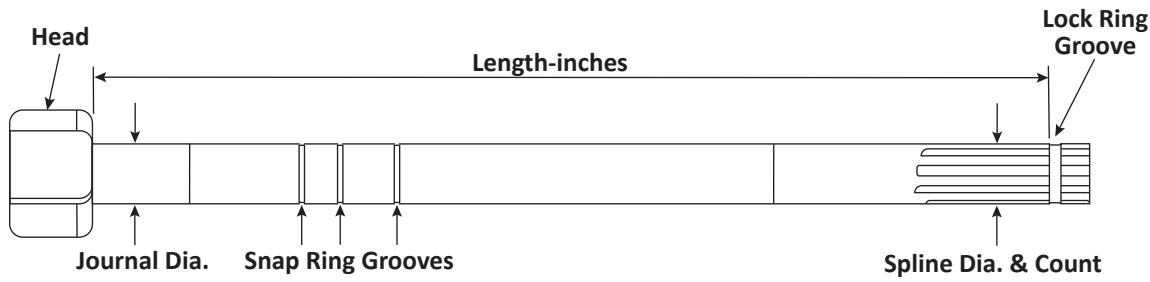
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
20-61/64"	11	1-1/2"-28	1-5/8"	LH	E-11645	Drive	E-11904	Meritor 16-1/2" Q+	
				RH	E-11644				
21 - 22 Inch Camshaft Group									
21-3/32"	1	1-1/2"-10	1-1/2"	LH	E-685	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-684				
21-1/8"	3	1-1/2"-10	1-1/2"	LH	E-1411	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	Standard Head
				RH	E-1410				
21-1/8"	4	1-1/2"-28	1-5/8"	LH	E-10921	Trailer	E-2469	Dexter 12-1/4"	Single Groove Journal
				RH	E-10922				
21-1/8"	1	1-5/8"-37	1-5/8"	LH	E-2099	Trailer	E-2090 (Late Model), E-2122 (Early Model)	Fruehauf 16-1/2"	
				RH	E-2100				
21-3/16"	4	1-5/8"-37	1-5/8"	LH	E-4890	Trailer	E-2090 (Late Model)	Fruehauf 12-1/4"	E-2122 Kit (Early Model)
				RH	E-4891				
21-1/4"	5	1-1/2"-10	1-1/2"	LH	E-9269	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9270				
21-1/4"	2	1-1/2"-28	1-5/8"	LH	E-17158	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17159				
21-17/64"	5	1-1/2"-28	1-5/8"	LH	E-17277	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17278				
21-17/64"	5	1-1/2"-28	1-5/8"	LH	E-17250	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17251				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

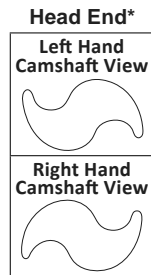
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
21-5/16"	5	1-1/2"-28	1-1/2"	LH	E-9755	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9756				
21-5/16"	5	1-1/2"-28	1-5/8"	LH	E-10903	Trailer	E-9790A	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-10904				
21-3/8"	2	1-1/2"-28	1-5/8"	LH	E-17160	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17161				

22 - 23 Inch Camshaft Group

22-1/16"	1	1-1/2"-10	1-1/2"	LH	E-691	Trailer	See Camshaft pages	Multi-App 16-1/2"	Double Groove Journal
				RH	E-690				
22-1/16"	5	1-1/2"-28	1-5/8"	LH	E-9757	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9758				
22-11/64"	5	1-1/2"-28	1-5/8"	LH	E-17252	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17253				
22-5/16"	3	1-1/2"-10	1-1/2"	LH	E-2493	Trailer	E-2494	Eaton 12-1/4"	
				RH	E-2492				
22-5/16"	4	1-1/2"-28	1-1/2"	LH	E-10923	Trailer	E-2469	Dexter 12-1/4"	Single Groove Journal
				RH	E-10924				
22-3/8"	1	1-1/2"-10	1-1/2"	LH	E-9089	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-9090				
22-3/8"	2	1-1/2"-10	1-5/8"	LH	E-17220	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17221				

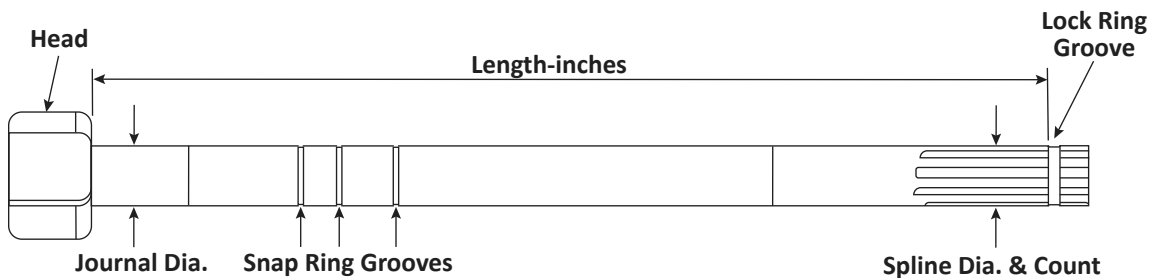
Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/4" Spicer, Eaton	TYPE 4 1 1/16" 12 1/4" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 5/16" 15", 16 1/4" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"	



Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
22-3/8"	2	1-1/2"-28	1-5/8"	LH	E-17162	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17163				
22-25/64"	5	1-1/2"-28	1-5/8"	LH	E-17271	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Triple Groove Journal
				RH	E-17272				
22-9/16"	2	1-1/2"-10	1-5/8"	LH	E-17222	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17223				
22-5/8"	2	1-1/2"-28	1-5/8"	LH	E-11856	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	
				RH	E-11857				
22-7/8"	1	1-1/2"-10	1-1/2"	LH	E-4884	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-4885				
22-7/8"	2	1-1/2"-10	1-1/2"	LH	E-6101	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-6102				
22-7/8"	1	1-1/2"-28	1-1/2"	LH	E-6884	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-6885				
22-7/8"	2	1-1/2"-28	1-5/8"	LH	E-11858	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	
				RH	E-11859				
22-15/16"	2	1-1/2"-28	1-1/2"	LH	E-9098	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9099				

23 - 24 Inch Camshaft Group

23-3/32"	2	1-1/2"-28	1-5/8"	LH	E-17168	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17169				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard	TYPE 2 1 1/8" 16 1/2" "Extended Life"	TYPE 3 1 3/16" 12 1/4" Spicer, Eaton	TYPE 4 1 1/16" 12 1/4" Fruehauf	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise"	TYPE 6 1 1/16" 15", 16 1/2" Meritor "Flat Head"	Head End* Left Hand Camshaft View Right Hand Camshaft View
TYPE 7 1 3/16" 15" Meritor "New S"	TYPE 8 1" 15" Meritor "Q-Plus"	TYPE 9 1 1/4" 15" Eaton	TYPE 10 1" 15" Eaton "ES"	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus"		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
23-1/8"	5	1-1/2"-10	1-1/2"	LH	E-9273	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9274				
23-1/8"	2	1-1/2"-28	1-5/8"	LH	E-17164	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17165				
23-9/64"	5	1-1/2"-10	1-5/8"	LH	E-17279	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17280				
23-9/64"	5	1-1/2"-28	1-5/8"	LH	E-17254	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17255				
23-3/16"	5	1-1/2"-28	1-1/2"	LH	E-9759	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9760				
23-3/16"	5	1-1/2"-28	1-5/8"	LH	E-10905	Trailer	E-9790A	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-10906				
23-7/32"	5	1-1/2"-28	1-5/8"	LH	E-9087	Trailer	E-3520AHD, E-3989AHD	Meritor 12-1/4" P and Q	
				RH	E-9088				
23-1/4"	3	1-1/2"-10	1-1/2"	LH	E-1423	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	Standard Head
				RH	E-1422				
23-1/4"	2	1-1/2"-28	1-5/8"	LH	E-17166	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17167				
23-3/8"	4	1-1/2"-28	1-1/2"	LH	E-10925	Trailer	E-2469	Dexter 12-1/4"	Single Groove Journal
				RH	E-10926				
23-3/8"	8	1-1/2"-28	1-5/8"	LH	E-11958	Trailer		Meritor 15" Q+	
				RH	E-11959				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 1/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

Head End*

Left Hand Camshaft View



Right Hand Camshaft View



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- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

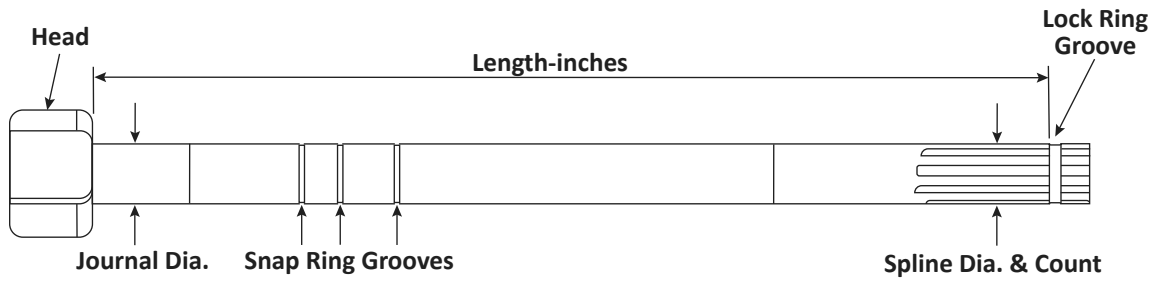
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
23-7/16"	1	1-1/2"-10	1-1/2"	LH	E-1095	Trailer	See Camshaft pages	Multi-App 16-1/2"	Double Groove Journal
				RH	E-1094				
23-7/16"	1	1-1/2"-28	1-1/2"	LH	E-3856	Trailer	E-2287	Spicer 16-1/2"	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-3857				
23-1/2"	5	1-1/2"-10	1-5/8"	LH	E-9275	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9276				
23-1/2"	2	1-1/2"-10	1-1/2"	LH	E-5520	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-5521				
23-33/64"	5	1-1/2"-10	1-5/8"	LH	E-17281	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17282				
23-33/64"	5	1-1/2"-10	1-5/8"	LH	E-17285	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Triple Groove Journal
				RH	E-17286				
23-33/64"	5	1-1/2"-28	1-5/8"	LH	E-17256	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17257				
23-9/16"	2	1-1/2"-28	1-1/2"	LH	E-5526	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-5527				
23-9/16"	2	1-1/2"-28	1-5/8"	LH	E-9735	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	Single Groove Journal - 2-7/32"
				RH	E-9736				
23-3/4"	1	1-1/2"-10	1-5/8"	LH	E-4721	Trailer	E-2696A	Eaton 16-1/2"	Trailer Axle
				RH	E-4720				
23-3/4"	2	1-1/2"-10	1-5/8"	LH	E-5496	Trailer	E-2696A	Eaton 16-1/2" ES	Trailer Axle
				RH	E-5497				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

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Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
23-3/4"	2	1-1/2"-10	1-5/8"	LH	E-17224	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17225				
23-3/4"	2	1-1/2"-28	1-5/8"	LH	E-9059	Trailer	E-2696A	Eaton 16-1/2" ES	Trailer Axle
				RH	E-9060				
23-3/4"	5	1-1/2"-28	1-5/8"	LH	E-17260	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Single Groove Journal
				RH	E-17295				
23-7/8"	3	1-1/2"-10	1-1/2"	LH	E-1421	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	Standard Head
				RH	E-1420				
23-7/8"	1	1-5/8"-37	1-5/8"	LH	E-3861	Trailer	E-2090 (Late Model)	Fruehauf 16-1/2"	E-2122 Kit (Early Model)
				RH	E-3862				
23-15/16"	5	1-1/2"-28	1-5/8"	LH	E-10907	Trailer	E-9790A	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-10908				

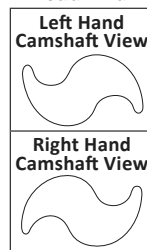
24 - 25 Inch Camshaft Group

24"	1	1-1/2"-10	1-1/2"	LH	E-4717	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-4716				
24"	2	1-1/2"-10	1-1/2"	LH	E-9727	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9728				
24-1/16"	11	1-1/2"-10	1-5/8"	LH	E-2451A	Trailer	See Camshaft pages	Meritor 16-1/2" Q+	
				RH	E-2452A				
24-1/16"	2	1-1/2"-28	1-1/2"	LH	E-9100	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9101				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/4" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/4" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/4" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/4" Meritor "Flat Head"</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>	

Head End*



Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
24-1/16"	11	1-1/2"-28	1-5/8"	LH	E-5510	Trailer	E-9078HD (Press-In Bushing), E-9079HD (Bolt-On Bushing)	Meritor 16-1/2" Q+	
				RH	E-5511				
24-1/16"	11	1-1/2"-28	1-5/8"	LH	E-2445B	Trailer	See Camshaft pages	Meritor 16-1/2" P, Q, Q+	
				RH	E-2446B				
24-1/16"	11	1-1/2"-28	1-31/32"	LH	E14820	Trailer	E-3520AHD; E-3989AHD; E-9078HD; E-9079HD	Meritor Q+ 16-1/2"	Double snap ring groove under head 1-45/64", 1-63/64"
				RH	E14821				
24-1/8"	2	1-1/2"-28	1-5/8"	LH	E-10909	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	Single Groove Journal 2-7/32"
				RH	E-10910				
24-3/8"	1	1-1/2"-10	1-1/2"	LH	E-2797	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-2796				
24-3/8"	2	1-1/2"-10	1-1/2"	LH	E-6103	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-6104				
24-5/8"	3	1-1/2"-10	1-1/2"	LH	E-2793	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	Standard Head
				RH	E-2792				
24-5/8"	4	1-1/2"-28	1-1/2"	LH	E-10927	Trailer	E-2469	Dexter 12-1/4"	Single Groove Journal
				RH	E-10928				

25 - 26 Inch Camshaft Group

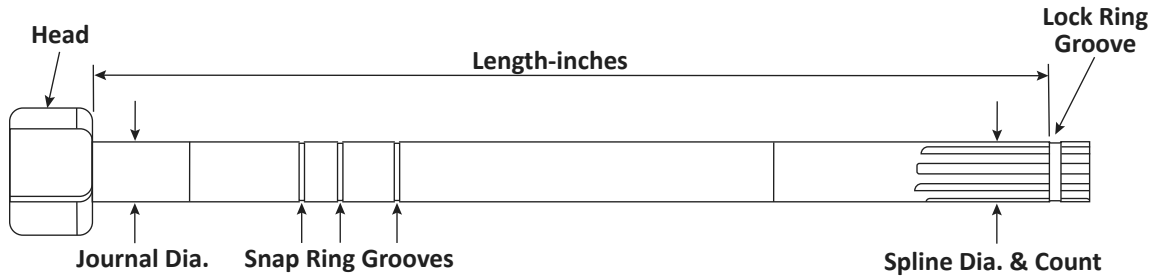
25-1/4"	2	1-1/2"-28	1-5/8"	LH	E-17172	Trailer	E-11450HD; E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17173				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/2"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 5/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

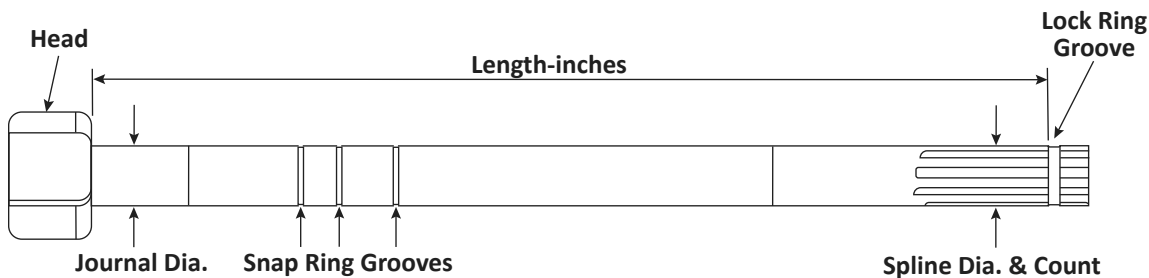
LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
25-5/8"	2	1-1/2"-28	1-5/8"	LH	E-17170	Trailer	E-11450HD; E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17171				
25-3/4"	1	1-1/2"-10	1-1/2"	LH	E-4719	Trailer	See Camshaft pages	Multi-App 16-1/2"	Single Groove Journal
				RH	E-4718				
25-3/4"	2	1-1/2"-28	1-5/8"	LH	E-17176	Trailer	E-11450HD; E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17177				
25-13/16"	5	1-1/2"-28	1-5/8"	LH	E-17258	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17259				
26 - 27 Inch Camshaft Group									
26-1/32"	2	1-1/2"-28	1-5/8"	LH	E-17178	Trailer	E-11450HD; E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17179				
26-1/4"	5	1-1/2"-10	1-1/2"	LH	E-9279	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	0794L/R Head "FAST-RISE"
				RH	E-9280				
26-1/4"	1	1-1/2"-10	1-1/2"	LH	E-7217	Trailer	E-2287	Spicer 16-1/2"	Single Groove Journal - 2-7/32"
				RH	E-7218				
26-1/4"	2	1-1/2"-10	1-1/2"	LH	E-9741	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9742				
26-1/4"	2	1-1/2"-10	1-5/8"	LH	E-17226	Trailer	E-11450HD; E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17227				
26-1/4"	2	1-1/2"-28	1-5/8"	LH	E-11860	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	
				RH	E-11861				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
26-17/64"	5	1-1/2"-10	1-5/8"	LH	E-17283	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17284				
26-17/64"	5	1-1/2"-28	1-5/8"	LH	E-17228	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17229				
26-17/64"	5	1-1/2"-28	1-5/8"	LH	E-17275	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Triple Groove Journal
				RH	E-17276				
26-17/64"	5	1-1/2"-28	1-5/8"	LH	E-17265	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Triple Groove Journal
				RH	E-17266				
26-1/2"	1	1-1/2"-10	1-1/2"	LH	E-7219	Trailer	E-2287	Spicer 16-1/2"	Single Groove Journal - 2-7/32"
				RH	E-7220				
26-1/2"	3	1-1/2"-10	1-1/2"	LH	E-9747	Trailer	E-2469 (Nylon Bushing)	Spicer 12-1/4"	Standard Head
				RH	E-9748				
26-1/2"	4	1-1/2"-28	1-1/2"	LH	E-10929	Trailer	E-2469	Dexter 12-1/4"	Single Groove Journal
				RH	E-10930				
26-3/4"	2	1-1/2"-28	1-5/8"	LH	E-17180	Trailer	E-11450HD; E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17181				
26-15/16"	2	1-1/2"-28	1-1/2"	LH	E-9729	Trailer	E-2287	Spicer 16-1/2" XL	Double Groove Journal - 1-5/8", 2-7/32"
				RH	E-9730				
26-15/16"	2	1-1/2"-28	1-5/8"	LH	E-9737	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	Single Groove Journal - 2-7/32"
				RH	E-9738				

Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 16 1/2" Standard 	TYPE 2 1 1/8" 16 1/2" "Extended Life" 	TYPE 3 1 3/16" 12 1/4" Spicer, Eaton 	TYPE 4 1 1/16" 12 1/4" Fruehauf 	TYPE 5 1 1/16" 12 1/4" Meritor, Spicer 0794 "Fast-Rise" 	TYPE 6 1 5/16" 15", 16 1/2" Meritor "Flat Head"
TYPE 7 1 3/16" 15" Meritor "New S" 	TYPE 8 1" 15" Meritor "Q-Plus" 	TYPE 9 1 1/4" 15" Eaton 	TYPE 10 1" 15" Eaton "ES" 	TYPE 11 1 3/16" 16 1/2" Meritor "Q-Plus" 	Head End* Left Hand Camshaft View Right Hand Camshaft View

Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



Length: Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.

Head type: Determine Camshaft Head type by reviewing the photos of each type and determine the type number.

Spline and Count Measure the spline diameter and count the number of splines.

Journal: Measure the camshaft journal diameter.

Head End: Determine left hand (LH) or right hand (RH) cam head rotation.

Axle: Confirm Axle location (Steer, Drive, Trailer).

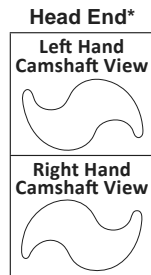
Brake size: Confirm brake manufacturer and size with customer.

Notes: Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
27 - 28 Inch Camshaft Group									
27-33/64"	5	1-1/2"-28	1-5/8"	LH	E-17230	Trailer	E-11450HD; E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17231				
28 - 29 Inch Camshaft Group									
28-1/8"	2	1-1/2"-28	1-5/8"	LH	E-17182	Trailer	E-11450HD; E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17183				
28-11/64"	5	1-1/2"-28	1-5/8"	LH	E-17232	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17233				
28-3/16"	2	1-1/2"-10	1-1/2"	LH	E-16824	Trailer	E-2287	Spicer 16-1/2" XL	Triple Groove Journal plus Single Slack Groove
				RH	E-16825				
28-1/4"	2	1-1/2"-28	1-5/8"	LH	E-17184	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17185				
28-3/4"	2	1-1/2"-28	1-5/8"	LH	E-17186	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17187				
28-49/64"	5	1-1/2"-28	1-5/8"	LH	E-17234	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17235				
29 - 30 Inch Camshaft Group									
29-1/4"	2	1-1/2"-28	1-5/8"	LH	E-17188	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17189				
29-3/4"	2	1-1/2"-28	1-5/8"	LH	E-17190	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17191				

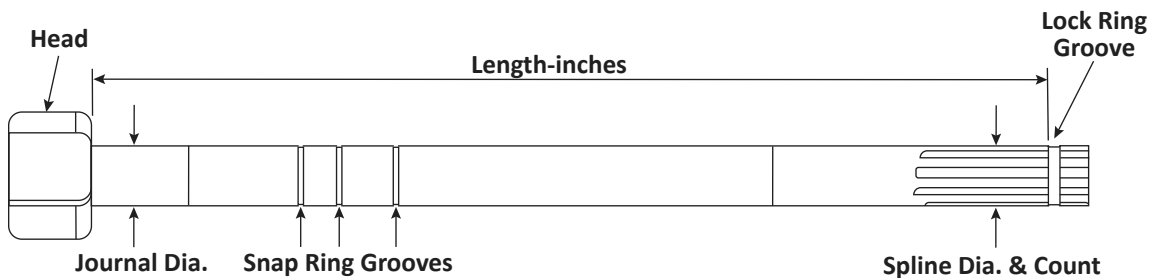
Listed by camshaft length from under head to beginning of lock ring groove.

TYPE 1 1 3/8" 	TYPE 2 1 1/8" 	TYPE 3 1 3/16" 	TYPE 4 1 1/16" 	TYPE 5 1 1/16" 	TYPE 6 1 1/8"
TYPE 7 1 3/16" 	TYPE 8 1" 	TYPE 9 1 1/4" 	TYPE 10 1" 	TYPE 11 1 3/16" 	



Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

*Left or Right Hand description refers to the rotation of the Camshaft Head. This description does not always match the position of the Camshaft on the axle.



- Length:** Measure from under the cam shaft head to the beginning of the first lock ring groove in the splines.
- Head type:** Determine Camshaft Head type by reviewing the photos of each type and determine the type number.
- Spline and Count** Measure the spline diameter and count the number of splines.
- Journal:** Measure the camshaft journal diameter.
- Head End:** Determine left hand (LH) or right hand (RH) cam head rotation.
- Axle:** Confirm Axle location (Steer, Drive, Trailer).
- Brake size:** Confirm brake manufacturer and size with customer.
- Notes:** Review note for additional variations.

LENGTH	HEAD TYPE	SPLINE	JOURNAL DIA.	HEAD END*	EUCLID NO.	AXLE	CAMSHAFT KIT	MFR./BRAKE SIZE	NOTES
30 - 31 Inch Camshaft Group									
30-1/4"	2	1-1/2"-28	1-5/8"	LH	E-11862	Trailer	E-11910, E-9790A	Spicer 16-1/2" XL	
				RH	E-11863				
30-1/2"	2	1-1/2"-28	1-5/8"	LH	E-17192	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17193				
30-49/64"	5	1-1/2"-28	1-5/8"	LH	E-17236	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17237				
31 - 32 Inch Camshaft Group									
31-3/4"	2	1-1/2"-28	1-5/8"	LH	E-17194	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17195				
32 - 33 Inch Camshaft Group									
32-17/64"	5	1-1/2"-28	1-5/8"	LH	E-17238	Trailer	E-11450HD, E-11897	Hendrickson 12-1/4" Intraax	Double Groove Journal
				RH	E-17239				
32-1/2"	2	1-1/2"-28	1-5/8"	LH	E-17198	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17199				
33 - 34 Inch Camshaft Group									
33-1/8"	2	1-1/2"-28	1-5/8"	LH	E-17200	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17201				
Over 34 Inch Camshaft Group									
35-1/4"	2	1-1/2"-28	1-5/8"	LH	E-17202	Trailer	E-11450HD, E-11897	Hendrickson 16-1/2" Intraax	Double Groove Journal
				RH	E-17203				

Listed by camshaft length from under head to beginning of lock ring groove.

<p>TYPE 1 1 3/8"</p> <p>16 1/2" Standard</p>	<p>TYPE 2 1 1/8"</p> <p>16 1/2" "Extended Life"</p>	<p>TYPE 3 1 3/16"</p> <p>12 1/2" Spicer, Eaton</p>	<p>TYPE 4 1 1/16"</p> <p>12 1/2" Fruehauf</p>	<p>TYPE 5 1 1/16"</p> <p>12 1/2" Meritor, Spicer 0794 "Fast-Rise"</p>	<p>TYPE 6 1 3/16"</p> <p>15", 16 1/2" Meritor "Flat Head"</p>	<p>Head End*</p> <p>Left Hand Camshaft View</p> <p>Right Hand Camshaft View</p>
<p>TYPE 7 1 3/16"</p> <p>15" Meritor "New S"</p>	<p>TYPE 8 1"</p> <p>15" Meritor "Q-Plus"</p>	<p>TYPE 9 1 1/4"</p> <p>15" Eaton</p>	<p>TYPE 10 1"</p> <p>15" Eaton "ES"</p>	<p>TYPE 11 1 3/16"</p> <p>16 1/2" Meritor "Q-Plus"</p>		

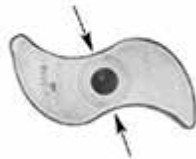
Camshaft head photos are for identification purposes only — Actual camshaft head may vary slightly in dimension or appearance.

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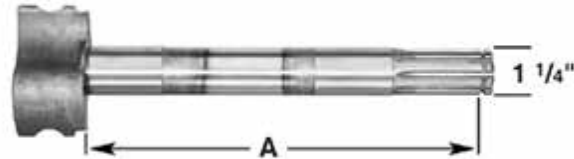
FOR EATON STEERING AXLES WITH 15" SINGLE ANCHOR PIN BRAKES

1 1/4" Dia. - 10 Spline

Nominal Head Dimension



Left Hand

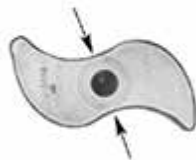


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-5060	LH	1-1/4"	8-9/16"	E-5140	E-5139	
E-5061	RH					
E-5131	LH	1-1/4"	9-3/16"	E-5140	E-5139	
E-5132	RH					
E-5133	LH	1-1/4"	9-9/16"	E-5140	E-5139	
E-5134	RH					
E-5062	LH	1-1/4"	10-29/32"	E-5140	E-5139	
E-5063	RH					

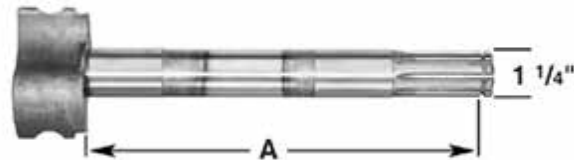
FOR EATON STEERING AXLES WITH 15" ES EXTENDED SERVICE BRAKES

1 1/4" Dia. - 10 Spline

Nominal Head Dimension



Left Hand



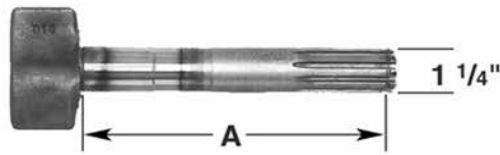
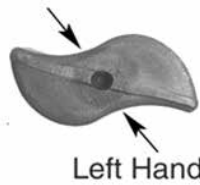
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9030	LH	1"	9-3/16"	E-5140	E-5139	These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-9031	RH					
E-9032	LH	1"	9-9/16"	E-5140	E-5139	
E-9033	RH					
E-9034	LH	1"	9-25/32"	E-5140	E-5139	
E-9035	RH					

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR MERITOR STEERING AXLES WITH 15" T AND Q BRAKE - NEW STYLE "S"

Nominal Head Dimension

1 1/4" Dia. - 10 Spline

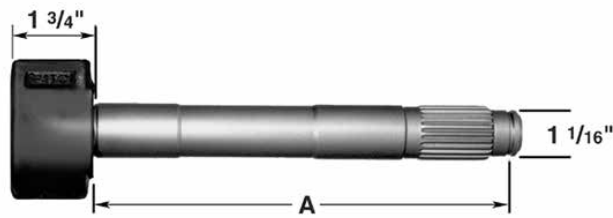
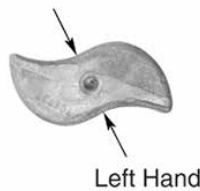


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9697	LH	1-3/16"	8-1/2"	E-3446 (T) E-3876 (Q)	E-4691 (T) E-3869 (Q)	These cams can replace old style "flat" head cams in pairs.
E-9698	RH					
E-9699	LH	1-3/16"	9-1/4"	E-3446 (T) E-3876 (Q)	E-4691 (T) E-3869 (Q)	
E-9700	RH					
E-9701	LH	1-3/16"	9-9/16"	E-3446 (T) E-3876 (Q)	E-4691 (T) E-3869 (Q)	
E-9702	RH					

FOR MERITOR STEERING AXLES WITH 15" Q BRAKES - 1-1/2" OFFSET BACKING PLATE

Nominal Head Dimension

1 1/4" Dia. - 24 Spline



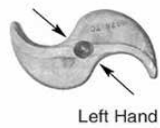
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9707	LH	1-3/16"	8-1/2"	E-3876	E-3869	
E-9708	RH					
E-5529	LH	1-3/16"	9-1/4"	E-3876	E-3869	
E-5530	RH					

CAMSHAFTS

FOR MERITOR STEERING AXLES WITH 15" Q+ BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



CAMSHAFTS

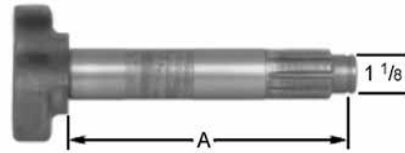
EUCLID NO.	HEAD TYPE	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-11520	LH	1"	8-29/64"	2"	E-3993B	E-9064	
E-11521	RH						
E-11522	LH	1"	8-45/64"	2"	E-3993B	E-9064	
E-11523	RH						
E-11968	LH	1"	8-45/64"	2"	E-11904	E-9064	LX/MX 500 Series with 1-5/8" Journal
E-11969	RH						
E-9065	LH	1"	9-1/4"	2"	E-3993B	E-9064	
E-9066	RH						
E-9067A	LH	1"	9-29/64"	2"	E-3993B	E-9064	
E-9068A	RH						
E-11538	LH	1"	10-33/64"	2"	E-3993B	E-9064	
E-11539	RH						
E-11548	LH	1"	11-3/8"	2"	E-3993B	E-9064	
E-11549	RH						
E-11550	LH	1"	11-19/32"	2"	E-3993B	E-9064	
E-11551	RH						
E-11566	LH	1"	13-5/16"	2"	E-3993B	E-9064	
E-11567	RH						

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR EATON DRIVE AXLE

1 1/2" Dia. - 10 Spline

Nominal Head Dimension

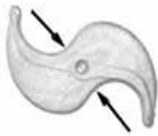


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-2800	LH	1-3/8"	8-9/16"	E-2125	E-1887AHD	<p>Extended service camshafts CAN be used in place of standard camshafts.</p> <p>Standard camshafts CANNOT be used in place of extended service camshafts when using extended service shoes and/or linings.</p> <p>Extended service camshafts are .060 longer than their standard counterpart to allow for a special washer under the head.</p>
E-2799	RH					
E-5490	LH	1-1/8"	8-5/8"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-5491	RH					
E-9763	LH	1-3/8"	10-5/32"	E-2125	E-1887AHD	
E-9764	RH					
E-9767	LH	1-1/8"	10-9/16"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-9768	RH					
E-9765	LH	1-3/8"	11-1/8"	E-2125	E-1887AHD	
E-9766	RH					
E-1776	LH	1-1/8"	11-1/2"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-1775	RH					
E-5492	LH	1-3/8"	11-1/2"	E-2125	E-1887AHD	
E-5493	RH					
E-2787	LH	1-1/8"	12-7/16"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-2786	RH					
E-9769	LH	1-3/8"	12-1/2"	E-2125	E-1887AHD	
E-9770	RH					
E-4888	LH	1-1/8"	12-15/16"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-4889	RH					
E-4740	LH	1-3/8"	13-7/16"	E-2125	E-1887AHD	
E-4741	RH					
E-10911	LH	1-1/8"	13-15/32"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-10912	RH					
E-3523	LH	1-3/8"	14-1/4"	E-2125	E-1887AHD	
E-3524	RH					
E-9771	LH	1-1/8"	14-5/16"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-9772	RH					
E-9055	LH	1-3/8"	15"	E-2125	E-1887AHD	
E-9056	RH					
E-10913	LH	1-1/8"	15-1/8"	E-10897 (ES)	E-5481A (ES) E-10244 Drive (ES II) E-10760 Steer (ES II)	
E-10914	RH					
E-10915	LH	1-3/8"	15-1/4"	E-2125	E-1887AHD	
E-10916	RH					

CAMSHAFTS

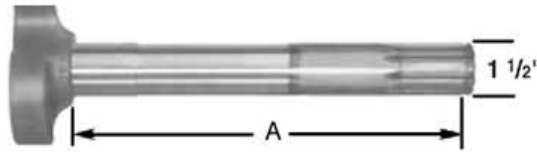
FOR MERITOR DRIVE AXLES WITH 16-1/2 IN. Q+™ BRAKES

Nominal Head Dimension



"Q" Plus

1 1/2" Dia. - 10 Spline



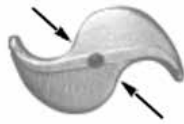
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-4705B	LH	1-3/16"	6-13/32"	E-3993B	E-2769HD	For Mack Trucks using Meritor 38,000 and 44,000 lb. axles.
E-4704B	RH					
E-4707B	LH	1-3/16"	7-29/32"	E-3993B	E-2769HD	
E-4706B	RH					
E-2479B	LH	1-3/16"	8-35/64"	E-3993B	E-2769HD	
E-2478B	RH					
E-9687A	LH	1-3/16"	9-1/16"	E-3993B	E-2769HD	
E-9688A	RH					
E-2701B	LH	1-3/16"	10-33/64"	E-3993B	E-2769HD	
E-2700B	RH					
E-1774C	LH	1-3/16"	11-1/8"	E-3993B	E-2769HD	
E-1773C	RH					
E-1148C	LH	1-3/16"	11-33/64"	E-3993B	E-2769HD	Improved heat treating through the Cam Bushing area for longer life.
E-1147C	RH					
E-4703B	LH	1-3/16"	11-11/16"	E-3993B	E-2769HD	
E-4702B	RH					
E-4709B	LH	1-3/16"	12-15/32"	E-3993B	E-2769HD	
E-4708B	RH					
E-9689A	LH	1-3/16"	13-21/32"	E-3993B	E-2769HD	
E-9690A	RH					
E-9691A	LH	1-3/16"	14-7/8"	E-3993B	E-2769HD	
E-9692A	RH					
E-4711B	LH	1-3/16"	15-5/8"	E-3993B	E-2769HD	
E-4710B	RH					
E-4715A	LH	1-3/16"	17-23/32"	E-3993B	E-2769HD	
E-4714A	RH					
E-689A	LH	1-3/16"	18-3/8"	E-3993B	E-2769HD	
E-688A	RH					
E-2413A	LH	1-3/16"	18-5/8"	E-3993B	E-2769HD	
E-2412A	RH					

Extended service camshafts CAN be used in place of standard camshafts.

Standard camshafts CANNOT be used in place of extended service camshafts when using Extended service shoes and/or linings.

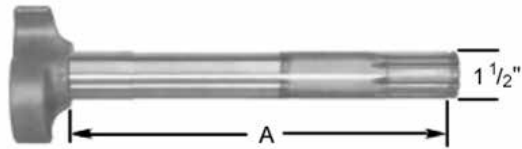
FOR MERITOR DRIVE AXLES WITH 16-1/2" STANDARD BRAKES

Nominal Head Dimension



Left Hand

1 1/2" Dia. - 10 Spline

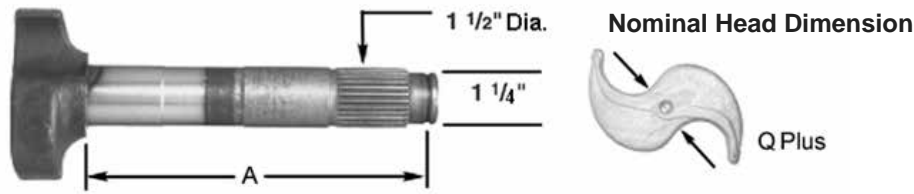


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-2715A	LH	1-3/8"	12-1/16"	E-2086B (P)	KIT-4HD (P)	
E-2714A	RH			E-3993B (Q)	E-2769HD (Q)	

Standard camshafts CANNOT be used in place of extended service camshafts when using Extended service shoes and/or linings.

FOR MERITOR DRIVE AXLES WITH 16-1/2" Q+ BRAKES

1 1/2" Dia. - 28 Spline



CAMSHAFTS

EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-11513	LH	1-1/4"	6-13/64"	E-3993B	E-2769HD	
E-11512	RH					
E-11515	LH	1-1/4"	7-3/32"	E-3993B	E-2769HD	
E-11514	RH					
E-9645	LH	1-1/4"	7-23/32"	E-3993B	E-2769HD	
E-9646	RH					
E-9647	LH	1-1/4"	8-1/16"	E-3993B	E-2769HD	
E-9648	RH					
E-11517	LH	1-1/4"	8-13/64"	E-3993B	E-2769HD	
E-11516	RH					
E-11519	LH	1-1/4"	8-5/16"	E-3993B	E-2769HD	
E-11518	RH					
E-9649	LH	1-1/4"	8-9/16"	E-3993B	E-2769HD	
E-9650	RH					
E-11609	LH	1-1/4"	8-37/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11608	RH					
E-11525	LH	1-1/4"	8-45/64"	E-3993B	E-2769HD	
E-11524	RH					
E-9651	LH	1-1/4"	9-1/16"	E-9080	E-2769HD	Tractor, Transit, Truck
E-9652	RH					
E-11611	LH	1-1/4"	9-5/16"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11610	RH					
E-11961	LH	1-1/4"	9-7/16"	E-3993B	E-2769HD	
E-11960	RH					
E-9653	LH	1-1/4"	9-7/16"	E-9080	E-2769HD	Tractor, Transit, Truck
E-9654	RH					
E-11613	LH	1-1/4"	9-37/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11612	RH					
E-11529	LH	1-1/4"	9-45/64"	E-3993B	E-2769HD	
E-11528	RH					
E-11531	LH	1-1/4"	9-13/16"	E-3993B	E-2769HD	
E-11530	RH					
E-11533	LH	1-1/4"	9-61/64"	E-3993B	E-2769HD	
E-11532	RH					
E-11535	LH	1-1/4"	10-3/32"	E-3993B	E-2769HD	
E-11534	RH					
E-5504A	LH	1-1/4"	10-3/16"	E-9080	E-2769HD	Trucks and Tractors
E-5505A	RH					

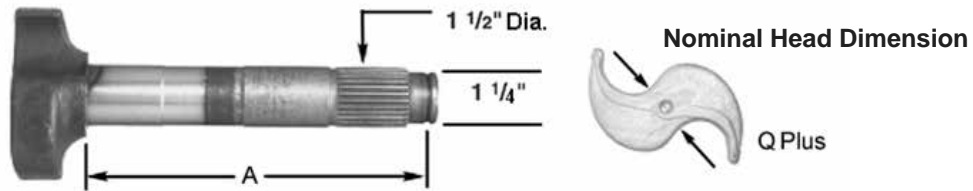
Extended service camshafts CAN be used in place of standard camshafts.

Standard camshafts CANNOT be used in place of extended service camshafts when using Extended service shoes and/or linings.

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR MERITOR DRIVE AXLES WITH 16-1/2" Q+ BRAKES

1 1/2" Dia. - 28 Spline



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-11537	LH	1-3/16"	10-13/64"	E-3993B	E-2769HD	
E-11536	RH					
E-9655	LH	1-3/16"	10-13/32"	E-3993B	E-2769HD	
E-9656	RH					
E-11541	LH	1-3/16"	10-19/32"	E-3993B	E-2769HD	
E-11540	RH					
E-11543	LH	1-3/16"	10-19/32"	E-3993B	E-2769HD	Induction hardened body
E-11542	RH					
E-11545	LH	1-3/16"	10-45/64"	E-3993B	E-2769HD	
E-11544	RH					
E-11547	LH	1-3/16"	10-13/16"	E-3993B	E-2769HD	
E-11546	RH					
E-9657	LH	1-3/16"	10-15/16"	E-3993B	E-2769HD	
E-9658	RH					
E-9659	LH	1-3/16"	11-1/8"	E-3993B	E-2769HD	
E-9660	RH					
E-11619	LH	1-3/16"	11-13/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11618	RH					
E-9661	LH	1-3/16"	11-9/16"	E-3993B	E-2769HD	
E-9662	RH					
E-9663	LH	1-3/16"	11-11/16"	E-3993B	E-2769HD	
E-9664	RH					
E-11623	LH	1-3/16"	11-45/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11622	RH					
E-11553	LH	1-3/16"	11-13/16"	E-3993B	E-2769HD	
E-11552	RH					
E-9665	LH	1-3/16"	11-15/16"	E-3993B	E-2769HD	
E-9666	RH					
E-11625	LH	1-3/16"	11-61/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11624	RH					
E-11555	LH	1-3/16"	12-13/64"	E-3993B	E-2769HD	
E-11554	RH					
E-11557	LH	1-3/16"	12-5/16"	E-3993B	E-2769HD	
E-11556	RH					
E-9667	LH	1-3/16"	12-7/16"	E-3993B	E-2769HD	
E-9668	RH					
E-11559	LH	1-3/16"	12-29/64"	E-3993B	E-2769HD	Induction hardened body
E-11558	RH					

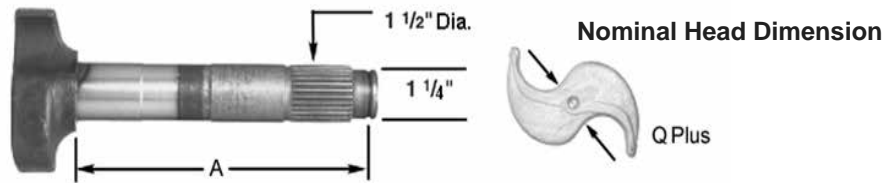
Extended service camshafts CAN be used in place of standard camshafts.

Standard camshafts CANNOT be used in place of extended service camshafts when using Extended service shoes and/or linings.

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR MERITOR DRIVE AXLES WITH 16-1/2" Q+ BRAKES

1 1/2" Dia. - 28 Spline



CAMSHAFTS

EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-11563	LH	1-3/16"	12-13/16"	E-3993B	E-2769HD	
E-11562	RH					
E-9669	LH	1-3/16"	12-15/16"	E-3993B	E-2769HD	
E-9670	RH					
E-11627	LH	1-3/16"	12-61/64"	E-3993B	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11626	RH					
E-11565	LH	1-3/16"	13-3/32"	E-3993B	E-2769HD	
E-11564	RH					
E-11629	LH	1-3/16"	13-13/64"	E-3993B	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11628	RH					
E-9671	LH	1-3/16"	13-7/32"	E-3993B	E-2769HD	
E-9672	RH					
E-9673A	LH	1-3/16"	13-7/16"	E-9080	E-2769HD	Heat Treated Body
E-9674A	RH					
E-11631	LH	1-3/16"	13-29/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11630	RH					
E-11569	LH	1-3/16"	13-19/32"	E-3993B	E-2769HD	
E-11568	RH					
E-4910A	LH	1-3/16"	13-45/64"	E-3993B	E-2769HD	
E-4911A	RH					
E-11571	LH	1-3/16"	13-13/16"	E-3993B	E-2769HD	
E-11570	RH					
E-9675	LH	1-3/16"	14-3/32"	E-3993B	E-2769HD	
E-9676	RH					
E-11573	LH	1-3/16"	14-5/16"	E-3993B	E-2769HD	
E-11572	RH					
E-11633	LH	1-3/16"	14-37/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11632	RH					
E-9677	LH	1-3/16"	14-19/32"	E-3993B	E-2769HD	
E-9678	RH					
E-11575	LH	1-3/16"	14-45/64"	E-3993B	E-2769HD	
E-11574	RH					
E-9679	LH	1-3/16"	14-3/4"	E-3993B	E-2769HD	
E-9680	RH					
E-11577	LH	1-3/16"	14-61/64"	E-3993B	E-2769HD	
E-11576	RH					
E-11579	LH	1-3/16"	15-3/32"	E-3993B	E-2769HD	
E-11578	RH					

Extended service camshafts CAN be used in place of standar camshafts.

Standard camshafts CANNOT be used in place of extended service camshafts when using Extended service shoes and/or linings.

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR MERITOR DRIVE AXLES WITH 16-1/2" Q+ BRAKES

1 1/2" Dia. - 28 Spline



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-11581	LH	1-3/16"	15-3/32"	E-3993B	E-2769HD	Induction hardened body.
E-11580	RH					
E-9681	LH	1-3/16"	15-3/16"	E-3993B	E-2769HD	
E-9682	RH					
E-11583	LH	1-3/16"	15-5/16"	E-3993B	E-2769HD	
E-11582	RH					
E-10306A	LH	1-3/16"	15-19/32"	E-3993B	E-2769HD	
E-10307A	RH					
E-11639	LH	1-3/16"	15-45/64"	E-3993B	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11638	RH					
E-9683	LH	1-3/16"	15-23/32"	E-3993B	E-2769HD	Tractor, Transit, Truck
E-9684	RH					
E-11641	LH	1-3/16"	15-13/16"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11640	RH					
E-11585	LH	1-3/16"	15-13/16"	E-3993B	E-2769HD	
E-11584	RH					
E-11587	LH	1-3/16"	15-61/64"	E-3993B	E-2769HD	
E-11586	RH					
E-11589	LH	1-3/16"	16-3/32"	E-3993B	E-2769HD	
E-11588	RH					
E-11591	LH	1-3/16"	16-29/64"	E-3993B	E-2769HD	
E-11590	RH					
E-11593	LH	1-3/16"	16-19/32"	E-3993B	E-2769HD	
E-11592	RH					
E-11595	LH	1-3/16"	16-13/16"	E-3993B	E-2769HD	
E-11594	RH					
E-11597	LH	1-3/16"	16-61/64"	E-3993B	E-2769HD	
E-11596	RH					
E-11599	LH	1-3/16"	17-29/64"	E-3993B	E-2769HD	
E-11598	RH					
E-11601	LH	1-3/16"	17-61/64"	E-3993B	E-2769HD	
E-11600	RH					
E-11603	LH	1-3/16"	18-29/64"	E-3993B	E-2769HD	
E-11602	RH					
E-11643	LH	1-3/16"	18-29/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11642	RH					
E-11605	LH	1-3/16"	18-19/32"	E-3993B	E-2769HD	
E-11604	RH					
E-11645	LH	1-3/16"	20-61/64"	E-11904	E-2769HD	LX/MX 500 (1-5/8" Bushing Journal)
E-11644	RH					

Extended service camshafts CAN be used in place of standard camshafts.

Standard camshafts CANNOT be used in place of extended service camshafts when using Extended service shoes and/or linings.

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

DEXTER 12-1/4" TRAILER BRAKES 28 SPLINE 1-1/2" JOURNAL DIA.

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-10917	LH	1-1/16"	16-3/8"	2-7/32"	E-2469	E-10875	
E-10918	RH						
E-10919	LH	1-1/16"	20-5/16"	2-7/32"			
E-10920	RH						
E-10921	LH	1-1/16"	21-1/8"	2-7/32"			
E-10922	RH						
E-10923	LH	1-1/16"	22-5/16"	2-7/32"			
E-10924	RH						
E-10925	LH	1-1/16"	23-3/8"	2-7/32"			
E-10926	RH						
E-10927	LH	1-1/16"	24-5/8"	2-7/32"			
E-10928	RH						
E-10929	LH	1-1/16"	26-1/2"	2-7/32"			
E-10930	RH						

Extended service camshafts CAN be used in place of standard camshafts.

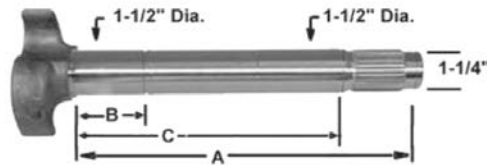
Standard camshafts CANNOT be used in place of extended service camshafts when using Extended service shoes and/or linings.

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

HENDRICKSON INTRAAX® - 16-1/2" TRAILER BRAKES - 10 SPLINE - 1-1/2" JOURNAL DIA.

1 1/2" Dia. - 10 Spline

Nominal Head Dimension

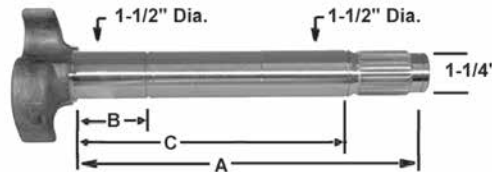


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-11864	LH	1-1/8"	11-1/32"	2-5/16"	8-11/16"	E-11450HD (exposed) E-11897 (enclosed)	E-2769HD	Can be used with Enclosed Cam Tube or Exposed Cam 2" O.D. bushing and seal.
E-11865	RH							

HENDRICKSON INTRAAX® - 16-1/2" TRAILER BRAKES - 28 SPLINE - 1-1/2" JOURNAL DIA.

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



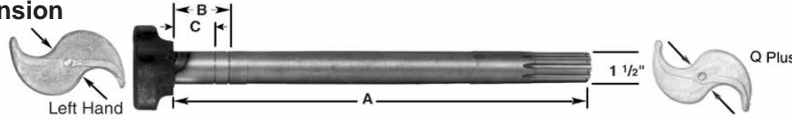
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-10899	LH	1-3/8"	11-1/32"	2-5/16"		E-9791HD (exposed 1-7/8" O.D.) E-11450HD (exposed 2" O.D.) dE-11897 (enclosed)	E-2769HD	Standard Series.
E-10900	RH							
E-11866	LH	1-1/8"	11-1/32"	2-5/16"	8-11/16"		E-2769HD	HXS. Can be used with Enclosed Cam Tube or Exposed Cam 2" O.D. bushing and seal.
E-11867	RH							

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

1-1/2" DIAMETER MULTI-APPLICATION CAMSHAFTS FOR TRAILERS WITH 16-1/2" BRAKES - DOUBLE GROOVE

1 1/2" Dia. - 10 Spline

Nominal Head Dimension

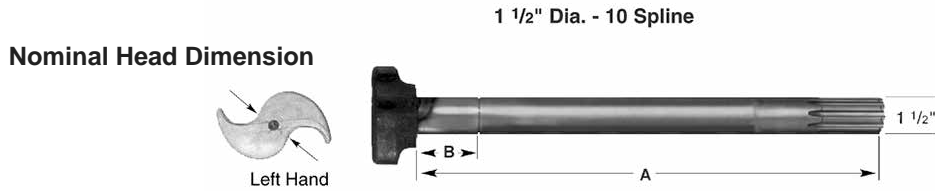


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	GENERAL INFORMATION	
E-557	LH	1-3/8"	20-3/8"	2-7/32"	1-5/8"	E-2089 Eaton (Bolt-on)	Premium Universal. Entire camshaft is heat treated for maximum bearing life and twist resistance.	
E-556	RH							
E-2107	LH	1-3/8"	20-3/8"	2-5/16"	1-5/8"		E-2089 Eaton (Bolt-on)	Original Eaton Style Large S Head. Roller seats completely into S Head
E-2108	RH							
E-1425A	LH	1-3/8"	20-7/16"	2-3/16"	1-5/8"		E-2123 Easton (Weld-on) E-2088AHD Meritor	For Q+ brakes. Standard Universal 1-5/8" Groove used on Paymaster RN and RL Axles
E-1424A	RH							
E-691	LH	1-3/8"	22-1/16"	2-9/16"	2-7/32"		E-2287 Spicer & Std. Forge	
E-690	RH							
E-1095	LH	1-3/8"	23-7/16"	2-5/16"	2-7/32"			Extra long for use with Air Ride Suspensions Extra length keeps slack adjuster from rubbing on air bags and causing premature rupture
E-1094	RH							

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

CAMSHAFTS

1-1/2" DIAMETER MULTI-APPLICATION CAMSHAFTS FOR TRAILERS WITH 16-1/2" BRAKES - SINGLE GROOVE



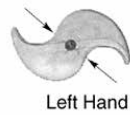
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	GENERAL INFORMATION	
E-4892	LH	1-3/8"	7-13/32"	2-7/32"		Used on Meritor R-100 Axles also used on Ford, GMC, WhiteGMC, Diamond T Tag or Pusher Axles	
E-4893	RH						
E-687	LH	1-3/8"	16-1/2"	2-7/32"			
E-686	RH						
E-2795	LH	1-3/8"	17-3/8"	2-7/32"			E-2089 Eaton (Bolt-on)
E-2794	RH						E-2123 Easton (Weld-on)
E-689	LH	1-3/8"	18-3/8"	2-7/32"			E-2088AHD Meritor
E-688	RH		18-3/8"				E-2287 Spicer & Std. Forge

CAMSHAFTS

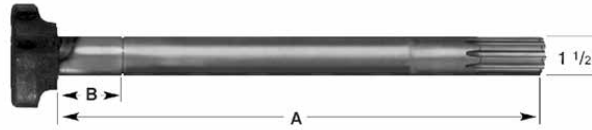
All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

1-1/2" DIAMETER MULTI-APPLICATION CAMSHAFTS FOR TRAILERS WITH 16-1/2" BRAKES - SINGLE GROOVE

Nominal Head Dimension



1 1/2" Dia. - 10 Spline

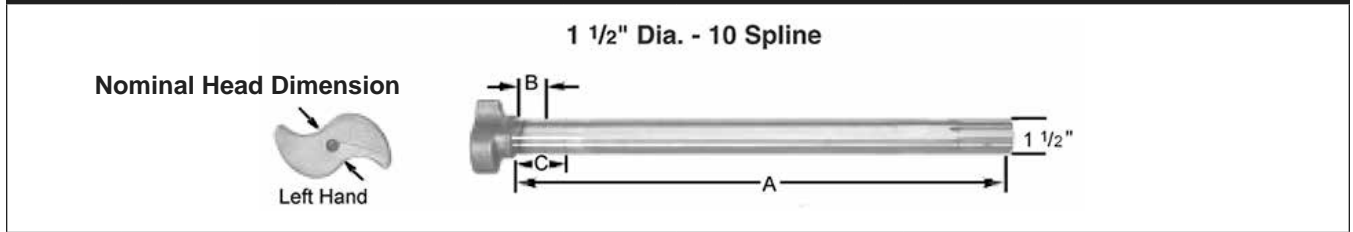


CAMSHAFTS

EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	GENERAL INFORMATION					
E-2413	LH	1-3/8"	18-5/8"	2-7/32"	E-2089 Eaton (Bolt-on) E-2123 Easton (Weld-on) E-2088AHD Meritor E-2287 Spicer & Std. Forge	1/4" longer than E-688 and E-689. Can be used for both applications					
E-2412	RH										
E-685	LH	1-3/8"	21-3/32"	2-7/32"		E-2089 Eaton (Bolt-on) E-2123 Easton (Weld-on) E-2088AHD Meritor E-2287 Spicer & Std. Forge					
E-684	RH										
E-9089	LH	1-3/8"	22-3/8"	2-7/32"			E-2089 Eaton (Bolt-on) E-2123 Easton (Weld-on) E-2088AHD Meritor E-2287 Spicer & Std. Forge				
E-9090	RH										
E-4884	LH	1-3/8"	22-7/8"	2-7/32"				E-2089 Eaton (Bolt-on) E-2123 Easton (Weld-on) E-2088AHD Meritor E-2287 Spicer & Std. Forge			
E-4885	RH										
E-4717	LH	1-3/8"	24"	2-7/32"					E-2089 Eaton (Bolt-on) E-2123 Easton (Weld-on) E-2088AHD Meritor E-2287 Spicer & Std. Forge		
E-4716	RH										
E-2797	LH	1-3/8"	24-3/8"	2-7/32"						E-2089 Eaton (Bolt-on) E-2123 Easton (Weld-on) E-2088AHD Meritor E-2287 Spicer & Std. Forge	For Std. Forge Axles on End Dump Trailers
E-2796	RH										
E-4719	LH	1-3/8"	25-3/4"	2-7/32"	E-2089 Eaton (Bolt-on) E-2123 Easton (Weld-on) E-2088AHD Meritor E-2287 Spicer & Std. Forge						Extra long for use on Air Ride Suspensions
E-4718	RH										

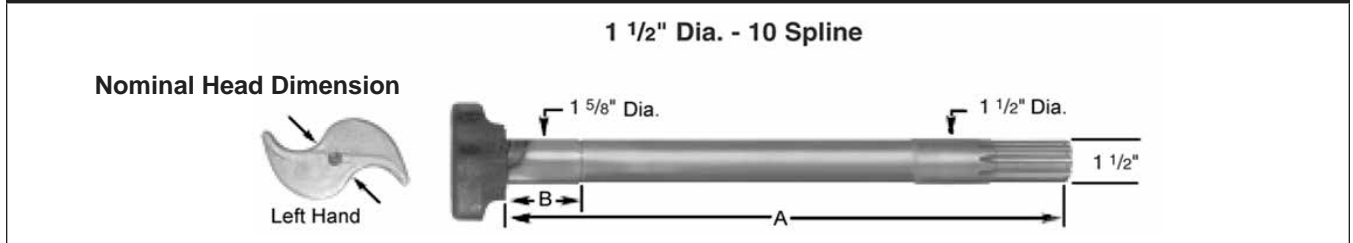
All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR EATON TRAILER AXLES WITH 12-1/4" DIA. BRAKES - DOUBLE GROOVE



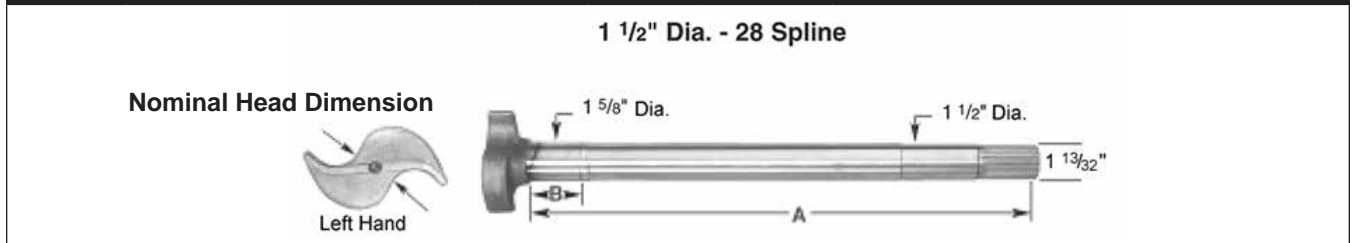
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	APPLICATION INFORMATION
E-1394	LH	1-1/16"	20-5/16"	1-11/32"	2-7/32"	E-2494	E-2126	For use with late model Spider E-2487 & early model Spider E-1399. Use with Air Ride Suspension
E-1393	RH							
E-2493	LH	1-1/16"	22-5/16"	1-11/32"	2-7/32"	E-2494	E-2126	
E-2492	RH							

FOR EATON TRAILER AXLE WITH 501 SERIES WITH 16-1/2" BRAKES



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-2693	LH	1-9/32"	19-1/2"	2-7/32"	E-2696A	E-1887AHD	Used on Eaton Trailer Axles with 501 Series Brakes
E-2694	RH						
E-4721	LH	1-9/32"	23-3/4"	2-7/32"	E-2696A	E-1887AHD	For use on Eaton 501 Series Brakes
E-4720	RH						

FOR EATON TRAILER AXLE WITH 501 SERIES WITH 16-1/2" BRAKES



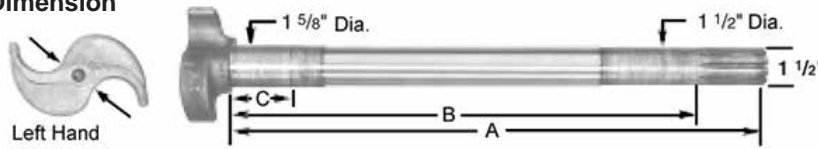
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-4723	LH	1-3/8"	20-7/32"	2-13/32"	E-2696A	E-1887AHD	
E-4722	RH			2-13/32"			

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR EATON TRAILER AXLES WITH 16-1/2" ES EXTENDED SERVICE BRAKES

1 1/2" Dia. - 10 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	APPLICATION INFORMATION
E-5494	LH	1-1/8"	19-1/2"	17-3/16"	2-7/32"	E-2696A	E-5481A (ES) E-10244 (ES II)	These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-5495	RH							
E-5496	LH	1-1/8"	23-3/4"	21-7/16"	2-5/32"			
E-5497	RH							

FOR EATON TRAILER AXLES WITH 16-1/2" ES EXTENDED SERVICE BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



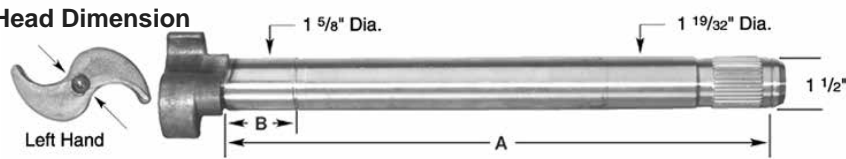
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9057	LH	1-1/8"	19-1/2"	2-5/32"	E-2696A	E-5481A (ES) E-10244 (ES II)	These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-9058	RH						
E-9059	LH	1-1/8"	23-3/4"	2-7/32"			
E-9060	RH						

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR FRUEHAUF PRO-PAR® TRAILER AXLES WITH 12-1/4" BRAKES

1 5/8" Dia. - 37 Spline

Nominal Head Dimension

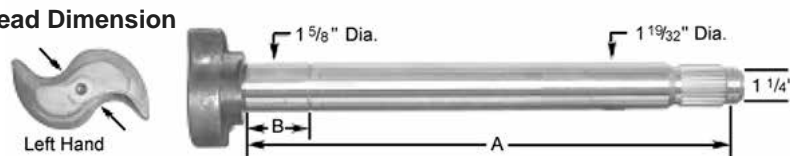


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-4890	LH	13/16"	21-3/16"	2-5/32"	E-2090 E-2122 (Old Style)	E-2286	
E-4891	RH						

FOR FRUEHAUF PRO-PAR® TRAILER AXLES WITH 16-1/2" BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension

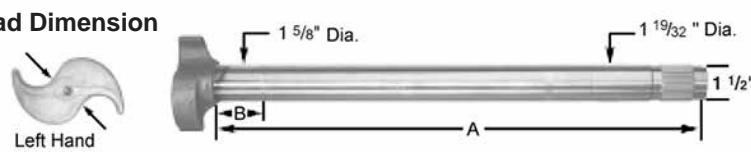


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9761	LH	1-3/8"	16-1/8"	2-5/32"	E-2090 E-2122 (Old Style)	E-3710HD	
E-9762	RH						

FOR FRUEHAUF PRO-PAR® TRAILER AXLES WITH 16-1/2" BRAKES

1 5/8" Dia. - 37 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-1563	LH	1-3/8"	16-1/8"	2-5/32"	E-2090 E-2122 (Old Style)	E-3710HD	For Pro-Par® Axle 16-1/2" Brakes. Use with E-1574HD 37 Serration Slack Adjuster.
E-1564	RH						
E-2099	LH	1-3/8"	21-1/8"	2-5/32"	E-2090 E-2122 (Old Style)	E-3710HD	For 16-1/2" Fruehauf Brakes. Extra long for use with Air Ride Suspension. Use with E-1574HD 37 Serration Slack Adjuster.
E-2100	RH						
E-3861	LH	1-3/8"	23-7/8"	2-7/32"	E-2090 E-2122 (Old Style)	E-3710HD	Longer length for Air Ride suspensions.
E-3862	RH						

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR MERITOR TRAILER AXLES WITH 12-1/4" BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension

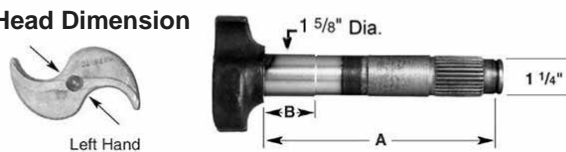


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-3516	LH	11/16"	20-3/8"	1-23/32"	E-3520A E3520AHD E3989AHD	E-3484	
E-3517	RH						
E-9087	LH	11/16"	23-7/32"	1-23/32"			
E-9088	RH						

FOR MERITOR TRAILER AXLES WITH 15" Q+ BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



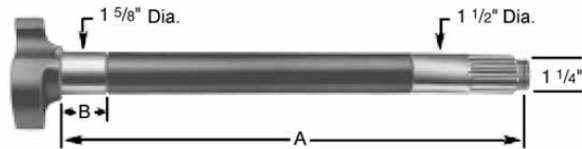
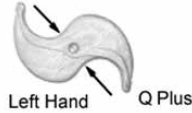
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-11958	LH	1"	23-3/8"	1-63/64"	E-11904		Contact Florence Information Services for Repair Kit details.
E-11959	RH						

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR MERITOR 4000-6000 SERIES TRAILER AXLES WITH 16-1/2" BRAKES

1 1/2" Dia. - 10 Spline

Nominal Head Dimension

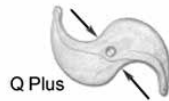


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-2447A	LH	1-3/16"	17-5/16"	1-45/64"	E-3520A E-3520AHD E-3989AHD	E-2769HD	
E-2448A	RH						
E-2449A	LH	1-3/16"	20-13/32"	1-45/64"			
E-2450A	RH						
E-2451A	LH	1-3/16"	24-1/16"	1-45/64"			
E-2452A	RH						

FOR MERITOR 4000-6000 SERIES TRAILER AXLES WITH 16-1/2" Q+ BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-2441B	LH	1-3/16"	17-5/16"	1-45/64"	E-3520A E-3520AHD E-3989AHD	E-2769HD	Q+, Q and P brakes. Cast spiders with press-in bushings. Fabricated spiders with weld-on bushings.
E-2442B	RH						
E-2443B	LH	1-3/16"	20-13/32"	1-45/64"			
E-2444B	RH						
E-2445B	LH	1-3/16"	24-1/16"	1-45/64"			
E-2446B	RH						

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR MERITOR TRAILER AXLES WITH 16-1/2" Q+ BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



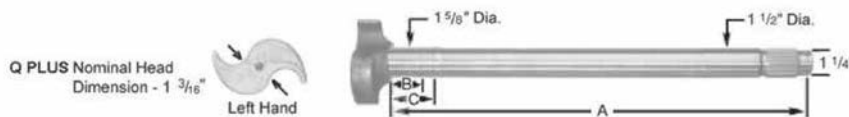
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-5506	LH	1-3/16"	17-5/16"	1-31/32"	E-9078HD (Press-in spider bushings) E-9079HD (Bolt-on spider bushings)	E-2769HD	Can be used with cast or fabricated spiders and all spider bushings. E-9075 Washer must be used when using these camshafts with nylon or metal press-in spider bushings. These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-5505	RH						
E-5508	LH	1-3/16"	20-13/32"	1-31/32"			
E-5509	RH						
E-5510	LH	1-3/16"	24-1/16"	1-31/32"			
E-5511	RH						

FOR MERITOR TRAILER AXLES WITH 16-1/2" BRAKES

Use Camshaft Repair Kit:
E-3520A, E-3520AHD, E-3989AHD
E-9078HD, E-9079HD

1 1/2" Dia. - 28 Spline

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-14822	LH	1-3/16"	17-5/16"	1-31/32"	1-63/64"	E-3520A E-3520AHD E-3989AHD E-9078HD E-9079HD		Double snap ring groove under head.
E-14823	RH							
E-14824	LH	1-3/16"	20-13/32"	1-31/32"	1-63/64"			
E-14825	RH							
E-14820	LH	1-3/16"	24-1/16"	1-31/32"	1-63/64"			
E-14821	RH							

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR SPICER (STD. FORGE) TRAILER AXLES WITH 12-1/4" BRAKES

1 1/2" Dia. - 10 Spline

Nominal Head Dimension

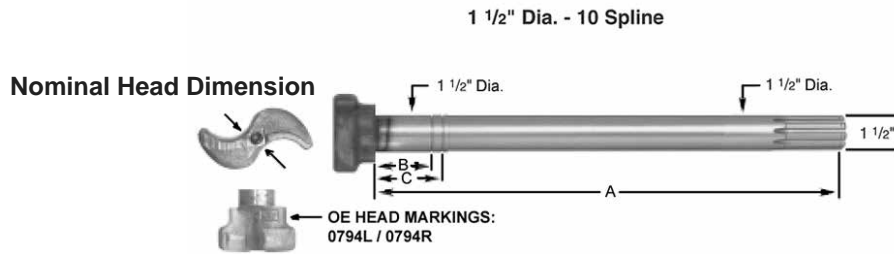


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9743	LH	1-1/16"	18-7/8"	2-7/32"	2-21/32"	E-2469 (Nylon spider bushing) E-5307 (Bronze spider bushing)	Check Application	Spicer (Dana) and Std. Forge 12-1/4" x 5-1/2" and 12-1/4" x 7-1/2" Brakes. Also can be used for Dexter 12-1/4" Brakes.
E-9744	RH							
E-1411	LH	1-1/16"	21-1/8"	2-7/32"	2-21/32"			
E-1410	RH							
E-1423	LH	1-1/16"	23-1/4"	2-7/32"	2-21/32"			
E-1422	RH							
E-1421	LH	1-1/16"	23-7/8"	2-7/32"	2-21/32"			
E-1420	RH							
E-2793	LH	1-1/16"	24-5/8"	2-7/32"	2-21/32"			
E-2792	RH							
E-9747	LH	1-1/16"	26-1/2"	2-7/32"	2-21/32"			
E-9748	RH							

CAMSHAFTS

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR SPICER TRAILER AXLES WITH 12-1/4" BRAKES - "NEW" HEAD DESIGN REPLACES "FAST-RISE" CAMSHAFT HEAD STYLE



CAMSHAFTS

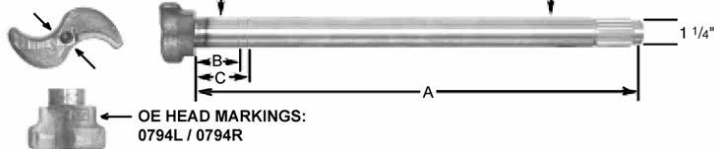
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	GENERAL INFORMATION
E-9263	LH	11/16"	16-1/8"	2-7/32"	2-21/32"	E-2469 (Nylon spider bushing) E-5307 (Bronze spider bushing)	Spicer has changed the head design of these camshafts. The new heads are marked: "0794L" and "0794R". Spicer did not change their part numbers for these cams, so pay attention to the head markings! WARNING: These camshafts are for use with fabricated brakes shoes only! DO NOT use these new camshafts with cast brake shoe or fabricated closed roller-end brake shoes. Euclid fabricated open roller end brake shoe numbers are: , E-2394A, and E-5303A. WARNING: E-586, 1-1/2" diameter, Rollers must be used with this new head design. E-586 rollers are now available in Brake Repair Kits E-9281, E-9282 and E-9283. WARNING: These camshafts should not be used in conjunction with old "FAST-RISE" camshafts on the same axle. The rate of brake application is different between the two head designs.
E-9264	RH						
E-9265	LH	11/16"	18-7/8"	2-7/32"	2-21/32"		
E-9266	RH						
E-9267	LH	11/16"	20-1/2"	2-7/32"	2-21/32"		
E-9268	RH						
E-9269	LH	11/16"	21-1/4"	2-7/32"	2-21/32"		
E-9270	RH						
E-9273	LH	11/16"	23-1/8"	2-7/32"	2-21/32"		
E-9274	RH						
E-9275	LH	11/16"	23-1/2"	2-7/32"	2-21/32"		
E-9276	RH						
E-9279	LH	11/16"	26-1/4"	2-7/32"	2-21/32"		
E-9280	RH						

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR SPICER TRAILER AXLES WITH 12-1/4" BRAKES - "NEW" HEAD DESIGN REPLACES "FAST-RISE" CAMSHAFT HEAD STYLE

1 1/2" Dia. - 28 Spline

Nominal Head Dimension

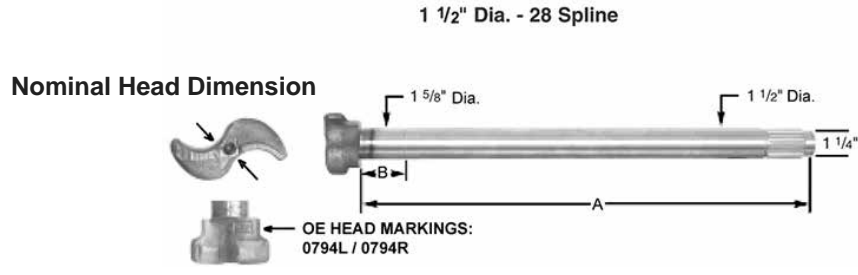


EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	GENERAL INFORMATION
E-9755	LH	11/16"	21-5/16"	2-7/32"	2-21/32"	E-2469 (Nylon spider bushing) E-5307 (Bronze spider bushing)	Spicer has changed the head design of these camshafts. The new heads are marked: "0794L" and "0794R". Spicer did not change their part numbers for these cams, so pay attention to the head markings! WARNING: These camshafts are for use with fabricated brakes shoes only! DO NOT use these new camshafts with cast brake shoe or fabricated closed roller-end brake shoes. Euclid fabricated open roller end brake shoe numbers are: E-2394A, and E-5303A. WARNING: E-586, 1-1/2" diameter, Rollers must be used with this new head design. E-586 rollers are now available in Brake Repair Kits E-9281, E-9282 and E-9283. WARNING: These camshafts should not be used in conjunction with old "FAST-RISE" camshafts on the same axle. The rate of brake application is different between the two head designs.
E-9756	RH						
E-9757	LH	11/16"	22-1/16"	2-7/32"	2-21/32"		
E-9758	RH						
E-9759	LH	11/16"	23-3/16"	2-7/32"	2-21/32"		
E-9760	RH						

CAMSHAFTS

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR SPICER TRAILER AXLES WITH 12-1/4" BRAKES - "NEW" HEAD DESIGN REPLACES "FAST-RISE" CAMSHAFT HEAD STYLE



CAMSHAFTS

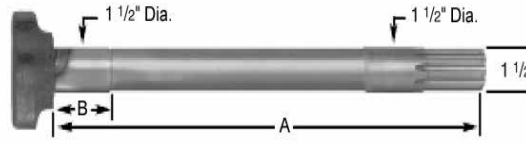
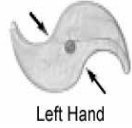
EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	GENERAL INFORMATION
E-10901	LH	11/16"	20-9/16"	2-7/32"	E-9790A	Spicer has changed the head design of these camshafts. The new heads are marked: "0794L" and "0794R". Spicer did not change their part numbers for these cams, so pay attention to the head markings!
E-10902	RH					WARNING: These camshafts are for use with fabricated brakes shoes only! DO NOT use these camshafts with cast brake shoe or fabricated closed roller-end brake shoes. Euclid fabricated open roller end brake shoe numbers is: E-5303A.
E-10903	LH	11/16"	21-5/16"	2-7/32"		WARNING: E-586, 1-1/2" diameter, Rollers must be used with this head design. E-586 rollers are now available in Brake Repair Kits E-9281, E-9282 and E-9283.
E-10904	RH					WARNING: These camshafts should not be used in conjunction with old "FAST-RISE" camshafts on the same axle. The rate of brake application is different between the two head designs.
E-10905	LH	11/16"	23-3/16"	2-7/32"		
E-10906	RH					
E-10907	LH	11/16"	23-15/16"	2-7/32"		
E-10908	RH					

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR SPICER (HAYES DANA) TRAILER AXLES WITH 16-1/2" BRAKES

1 1/2" Dia. - 10 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-7217	LH	1-3/8"	26-1/4"	2-7/32"	E-2287	Check Application	
E-7218	RH						
E-7219	LH	1-3/8"	26-1/2"	2-7/32"			
E-7220	RH						

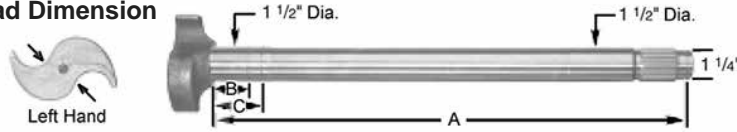
CAMSHAFTS

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

FOR SPICER TRAILER AXLES WITH 16-1/2" BRAKES

1 1/2" Dia. - 28 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9725	LH	1-3/8"	17-3/8"	1-5/8"	2-7/32"	E-2287	E-2769HD	
E-9726	RH							
E-3854	LH	1-3/8"	20-3/8"	1-5/8"	2-7/32"	E-2287	E-2769HD	Standard length
E-3855	RH							
E-6884	LH	1-3/8"	22-7/8"	1-5/8"	2-7/32"	E-2287	E-2769HD	
E-6885	RH							
E-3856	LH	1-3/8"	23-7/16"	1-5/8"	2-7/32"	E-2287	E-2769HD	Longer length for Air Ride suspensions
E-3857	RH							

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

CAMSHAFTS

FOR SPICER TRAILER AXLES WITH 16-1/2" XL XTRALIFE BRAKES

1 1/2" - 10 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9739	LH	1-1/8"	19-1/2"	1-5/8"	2-7/32"	E-2287	E-5515 (XL) E-2769HD (Standard Q)	These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-9740	RH							
E-16824	LH		28-3/8"					
E-16825	RH							
E-16826	LH		7-5/8"					
E-16827	RH							
E-16828	LH		9-1/2"					
E-16829	RH							
E-16830	LH		9-3/4"					
E-16831	RH							
E-16832	LH		9-7/8"					
E-16833	RH							
E-16836	LH		7-1/2"					
E-16837	RH							
E-16838	LH		7-5/8"					
E-16839	RH							
E-16840	LH		8-1/2"					
E-16841	RH							
E-16842	LH		9-1/8"					
E-16843	RH							
E-16844	LH		9-3/4"					
E-16845	RH							
E-16848	LH		7-1/2"					
E-16849	RH							
E-16850	LH		8-1/2"					
E-16851	RH							
E-16852	LH		9-1/8"					
E-16853	RH							
E-16854	LH	9-3/4"						
E-16855	RH							

CAMSHAFTS

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

BRAKE CAMSHAFTS — TRAILER AXLE

FOR SPICER TRAILER AXLES WITH 16-1/2" XL XTRALIFE BRAKES

1 1/2" - 10 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-5518	LH	1-1/8"	20-3/8"	1-5/8"	2-7/32"	E-2287	E-5515 (XL) E-2769HD (Standard Q)	These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-5519	RH		22-7/8"					
E-6101	LH		23-1/2"					
E-6102	RH		24"					
E-5520	LH		24-3/8"					
E-5521	RH		26-1/4"					
E-9727	LH							
E-9728	RH							
E-6103	LH							
E-6104	RH							
E-9741	LH							
E-9742	RH							

FOR SPICER TRAILER AXLES WITH 16-1/2" XL XTRALIFE BRAKES

1 1/2" - 28 Spline

Nominal Head Dimension



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	C	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9096	LH	1-1/8"	17-3/16"	1-5/8"	2-7/32"	E-2287	E-5515 (XL) E-2769HD (Standard Q)	These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-9097	RH		17-7/16"					
E-5522	LH	1-1/8"	20-7/16"	1-5/8"	2-7/32"			
E-5523	RH		22-15/16"					
E-5524	LH	1-1/8"	23-9/16"	1-5/8"	2-7/32"			
E-5525	RH		24-1/16"					
E-9098	LH	1-1/8"	26-15/16"	1-5/8"	2-7/32"			
E-9099	RH							
E-5526	LH	1-1/8"		1-5/8"	2-7/32"			
E-5527	RH							
E-9100	LH	1-1/8"		1-5/8"	2-7/32"			
E-9101	RH							
E-9729	LH	1-1/8"		1-5/8"	2-7/32"			
E-9730	RH							

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

CAMSHAFTS

FOR SPICER TRAILER AXLES WITH 16-1/2" XL XTRALIFE BRAKES WITH 1-5/8" BEARING JOURNAL

1 1/2" - 28 Spline



EUCLID NO.	HEAD END	NOMINAL HEAD DIM.	A	B	CAMSHAFT REPAIR KIT	BRAKE REPAIR KIT	GENERAL INFORMATION
E-9731	LH	1-1/8"	17-7/16"	2-1/4"	E-9790A E-11910	E-5515 (XL) E-2769HD (Standard Q)	These cams are "extended life" versions of this manufacturer's "standard version". If retrofitting from "standard" to "extended life" camshafts, Euclid strongly recommends replacing both cams on a single axle or all cams on tandem axles to promote a balanced brake condition.
E-9732	RH						
E-9733	LH	1-1/8"	20-7/16"	2-1/4"			
E-9734	RH						
E-11856	LH	1-1/8"	22-5/8"	2-1/4"			
E-11857	RH						
E-11858	LH	1-1/8"	22-7/8"	2-1/4"			
E-11859	RH						
E-9735	LH	1-1/8"	23-9/16"	2-1/4"			
E-9736	RH						
E-10909	LH	1-1/8"	24-1/8"	2-1/4"			
E-10910	RH						
E-11860	LH	1-1/8"	26-1/4"	2-1/4"			
E-11861	RH						
E-9737	LH	1-1/8"	26-15/16"	2-1/4"			
E-9738	RH						
E-11862	LH	1-1/8"	30-1/4"	2-1/4"			
E-11863	RH						

CAMSHAFTS

All Euclid Cam Lengths are measured from under Cam Head to beginning of Lock Ring Groove.

NOTES: _____

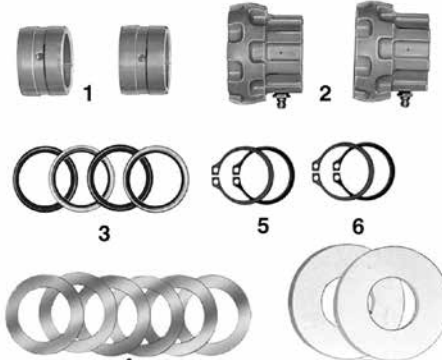
CAMSHAFTS

E-11910 FOR 12-1/4" AND 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-9789	1	2	Camshaft Bushing	FOR SPICER (DANA) 12-1/4" and 16-1/2" BRAKE WITH 1-5/8" CAM JOURNAL For 12-1/4" or 16-1/2" brakes with 1-5/8" camshaft journal. Same as E-9790A except contains cam support brackets.
E-9792A	2	2	Camshaft Bushing	
E-2405	3	4	Camshaft Seal	
E-1569	4	2	Camshaft Lock Ring	
E-801	5	2	Lock Ring	
E-10800	6	2	Cam Washer	
E-580	7	2	Camshaft Spacer Washer	
E-1113	8	4	Washer	
E-10801	9	2	Cam Washer	
E-11445	10	1	Camshaft Support Bracket	
E-11446	11	1	Camshaft Support Bracket	

E-2469 FOR 12-1/4" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-580	1	2	Camshaft Spacer Washer	FOR LATE MODEL SPICER and STANDARD FORGE AXLES For late model Spicer and Standard Forge axles.
E-581	2	2	Camshaft Spacer Washer	
E-1416A	3	4	Camshaft Seal	
E-2404	4	2	Camshaft "D" Washer	
E-526	5	4	Camshaft Lock Ring	
E-759	6	2	Camshaft Spider Bushing	
E-2102	7	2	Camshaft Bushing	
E-2409	8	2	Camshaft Spacer Washer	
E-1113	9	2	Washer	
E-801	10	2	Lock Ring	

E-2469-2 FOR 12-1/4" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-580	1	1	Camshaft Spacer Washer	FOR LATE MODEL SPICER and STANDARD FORGE AXLES For late model Spicer and Standard Forge axles. Half kit, only services one wheel end. Full kit is E-2469.
E-581	2	1	Camshaft Spacer Washer	
E-1416A	3	2	Camshaft Seal	
E-2404	4	1	Camshaft "D" Washer	
E-526	5	2	Camshaft Lock Ring	
E-759	6	1	Camshaft Spider Bushing	
E-2102	7	1	Camshaft Bushing	
E-2409	8	1	Camshaft Spacer Washer	
E-1113	9	1	Washer	
E-801	10	1	Lock Ring	

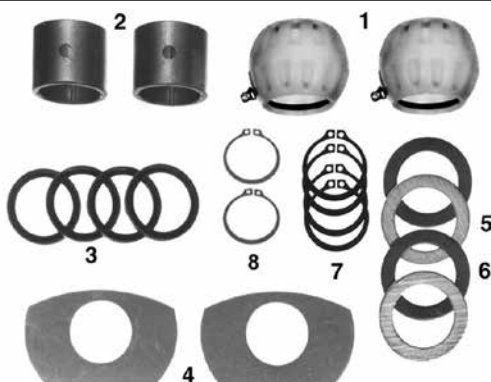
E-2494 FOR 12-1/4" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
				E-536	1	2	Camshaft Bushing	FOR LATE MODEL EATON AXLES
				E-1385	2	2	Camshaft Bushing	
				E-1416A	3	4	Camshaft Seal	
				E-580	4	6	Camshaft Spacer Washer	
				E-1569	5	2	Camshaft Lock Ring	
				E-526	6	2	Camshaft Lock Ring	
				E-3473	7	2	Camshaft Spacer Washer	


E-2526 FOR 12-1/4" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
				E-536	1	2	Camshaft Bushing	FOR SPICER and STANDARD FORGE AXLES
				E-759	2	2	Camshaft Spider Bushing	
				E-1416A	3	8	Camshaft Seal	Bolt-on spider and flat or S-head camshaft. Use the shorter E-536 bushing in cam support bracket and the longer E-759 bushing in the spider
				E-564	4	4	Camshaft Spacer Washer	
				E-1408	5	2	Camshaft Washer	
				E-526	6	6	Camshaft Lock Ring	

E-5307 FOR 12-1/4" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
				E-2102	1	2	Camshaft Bushing	FOR SPICER (DANA) 12-1/4" U BRAKE
				E-807	2	2	Bronze Camshaft Bushing	
				E-1416A	3	4	Camshaft Seal	
				E-2409	4	2	Camshaft Spacer Washer	
				E-580	5	2	Camshaft Spacer Washer	
				E-2404	6	2	Camshaft "D" Washer	
				E-526	7	4	Camshaft Lock Ring	
				E-801	8	2	Lock Ring	

E-5307-2 FOR 12-1/4" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
				E-2102	1	1	Camshaft Bushing	FOR SPICER (DANA) 12-1/4" Half kit, only services one wheel end. Full kit is E-5307.
				E-807	2	1	Bronze Camshaft Bushing	
				E-1416A	3	2	Camshaft Seal	
				E-2409	4	1	Camshaft Spacer Washer	
				E-580	5	1	Camshaft Spacer Washer	
				E-2404	6	1	Camshaft "D" Washer	
				E-526	7	2	Camshaft Lock Ring	
				E-801	8	1	Lock Ring	

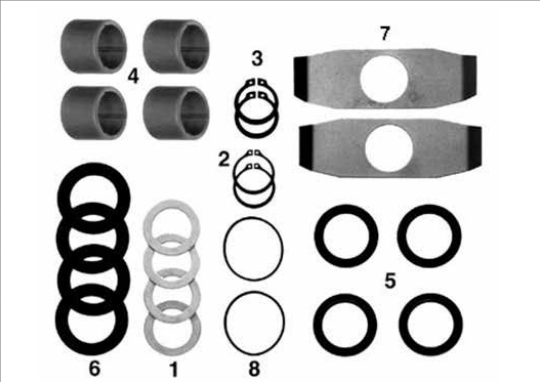
E-9790A FOR 12-1/4" AND 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-9789	1	2	Camshaft Bushing	FOR SPICER (DANA) 12-1/4" and 16-1/2" BRAKE WITH 1-5/8" CAM JOURNAL For 12-1/4" or 16-1/2" brakes with 1-5/8" camshaft journal. Same as E-9790A except contains cam support brackets.
E-9792A	2	2	Camshaft Bushing	
E-2405	3	4	Camshaft Seal	
E-1569	4	2	Camshaft Lock Ring	
E-801	5	2	Lock Ring	
E-10800	6	2	Cam Washer	
E-580	7	2	Camshaft Spacer Washer	
E-1113	8	4	Washer	
E-10801	9	2	Cam Washer	

E-10846 FOR 14-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-667	1	4	Bronze Camshaft Bushing	FOR MERITOR COACH 14-1/2" x 4" and 6" W SERIES For Meritor coach 14-1/2" x 4" or 6" W series
E-654	2	4	Camshaft Seal	
E-4736	3	2	Camshaft Lock Ring	
E-10845	4	4	Camshaft Spacer Washer	
E-3479	5	4	Camshaft Spacer Washer	
E-10843	6	2	Camshaft Spacer Washer	

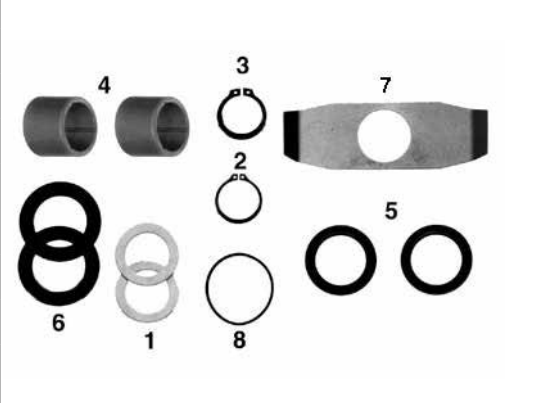
E-10872 FOR 14-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-10857	1	4	Camshaft Head Washer	MERITOR COACH 14-1/2" W SERIES BRAKE For use with Meritor Coach W 10" Series Brake Shoe, Type 3
E-10843	2	2	Camshaft Spacer Washer	
E-654	3	4	Camshaft Seal	
E-667	4	4	Bronze Camshaft Bushing	
E-3479	5	4	Camshaft Spacer Washer	
E-10845	6	4	Camshaft Spacer Washer	
E-4736	7	2	Camshaft Lock Ring	

E-10897 FOR 15" AND 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-536	1	2	Camshaft Bushing	FOR EATON "ES" Steer axles with Eaton 15" reduced envelope brakes, or drive axles with 16-1/2" Eaton ES Extended Service brakes
E-1416	2	4	Camshaft Seal	
E-1781	3	4	Camshaft Spacer Washer	
E-1782	4	4	Camshaft Spacer Washer	
E-667	5	2	Bronze Camshaft Bushing	
E-3234	6	2	Camshaft Snap Ring	
E-5482	7	2	Camshaft Wear Washer	
E-580	8	2	Camshaft Spacer Washer	

E-3993B FOR 15" AND 16-1/2" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-1113	1	4	Washer	FOR MERITOR 15 and 16-1/2" DRIVE AXLE Q and Q+ BRAKES Steer axles with Meritor Q or Q+ brakes, or drive axles with Meritor 16-1/2" Q or Q+ brakes. Contains E-3859 Rubber Camshaft Support Gasket. Contains New Style E-5512 Moly-impregnated Spider Bushing. Contains Lock Rings for Camshafts with narrow or wide grooves.				
E-801	2	2	Lock Ring					
E-5093	3	2	Camshaft Lock Ring					
E-5512	4	4	Camshaft Bushing					
E-654	5	4	Camshaft Seal					
E-3479	6	4	Camshaft Spacer Washer					
E-3478	7	2	Camshaft Wear Washer					
E-3859	8	2	Camshaft Seal					

E-3993B-2 FOR 15" AND 16-1/2" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-1113	1	2	Washer	FOR MERITOR 15 and 16-1/2" DRIVE AXLE Q and Q+ BRAKES Steer axles with Meritor Q or Q+ brakes, or drive axles with Meritor 16-1/2" Q or Q+ brakes. Contains E-3859 Rubber Camshaft Support Gasket. Contains New Style E-5512 Moly-impregnated Spider Bushing. Contains Lock Rings for Camshafts with narrow or wide grooves. Half kit, only services one wheel end. Full kit is E-3993B.				
E-801	2	1	Lock Ring					
E-5093	3	1	Camshaft Lock Ring					
E-5512	4	2	Camshaft Bushing					
E-654	5	2	Camshaft Seal					
E-3479	6	2	Camshaft Spacer Washer					
E-3478	7	1	Camshaft Wear Washer					
E-3859	8	1	Camshaft Seal					

E-5501 FOR 15" AND 16-1/2" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-536	1	4	Camshaft Bushing	STEER AXLES WITH EATON 15" REDUCED ENVELOPE BRAKES, OR DRIVE AXLES WITH 16-1/2" EATON ES EXTENDED SERVICE BRAKES. Steer axles with Eaton 15" reduced envelope brakes, or drive axles with 16-1/2" Eaton ES Extended Service brakes				
E-1416	2	4	Camshaft Seal					
E-1781	3	2	Camshaft Spacer Washer					
E-1782	4	2	Camshaft Spacer Washer					
E-3234	5	2	Camshaft Snap Ring					
E-5482	6	2	Camshaft Wear Washer					
E-580	7	2	Camshaft Spacer Washer					

E-5501-2 FOR 15" AND 16-1/2" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-536	1	4	Camshaft Bushing	STEER AXLES WITH EATON 15" REDUCED ENVELOPE BRAKES, OR DRIVE AXLES WITH 16-1/2" EATON ES EXTENDED SERVICE BRAKES. Steer axles with Eaton 15" reduced envelope brakes, or drive axles with 16-1/2" Eaton ES Extended Service brakes.				
E-1416	2	4	Camshaft Seal					
E-580	3	2	Camshaft Spacer Washer					
E-1781	4	2	Camshaft Spacer Washer					
E-1782	5	2	Camshaft Spacer Washer					
E-3234	6	2	Camshaft Snap Ring					
NSS*	7	2	Cotter Pin	Half kit, only services one wheel end. Full kit is E-5501.				

*Not Sold Separately

CAMSHAFTS

E-2125 FOR 15" AND 16-1/4" DIA. CAM BRAKES				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
				E-536	1	2	Camshaft Bushing	FOR EATON Self contained drive axle brakes with fabricated camshaft brackets.
				E-1416	2	2	Camshaft Seal	
				E-580	3	1	Camshaft Spacer Washer	
				E-1781	4	1	Camshaft Spacer Washer	
				E-1782	5	1	Camshaft Spacer Washer	
				E-3234	6	1	Camshaft Snap Ring	
				NSS*	7	1	Cotter Pin	

E-2125-2 FOR 15" AND 16-1/4" DIA. CAM BRAKES				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
				E-536	1	2	Camshaft Bushing	FOR EATON Self contained drive axle brakes with fabricated camshaft brackets. Half kit, only services one wheel end. Full kit is E-2125.
				E-1416	2	2	Camshaft Seal	
				E-580	3	1	Camshaft Spacer Washer	
				E-1781	4	1	Camshaft Spacer Washer	
				E-1782	5	1	Camshaft Spacer Washer	
				E-3234	6	1	Camshaft Snap Ring	
				NSS*	7	1	Cotter Pin	

E-3468A FOR 15" AND 16-1/4" DIA. CAM BRAKES				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
				E-5512	1	4	Camshaft Bushing	FOR MERITOR 15" and 16-1/4" DIAMETER T SERIES BRAKES WITH 1-1/2" DIAMETER CAMSHAFT For Meritor 15" or 16-1/4" T series brakes with 1-1/2" camshaft journal
				E-654	2	4	Camshaft Seal	
				E-581	3	2	Camshaft Spacer Washer	
				E-580	4	4	Camshaft Spacer Washer	
				E-4736	5	2	Camshaft Lock Ring	
				E-3473	6	2	Camshaft Spacer Washer	
				E-3472	7	2	Camshaft Spacer Washer	

*Not Sold Separately

E-11904 FOR 15" AND 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	NSS*	1	1	Lube Fitting	FOR MERITOR LX/MX 500 SERIES BRAKES For Meritor LX/MX 500 Series Brakes; use with stamped or cast spider. Half kit, only services one wheel end
	E-3859	2	1	Camshaft Seal	
	E-654	3	1	Camshaft Seal	
	NSS*	4	1	Grease Seal	
	NSS*	5	1	Seal	
	NSS*	6	1	Seal	
	NSS*	7	1	Seal	
	NSS*	8	1	Camshaft Bushing	
	NSS*	9	1	Camshaft Bushing	
	E-5095	10	4	Camshaft Spacer Washer	
	E-5093	11	1	Camshaft Lock Ring	
	NSS*	12	1	Flat Washer	
	NSS*	13	1	Special Washer	
	NSS*	14	1	Flat Washer	
	NSS*	15	2	Plug	
NSS*	16	1	Grease (14 oz.) (Not Shown)		

E-3353A FOR 15" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-2733	2	4	Camshaft Washer	FOR WAGNER FRONT BRAKES For Wagner steer axle brakes; 15" x 3", 15" x 3-1/2", 15" x 4"
	NSS*	3	2	Snap Ring	
	NSS*	4	4	Seal	

E-3354 FOR 15" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	NSS*	1	4	Bushing	FOR WAGNER DRIVE AXLE BRAKES 15" x 6", 15" x 7" For Wagner drive axle brakes; 15" x 6", 15" x 7"
	E-2409	2	4	Camshaft Spacer Washer	
	E-4736	3	2	Camshaft Lock Ring	
E-2717	4	4	Camshaft Seal		

*Not Sold Separately

E-3446 FOR 15" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-3447	1	4	Camshaft Bushing	FOR MERITOR 15" DIAMETER T SERIES BRAKES WITH 1-1/4" DIAMETER CAMSHAFT For Meritor 15" T series brakes with 1-1/4" camshaft journal
E-3469	2	4	Camshaft Seal	
E-5093	3	2	Camshaft Lock Ring	
E-3471	4	6	Camshaft Spacer Washer	
E-801	5	2	Lock Ring	
E-3475	6	2	Camshaft Spacer Washer	
NSS*	7	2	Cam Spacer	
E-3476	8	2	Camshaft Spacer Washer	

E-3876 FOR 15" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-3877	1	4	Camshaft Bushing	FOR MERITOR STEERING AXLES WITH 15" Q SERIES BRAKES For one complete axle.
E-3878	2	4	Camshaft Seal	
E-9076	3	2	Camshaft Lock Ring	
E-3476	4	4	Camshaft Spacer Washer	

E-5140 FOR 15" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-5127	1	4	Camshaft Bushing	FOR EATON 15" x 4" SINGLE ANCHOR PIN FRONT AXLE BRAKE For Eaton single anchor pin style brakes
E-5128	2	4	Camshaft Seal	
E-5137	3	2	Camshaft Spacer Washer	
E-5138	4	2	Camshaft Spacer Washer	
E-3234	5	2	Camshaft Snap Ring	

E-5140-2 FOR 15" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-5127	1	2	Camshaft Bushing	FOR EATON 15" x 4" SINGLE ANCHOR PIN FRONT AXLE BRAKE For Eaton 15" x 4" single anchor pin steer axle brakes. Half kit, only services one wheel end. Full kit is E-5140.
E-5128	2	2	Camshaft Seal	
E-5137	3	1	Camshaft Spacer Washer	
E-5138	4	1	Camshaft Spacer Washer	
E-3234	5	1	Camshaft Snap Ring	

*Not Sold Separately

E-2086B FOR 16-1/2" AND 18" DIA. CAM BRAKES		EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-5512	1	4	Camshaft Bushing	FOR MERITOR 16-1/2" and 18" DRIVE AXLE P SERIES BRAKES "UNIVERSAL KIT" For Meritor 16-1/2" and 18" drive axle P series brakes. "Universal Kit" contains E-526 Lock Ring for Camshafts with narrow groove. Contains E-4736 Lock Ring for Camshafts with wide groove. Contains E-3859 Rubber Camshaft Support Gasket. Contains New Style E-5512 Moly-impregnated Spider Bushing.	
	E-654	2	4	Camshaft Seal		
	E-656	3	2	Camshaft "D" Washer		
	E-580	4	2	Camshaft Spacer Washer		
	E-581	5	2	Camshaft Spacer Washer		
	E-526	6	2	Camshaft Lock Ring		
	E-3859	7	2	Camshaft Seal		
	E-4736	8	2	Camshaft Lock Ring		

E-2086B-2 FOR 16-1/2" AND 18" DIA. CAM BRAKES		EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-5512	1	2	Camshaft Bushing	FOR MERITOR 16-1/2" and 18" DRIVE AXLE P SERIES BRAKES "UNIVERSAL KIT" For Meritor 16-1/2" and 18" drive axle P series brakes. "Universal Kit" contains E-526 Lock Ring for Camshafts with narrow groove. Contains E-4736 Lock Ring for Camshafts with wide groove. Contains E-3859 Rubber Camshaft Support Gasket. Contains New Style E-5512 Moly-impregnated Spider Bushing. Half kit, only services one wheel end. Full kit is E2-086.	
	E-654	2	2	Camshaft Seal		
	E-656	3	1	Camshaft "D" Washer		
	E-580	4	1	Camshaft Spacer Washer		
	E-581	5	1	Camshaft Spacer Washer		
	E-526	6	1	Camshaft Lock Ring		
	E-3859	7	1	Camshaft Seal		
	E-4736	8	1	Camshaft Lock Ring		

E-11450 FOR 16-1/2" DIA. CAM BRAKES		EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-11449	1	2	Bronze Camshaft Bushing	FOR HENDRICKSON INTRAAX® 16-1/2" BRAKE 2" bushing and seal outer diameter	
	E-11451	2	4	Camshaft Seal		
	E-1318A	3	2	Camshaft Support Bracket		
	E-2720	4	2	Camshaft Lock Ring		
	E-564	5	8	Camshaft Spacer Washer		
	E-656	6	2	Camshaft "D" Washer		
	E-719	7	4	Camshaft Spacer Washer		
	E-801	8	2	Lock Ring		

E-11450HD FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-11449	1	2	Bronze Camshaft Bushing	FOR HENDRICKSON INTRAAX® 16-1/2" BRAKE Includes heavy-duty cam support bushings. 2" bushing and seal outer diameter
E-11451	2	4	Camshaft Seal	
E-1113	3	4	Washer	
E-1318AHD	4	2	Camshaft Support Bracket	
E-2720	5	2	Camshaft Lock Ring	
E-564	6	8	Camshaft Spacer Washer	
E-656	7	2	Camshaft "D" Washer	
E-719	8	4	Camshaft Spacer Washer	
E-801	9	2	Lock Ring	

E-11450HD-2 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-11449	1	1	Bronze Camshaft Bushing	FOR HENDRICKSON INTRAAX® 16-1/2" BRAKE Includes heavy-duty cam support bushings. 2" bushing and seal outer diameter. Half kit, only services one wheel end. Full kit is E-11450HD
E-11451	2	2	Camshaft Seal	
E-1113	3	2	Washer	
E-1318AHD	4	1	Camshaft Support Bracket	
E-2720	5	1	Camshaft Lock Ring	
E-564	6	4	Camshaft Spacer Washer	
E-656	7	1	Camshaft "D" Washer	
E-719	8	2	Camshaft Spacer Washer	
E-801	9	1	Lock Ring	

E-11819 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-1565	1	1	Washer	FOR EATON 16-1/2" BRAKE
E-2405	2	1	Seal	
E-5137	3	1	Washer	
E-526	4	1	Ring	
E-801	5	1	Washer	
E-580	6	8	Washer	

E-11897 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
NSS*	1	1	Outer Cam Washer	FOR HENDRICKSON INTRAAX® 16-1/2 IN. BRAKE Includes cam tube. Half kit, only services one wheel end
NSS*	2	1	Cam Tube Assembly	
NSS*	3	4	Capscrew	
NSS*	4	4	Flanged Head Lock Nut	
NSS*	5	2	Journal Washer	
NSS*	6	3	Spline Inner Washer	
NSS*	7	2	Cam Tube Bracket	
NSS*	8	1	Snap Ring	
NSS*	9	1	Snap Ring	

*Not Sold Separately

E-11897HD FOR 16-1/2" DIA. CAM BRAKES



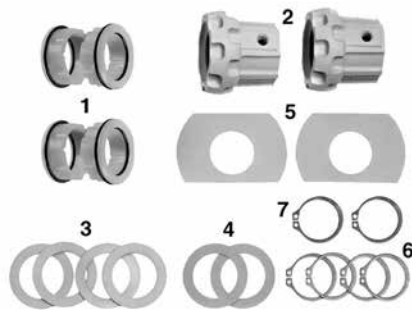
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
NSS*	1	1	Outer Cam Washer	FOR HENDRICKSON INTRAAX® 16-1/2 IN. BRAKE Aftermarket heavy duty kit. The camshaft tube is knurled on both end to help eliminate the rotation issue the happens to the camshaft tube where the spider opening has wear. Half kit, only services one wheel end
NSS*	2	1	Cam Tube Assembly	
NSS*	3	4	Capscrew	
NSS*	4	4	Flanged Head Lock Nut	
NSS*	5	2	Journal Washer	
NSS*	6	3	Spline Inner Washer	
NSS*	7	2	Cam Tube Bracket	
NSS*	8	1	Snap Ring	
NSS*	9	1	Snap Ring	

E-11977 FOR 16-1/2" DIA. CAM BRAKES



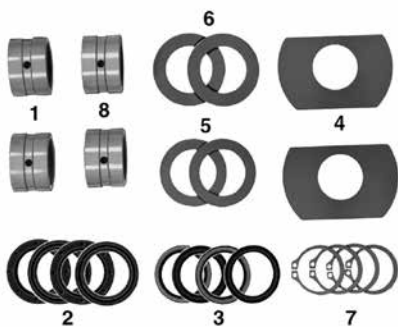
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-11952	1	2	Retainer Bushing	FOR HENDRICKSON INTRAAX® 16-1/2 IN. BRAKE Services 2 brakes. Use with fabricated spiders. Trailer axle cam with bolt-on bushings.
E-801	2	2	Snap Ring	
E-1113	3	4	Washer	
NSS*	4	8	Self-Tap Screw	
E-1318A	5	2	Retainer	
E-6077	6	2	Outer Washer	
E-9072	7	2	Washer - Flat	
E-9077	8	2	Snap Ring	
E-2405	9	4	Seal	

E-1357A FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-943	1	2	Bushing Assy. (2 pc)	FOR EARLY MODEL MERITOR P SERIES For early Meritor P series brakes. For later model Meritor P series brakes using E-1318B bushing assembly use camshaft repair kit E-2679A contains lock rings for camshafts with narrow or wide grooves.
E-535	2	2	Camshaft Bushing	
E-580	3	4	Camshaft Spacer Washer	
E-581	4	2	Camshaft Spacer Washer	
E-656	5	2	Camshaft "D" Washer	
E-526	6	4	Camshaft Lock Ring	
E-4736	7	2	Camshaft Lock Ring	

E-2087 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-536	1	2	Camshaft Bushing	FOR ALL EARLY MODEL STANDARD FORGE and KERSHAW AXLES For early model Standard Forge and Kershaw axles
E-654	2	4	Camshaft Seal	
E-1416A	3	4	Camshaft Seal	
E-656	4	2	Camshaft "D" Washer	
E-719	5	2	Camshaft Spacer Washer	
E-580	6	2	Camshaft Spacer Washer	
E-526	7	4	Camshaft Lock Ring	
E-759	8	2	Camshaft Spider Bushing	

*Not Sold Separately

CAMSHAFTS

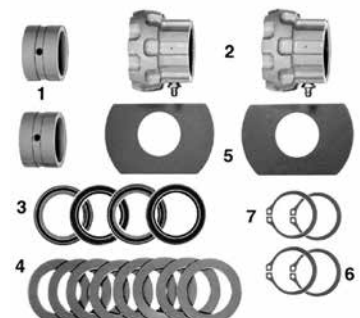
E-2087-2 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-536	1	1	Camshaft Bushing	FOR ALL EARLY MODEL STANDARD FORGE and KERSHAW AXLES For early model Standard Forge and Kershaw axles. Half kit, only services one wheel end. Full kit is E-2087.
E-654	2	2	Camshaft Seal	
E-1416A	3	2	Camshaft Seal	
E-656	4	1	Camshaft "D" Washer	
E-719	5	1	Camshaft Spacer Washer	
E-580	6	1	Camshaft Spacer Washer	
E-526	7	2	Camshaft Lock Ring	
E-759	8	1	Camshaft Spider Bushing	

E-2088A FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2380	1	2	Camshaft Outer Bushing	FOR LATE MODEL MERITOR P SERIES TRAILER BRAKES For late model Meritor P series trailer axle brakes with 1-1/2" camshaft journal. Contains lock rings for camshafts with narrow or wide grooves.
E-1271	2	2	Camshaft Inner Bushing	
E-1272	3	2	Camshaft Seal	
E-1318A	4	2	Camshaft Support Bracket	
E-564	5	8	Camshaft Spacer Washer	
E-526	6	4	Camshaft Lock Ring	
E-1416	7	2	Camshaft Seal	
E-4736	8	2	Camshaft Lock Ring	

E-2088AHD FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2380	1	2	Camshaft Outer Bushing	FOR LATE MODEL MERITOR P SERIES TRAILER BRAKES For late model Meritor P series trailer axle brakes with 1-1/2" camshaft journal. Contains lock rings for camshafts with narrow or wide grooves. Contains E-1318AHD heavy-duty support assembly.
E-1271	2	2	Camshaft Inner Bushing	
E-1272	3	2	Camshaft Seal	
E-1318AHD	4	2	Camshaft Support Bracket	
E-564	5	8	Camshaft Spacer Washer	
E-526	6	4	Camshaft Lock Ring	
E-1416	7	2	Camshaft Seal	
E-4736	8	2	Camshaft Lock Ring	

E-2088AHD-2 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2380	1	1	Camshaft Outer Bushing	FOR LATE MODEL MERITOR P SERIES TRAILER BRAKES For late model Meritor P series trailer axle brakes with 1-1/2" camshaft journal. Contains lock rings for camshafts with narrow or wide grooves. Contains E-1318AHD heavy-duty support assembly. Half kit, only services one wheel end. Full kit is E-2088AHD.
E-1271	2	1	Camshaft Inner Bushing	
E-1272	3	1	Camshaft Seal	
E-1318AHD	4	1	Camshaft Support Bracket	
E-564	5	4	Camshaft Spacer Washer	
E-526	6	2	Camshaft Lock Ring	
E-1416	7	1	Camshaft Seal	
E-4736	8	1	Camshaft Lock Ring	

E-2089 FOR 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
		E-536	1	2	Camshaft Bushing
	E-1385	2	2	Camshaft Bushing	
	E-654	3	4	Camshaft Seal	
	E-580	4	8	Camshaft Spacer Washer	
	E-656	5	2	Camshaft "D" Washer	
	E-1569	6	2	Camshaft Lock Ring	
	E-526	7	2	Camshaft Lock Ring	

E-2090 FOR 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
		E-1567	1	4	Camshaft Spider Bushing
	E-1577A	2	2	Camshaft Bushing	
	E-580	3	2	Camshaft Spacer Washer	
	E-1565	4	6	Camshaft Spacer Washer	
	E-1569	5	2	Camshaft Lock Ring	
	E-526	6	2	Camshaft Lock Ring	
	E-801	7	2	Lock Ring	

E-2090-2 FOR 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
		E-1567	1	2	Camshaft Spider Bushing
	E-1577A	2	1	Camshaft Bushing	
	E-580	3	1	Camshaft Spacer Washer	
	E-1565	4	3	Camshaft Spacer Washer	
	E-1569	5	1	Camshaft Lock Ring	
	E-526	6	1	Camshaft Lock Ring	
	E-801	7	1	Lock Ring	

E-2122 FOR 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
		E-1567	1	4	Camshaft Spider Bushing
	E-1571	2	2	Camshaft Bushing	
	E-580	3	2	Camshaft Spacer Washer	
	E-1565	4	6	Camshaft Spacer Washer	
	E-1569	5	2	Camshaft Lock Ring	
	E-526	6	2	Camshaft Lock Ring	
	E-801	7	2	Lock Ring	

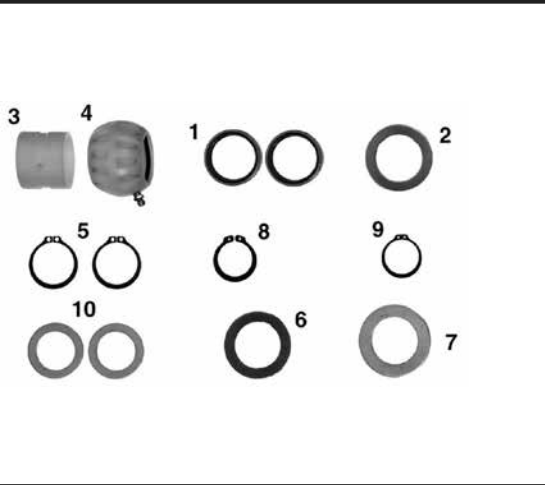
CAMSHAFTS

E-2122-2 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-1567	1	2	Camshaft Spider Bushing	FOR EARLY MODEL FRUEHAUF PRO-PAR® AXLES For early model Fruehauf Pro-Par axles with outboard bushings and 1-5/8" camshaft journals. Half kit, only services one wheel end. Full kit is E-2122.
E-1571	2	1	Camshaft Bushing	
E-580	3	1	Camshaft Spacer Washer	
E-1565	4	3	Camshaft Spacer Washer	
E-1569	5	1	Camshaft Lock Ring	
E-526	6	1	Camshaft Lock Ring	
E-801	7	1	Lock Ring	

E-2123 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-536	1	2	Camshaft Bushing	FOR EATON (SHULER) 22L and 23L 5" SQUARE AXLE For Eaton (Shuler) 22L or 23L 5" square axles. Also for late model C-Series 5" round axles
E-1385	2	2	Camshaft Bushing	
E-1416	3	4	Camshaft Seal	
E-580	4	8	Camshaft Spacer Washer	
E-1569	5	2	Camshaft Lock Ring	
E-526	6	2	Camshaft Lock Ring	

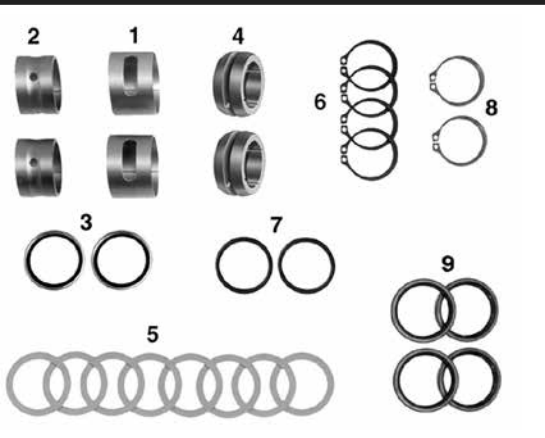
E-2287 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-1416A	1	4	Camshaft Seal	FOR SPICER and STANDARD FORGE LATE MODEL A-17S, A-19S, A22-S AXLES For Spicer and Standard forge late model A-17S, A-19S, A-22S axles with weld-on spiders
E-719	2	2	Camshaft Spacer Washer	
E-759	3	2	Camshaft Spider Bushing	
E-2102	4	2	Camshaft Bushing	
E-526	5	4	Camshaft Lock Ring	
E-2409	6	2	Camshaft Spacer Washer	
E-580	7	2	Camshaft Spacer Washer	
E-5093	8	2	Camshaft Lock Ring	
E-801	9	2	Lock Ring	
E-1113	10	4	Washer	

E-2287-2 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-1416A	1	2	Camshaft Seal	FOR SPICER and STANDARD FORGE LATE MODEL A-17S, A-19S, A22-S AXLES For Spicer and Standard forge late model A-17S, A-19S, A-22S axles with weld-on spiders. Half kit, only services one wheel end. Full kit is E-2287.
E-719	2	1	Camshaft Spacer Washer	
E-759	3	1	Camshaft Spider Bushing	
E-2102	4	1	Camshaft Bushing	
E-526	5	2	Camshaft Lock Ring	
E-2409	6	1	Camshaft Spacer Washer	
E-580	7	1	Camshaft Spacer Washer	
E-5093	8	1	Camshaft Lock Ring	
E-801	9	1	Lock Ring	
E-1113	10	2	Washer	

E-2363 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2380	1	2	Camshaft Outer Bushing	FOR LATE MODEL MERITOR P SERIES TRAILER BRAKES With 1-1/2" Dia. Camshafts. Contains Lock Rings for Camshafts with narrow or wide grooves.
E-1271	2	2	Camshaft Inner Bushing	
E-1272	3	2	Camshaft Seal	
E-2361	4	2	Camshaft Bushing	
E-564	5	8	Camshaft Spacer Washer	
E-526	6	4	Camshaft Lock Ring	
E-1416	7	2	Camshaft Seal	
E-4736	8	2	Camshaft Lock Ring	
E-1314	9	4	Camshaft Seal	

E-2382 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-564	1	2	Camshaft Spacer Washer	FOR LATE MODEL MERITOR 4000-6000 SERIES TRAILER AXLES For late model Meritor 4000-6000 series trailer axles with 1-5/8" camshaft journal.
E-2361	2	2	Camshaft Bushing	
E-801	3	2	Lock Ring	
E-2405	4	2	Camshaft Seal	
E-2406	5	2	Camshaft Seal	
E-2407	6	2	Camshaft Outer Bushing	
E-2408	7	2	Camshaft Inner Bushing	
E-1569	8	2	Camshaft Lock Ring	
E-1113	9	2	Washer	
E-2411A	10	4	Camshaft Spacer Washer	
E-5093	11	2	Camshaft Lock Ring	
E-1314	12	4	Camshaft Seal	

E-2679A FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2551	1	2	Camshaft Bushing	FOR MERITOR P SERIES TRAILER BRAKES For later Meritor P series axles using E-1318A bushing assembly. Use one-piece green spider bushing in place of E-943 two-piece split bushing
E-1318A	2	2	Camshaft Support Bracket	
E-1272	3	2	Camshaft Seal	
E-564	4	8	Camshaft Spacer Washer	
E-526	5	4	Camshaft Lock Ring	
E-654	6	2	Camshaft Seal	
E-4736	7	2	Camshaft Lock Ring	

E-2679AHD FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2551	1	2	Camshaft Bushing	FOR MERITOR P SERIES TRAILER BRAKES For later Meritor P series axles using E-1318AHD bushing assembly. Use one-piece green spider bushing in place of E-943 two-piece split bushing. Contains lock rings for camshafts with narrow or wide grooves.
E-1318AHD	2	2	Camshaft Support Bracket	
E-1272	3	2	Camshaft Seal	
E-564	4	8	Camshaft Spacer Washer	
E-526	5	4	Camshaft Lock Ring	
E-654	6	2	Camshaft Seal	
E-4736	7	2	Camshaft Lock Ring	

E-2680 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-807	1	2	Bronze Camshaft Bushing	FOR SPICER (DANA) AXLE For Spicer (Dana) axle with spherical camshaft bushings
E-1416	2	4	Camshaft Seal	
E-656	3	2	Camshaft "D" Washer	
E-719	4	2	Camshaft Spacer Washer	
E-580	5	2	Camshaft Spacer Washer	
E-526	6	4	Camshaft Lock Ring	
E-2517	7	2	Camshaft Bushing	
E-1314	8	4	Camshaft Seal	
E-5093	9	2	Camshaft Lock Ring	

E-2680-2 FOR 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-807	1	1	Bronze Camshaft Bushing	FOR SPICER (DANA) AXLE With Spherical Cam Bushings. Half kit includes exactly half of Kit E-2680 for one wheel end.
	E-1416	2	2	Camshaft Seal	
	E-656	3	1	Camshaft "D" Washer	
	E-719	4	1	Camshaft Spacer Washer	
	E-580	5	1	Camshaft Spacer Washer	
	E-526	6	2	Camshaft Lock Ring	
	E-2517	7	1	Camshaft Bushing	
	E-1314	8	2	Camshaft Seal	
	E-5093	9	1	Camshaft Lock Ring	

E-2696A FOR 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-2695	1	2	Camshaft Bushing	FOR LATE MODEL EATON TRAILER AXLE For late model Eaton trailer axles with 501 series or ES brakes with long life camshaft support bushings
	E-1565	2	4	Camshaft Spacer Washer	
	E-580	3	4	Camshaft Spacer Washer	
	E-2405	4	4	Camshaft Seal	
	E-2690A	5	2	Camshaft Bushing	
	E-1569	6	2	Camshaft Lock Ring	
	E-526	7	2	Camshaft Lock Ring	
	E-801	8	2	Lock Ring	
	E-5137	9	2	Camshaft Spacer Washer	

E-2696A-2 FOR 16-1/2" DIA. CAM BRAKES

	EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-2695	1	1	Camshaft Bushing	FOR LATE MODEL EATON TRAILER AXLE For late model Eaton trailer axles with 501 series or ES brakes with long life camshaft support bushings. Half kit, only services one wheel end. Full Kit is E-2696A.
	E-1565	2	2	Camshaft Spacer Washer	
	E-580	3	2	Camshaft Spacer Washer	
	E-2405	4	2	Camshaft Seal	
	E-2690A	5	1	Camshaft Bushing	
	E-1569	6	1	Camshaft Lock Ring	
	E-526	7	1	Camshaft Lock Ring	
	E-801	8	1	Lock Ring	
	E-5137	9	1	Camshaft Spacer Washer	

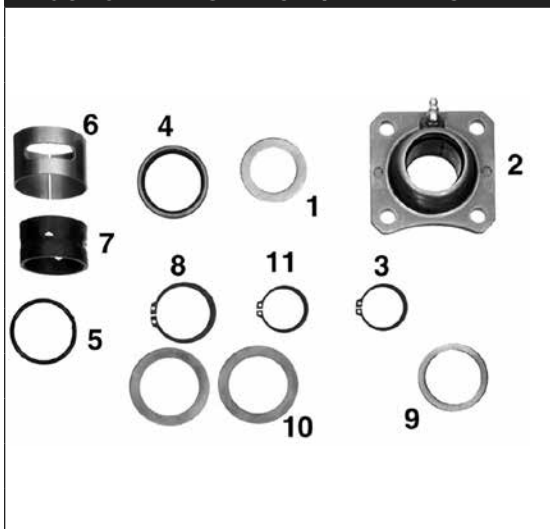
CAMSHAFTS

E-3520A FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-564	1	2	Camshaft Spacer Washer	FOR LATE MODEL MERITOR 4000-6000 SERIES TRAILER AXLES For late model Meritor 4000-6000 series trailer axles with 1-5/8" camshaft journal. Also used for 12-1/4" Meritor Q brakes. Contains lock rings for camshafts with narrow or wide grooves.
E-1318A	2	2	Camshaft Support Bracket	
E-801	3	2	Lock Ring	
E-2405	4	2	Camshaft Seal	
E-2406	5	2	Camshaft Seal	
E-2407	6	2	Camshaft Outer Bushing	
E-2408	7	2	Camshaft Inner Bushing	
E-1569	8	2	Camshaft Lock Ring	
E-1113	9	2	Washer	
E-2411A	10	4	Camshaft Spacer Washer	
E-5093	11	2	Camshaft Lock Ring	

E-3520A-2 FOR 16-1/2" DIA. CAM BRAKES



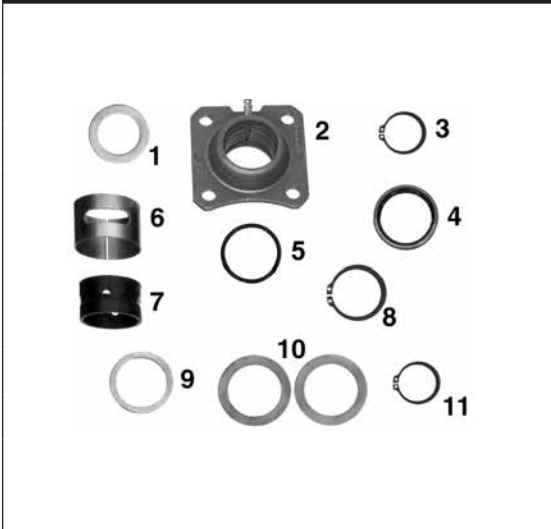
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-564	1	1	Camshaft Spacer Washer	FOR LATE MODEL MERITOR 4000-6000 SERIES TRAILER AXLES For late model Meritor 4000-6000 series trailer axles with 1-5/8" camshaft journal. Also used for 12-1/4" Meritor Q brakes. Contains lock rings for camshafts with narrow or wide grooves. Half kit, only services one wheel end. Full kit is E-3520A.
E-1318A	2	1	Camshaft Support Bracket	
E-801	3	1	Lock Ring	
E-2405	4	1	Camshaft Seal	
E-2406	5	1	Camshaft Seal	
E-2407	6	1	Camshaft Outer Bushing	
E-2408	7	1	Camshaft Inner Bushing	
E-1569	8	1	Camshaft Lock Ring	
E-1113	9	1	Washer	
E-2411A	10	2	Camshaft Spacer Washer	
E-5093	11	1	Camshaft Lock Ring	

E-3520AHD FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-564	1	2	Camshaft Spacer Washer	FOR LATE MODEL MERITOR 4000-6000 SERIES TRAILER AXLES For late model Meritor 4000-6000 series trailer axles with 1-5/8" camshaft journal. Also used for 12-1/4" Meritor Q brakes. Contains E-1318AHD heavy-duty support assembly. Contains lock rings for camshafts with narrow or wide grooves.
E-1318AHD	2	2	Camshaft Support Bracket	
E-801	3	2	Lock Ring	
E-2405	4	2	Camshaft Seal	
E-2406	5	2	Camshaft Seal	
E-2407	6	2	Camshaft Outer Bushing	
E-2408	7	2	Camshaft Inner Bushing	
E-1569	8	2	Camshaft Lock Ring	
E-1113	9	2	Washer	
E-2411A	10	4	Camshaft Spacer Washer	
E-5093	11	2	Camshaft Lock Ring	

E-3520AHD-2 FOR 16-1/2" DIA. CAM BRAKES



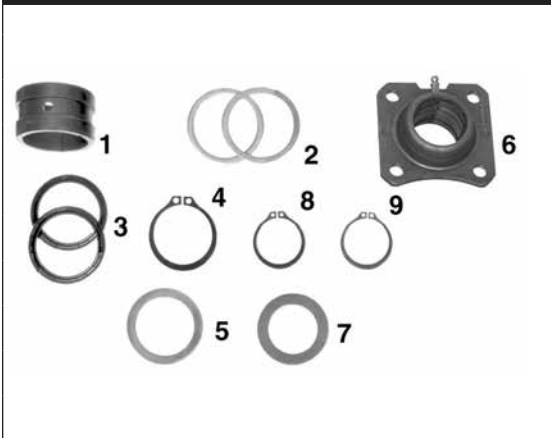
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-564	1	1	Camshaft Spacer Washer	FOR LATE MODEL MERITOR 4000-6000 SERIES TRAILER AXLES With 1-5/8" Dia. Camshafts. Also used for 12-1/4" Q Brakes. Contains Lock Rings for Camshafts w/ narrow or wide grooves. Same as E-3520A-2 exc. contains E-1318AHD Heavy-Duty Support Assy. Half kit incl exactly half of Kit E-3520A for one wheel end
E-1318AHD	2	1	Camshaft Support Bracket	
E-801	3	1	Lock Ring	
E-2405	4	1	Camshaft Seal	
E-2406	5	1	Camshaft Seal	
E-2407	6	1	Camshaft Outer Bushing	
E-2408	7	1	Camshaft Inner Bushing	
E-1569	8	1	Camshaft Lock Ring	
E-1113	9	1	Washer	
E-2411A	10	2	Camshaft Spacer Washer	
E-5093	11	1	Camshaft Lock Ring	

E-3989AHD FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2690A	1	2	Camshaft Bushing	FOR LATE MODEL MERITOR 4000-6000 SERIES TRAILER AXLES For late model Meritor 4000-6000 series trailer axles with 1-5/8" camshaft journal. Contains E-1318AHD heavy-duty support assembly. Contains lock rings for camshafts with narrow or wide grooves. Alternate for E-3520AHD.
E-2411A	2	4	Camshaft Spacer Washer	
E-3991	3	4	Camshaft Seal	
E-1569	4	2	Camshaft Lock Ring	
E-564	5	2	Camshaft Spacer Washer	
E-1318AHD	6	2	Camshaft Support Bracket	
E-1113	7	2	Washer	
E-801	8	2	Lock Ring	
E-5093	9	2	Camshaft Lock Ring	

E-3989AHD-2 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-2690A	1	1	Camshaft Bushing	FOR LATE MODEL MERITOR 4000-6000 SERIES TRAILER AXLES For late model Meritor 4000-6000 series trailer axles with 1-5/8" camshaft journal. Contains E-1318AHD heavy-duty support assembly. Contains lock rings for camshafts with narrow or wide grooves. Alternate for E-3520AHD. Half kit, only services one wheel end. Full kit is E-3989AHD.
E-2411A	2	2	Camshaft Spacer Washer	
E-3991	3	2	Camshaft Seal	
E-1569	4	1	Camshaft Lock Ring	
E-564	5	1	Camshaft Spacer Washer	
E-1318AHD	6	1	Camshaft Support Bracket	
E-1113	7	1	Washer	
E-801	8	1	Lock Ring	
E-5093	9	1	Camshaft Lock Ring	

E-5094A FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-5093	1	2	Camshaft Lock Ring	FOR MACK WITH MERITOR Q BRAKE WITH 50,000 LB. REAR AXLE For Mack 50,000 lbs. drive axle with Meritor Q brakes. Contains new style E-5512 moly-impregnated spider bushing.
E-1113	2	2	Washer	
E-5095	3	2	Camshaft Spacer Washer	
E-654	4	4	Camshaft Seal	
E-5512	5	4	Camshaft Bushing	
E-3859	6	2	Camshaft Seal	

E-5513 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-5512	1	4	Camshaft Bushing	FOR MERITOR DRIVE AXLES WITH 16-1/2" Q or Q+ BRAKES Services two camshaft tube enclosures
E-654	2	4	Camshaft Seal	

E-6078 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-6076	1	1	Camshaft Bushing	FOR MERITOR TRAILER AXLES WITH FABRICATED SPIDERS For Meritor trailer axles with fabricated spiders. Half kit, only services one wheel-end/spider. Full kits is E-6078.
E-6077	2	1	Camshaft Washer	
E-2405	3	2	Camshaft Seal	
NSS*	4	4	Screw	
E-9077	5	1	Camshaft Lock Ring	
E-9072	6	1	Camshaft Spacer Washer	

E-9053 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-536	1	2	Camshaft Bushing	FOR EATON ES SEVERE SERVICE DRIVE AXLE BRAKES For Eaton ES severe service drive axle brakes
E-667	2	2	Bronze Camshaft Bushing	
E-1416	3	4	Camshaft Seal	
E-580	4	4	Camshaft Spacer Washer	
E-1781	5	2	Camshaft Spacer Washer	
E-1782	6	2	Camshaft Spacer Washer	
E-3234	7	2	Camshaft Snap Ring	

*Not Sold Separately

E-9078 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-6080	1	2	Camshaft Bushing	FOR MERITOR Q AND Q+ TRAILER AXLE BRAKES WITH PRESS-IN POWDERED METAL SPIDER BUSHING
E-1318A	2	2	Camshaft Support Bracket	
E-2405	3	4	Camshaft Seal	
E-2411A	4	4	Camshaft Spacer Washer	For Meritor Q or Q+ trailer axle brakes with press-in powdered metal spider bushing. Contains enough parts to service forged or fabricated brake spiders and camshafts with either 1-25/32" or 2-5/64" camshaft journal.
E-9073	5	2	Camshaft Head Washer	
E-1113	6	4	Washer	
E-564	7	2	Camshaft Spacer Washer	
E-9074	8	2	Camshaft Spacer Washer	
E-9075	9	2	Camshaft Spacer Washer	
E-5093	10	2	Camshaft Lock Ring	
E-1569	11	2	Camshaft Lock Ring	
E-9077	12	2	Camshaft Lock Ring	
E-801	13	2	Lock Ring	

CAMSHAFTS

E-9078HD FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-6080	1	2	Camshaft Bushing	FOR MERITOR Q AND Q+ TRAILER AXLE BRAKES WITH PRESS-IN POWDERED METAL SPIDER BUSHING
E-1318AHD	2	2	Camshaft Support Bracket	
E-2405	3	4	Camshaft Seal	
E-2411A	4	4	Camshaft Spacer Washer	For Meritor Q or Q+ trailer axle brakes with press-in powdered metal spider bushing. Contains enough parts to service forged or fabricated brake spiders and camshafts with either 1-25/32" or 2-5/64" camshaft journal. Contains E-1318AHD heavy-duty support assembly.
E-9073	5	2	Camshaft Head Washer	
E-1113	6	4	Washer	
E-564	7	2	Camshaft Spacer Washer	
E-9074	8	2	Camshaft Spacer Washer	
E-9075	9	2	Camshaft Spacer Washer	
E-5093	10	2	Camshaft Lock Ring	
E-1569	11	2	Camshaft Lock Ring	
E-9077	12	2	Camshaft Lock Ring	
E-801	13	2	Lock Ring	

*Not Sold Separately

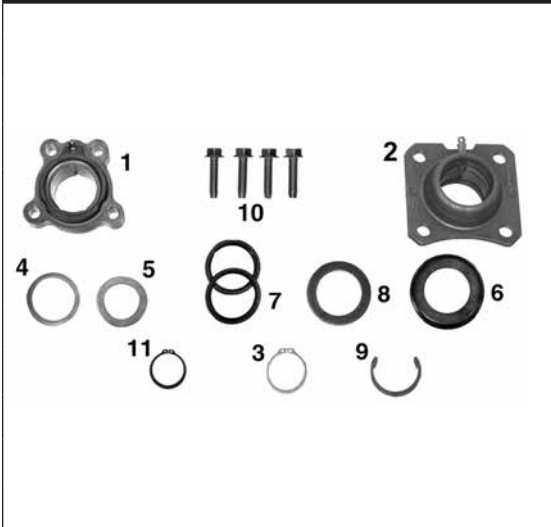
E-9078HD-2 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-6080	1	1	Camshaft Bushing	FOR MERITOR Q AND Q+ TRAILER AXLE BRAKES WITH PRESS-IN POWDERED METAL SPIDER BUSHING
E-1318AHD	2	1	Camshaft Support Bracket	
E-2405	3	2	Camshaft Seal	
E-2411A	4	2	Camshaft Spacer Washer	
E-9073	5	1	Camshaft Head Washer	For Meritor Q or Q+ trailer axle brakes with press-in powdered metal spider bushing. Contains enough parts to service forged or fabricated brake spiders and camshafts with either 1-25/32" or 2-5/64" camshaft journal. Contains E-1318AHD heavy-duty support assembly. Half kit, only services one wheel end. Full kit is E-9078HD.
E-1113	6	2	Washer	
E-564	7	1	Camshaft Spacer Washer	
E-9074	8	1	Camshaft Spacer Washer	
E-9075	9	1	Camshaft Spacer Washer	
E-5093	10	1	Camshaft Lock Ring	
E-1569	11	1	Camshaft Lock Ring	
E-9077	12	1	Camshaft Lock Ring	
E-801	13	1	Lock Ring	

E-9079 FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-6076	1	2	Camshaft Bushing	FOR MERITOR Q AND Q+ TRAILER AXLE BRAKES WITH BOLT-ON POWDERED METAL SPIDER BUSHING ON FABRICATED SPIDERS
E-1318A	2	2	Camshaft Support Bracket	
E-5093	3	2	Camshaft Lock Ring	For Meritor Q or Q+ trailer axle brakes with bolt-on powdered metal spider bushing on fabricated spiders.
E-1113	4	2	Washer	
E-564	5	2	Camshaft Spacer Washer	
E-6077	6	2	Camshaft Washer	
E-2405	7	4	Camshaft Seal	
E-9072	8	2	Camshaft Spacer Washer	
E-9077	9	2	Camshaft Lock Ring	
NSS*	10	8	Screw	
E-801	11	2	Lock Ring	

E-9079HD FOR 16-1/2" DIA. CAM BRAKES				
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-6076	1	2	Camshaft Bushing	FOR MERITOR Q AND Q+ TRAILER AXLE BRAKES WITH BOLT-ON POWDERED METAL SPIDER BUSHING ON FABRICATED SPIDERS
E-1318AHD	2	2	Camshaft Support Bracket	
E-5093	3	2	Camshaft Lock Ring	For Meritor Q or Q+ trailer axle brakes with bolt-on powdered metal spider bushing on fabricated spiders. Contains E-1318AHD heavy-duty support assembly.
E-1113	4	2	Washer	
E-564	5	2	Camshaft Spacer Washer	
E-6077	6	2	Camshaft Washer	
E-2405	7	4	Camshaft Seal	
E-9072	8	2	Camshaft Spacer Washer	
E-9077	9	2	Camshaft Lock Ring	
NSS*	10	8	Screw	
E-801	11	2	Lock Ring	

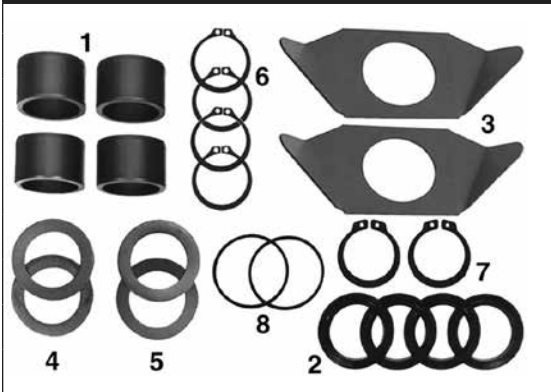
*Not Sold Separately

E-9079HD-2 FOR 16-1/2" DIA. CAM BRAKES



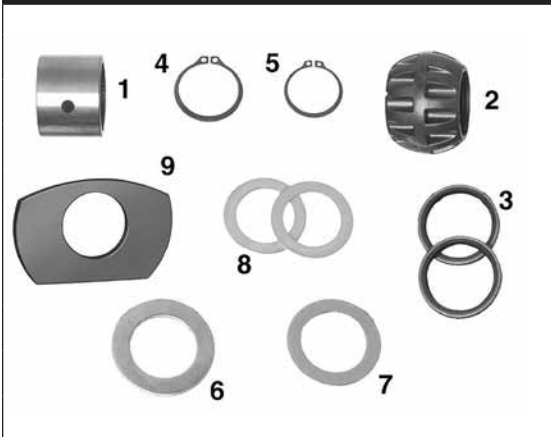
EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-6076	1	1	Camshaft Bushing	FOR MERITOR Q AND Q+ TRAILER AXLE BRAKES WITH BOLT-ON POWDERED METAL SPIDER BUSHING ON FABRICATED SPIDERS
E-1318AHD	2	1	Camshaft Support Bracket	
E-5093	3	1	Camshaft Lock Ring	
E-1113	4	1	Washer	For Meritor Q or Q+ trailer axle brakes with bolt-on powdered metal spider bushing on fabricated spiders. Contains E-1318AHD heavy-duty support assembly. Half kit, only services one wheel end. Full kits is E-9079HD.
E-564	5	1	Camshaft Spacer Washer	
E-6077	6	1	Camshaft Washer	
E-2405	7	2	Camshaft Seal	
E-9072	8	1	Camshaft Spacer Washer	
E-9077	9	1	Camshaft Lock Ring	
NSS*	10	4	Screw	
E-801	11	1	Lock Ring	

E-9080 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-5512	1	4	Camshaft Bushing	FOR MERITOR P and Q DRIVE AXLE BRAKES WITH 2-1/2" SPIDER OFFSET
E-654	2	4	Camshaft Seal	
E-9071	3	2	Camshaft Head Washer	For Meritor P or Q drive axle brakes with 2-1/2" spider offset. Contains new style E-5512 moly-impregnated spider bushing. Contains lock rings for camshafts with narrow or wide grooves. Commonly found on Mack Trucks.
E-580	4	2	Camshaft Spacer Washer	
E-581	5	2	Camshaft Spacer Washer	
E-526	6	4	Camshaft Lock Ring	
E-4736	7	2	Camshaft Lock Ring	
E-3859	8	2	Camshaft Seal	

E-9790A-2 FOR 16-1/2" DIA. CAM BRAKES



EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
E-9789	1	1	Camshaft Bushing	FOR SPICER (DANA) 16-1/2" BRAKE WITH 1-5/8" CAM JOURNAL
E-9792A	2	1	Camshaft Bushing	
E-2405	3	2	Camshaft Seal	For 12-1/4" or 16-1/2" brakes with 1-5/8" camshaft journal. Same as E-9790A except contains cam support brackets. Half kit, only services one wheel end. Full kit is E-9790A.
E-1569	4	1	Camshaft Lock Ring	
E-801	5	1	Lock Ring	
E-10800	6	1	Cam Washer	
E-580	7	1	Camshaft Spacer Washer	
E-1113	8	2	Washer	
E-10801	9	1	Cam Washer	

*Not Sold Separately

E-9791 FOR 16-1/2" DIA. CAM BRAKES







				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-807	1	2	Bronze Camshaft Bushing	FOR HENDRICKSON INTRAAX® 16-1/2" BRAKE For 1-7/8" bushing and seal outer diameter.			
	E-1318A	2	2	Camshaft Support Bracket				
	E-564	3	8	Camshaft Spacer Washer				
	E-1416	4	4	Camshaft Seal				
	E-801	5	2	Lock Ring				
	E-2720	6	2	Camshaft Lock Ring				
	E-656	7	2	Camshaft "D" Washer				
	E-1113	8	2	Washer				
	E-719	9	4	Camshaft Spacer Washer				

E-9791HD FOR 16-1/2" DIA. CAM BRAKES

				EUCLID NO.	ITEM	QTY.	DESCRIPTION	APPLICATION & GENERAL INFO.
	E-807	1	2	Bronze Camshaft Bushing	FOR HENDRICKSON INTRAAX® 16-1/2" BRAKE For 1-7/8" bushing and seal outer diameter. Contains E- 1318AHD heavy-duty support assembly.			
	E-1318AHD	2	2	Camshaft Support Bracket				
	E-564	3	8	Camshaft Spacer Washer				
	E-1416	4	4	Camshaft Seal				
	E-801	5	2	Lock Ring				
	E-2720	6	2	Camshaft Lock Ring				
	E-656	7	2	Camshaft "D" Washer				
	E-1113	8	2	Washer				
	E-719	9	4	Camshaft Spacer Washer				

CAMSHAFT SUPPORT BRACKETS

CAMSHAFTS

	EUCLID NO.	LOCATION	GENERAL INFORMATION
	E-11445	Left Hand	CAMSHAFT SUPPORT BUSHING ASSEMBLY WITH GREASABLE BUSHING
	E-11446	Right Hand	CAMSHAFT SUPPORT BUSHING ASSEMBLY WITH GREASABLE BUSHING
	E-1319A		<p>FOR MERITOR PAYMASTER AXLE RL and RN MODELS and LATE MODEL TK, TKL, TKD</p> <p>Use with E-1318A or E-1318AHD. Includes mounting screws.</p>
	E-2103		<p>FOR SPICER AND STD. FORGE 12-1/4" DIA. BRAKES</p> <p>Includes: E-2102 Bushing</p>
	E-2104		<p>FOR SPICER AND STD. FORGE 16-1/2" DIA. BRAKES</p> <p>Includes: E-2102 Bushing. For Retainer Plates only, order E-2365</p>
	E-2477B		<p>FOR MERITOR 5" ROUND AXLES WITH 16-1/2" DIA. BRAKES</p> <p>Use with E-1318A or E-1318AHD. Includes mounting screws.</p>

CAMSHAFT SUPPORT BRACKETS

Brake and
Wheel End

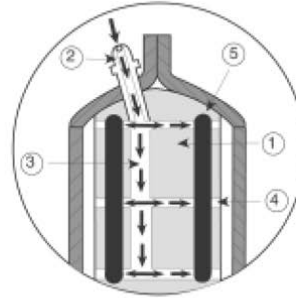
	EUCLID NO.	LOCATION	GENERAL INFORMATION
	E-603		<p>FOR EARLY MODEL MERITOR AXLES</p> <p>Use with E-535 Nylon Bushing</p>
	E-9785A	Left Hand	<p>FOR SPICER (DANA) 5" ROUND AXLE WITH 12-1/4" DIA. BRAKES</p> <p>Equipped with Zerk Fitting</p>
	E-9786A	Right Hand	<p>FOR SPICER (DANA) 5" ROUND AXLE WITH 12-1/4" DIA. BRAKES</p> <p>Equipped with Zerk Fitting</p>
	E-9787A	Left Hand	<p>FOR SPICER (DANA) 5" ROUND AXLE WITH 16-1/2" DIA. BRAKES</p> <p>Equipped with Zerk Fitting</p>
	E-9788A	Right Hand	<p>FOR SPICER (DANA) 5" ROUND AXLE WITH 16-1/2" DIA. BRAKES</p> <p>Equipped with Zerk Fitting</p>

CAMSHAFTS

Recommended Replacement for Euclid E-1318A



- ✓ **ADVANCED DESIGN — FOR EXTENDED LIFE BRAKES**
- ✓ **EXTENDS CAMSHAFT LENGTH OF SERVICE!**
- ✓ **EUCLID ENGINEERED — PATENT**



E-1318AHD
"Heavy-Duty" — Long Life




KEY	FEATURE	BENEFIT
1	Bushing is made from molybdenum disulfide impregnated material.	Holds grease better, longer and provides a surface that has greater lubricity.
2	Grease fitting extends directly to inside diameter of the bushing.	Positive greasing action! Grease flows directly to camshaft surface. Only two pumps with a grease gun lubricate this bushing.
3	Wide grease-following groove around the inside diameter of the bushing.	Carries grease completely around the camshaft surface. Camshaft journals do not run "dry", extending camshaft life.
4	Lateral grooves help distribute grease.	Positive greasing action.
5	O-rings installed in grooves inside the bushing.	Seals grease in and contaminants out! Entire assembly lasts longer. Lowers costs and downtime.

	EUCLID NO.	APPLICATION
	E-1318A	Original OEM style Bushing Assembly. Replacement Bushing is E-2361

	EUCLID NO.	APPLICATION
	E-4586	For 16-1/2" Brakes. Used in E-4594 Bracket Assembly
	E-4587	For 16-1/2" and 12-1/4" Brakes. Sold as Set Only. Includes One of each Retainer Plate. Bushing not included.

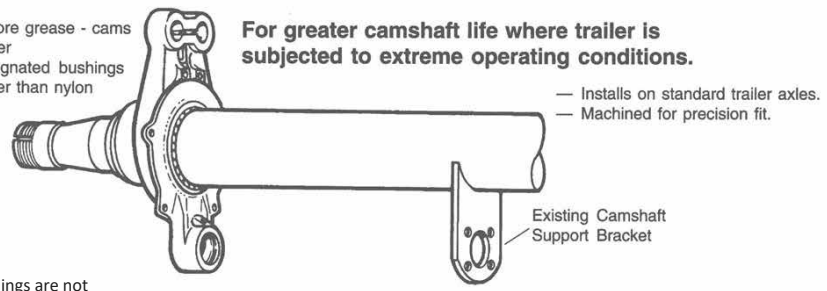
	EUCLID NO.	APPLICATION	KIT INCLUDES
	E-4593	For 12-1/4" Brakes	Includes: 1 pc. E-4585 Bracket (not sold separately); 1 pc. E-4587 Plate Set; 1 pc. E-1577A Bushing
	E-4594	For 16-1/2" Brakes. Can Be Assembled as Right or Left	Includes: 1 pc. E-4586 Bracket; 1 pc. E-4587 Plate Set; 1 pc. E-1577A Bushing

	EUCLID NO.	DESCRIPTION
	E-5476	Cam Support Bracket and Bushing for K-B Axle 16-1/2" from Flange to End of Bushing

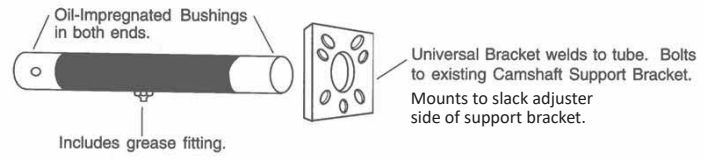
CAMSHAFT TUBE ENCLOSURES FOR TRAILERS

- Holds more grease - cams last longer
- Oil-impregnated bushings last longer than nylon

For greater camshaft life where trailer is subjected to extreme operating conditions.



Note: Bushings are not replaceable.




TUBE ENCLOSURES



CAMSHAFTS

SPIDER END I.D.	SUPPORT END I.D.	TUBE OAL	TUBE O.D.	CAM LENGTH	EUCLID NO.	CAM APPLICATION	
1-1/2"	1-1/2"	14-3/4"	1-7/8"	17-5/16"	E-9591	For Meritor, Dana axles	
		16"		18-5/8"	E-9593	For Meritor, Dana, IMT- Eaton axles	
		17-3/4"		20-3/8"	E-4737A	For standard 1-1/2" dia. camshaft	
		18-1/2"		21-1/8"	E-9597	For Dana axles with 12-1/4" brake	
		18-1/4"		21-1/2"	E-10934	For Dana axles with 12-1/4" brake	
		19-5/16"		22-1/16"	E-10932	For Dana axles with 16-1/2" brake	
		20-1/4"		23-1/4"	E-10933	For Dana axles with 12-1/4" brake	
		20-1/2"		23-1/4"	E-9596	For Dana axles with 12-1/4" brake and air ride suspension	
		20-3/4"		23-3/4"	E-4738A	For standard 1-1/2" dia. camshafts with air ride suspension	
		21"		23-3/4"	E-9594	For Dana axles with Chalmers air ride	
		23-1/2"		26-1/2"	E-10936	For Dana axles with 12-1/4" brake	
		23-33/64"		26-5/8"	E-9590	For Standard Forge - IMT with air ride suspension	
		23-7/8"		26-1/4"	E-9592	For Dana wide track axles with air ride suspension	
		26-1/16"		26-1/16"	E-10937	For Dana axles with 16-1/2" brake	
1-5/8"	1-1/2"	14-13/16"	2"	17-5/16"	E-5242A	For Meritor axles	
		17"		19-1/2"	E-9601	For Eaton axles	
		17-5/8"		20-5/8"	E-10939	For Dana axles with 16-1/2" brake	
		18"		20-13/32"	E-5243A	For Meritor axles	
		18-1/2"		21-1/2"	E-10940	For Dana axles with 12-1/4" brake and 1-5/8" journal dia. at head	
		20-1/4"		23-1/4"	E-10942	For Dana axles with 12-1/4" brake and 1-5/8" journal dia. at head	
		20-5/8"		23-5/8"	E-10943	For Dana axles with 16-1/2" brake	
		21"		23-3/4"	E-9602	For Eaton axles with air ride suspension	
		21-3/4"		24"	E-10944	For Dana axles with 16-1/2" brake	
		23-1/2"		24-1/16"	E-5244A	For Meritor axles	
	26-1/2"	26-1/2"	E-10945	For Dana axles with 12-1/4" brake and 1-5/8" journal dia. at head			
	1-5/8"	1-5/8"	13-3/4"	2"	16-1/8"	E-4934A	For Fruehauf axles
			19"		21-1/8"	E-5241A	For Fruehauf axles with air ride suspension
			21-1/8"		23-7/8"	E-5240A	For Fruehauf axles with air ride suspension
1-7/8"	1-1/2"	13-5/8"	2"	17-5/16"	E-9600	For Meritor axles with fabricated spiders and bolt-on bushings	
		16-3/4"		20-13/32"	E-9598	For Meritor axles with fabricated spiders and bolt-on bushings	
		20-1/2"		24-1/16"	E-9599	For Meritor axles with fabricated spiders and bolt-on bushings	
2"	1-1/2"	8-13/16"	2"	11-1/16"	E-11497	For Intraax with 2" spider hole	

	EUCLID NO.	GENERAL INFORMATION
	E-10946	Adapter plate with Haldex adjuster control arm slot for 1-7/8" O.D. cam tube
	E-10947	Adapter plate with Haldex adjuster control arm slot for 2" O.D. cam tube
	E-4739	Universal standard adapter for 1-7/8" O.D. cam tube enclosures
	E-4935	Standard adapter for Fruehauf Pro-Par®, 2" O.D. cam tube enclosures
E-8906	Universal standard adapter for 2" O.D. cam tube enclosures	

CAMSHAFT BUSHINGS

	EUCLID NO.	I.D.	O.D.	LENGTH	BUSHING TYPE	GENERAL INFORMATION
	E-3877	1-1/4"	1-5/8"	1-3/16"	Nylon	
	E-3447	1-1/4"	1-7/8"	1-5/32"	Nylon	For Meritor T Series.
	E-5127	1-1/4"	1-7/8"	1-5/16"	Nylon	For Eaton 15" x 4" Single Anchor Pin Front Brake.
	E-2551	1-1/2"	1-7/8" Tapered	1-23/32"	Nylon	
	E-662	1-1/2"	1-5/8"	1"	Steel	
	E-712	1-1/2"	1-5/8"	1-1/2"	Bronze	

CAMSHAFTS

CAMSHAFT BUSHINGS

	EUCLID NO.	I.D.	O.D.	LENGTH	BUSHING TYPE	GENERAL INFORMATION
	E-1271	1-1/2"	1-3/4"	1-3/16"		Inner bushing for Meritor 5000 Series axles with 1-1/2" diameter camshafts.
	E-943	1-1/2"	1-7/8"			For early model Meritor 500 Series axles. YELLOW half is used on inboard side of spider. WHITE half is used on outboard side of spider. Split bushing. Sold only as a set.
	E-5512	1-1/2"	1-7/8"	1-3/16"	Nylon	
	E-11951	1-1/2"	1-7/8"	1-3/16"		For Meritor 15" and 16-1/2" LX/MX 500 Series Brakes.
	E-536	1-1/2"	1-7/8"	1-1/4"	Nylon	
	E-667	1-1/2"	1-7/8"	1-1/4"	Powder Metal	Powder Metal version of E-536 and E-1364.
	E-759	1-1/2"	1-7/8"	1-1/2"	Nylon	
	E-807	1-1/2"	1-7/8"	1-1/2"	Powder Metal	Powder Metal version of E-759 and E-1365.

CAMSHAFT BUSHINGS

Brake and
Wheel End

	EUCLID NO.	I.D.	O.D.	LENGTH	BUSHING TYPE	GENERAL INFORMATION
	E-602	1-1/2"	1-7/8"	2"	Bronze	Bronze version of E-661.
	E-661	1-1/2"	1-7/8"	2"	Nylon	
	E-11449	1-1/2"	2"	1-1/2"		Bronze. For Hendrickson INTRAAX® 16-1/2" brake.
	E-2361	1-1/2"	2-1/8"	1"	Nylon	NOTE: For use in E-1318A Assembly Only. Do not use in E-1318AHD. Use E-1314 O-Ring on each side.
	E-2517	1-1/2"	2-15/32"	1-1/2"	Nylon	
	E-2102	1-1/2"	2-15/32"	1-3/4"	Nylon	
	E-9792A	1-1/2"	2-15/32"	1-3/4"	Nylon	Greaseless Nylatron version of E-2102.
	E-1385	1-1/2"	2-3/4"	2"	Molybdenum	
	E-2695	1-1/2"	2-3/4"	2-1/2"	Nylon	Eaton 501 Series. Includes 2 E-1416A Seals.

CAMSHAFTS

CAMSHAFT BUSHINGS



CAMSHAFTS

	EUCLID NO.	I.D.	O.D.	LENGTH	BUSHING TYPE	GENERAL INFORMATION
	E-535	1-1/2"	2-3/4"	2-1/2"	Nylon	
	E-1577A	1-19/32"	2-1/2"	1-1/2"	Nylon	
	E-1571	1-19/32"	2-7/8"	2-1/2"		For Pro-Par® Axle
	E-1567	1-5/8"				NOTE: Uses 2 bushings per Spider.
	E-2408	1-5/8"	1-7/8"	1-1/8"		Inner bushing for Meritor 4000-6000 Series 121 axles with 1-5/8" diameter camshafts.
	E-6080	1-5/8"	2"	1"	Powdered metal	Powdered Metal Bushing for Meritor Axles with cast spiders.
	E-2690A	1-5/8"	2"	1-3/16"	Nylon	
	E-9789	1-5/8"	2"	1-1/2"	Bronze	



CAMSHAFT BUSHINGS

Brake and
Wheel End


CAMSHAFTS

	EUCLID NO.	I.D.	O.D.	LENGTH	BUSHING TYPE	GENERAL INFORMATION
	E-2380	1-3/4"	1-7/8"	1-5/16"		Outer bushing for Meritor 5000 Series axles with 1-1/2" diameter camshafts.
	E-2407	1-7/8"	2"	1-5/16"		Outer bushing for Meritor 4000-6000 Series 121 axles with 1-5/8" diameter camshafts.

FOR MERITOR FABRICATED SPIDERS WITH BOLT-ON BUSHING OR WELD-ON BUSHING RETAINER

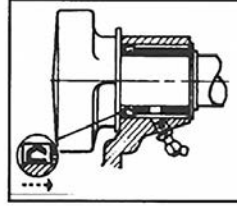
	EUCLID NO.	I.D.	LENGTH	
	E-11952	1-5/8"	1-13/16"	
	E-6076	1-5/8"	1-13/16"	

FOR MERITOR FABRICATED SPIDERS WITH BOLT-ON BUSHING OR WELD-ON BUSHING RETAINER

	EUCLID NO.	I.D.	O.D.	LENGTH	GENERAL INFORMATION
	E-9784	2"	2-3/8"	1-9/16"	For Retrofit on Bolt-on Bushing Spiders. Services one spider. For use with E-2670 bushing assembly or E-6080 powdered metal bushing.

CAMSHAFT SPIDER BUSHINGS KITS

CAMSHAFT SPIDER BUSHING ASSEMBLY INSTALLATION INSTRUCTIONS








Sealing lip of grease seal should be turned toward inside of spider housing at camshaft head.

CAMSHAFTS

EUCLID NO.	INCLUDES	QTY.	DESCRIPTION	GENERAL INFORMATION
E-2291	E-1416 E-2380 E-1271 E-1272	1 1 1 1	Camshaft Seal Camshaft Outer Bushing Camshaft Inner Bushing Camshaft Seal	For Meritor 5000 Series Axles with 1-1/2" Dia. Camshafts
E-2670	E-2405 E-2407 E-2408 E-2406	1 1 1 1	Camshaft Seal Camshaft Outer Bushing Camshaft Inner Bushing Camshaft Seal	Meritor 4000-6000 Series 121 Axles with 1-5/8" Dia. Camshafts







CAMSHAFT SEALS

Brake and
Wheel End

	EUCLID NO.	I.D.	O.D.	THICK	APPLICATION
	E-3878	1-13/16"	1-3/4"	1/4"	For Meritor 15" x 4" Front Brakes
	E-1272	1-13/64"	1-3/4"	1/8"	For Pre-121 Meritor Axles. Use on inboard side of Spider
	E-5128	1-1/4"	1-7/8"	1/16"	For Eaton 15" x 4" Single Anchor Pin Front Brake
	E-3469	1-1/4"	2-1/16"	1/4"	For 1-1/4" Dia. Camshaft
	E-11451	1-1/2"	2"	3/16"	For Hendrickson INTRAAX® 16-1/2" brake.
	E-1416	1-1/2"	1-7/8"	3/16"	For 1-1/2" Dia. Camshafts. Use with Late Model Meritor and Std. Forge Weld-on Spiders
	E-1416A	1-1/2"	1-7/8"	1/4"	Same as E-1416 except 1/4" thick. Cannot be used on Late Model Meritor Axles
	E-1314	1-1/2"	1-29/32"	.21"	For 1-1/2" Dia. Camshaft. Use in E-1318AHD Assembly
	E-2717	1-1/2"	2"	3/16"	For Wagner Drive Axle Brake

CAMSHAFTS

CAMSHAFT SEALS

	EUCLID NO.	I.D.	O.D.	THICK	APPLICATION
	E-654	1-1/2"	2-1/16"	1/4"	For 1-1/2" Dia. Camshaft
	E-10848	1-1/2"	2-19/32"	1/4"	For Type 1 Series Meritor Coach Brakes
	E-2406	1-5/8"	1-7/8"	1/8"	For Meritor 4000-6000 Series Axles. Use on inboard side of Spider
	E-3991	1-5/8"	2"	3/16"	For use with E-2690A Bushing in Meritor Trailer Axle Spiders
	E-2405	1-5/8"	2"	1/4"	For Meritor 4000-6000 Series Axles. Use on cam head side. For Eaton 501 Series Brake
	E-3859	1-7/8"	2-1/16"	1/8"	For outside diameter of Meritor Drive Axle Cam Tubes

CAMSHAFTS


CAMSHAFT SPACER WASHERS

Brake and
Wheel End






	EUCLID NO.	O.D.	I.D.	THICK	PLATING	GENERAL INFORMATION
	E-10851	1-1/2"	17/32"	1/8"	Plated	Use with Meritor Coach 14-1/2"
	E-2733	1-3/4"	1-1/4"	1/8"	Plated	For Wagner Front Axle Brake
	E-5095	1-7/8"	1-1/4"	1/32"	None	Meritor/Mack Q Brakes
	E-1113	1-7/8"	1-17/64"	1/16"	Plated	Anchor Pin Washer for Meritor 4000-6000 Series Axle Spline End
	E-1781	2"	1-9/64"	1/32"	Plated	Used on Eaton Self-Contained Brake
	E-1782	2"	1-9/64"	1/16"	Plated	Used on Eaton Self-Contained Brake
	E-564	2"	1-17/32"	3/64"	Plated	Also used on Meritor RN/RL Series
	E-5138	2-1/4"	1-1/4"	1/32"	Plated	Outer Shim Washer For Eaton 15" x 4" Single Anchor Pin Front Brakes
	E-5137	2-1/4"	1-1/4"	1/16"	Plated	Inner Shim Washer For Eaton 15" x 4" Single Anchor Pin Front Brakes
	E-10845	2-1/4"	1-15/32"	1/32"		Use with Meritor Coach 14-1/2"
	E-581	2-1/4"	1-17/32"	1/32"	Plated	Used on all 1-1/2" dia. Camshafts
	E-580	2-1/4"	1-17/32"	1/16"	Plated	Use on all 1-1/2" dia. Camshafts Including End Washer for Fruehauf Pro-Par® Camshaft
	E-2409	2-1/4"	1-17/32"	3/32"	Plated	For Late Model Std. Forge 12-1/4" Brake and Wagner Front Axle Brake
	E-9074	2-1/4"	1-5/8"	1/32"	None	16-1/2" Q+™ Brakes

CAMSHAFTS

CAMSHAFT SPACER WASHERS









	EUCLID NO.	O.D.	I.D.	THICK	PLATING	GENERAL INFORMATION
	E-2411A	2-1/4"	1-5/8"	1/16"	Plated	For Meritor 4000-6000 Series Axle Cam End
	E-3476	2-3/8"	1-9/32"	1/8"	None	15" x 3-1/2" and 15" x 4" T-Series Type 2 Brakes
	E-3479	2-3/8"	1-1/2"	7/64"	Plated	Late Model Q Brake
	E-9072	2-3/8"	1-5/8"	3/32"	Plated	Inner Washer for E-6076 Bolt-on Bushing
	E-1565	2-3/8"	1-41/64"	1/16"	Plated	For Pro-Par® Axle
	E-3475	2-7/16"	1-9/32"	1/32"	None	15" x 3-1/2" and 15" x 4" T-Series Type 2 Brakes
	E-719	2-7/16"	1-9/16"	1/8"	Plated	Also used on Meritor and Shuler Axles
	E-10800	2-7/16"	1-11/16"	1/8"	None	
	E-3471	2-1/2"	1-5/16"	1/16"	None	15" x 3-1/2" and 15" x 4" T-Series Type 2 Brakes
	E-3472	2-3/4"	1-1/2"	1/8"	None	16-1/2" x 3" T-Series Brakes
	E-3473	3-1/8"	1-33/64"	1/16"	None	15" x 3-1/2" and 15" x 4" T-Series Type 1 Brakes
E-3477	3-1/8"	1-17/32"	1/8"	None	16-1/4" x 3-1/2" T-Series Brakes	

CAMSHAFT WASHERS

	EUCLID NO.	O.D.	I.D.	THICK	GENERAL INFORMATION
	E-3478		1-1/2"	1/16"	For Meritor Q Service Brakes
	E-5482		1-1/2"	1/16"	Cam Head Washer for Eaton ES Brakes
	E-9071		1-41/64"	1/16"	For 2-1/2" offset spiders
	E-9075	2-3/8"	1-41/64"	11/32"	Use with press-in nylon or metal Spider Bushings and Camshafts with 2" upper bearing journals




CAMSHAFT WASHERS

Brake and
Wheel End

	EUCLID NO.	O.D.	I.D.	THICK	GENERAL INFORMATION
	E-10857	2-7/16"	1-17/32"	1/16"	For Meritor W Series 14-1/2"
	E-10801	2-7/16"	1-11/16"	1/16"	For Late Model Std. Forge 12-1/4" Brake
	E-6077	2-11/16"	1-5/8"	1/16"	Cam Head Washer for Meritor Trailer Axles with Fabricated Spiders
	E-10843	2-3/4"	1-9/16"	1/16"	For Meritor W Series 14-1/2"
	E-2404	3-7/8" x 2-7/16"	1-17/32"	1/16"	For Late Model Std. Forge 12-1/4" Brake
	E-1408	3-1/2"	1-17/32"	1/16"	For 12-1/4" Dia. Brakes
	E-656	3-7/8"	1-1/2"	1/16"	For 1-1/2" dia. Camshafts. Can be used on Fruehauf Camshafts by reversing
	E-9073	3-7/8"	1-5/8"	1/16"	For 16-1/2" Q+™ Brakes

CAMSHAFTS

CAMSHAFT LOCK RINGS

	EUCLID NO.	I.D.	THICK	GENERAL INFORMATION
	E-3234			For Eaton Camshafts
	E-10776	13/16"	3/64"	Retaining Ring
	E-9076	31/32"	3/32"	15" x 4" Q and 16-1/2" P Brakes
	E-801	1-1/8"	1/16"	Lock Ring. For Meritor 4000-6000 Series Axles. Also used on 1-1/4" Anchor Pins with grooves.
	E-5093	1-5/32"	3/32"	15" x 3-1/2" x 4" T Brakes. 16-1/2" Q Brakes.
	E-2720	1-5/16"	1/16"	For Wagner Drive Axle Brake
	E-4736	1-3/8"	3/32"	Wider snap ring for use with Meritor Drive Axle Camshafts. Not for use with Euclid Replacement Camshafts.
	E-526	1-21/64"	1/16"	For All 1-1/2" Dia. Camshafts
	E-1569	1-1/2"	1/16"	For Meritor 4000-6000 Series Axle and Pro-Par® Axle with 1-5/8" Dia. Camshaft
	E-910	1-1/2"	1/16"	For 1-1/2" Dia. Camshaft. Use in Cam Front Lock Groove
	E-9077	1-5/8"	3/32"	16-1/2" Q+ Brakes

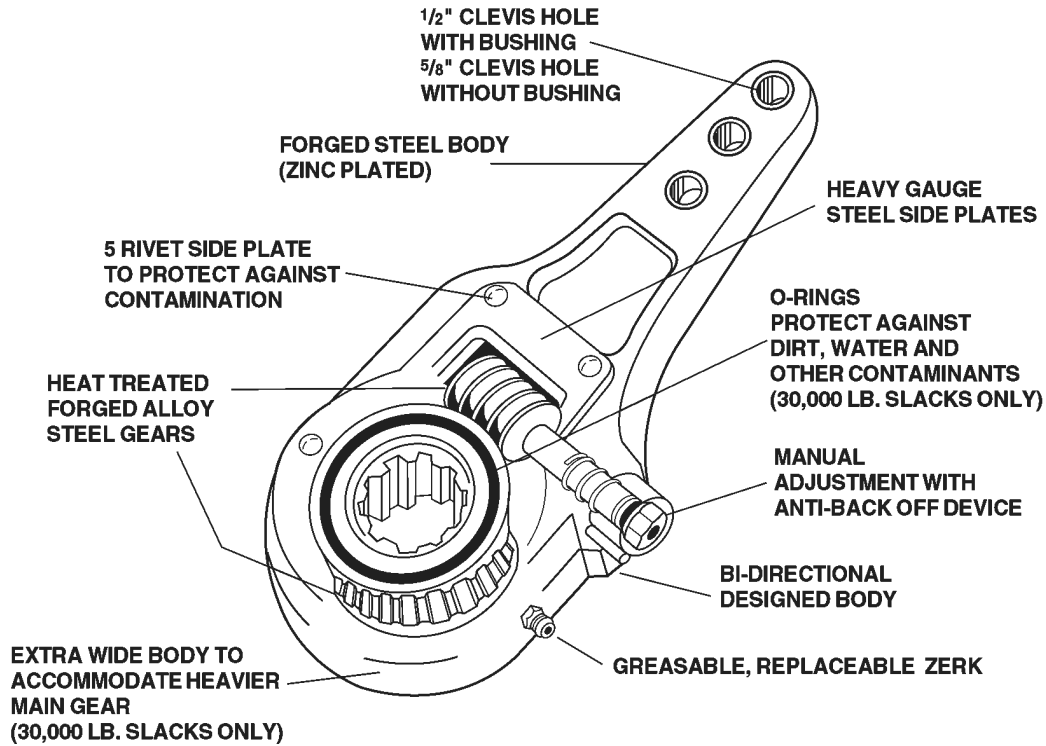
SECTION 3 — SLACK ADJUSTERS

Brake and
Wheel End

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SLACK ADJUSTERS

Listed by Cam Spline Size



SLACK ADJUSTERS

	EUCLID NO.	FITS CAM SPLINE	ARM LENGTH	GENERAL INFORMATION
	E-4904S	1-1/4"-10	4-1/2" - 5-1/2"	
	E-9102	1-1/4"-24	5-1/2"	For Meritor 15" x 4" Q Brake.
	E-612HD	1-1/2"-10	5" - 6" - 7"	Bulk, 10 pieces
	E-612S-BK			
	E-940HD	1-1/2"-10	5-1/2" - 6-1/2"	Bulk, 10 pieces
	E-940S-BK			


MANUAL SLACK ADJUSTERS

Brake and
Wheel End

	EUCLID NO.	FITS CAM SPLINE	ARM LENGTH	GENERAL INFORMATION
	E-2091	1-1/2"-10	6"	Curved Arm for 12-1/4" Brakes.
	E-2458HD	1-1/2"-28	5" - 6" - 7"	
	E-2458S-BK			Bulk, 10 pieces
	E-2459HD	1-1/2"-28	5-1/2" - 6-1/2"	
	E-2459S-BK			Bulk, 10 pieces
	E-9105	1-1/2"-48	4" - 5"	
	E-1574HD	1-5/8"-37	6"	
	E-1574S-BK			Bulk, 10 pieces

SLACK ADJUSTERS

CLEVIS PIN BUSHING

	EUCLID NO.	REPLACES	FITS CAM SPLINE	LENGTH
	E-2307	5/8"	1/2"	31/64"

Specifying the Right Meritor Clevis for the Application

Utilizing the correct Automatic Slack Adjuster (ASA) clevis is critical to maximizing brake life. The use of an incorrect clevis could result in uneven brake wear, an increase to operating costs.

Some Meritor ASAs are sold in the aftermarket less clevis which allows the end user to properly specify the clevis for the intended application. Meritor manufactures clevises with pin spacings of 1.30" and 1.38" to accommodate a variety of applications. To maximize brake lining life, it is recommended to replace the clevis when the ASA is replaced. A full listing of clevis available from Euclid (or Meritor for PB-8857) is contained in this section

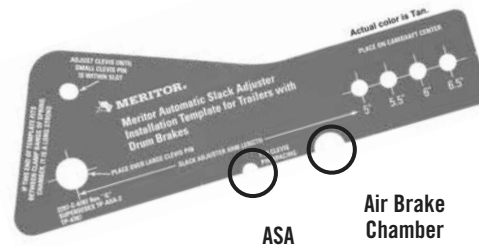
When it's time to replace the ASA, replace the clevis following the Template Method as outlined here.



1.30" Clevis

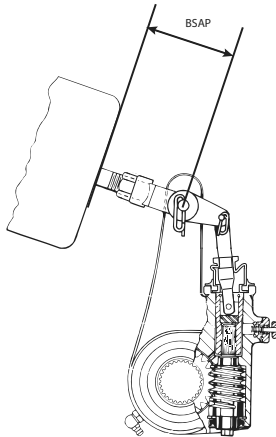


1.38" Clevis

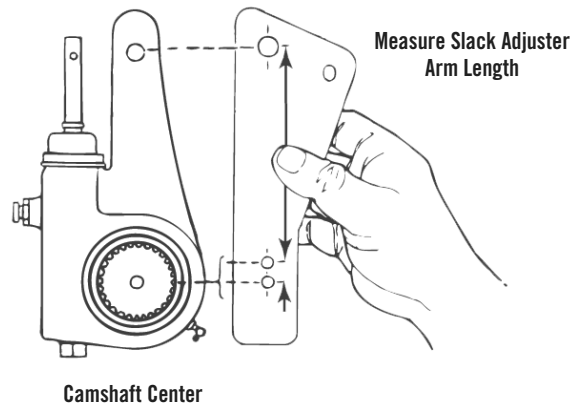


Template Method for Replacing the ASA Clevis

Measure the old clevis, or if the old clevis is not available, measure the clevis on the opposite wheel end of the axle by matching the two cutouts on the bottom of the template to the clevis holes.



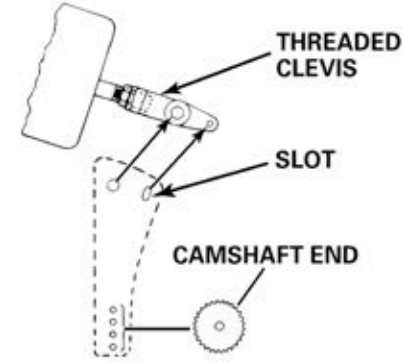
1. Use the correct Meritor ASA template to measure the length of the slack adjuster¹. The marks by the holes in the small end of the template indicate the length of the slack adjuster.



¹ The ASA templates are not interchangeable. The correct ASA template and clevis pin spacing must be used and the clevis position must be adjusted as described in the Template Method. If an incorrect combination is used and the clevis is installed in the wrong position, the slack adjuster will not adjust the brake correctly. If the slack adjuster under adjusts, stopping distances are increased. If the slack adjuster over adjusts, the linings may drag and damage the brake.

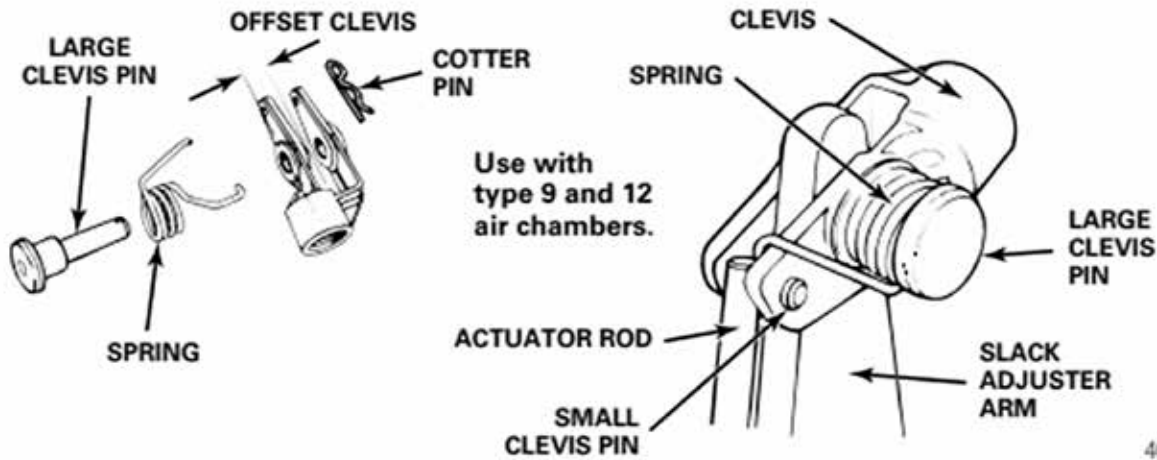
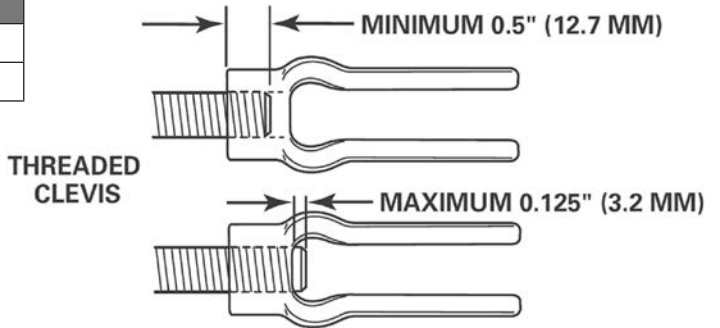
Template Method for Replacing the ASA Clevis

2. Install the large clevis pin through the large holes in the ASA template and the clevis.
3. Select the hole in the ASA template that matches the length of the slack adjuster. Hold that hole on the center of the camshaft.
4. Look through the slot in the template to see if the small clevis hole completely aligns within the slot.
 - If the small clevis hole doesn't align within the slot: Adjust the clevis until you can see the small clevis pin hole within the slot (right).
5. Verify that the thread engagement between the clevis and push rod is 0.5" - 0.625" (12.7-15.9 mm).
6. Verify that the push rod does not extend through the clevis more than 0.125" (3.2 mm).
 - If the push rod extends through the clevis more than 0.125" (3.2 mm): Cut the push rod or install a new air chamber and push rod.
7. Tighten the jam nut against the clevis to the torque specification below.





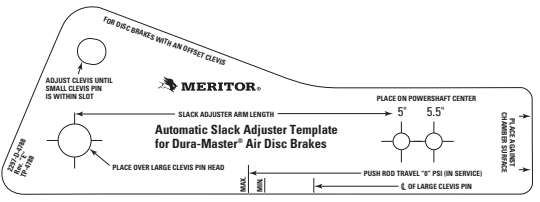
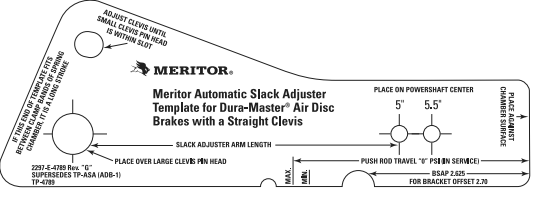


THREAD	TORQUE
1/2-20	20-30 lb-ft (27-41 N•m)
5/8-18	35-50 lb-ft (48-68 N•m)

8. CLEVIS CONFIGURATION Clevises are either straight or offset. In some cases a helper spring will be needed for use with the clevis. This will occur with the smaller chamber types 9 and 12



4002835c

TEMPLATES	TEMPLATE COLOR	NUMBER	APPLICATION
	Dark Brown	TP-4786	Truck or tractor drum brake with 1.38" clevis pin spacing
	Tan	TP-4787	Trailer drum brake
	Cool Grey	TP-10130	Truck or tractor drum brake with 1.30" clevis pin spacing
	White	TP-4781	Coach drum brake with 7-inch or bolt-on slack adjuster
	Green	TP-4788	Air Disc Brakes with an Offset Clevis
	Yellow	TP-4789	Air Disc Brakes with a Straight Clevis

NOTE: Use either the Template Method* or BSAP Method* to ensure the correct position of welded or threaded clevises on standard- or long-stroke brake chambers.

* For more information on the Template or BSAP Methods, refer to Meritor Maintenance Manual 4, Cam Brake and Automatic Slack Adjusters. For information on welded-clevis air brake chambers, refer to the air brake chamber manufacturer's maintenance publication.

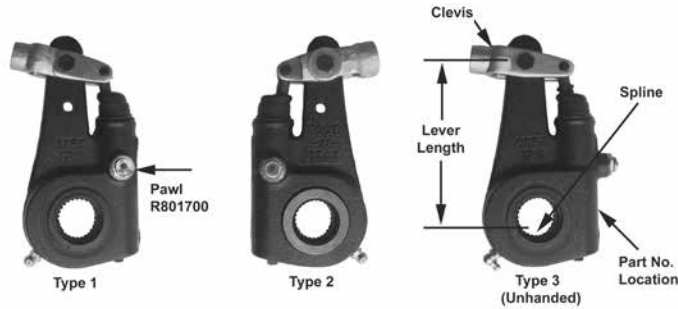
MERITOR AUTOMATIC SLACK ADJUSTERS CROSS REFERENCE

Brake and
Wheel End

MERITOR CLEVIS	EUCLID CLEVIS	COMMENT	MERITOR UNCLEVIS	EUCLID
R801001	E-11395	Equivalent Unclevised ASA part#--->	R803101	
R801002	E-11396	Equivalent Unclevised ASA part#--->	R803102	E-11397A
R801003	E-11397	Equivalent Unclevised ASA part#--->	R803102	E-11397A
R801041	E-11398	Equivalent Unclevised ASA part#--->	R803195	E-11938A
R801042	E-11399	Equivalent Unclevised ASA part#--->	R803106	E-11399A
R801070	E-11932	Equivalent Unclevised ASA part#--->	R803108	E-1144A
R801072	E-11400	Equivalent Unclevised ASA part#--->	R803109	E-114A
R801073	E-11401	Equivalent Unclevised ASA part#--->	R803110	
R801074	E-11402	Equivalent Unclevised ASA part#--->	R803112	E-1142A
R801079	E-11404	Equivalent Unclevised ASA part#--->	R803108	E-1144A
R801101	E-11405	Equivalent Unclevised ASA part#--->	R803114	E-1145A
R801102	E-11406	Equivalent Unclevised ASA part#--->	R803116	E-1146A
R802060		Equivalent Unclevised ASA part#--->	R803010	E-1147A
R802061		Equivalent Unclevised ASA part#--->	R803011	E-1148A
R802062		Equivalent Unclevised ASA part#--->	R803010	E-1147A
R802063		Equivalent Unclevised ASA part#--->	R803011	E-1148A
R802070	E-11407	Equivalent Unclevised ASA part#--->	R803010	E-1147A
R802071	E-11408	Equivalent Unclevised ASA part#--->	R803011	E-1148A
R802072		Equivalent Unclevised ASA part#--->	R803010	E-1147A
R802073		Equivalent Unclevised ASA part#--->	R803011	E-1148A
R802316	E-11409	Equivalent Unclevised ASA part#--->	R803024	
R802317	E-11410	Equivalent Unclevised ASA part#--->	R803025	
R802332	E-11411	Equivalent Unclevised ASA part#--->	R803028	
R802333	E-11412	Equivalent Unclevised ASA part#--->	R803029	
R802354	E-11930	Equivalent Unclevised ASA part#--->	R803030	
R802355	E-11931	Equivalent Unclevised ASA part#--->	R803031	E-11931A
R802380	E-11413	Equivalent Unclevised ASA part#--->	R803036	
R802444	E-11415	Equivalent Unclevised ASA part#--->	R803052	E-11415A
R802445	E-11416	Equivalent Unclevised ASA part#--->	R803053	E-11416A
R802446	E-11417	Equivalent Unclevised ASA part#--->	R803048	E-11417A
R802447	E-11418	Equivalent Unclevised ASA part#--->	R803049	E-11418A
R802462	E-11419	Equivalent Unclevised ASA part#--->	R803051	E-11419A
R802463	E-11420	Equivalent Unclevised ASA part#--->	R803050	E-1142A
R802486	E-11421	Equivalent Unclevised ASA part#--->	R803054	E-11421A
R802487	E-11422	Equivalent Unclevised ASA part#--->	R803055	E-11422A
R802490	E-11423	Equivalent Unclevised ASA part#--->	R803056	
R802491	E-11424	Equivalent Unclevised ASA part#--->	R803057	
R802512	E-11403	Equivalent Unclevised ASA part#--->	R803058	E-1143A
R802513	E-11902	Equivalent Unclevised ASA part#--->	R803059	
R802666	E-11425	Equivalent Unclevised ASA part#--->	R803032	
R802667	E-11426	Equivalent Unclevised ASA part#--->	R803033	

SLACK ADJUSTERS

MERITOR AUTOMATIC SLACK ADJUSTERS






Note: Type 1, Type 2 and Type 3 indicate the location of the pawl assembly on the slack adjuster. The slack adjuster must be installed so the pawl can be removed during maintenance.

Note: Type 1, Type 2 and Type 3 indicate the location of the pawl assembly on the slack adjuster.

TYPE	SPLINE DIA./ NO. TEETH	LEVER LENGTH	USE WITH CHAMBER SIZE	MERITOR UNCLEVISED NO.	CLEVIS TYPE	CLEVIS THREAD	CLEVIS KIT	EUCLID UNCLEVISED NO.	EUCLID CLEVISED NO.	COMMENTS
Type 3 (Unhanded)	1-1/4"-10	5-1/2"	16	R801001	Straight	1/2"-20	E-11428A	E-11395A	E-11395	Red Piston. Drum Brake.
Type 3 (Unhanded)	1-1/2"-10	5-1/2"	24, 30	R803195	Straight	5/8"-18	E-11430A	E-11398A	E-11398	Yellow Piston. Drum Brake.
Type 3 (Unhanded)	1-1/2"-10	6"	30	R803106	Straight	5/8"-18	E-11430A	E-11399A	E-11399	Yellow piston. Drum brake. Trailer axle.
Type 3 (Unhanded)	1-1/4"-24	5-1/2"	16	R801002	Straight	1/2"-20	E-11428A	E-11396A	E-11396	Red Piston. Drum Brake.
Type 3 (Unhanded)	1-1/4"-24	5-1/2"	16, 20	R803102	Straight	5/8"-18	E-11428A	E-11397A	E-11397	Red Piston. Drum Brake.
Type 3 (Unhanded)	1-1/2"-28	5-1/2"	20	R803108	Straight	5/8"-18	E-11428A	E-11404A	E-11404	Red piston. Drum and Disc brakes.
Type 3 (Unhanded)	1-1/2"-28	5-1/2"	24, 30	R803110	Straight	5/8"-18	E-11430A	E-11401A	E-11401	Yellow Piston. Drum Brake.
Type 3 (Unhanded)	1-1/2"-28	5-1/2"	20, 24, 36 drum	R803109	Straight	5/8"-18	E-11430A	E-11400A	E-11400	Green piston. Drum and Disc brake.
Type 3 (Unhanded)	1-1/2"-28	6"	30	R803112	Straight	5/8"-18	E-11430A		E-11402	Yellow Piston. Drum Brake.
Type 3 (Unhanded)	1-5/8"-37	5-1/2"	24, 30	R803114	Straight	5/8"-18	E-11430A	E-11405A	E-11405	Yellow piston. Drum brake. Fruehauf.
Type 3 (Unhanded)	1-5/8"-37	6"	30	R803116	Straight	5/8"-18	E-11430A	E-11406A	E-11406	Yellow piston. Drum brake. Fruehauf.
Type 1	1-1/2"-10	5-1/2"	24, 30 drum	R803024	Straight	5/8"-18	E-11430A		E-11409	Yellow Piston. Drum Brake.
Type 1	1-1/2"-10	6"	30	R803030	Straight	5/8"-18	E-11430A		E-11930	Yellow Piston. Drum Brake.
Type 1	1-1/4"-24	5-1/2"	20	R803010	Straight	5/8"-18	E-11430A	E-11407A	E-11407	Red Piston. Drum Brake.
Type 1	1-1/2"-28	5-1/2"	20, 24 disc, 36 drum	R803052	Straight	5/8"-18	E-11430A	E-11415A	E-11415	Green Piston. Drum and Disc Brake.
Type 1	1-1/2"-28	5-1/2"	24, 30	R803048	Straight	5/8"-18	E-11430A	E-11417A	E-11417	Yellow Piston. Drum Brake.
Type 1	1-1/2"-28	5-1/2"	30 disc	R803050	Straight	5/8"-18	E-11430A	E-11420A	E-11420	Blue Piston. Disc Brake.
Type 1	1-1/2"-28	6"	30	R803054	Straight	5/8"-18	E-11430A	E-11421A	E-11421	Yellow Piston. Drum Brake.
Type 1	1-1/2"-28	6-1/2"	36 drum	R803058	Straight	5/8"-18	E-11430A	E-11403A	E-11403	Green Piston. Drum Brake.
Type 2	1-1/2"-10	5-1/2"	24, 30 drum	R803025	Straight	5/8"-18	E-11430A		E-11410	Yellow Piston. Drum Brake.
Type 2	1-1/2"-10	6"	30	R803031	Straight	5/8"-18	E-11430A	E-11931A	E-11931	Yellow Piston. Drum Brake.
Type 2	1-1/4"-24	5-1/2"	20	R803011	Straight	5/8"-18	E-11430A	E-11408A	E-11408	Red Piston. Drum Brake.
Type 2	1-1/2"-28	5-1/2"	20, 24 disc, 36 drum	R803053	Straight	5/8"-18	E-11430A	E-11416A	E-11416	Green Piston. Drum and Disc brake.
Type 2	1-1/2"-28	5-1/2"	24, 30	R803049	Straight	5/8"-18	E-11430A	E-11418A	E-11418	Yellow Piston. Drum Brake.
Type 2	1-1/2"-28	5-1/2"	30 disc	R803051	Straight	5/8"-18	E-11430A	E-11419A	E-11419	Blue Piston. Disc Brake.
Type 2	1-1/2"-28	6"	30	R803055	Straight	5/8"-18	E-11430A	E-11422A	E-11422	Yellow Piston. Drum Brake.
Type 2	1-1/2"-28	6-1/2"	36	R803059	Straight	5/8"-18	E-11430A		E-11902	Green Piston. Drum Brake.





NOTE: The Slack Adjuster must be installed so the pawl can be removed during maintenance.

	EUCLID NO.	MERITOR NO.	THREAD SIZE	CLEVIS TYPE	GENERAL INFORMATION
	E-11427A	R810024	1/2"-20	Offset 5/8"	1.30 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11899	R810022	1/2"-20	Offset 5/8"	1.30 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11429A	R810025	5/8"-18	Offset 5/8"	1.38 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11901	R810023	5/8"-18	Offset 5/8"	1.38 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11428A	R810018	1/2"-20	Straight	1.38 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11898	R810020	1/2"-20	Straight	1.30 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11430A	R810019	5/8"-18	Straight	1.38 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11900	R810021	5/8"-18	Straight	1.30 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.
	E-11431	R810012	3/4"-16	Straight	1.38 in. c-to-c pins spacing. Clevis kit includes Lightweight Clevis, pins and clips.

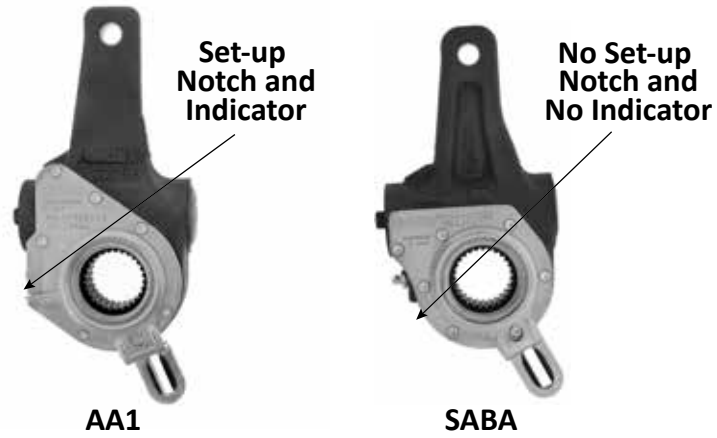
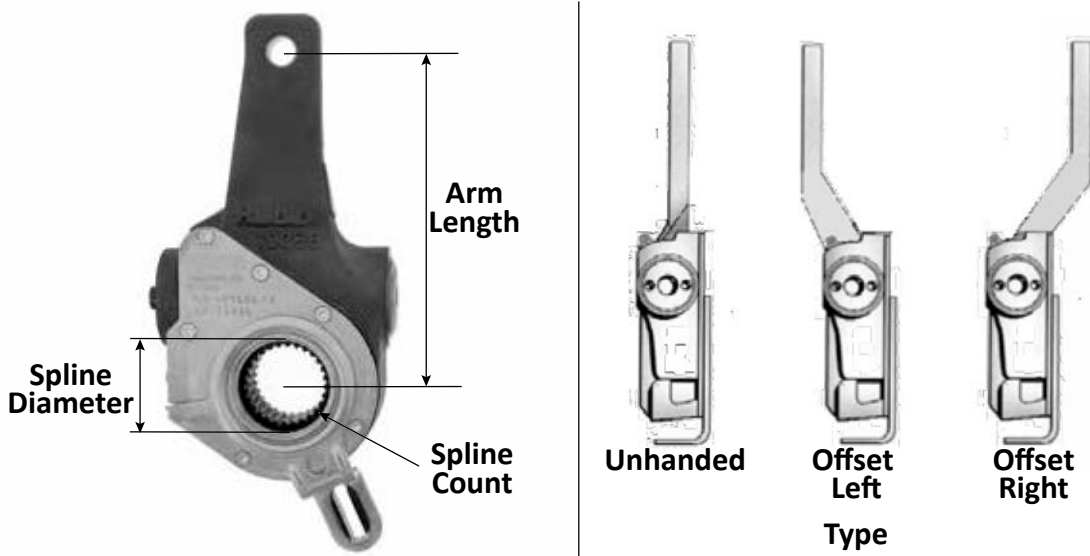
	EUCLID NO.	MERITOR NO.	DESCRIPTION	GENERAL INFORMATION
	E-11432	R801700	Pawl Kit	For All Meritor ASAs
	-	3256-X-1038	Meritor ASA Pawl Disengagement Tool	This easy-to-install wedge tool is designed with a slotted wedge to disengage the ASA pawl specific height for adjustment

SLACK ADJUSTERS

MERITOR SIMPLECHECK

	PART NO.	FITS CLEVIS THREAD	O.D.	NOTES
	M820625	5/8" - 18	1-3/4"	SimpleCheck is a green disc used as a marker to visually inspect applied chamber stroke on cam brake-equipped vehicles. When the brake is fully released, the SimpleCheck disc is installed on the pushrod at the base of the air brake chamber.
	M820750	3/4" - 16	1-3/4"	
	M810500	1/2" - 20	1-3/8"	
	M810625	5/8" - 18	1-3/8"	

HOW TO IDENTIFY



Model

SLACK ADJUSTERS

HALDEX TO EUCLID AUTOMATIC SLACK ADJUSTERS CROSS REFERENCE




Brake and
Wheel End

HALDEX ASA	HALDEX ASA KIT	EUCLID NO.
409-10111	400-10302	E-6929
409-10298	400-10030	E-6910
409-10310	400-10403	E-6952
409-10584	400-10402	E-6951A
409-10600	400-10009	E-6912
409-10635	400-10155	E-10892
409-10648	400-10156	E-10893
409-10650	400-10154	E-6926
409-10653	400-10141	E-6927B
409-10654	400-10304	E-6932
409-10655	400-10305	E-6933
409-10656	400-10306	E-6928
409-10658	400-10001	E-6900A
409-10659	400-10004	E-6902A
409-10660	400-10003	E-6906A
409-10661	400-10002	E-6907A
409-10662	400-10005	E-6903A
409-10663	400-10008	E-6905A
409-10664	400-10041	E-6981
409-10665	400-10040	E-6982
409-10673	400-10212	E-6942
409-10674	400-10214	E-6946
409-10675	400-10216	E-6936
409-10678	400-10144	E-6918A

HALDEX ASA	HALDEX ASA KIT	EUCLID NO.
409-10679	400-10146	E-6919A
409-10680	400-10145	E-6914A
409-10683	400-10211	E-6944
409-10684	400-10213	E-6947
409-10685	400-10215	E-6940
409-10733	400-10143	E-6924B
409-10741	400-10142	E-6923B
409-10742	400-10140	E-6925B
409-20000	400-20215	E-11925
409-20002	400-20211	E-11921
409-20004	400-20216	E-11926
409-20006	400-20212	E-11922
409-20024	400-20213	E-11923
409-20025	400-20214	E-11924
409-26003	400-26227	E-16748
409-26003	400-26227	E-16759
409-26007	400-26225	E-16757
409-26009	400-26236	E-16764
409-26011	400-26241	E-16768
409-26017	400-26228	E-16760
409-26020	400-26217	E-16754
409-26023	400-26234	E-16762
409-26040	400-26235	E-16763
409-26045	400-26239	E-16766




SLACK ADJUSTERS

HALDEX STEER AXLE

	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	EUCLID KIT NO.	EUCLID SABA KIT NO.	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/4"-10	5-1/2"	1/2"-5/8"	0°	E-6900A	n/a	E-6983	Double Bend Control Arm. Standard Steer Axle Brakes. Replaces 400-10001, 409-10658
	Straight	1-1/2"-10	5-1/2"	1/2"-5/8"	0°	E-6903A	n/a	E-6983	Double Bend Control Arm. Standard Steer Axle Brakes. Replaces 400-10005, 409-10662
	Straight	1-1/4"-24	5-1/2"	1/2"-5/8"	0°	E-6902A	n/a		Double Bend Control Arm. Standard Steer Axle Brakes. Replaces 400-10004, 409-10659
	Straight	1-1/2"-28	5-1/2"	1/2"-5/8"	0°	E-6905A	n/a	E-6983	Double Bend Control Arm. Standard Steer Axle Brakes. Replaces 400-10008, 409-10663
	Straight	1-1/2"-28	5-1/2"	1/2"	16°	E-6951A	n/a	E-6985	For Meritor Air Disc Brakes. Replaces 400-10402, 409-10584
	Offset LH 5/8"	1-1/4"-10	5-1/2"	1/2"-5/8"	22°	E-6906A	n/a	E-6983	Double Bend Control Arm. Standard Steer Axle Brakes with 5/8" Offset Arm. Replaces 400-10003, 409-10660
	Offset RH 5/8"	1-1/4"-10	5-1/2"	1/2"-5/8"	22°	E-6907A	n/a	E-6983	Double Bend Control Arm. Standard Steer Axle Brakes with 5/8" Offset Arm. Replaces 400-10002, 409-10661
	Offset LH 5/8"	1-1/4"-24	5-1/2"	1/2"-5/8"	22°	E-6981	n/a		Double Bend Control Arm. Standard Steer Axle Brakes with 5/8" Offset Arm. Replaces 400-10041, 409-10664
	Offset RH 5/8"	1-1/4"-24	5-1/2"	1/2"-5/8"	22°	E-6982	n/a		Double Bend Control Arm. Standard Steer Axle Brakes with 5/8" Offset Arm. Replaces 400-10040, 409-10665
	Offset RH 1-1/2"	1-1/2"-10	5-1/2"	1/2"	22°	E-6910	n/a	E-6956	For Mack 16,000 lb.+ Steer Axle Brakes with 1-1/2" Offset Arm. Replaces 400-10055, 409-10601
	Offset RH 1-1/2"	1-1/2"-28	5-1/2"	1/2"-5/8"	22°	E-6912	n/a	E-6956	For Mack 16,000 lb.+ Steer Axle Brakes with 1-1/2" Offset Arm. Replaces 400-10009, 409-10599
	Offset LH 1-1/2"	1-1/2"-28	5-1/2"	1/2"-5/8"	22°	E-6913	n/a	E-6956	For Mack 16,000 lb.+ Steer Axle Brakes with 1-1/2" Offset Arm. Replaces 400-10010, 409-10600

SLACK ADJUSTERS

CAUTION: Do not mix Automatic Slack Adjuster brands on the same vehicle.

HALDEX DRIVE AXLE									
	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	EUCLID KIT NO.	EUCLID SABA KIT NO.	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"-10	5-1/2"	1/2"	0°	E-10892	n/a	E-10894	Kenworth with 8 Bag Air Ride to avoid interference with air bag supports. Replaces 400-10155, 409-10635
	Straight	1-1/2"-28	5-1/2"	1/2"	0°	E-10893	n/a	E-10894	Kenworth with 8 Bag Air Ride to avoid interference with air bag supports. Replaces 400-10156, 409-10648
	Straight	1-1/2"-10	6"	1/2"	16°	E-6914A	n/a	E-6983	Double Bend Control Arm. For Mack Drive Axle brakes. Replaces 400-10145, 409-10680
	Straight	1-1/2"-28	6"	1/2"	16°	E-6918A	n/a	E-6983	Double Bend Control Arm. For Mack Drive Axle brakes. Replaces 400-10144, 409-10678
	Straight	1-1/2"-28	5-1/2" or 6-1/2"	1/2"	16°	E-6919A	n/a	E-6983	Double Bend Control Arm. For Mack Drive Axle brakes. Replaces 400-10146, 409-10679
	Straight	1-1/2"-10	5" or 6"	1/2"-5/8"	34°	E-6923B	n/a	E-10262	For Standard Drive Axle Brakes. Replaces 400-10142, 409-10741
	Straight	1-1/2"-10	5-1/2" or 6-1/2"	1/2"-5/8"	34°	E-6924B	n/a	E-10262	For Standard Drive Axle Brakes. Replaces 400-10143, 409-10733
	Straight	1-1/2"-28	5" or 6"	1/2"-5/8"	34°	E-6925B	n/a	E-10262	For Standard Drive Axle Brakes. Replaces 400-10140, 409-10566
	Straight	1-1/2"-28	5-1/2"	1/2"-5/8"	34°	E-6927B	n/a	E-10262	For Standard Drive Axle Brakes. Replaces 400-10141, 409-10532

CAUTION: Do not mix Automatic Slack Adjuster brands on the same vehicle.

TRAILER AXLE APPLICATIONS FOR 12-1/4" BRAKES

	STRAIGHT / OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	EUCLID KIT NO.	EUCLID SABA KIT NO.	INCLUDES BRACKET NO.	APPLICATION
		Straight	1-1/2"-10	6"	1/2"	35°	E-6928	n/a	E-6967A
Straight		1-1/2"-28	5-1/2"	1/2"	35°	E-6932	n/a	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10304, 409-10654
Straight		1-1/2"-28	6"	1/2"	35°	E-6933	n/a	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10305, 409-10655

TRAILER AXLE APPLICATIONS FOR 16-1/2" BRAKES


	Straight	1-1/2"-10	6"	1/2"	0°	E-6936	E-11926	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10216, 409-10675
	Straight	1-1/2"-28	5-1/2"	1/2"	0°	E-6944	E-11921	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10211, 409-10683
	Straight	1-1/2"-28	6"	1/2"	0°	E-6942	E-11922	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10212, 409-10673
	Straight	1-5/8"-37	6"	1/2"	0°	E-6946	E-11924	E-6966A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10214, 409-10674
	Straight	1-5/8"-37	5-1/2"	1/2"	0°	E-6947	E-11923	E-6966A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10213, 409-10684

CAUTION: Do not mix Automatic Slack Adjuster brands on the same vehicle.

HALDEX SELF-SETTING AUTOMATIC SLACK ADJUSTERS (SABA)

Brake and
Wheel End

DRIVE AXLE								
	STRAIGHT / OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	EUCLID SABA KIT NO.	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"-28	5-1/2"	1/2"	0°	E-16748	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-26227, 409-26003
	Straight	1-1/2"-28	5-1/2"	1/2"	0°	E-16759	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-26227, 409-26003
	Straight	1-1/2"-28	6"	1/2"	0°	E-16757	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-26225, 409-26007
	Straight	1-1/2"-10	5-1/2"	1/2"	34°	E-16760	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-26228, 409-26017
	Straight	1-1/2"-10	5-1/2"	5/8"	34°	E-16766	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-26239, 409-26045
	Straight	1-1/2"-10	6"	1/2"	34°	E-16754	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-26217, 409-26020
	Straight	1-1/2"-28	6"	1/2"	34°	E-16762	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-26234, 409-26023

STEER AXLE								
	Straight	1-1/4"-10	5-1/2"	1/2"	35°	E-16763	n/a	Single Bend Control Arm. For Kenworth with 8 bag air ride to avoid interference with air bag supports. Replaces 400-26235, 409-26040
	Straight	1-1/2"-10	5-1/2"	1/2"	35°	E-16764	n/a	Single Bend Control Arm. For Kenworth with 8 bag air ride to avoid interference with air bag supports. Replaces 400-26236, 409-26009
	Straight	1-1/2"-28	5-1/2"	1/2"	35°	E-16768	n/a	Single Bend Control Arm. For standard steer axle brakes. Replaces 400-26241, 409-26011

SLACK ADJUSTERS

CAUTION: Do not mix Automatic Slack Adjuster brands on the same vehicle.

HALDEX SELF-SETTING AUTOMATIC SLACK ADJUSTERS (SABA)

TRAILER AXLE



STRAIGHT / OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	EUCLID SABA KIT NO.	INCLUDES BRACKET NO.	APPLICATION
Straight	1-1/2"-10	5-1/2"	1/2"	0°	E-11925	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20215, 409-20000
Straight	1-1/2"-10	6"	1/2"	0°	E-11926	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20216, 409-20004
Straight	1-1/2"-28	5-1/2"	1/2"	0°	E-11921	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20211, 409-20002
Straight	1-1/2"-28	5-1/2"	1/2"	0°	E-16774	n/a	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-26327
Straight	1-1/2"-28	6"	1/2"	0°	E-11922	E-6967A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20212, 409-20006
Straight	1-1/2"-28	6"	1/2"	0°	E-16750	n/a	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-26212
Straight	1-5/8"-37	5-1/2"	1/2"	0°	E-11923	E-6966A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20213, 409-20024
Straight	1-5/8"-37	6"	1/2"	0°	E-11924	E-6966A	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20214, 409-20025

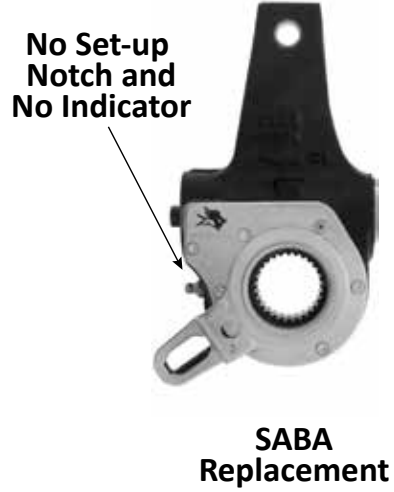
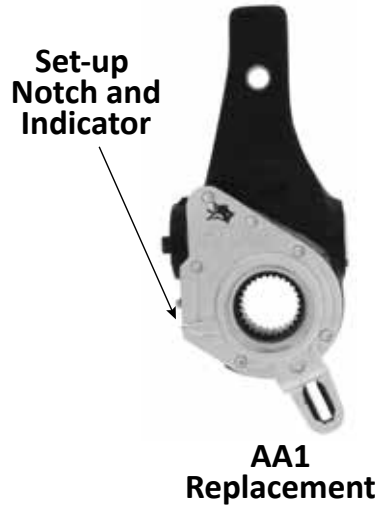
SLACK ADJUSTERS

CAUTION: Do not mix Automatic Slack Adjuster brands on the same vehicle.

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS CROSS REFERENCE

Brake and
Wheel End

HOW TO IDENTIFY



Model

SLACK ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS CROSS REFERENCE

HALDEX ABA KIT	HALDEX ABA	MERITOR	MERITOR PREMIUM ASA	MERITOR SELF SETTING ASA
300-10001	419-10743		M807521	
300-10002	419-10744		M807522	
300-10003	419-10745		M807523	
300-10007	419-10603		M807525	
300-10008	419-10604		M807526	
300-10011	419-10770		M807527	
300-10020	419-10182		M807539	
300-10021	419-10183		M807540	
300-10025	419-10275		M807541	
300-10026	419-10276		M807542	
300-10033	419-10636		M807543	
300-10034	419-10640		M807544	
300-10035	419-10641		M807545	
300-10038	419-10757		M807546	
300-10041	419-10776		M807528	
300-10042	419-10777		M807529	
300-10043	419-10789		M807530	
300-10044	419-10790		M807531	
300-10045	419-10791		M807547	
300-10051	419-10479		M807548	
300-10052	419-10427		M807549	
300-10053	419-10818		M807550	
300-10066	419-10849		M807532	
300-10067	419-10850		M807533	
300-10068	419-10854		M807534	
300-10080	419-10185		M807551	
300-10100	419-10400		M807552	
300-10119	419-10456		M807553	
300-10145	419-10836		M807554	
300-10146	419-10837		M807555	
300-10149	419-10856		M807556	
300-10174	419-10972		M807557	
300-10175	419-10973		M807558	
300-10185	419-10998		M807535	
300-10186	419-10999		M807559	
300-10187	419-11001		M807536	
300-10188	419-11002		M807560	

SLACK ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS CROSS REFERENCE

Brake and
Wheel End

HALDEX ABA KIT	HALDEX ABA	MERITOR	MERITOR PREMIUM ASA	MERITOR SELF SETTING ASA
300-10197	419-11019		M807565	
300-10198	419-11020		M807566	
300-50212	419-50127		M807567	
400-10001	409-10658	R806009A	M807009	
400-10002	409-10661	R806503A	M807503	
400-10003	409-10660	R806502A	M807502	
400-10004	409-10659	R806010A	M807010	
400-10005	409-10662	R806011A	M807011	
400-10008	409-10663	R806012A	M807012	
400-10009	409-10599	R806500A	M807500	
400-10010	409-10600	R806501A	M807501	
400-10011	409-10416		M807031	
400-10013	409-10172		M807032	
400-10040	409-10665	R806505A	M807505	
400-10041	409-10664	R806504A	M807504	
400-10068	409-10638	R806507A	M807507	
400-10069	409-10639	R806508A	M807508	
400-10070	409-10759		M807027	
400-10071	409-10760		M807033	
400-10072	409-10761		M807034	
400-10081	409-10228	R806025A	M807025	
400-10086	409-10879		M807035	
400-10121	409-10909		M807036	
400-10140	409-10742	R806024A	M807024	
400-10141	409-10653	R806026A	M807026	
400-10142	409-10741	R806023A	M807023	
400-10143	409-10733	R806022A	M807022	
400-10144	409-10678	R806016A	M807016	
400-10145	409-10680	R806018A	M807018	
400-10146	409-10679	R806017A	M807017	
400-10154	409-10650	R806004A	M807004	
400-10155	409-10635	R806002A	M807002	
400-10156	409-10648	R806003A	M807003	
400-10180	409-10861		M807037	
400-10182	409-10858		M807038	
400-10211	409-10683	R806019A	M807019	
400-10212	409-10673	R806013A	M807013	

SLACK ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS CROSS REFERENCE

HALDEX ABA KIT	HALDEX ABA	MERITOR	MERITOR PREMIUM ASA	MERITOR SELF SETTING ASA
400-10213	409-10684	R806020A	M807020	
400-10214	409-10674	R806014A	M807014	
400-10215	409-10685	R806021A	M807021	
400-10216	409-10675	R806015A	M807015	
400-10238	409-10466		M807039	
400-10245	409-11010		M807040	
400-10246	409-11011		M807041	
400-10304	409-10654	R806005A	M807005	
400-10305	409-10655	R806006A	M807006	
400-10306	409-10656	R806007A	M807007	
400-10307	409-10657	R806008A	M807008	
400-10402	409-10584	R806001A	M807001	
400-10590	409-10590	R806506A		
400-10640	409-10990		M807042	
400-10658	419-10590		M807506	
400-20211	409-20002			M808019
400-20212	409-20006			M808013
400-20213	409-20024			M808000
400-20214	409-20025			M808001
400-20215	409-20000			M808021
400-20216	409-20004			M808015
400-20217	409-20020			M808007
400-20227	409-20003			M808027
400-20228	409-20017			M808028
400-20229	409-20018			M808012
400-20231	409-20019			M808005
400-20233	409-20021			M808023
400-20234	409-20023			M808029
400-20235	409-20040			M808002
400-20236	409-20009			M808003
400-20238	409-20044			M808004
400-20239	409-20045			M808022
400-20240	409-20046			M808026
400-20241	409-20011			M808030
400-20243	409-20014			M808006
400-20250	409-20050			M808024
n/a	409-10129	R806000A	M807000	

SLACK ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS CROSS REFERENCE




Brake and
Wheel End

HALDEX ABA KIT	HALDEX ABA	MERITOR	MERITOR PREMIUM ASA	MERITOR SELF SETTING ASA
n/a	419-79216		M807537	
n/a	419-79217		M807538	
n/a	419-79225		M807563	
n/a	419-79226		M807564	
n/a	419-79772		M807570	

SLACK ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

STEERING AXLE (NON-DRIVE) APPLICATIONS FOR 15", 16-1/4" AND 16-1/2" BRAKES

	STRAIGHT / OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	STANDARD PART NUMBER	PREMIUM PART NUMBER	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
		Straight	1-1/4"-10	5-1/2"	1/2"	0°	n/a	M807032	n/a	R810330
Straight		1-1/2"-28	5-1/2"	1/2"	0°	R806025A	M807025	n/a	R810310	Single Bend Control Arm. For standard steer axle brakes. Replaces 400-10081, 409-10228
Straight		1-1/4"-10	5-1/2"	1/2"	0°	n/a	M807032	n/a	R810330	Single Bend Control Arm. For non-standard steer axle brakes. Replaces 400-10013, 409-10172.
	Straight	1-1/4"-10	5-1/2"	5/8"	0°	R806009A	M807009	n/a	R810302	Double Bend Control Arm. For standard steer axle brakes. Replaces 400-10001, 409-10658
	Straight	1-1/2"-10	5-1/2"	5/8"	0°	R806011A	M807011	n/a	R810302	Double Bend Control Arm. For standard steer axle brakes. Replaces 400-10005, 409-10662
	Straight	1-1/4"-24	5-1/2"	5/8"	0°	R806010A	M807010	n/a	R810303	Double Bend Control Arm. For standard steer axle brakes. Replaces 400-10004, 409-10659
	Straight	1-1/2"-28	5-1/2"	5/8"	0°	R806012A	M807012	M808012	R810302	Double Bend Control Arm. For standard steer axle brakes. Replaces 400-10008, 409-10663
	Offset LH 5/8"	1-1/4"-10	5-1/2"	5/8"	22°	R806502A	M807502	n/a	R810302	Double Bend Control Arm. For standard steer axle brakes with 5/8" offset arm. Replaces 400-10003, 409-10660
	Offset RH 5/8"	1-1/4"-10	5-1/2"	5/8"	22°	R806503A	M807503	n/a	R810302	Double Bend Control Arm. For standard steer axle brakes with 5/8" offset arm. Replaces 400-10002, 409-10661
	Offset LH 5/8"	1-1/4"-24	5-1/2"	5/8"	22°	R806504A	M807504	n/a	R810303	Double Bend Control Arm. For standard steer axle brakes with 5/8" offset arm. Replaces 400-10041, 409-10664
	Offset RH 5/8"	1-1/4"-24	5-1/2"	5/8"	22°	R806505A	M807505	n/a	R810303	Double Bend Control Arm. For standard steer axle brakes with 5/8" offset arm. Replaces 400-10040, 409-10665

SLACK ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

Brake and
Wheel End

STEERING AXLE (NON-DRIVE) APPLICATIONS FOR 15", 16-1/4" AND 16-1/2" BRAKES





	STRAIGHT / OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	STANDARD PART NUMBER	PREMIUM PART NUMBER	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
		Offset RH 1-1/2"	1-1/2"-28	5-1/2"	1/2"	22°	R806500A	M807500	n/a	R810304
Offset LH 1-1/2"		1-1/2"-28	5-1/2"	1/2"	22°	R806501A	M807501	n/a	R810304	Single Bend Control Arm. For Mack 16,000 lb.+ steer axle brakes with 1-1/2" offset arm. Replaces 400-10010, 409-10600
Offset LH 5/8"		1-1/2"-28	6"	1/2"	22°	R806507A	M807507	n/a	R810311	Single Bend Control Arm. For Dina Bus - MCI Steer Axle brakes. Replaces 400-10068, 409-10638
Offset RH 5/8"		1-1/2"-28	6"	1/2"	22°	R806508A	M807508	n/a	R810314	Single Bend Control Arm. For Dina Bus - MCI Steer Axle brakes. Replaces 400-10069, 409-10639
	Straight	1-1/4"-10	5-1/2"	1/2"	35°	n/a	M807034	n/a	R810337	Single Bend Control Arm. For standard steer axle brakes. Replaces 400-10072, 409-10761.
	Straight	1-1/2"-10	5-1/2"	1/2"	35°	n/a	M807033	n/a	R810337	Single Bend Control Arm. For standard steer axle brakes. Replaces 400-10071, 409-10760.
	Straight	1-1/2"-28	5-1/2"	1/2"	35°	n/a	n/a	M808030	R810342	Double Bend Control Arm. For standard steer axle brakes. Replaces 400-20241, 409-20011.

SLACK ADJUSTERS

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MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS





DRIVE AXLE APPLICATIONS FOR 16-1/2" AND 18" BRAKES

	STRAIGHT / OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	STANDARD PART NUMBER	PREMIUM PART NUMBER	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"-28	5-1/2"	1/2"	0°	n/a	n/a	M808027	R810305	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20227, 409-20003.
	Straight	1-1/2"-28	5-1/2"	1/2"	0°	n/a	M807039	n/a	R810305	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10238, 409-10466.
	Straight	1-1/2"-10	5-1/2"	5/8"	0°	R806002A	M807002	M808002	R810339	Single Bend Control Arm. For Kenworth with 8 bag air ride to avoid interference with air bag supports. Replaces 400-10155, 409-10635
	Straight	1-1/2"-28	5-1/2"	5/8"	0°	R806003A	M807003	M808003	R810339	Single Bend Control Arm. For Kenworth with 8 bag air ride to avoid interference with air bag supports. Replaces 400-10156, 409-10648
	Straight	1-1/2"-28	5-1/2"	1/2"	16°	R806001A	M807001	M808001	R810305	Single Bend Control Arm. For Meritor air disc brakes. Replaces 400-10402, 409-10584
	Straight	1-1/2"-10	5", 6"	5/8"	34°	R806023A	M807023	M808023	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10142, 409-10741
	Straight	1-1/2"-10	5-1/2"	1/2"	34°	n/a	n/a	M808028	R810329	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20228, 409-20017.
	Straight	1-1/2"-10	5-1/2"	5/8"	34°	n/a	M807036	n/a	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10121, 409-10909.
	Straight	1-1/2"-10	5-1/2", 6-1/2"	5/8"	34°	R806022A	M807022	M808022	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10143, 409-10733
	Straight	1-1/2"-28	5", 6"	5/8"	34°	R806024A	M807024	M808024	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10140, 409-10742
	Straight	1-1/2"-28	5-1/2"	1/2"	34°	n/a	M807037	n/a		Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10180, 409-10861
	Straight	1-1/2"-28	5-1/2"	1/2"	34°	n/a	M807042	n/a	n/a	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10640, 409-10990
	Straight	1-1/2"-28	5-1/2"	1/2"	34°	n/a	M807037	n/a	R810329	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10180, 409-10861.

SLACK ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

Brake and
Wheel End


DRIVE AXLE APPLICATIONS FOR 16-1/2" AND 18" BRAKES										
	STRAIGHT / OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	STANDARD PART NUMBER	PREMIUM PART NUMBER	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"-28	5-1/2"	5/8"	34°	R806004A	M807004	M808004	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10154, 409-10650
	Straight	1-1/2"-28	5-1/2", 6-1/2"	5/8"	34°	R806026A	M807026	M808026	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10141, 409-10653
	Straight	1-1/2"-28	6"	1/2"	34°	n/a	M807038	n/a	R810329	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10182, 409-10858.
	Straight	1-1/2"-28	5-1/2"	1/2"	35°	n/a	M807035	n/a	R810310	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-10086, 409-10879.
	Straight	1-1/2"-10	6"	1/2"	16°	R806018A	M807018	n/a	R810302	Double Bend Control Arm. For Mack drive axle brakes. Replaces 400-10145, 409-10680
	Straight	1-1/2"-28	6"	1/2"	16°	R806016A	M807016	M808016	R810302	Double Bend Control Arm. For Mack drive axle brakes. Replaces 400-10144, 409-10678
	Straight	1-1/2"-28	5-1/2", 6-1/2"	1/2"	16°	R806017A	M807017	n/a	R810302	Double Bend Control Arm. For Mack drive axle brakes. Replaces 400-10146, 409-10679
	Straight	1-1/2"-28	6"	1/2"	34°	n/a	n/a	M808029	R810329	Double Bend Control Arm. For standard drive axle brakes. Replaces 400-20234, 409-20023.

SLACK ADJUSTERS

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MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

TRAILER AXLE APPLICATIONS FOR 12-1/4" BRAKES

	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	STANDARD PART NUMBER	PREMIUM PART NUMBER	SELF SETTING PART NUMBER	INCLUDES BRACKET NUMBER	APPLICATION
	Straight	1-1/2"- 10	5-1/2"	1/2"	34°	R806000A	M807000	M808000	R810307	Single Bend Control Arm. For Delvan trailer axle brakes. Replaces 400-10305, 409-10655
	Straight	1-1/2"- 10	6"	1/2"	35°	R806007A	M807007	M808007	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10306, 409-10656
	Straight	1-1/2"- 28	5-1/2"	1/2"	35°	R806005A	M807005	M808005	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10304, 409-10654
	Straight	1-1/2"- 28	6"	1/2"	35°	R806006A	M807006	M808006	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10305, 409-10655
	Straight	1-5/8"- 37	6"	1/2"	35°	R806008A	M807008	n/a	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10307, 409-10657


SLACK ADJUSTERS

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MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

Brake and
Wheel End

TRAILER AXLE APPLICATIONS FOR 16-1/2" BRAKES

	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	STANDARD PART NUMBER	PREMIUM PART NUMBER	SELF SETTING PART NUMBER	INCLUDES BRACKET NUMBER	APPLICATION
	Straight	1-1/2"- 10	5-1/2"	1/2"	0°	R806021A	M807021	M808021	R810308	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10215, 409-10685
	Straight	1-1/2"- 10	6"	1/2"	0°	R806015A	M807015	M808015	R810308	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10216, 409-10675
	Straight	1-1/2"- 28	5-1/2"	1/2"	0°	R806019A	M807019	M808019	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10211, 409-10683
	Straight	1-1/2"- 28	6"	1/2"	0°	R806013A	M807013	M808013	R810308	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10212, 409-10673
	Straight	1-5/8"- 37	5-1/2"	1/2"	0°	R806020A	M807020	M808020	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10213, 409-10684
	Straight	1-5/8"- 37	6"	1/2"	0°	R806014A	M807014	M808014	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10214, 409-10674
	Straight	1-1/2"- 28	6"	1/2"	0°	n/a	M807040	n/a	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10245, 409-11010
	Straight	1-1/2"- 28	6"	1/2"	0°	n/a	M807041	n/a	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-10246, 409-11011

SLACK
ADJUSTERS

CAUTION: Do not mix Automatic Slack Adjuster brands on the same vehicle.

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

TRANSIT APPLICATIONS

	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	PREMIUM PART NO.	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"28	5-1/2", 6-1/2"	1/2"	0°	M807551		Single bend, 65mm.
	Straight	1-1/2"28	5-1/2"	1/2"	0°	M807556		Double bend, 69mm. Replaces 300-10149
	Straight	1-1/2"28	5-1/2"	1/2"	0°	M807549	R810312	Single bend, 60mm. Includes bracket and hardware. Replaces 300-10052
	Straight	1-1/2"28	5-1/2"	5/8"	0°	M807548	R810330	Single bend, 65mm. Includes bracket and hardware.
	Straight	1-1/2"10	5-1/2"	1/2"	16°	M807527	R810305	Single bend, 64mm. Includes bracket and hardware. Replaces 30010042, 300-10011
	Straight	1-1/2"28	5-1/2"	1/2"	16°	M807543	R810305	Single bend, 64mm. Includes bracket and hardware. Replaces 300-10033

SLACK ADJUSTERS

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MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

Brake and
Wheel End

TRANSIT APPLICATIONS								
	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	PREMIUM PART NO.	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"10	6"	1/2"	34°	M807552		Single bend, 64mm.
	Straight	1-1/2"10	7"	1/2"	34°	M807523	-	Single bend, 64mm. Includes bracket and hardware. Replaces 30010003
	Straight	1-1/2"28	6"	1/2"	34°	M807547	R810300	Includes bracket and hardware.
	Straight	1-1/2"10	5-1/2"	5/8"	34°	M807553	-	Includes bracket and hardware.
	Straight	1-1/2"10	7"	1/2"	34°	M807524	R810336	Single bend, 64mm. Includes bracket and hardware. Replaces 30010004
	Straight	1-1/2"28	6-1/2"	1/2"	34°	M807534	R810312	Single bend, 60mm. Includes bracket and hardware. Replaces 30010068
	Straight	1-1/2"28	6-1/2"	1/2"	34°	M807550	-	Single bend, 64mm. Includes bracket and hardware. Replaces 30010053
	Offset LH 5/8"	1-1/2"28	5-1/2"	1/2"	23°	M807532	R810312	Single bend, 60mm. Includes bracket and hardware. Replaces 30010066
	Offset RH 5/8"	1-1/2"28	5-1/2"	1/2"	23°	M807533	R810312	Single bend, 60mm. Includes bracket and hardware. Replaces 30010067
	Offset LH 5/8"	1-1/2"28	5-1/2"	1/2"	23°	M807528	R810328	Single bend, 60mm. Includes bracket and hardware. Replaces 30010041
	Offset RH 5/8"	1-1/2"28	5-1/2"	1/2"	23°	M807529	R810328	Single bend, 60mm. Includes bracket and hardware. Replaces 30010042
	Offset RH 5/8"	1-1/2"26	5-1/8"	1/2"	120°	M807563	-	Double bend, 65mm.
	Offset LH 5/8"	1-1/2"26	5-1/8"	1/2"	120°	M807564	-	Double bend, 65mm.
	Offset LH 1-1/2"	1-1/2"10	5-1/2"	1/2"	23°	M807525	R810304	Single bend, 60mm. Includes bracket and hardware. Replaces 30010007
	Offset LH 1-1/2"	1-1/2"10	5-1/2"	1/2"	23°	M807526	R810304	Single bend, 60mm. Includes bracket and hardware. Replaces 30010008

SLACK
ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

TRANSIT APPLICATIONS

	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	PREMIUM PART NO.	INCLUDES BRACKET NO.	APPLICATION
	Offset RH 1-1/2"	1-1/2"10	5-1/2"	1/2"	34°	M807545		Single bend, 60mm. Replaces 30010035
	Offset LH 1-1/2"	1-1/2"10	6"	1/2"	34°	M807541		Single bend, 64mm. Replaces 30010025
	Offset LH 1-1/2"	1-1/2"10	6"	1/2"	34°	M807544		
	Offset LH 1-1/2"	1-1/2"10	7"	1/2"	34°	M807554		Double bend, 69mm. Replaces 30010145
	Offset RH 1-1/2"	1-1/2"10	7"	1/2"	34°	M807555		Double bend, 69mm. Replaces 30010146
	Offset RH 1-1/2"	1-1/2"10	6"	1/2"	34°	M807531	-	Single bend, 64mm. Includes bracket and hardware. Replaces 30010044
	Offset RH 1-1/2"	1-1/2"10	6"	1/2"	34°	M807542	R810328	Single bend, 64mm. Includes bracket and hardware. Replaces 30010026
	Offset LH 1-1/2"	1-1/2"10	6"	1/2"	34°	M807557	-	Single bend, 65mm. Includes bracket and hardware. Replaces 30010174
	Offset RH 1-1/2"	1-1/2"10	6"	1/2"	34°	M807558	-	Single bend, 65mm. Includes bracket and hardware. Replaces 30010175
	Offset LH 1-1/2"	1-1/2"10	7"	1/2"	34°	M807539	R810316	Single bend, 60mm. Includes bracket and hardware. Replaces 30010020
	Offset RH 1-1/2"	1-1/2"10	7"	1/2"	34°	M807522	R810336	Single bend, 64mm. Includes bracket and hardware. Replaces 30010002
	Offset LH 1-1/2"	1-1/2"28	5-1/2"	1/2"	34°	M807546	R810328	Includes bracket and hardware.
	Offset RH 1-9/16"	1-1/2"26	5-1/8"	1/2"	28°	M807537		Double bend, 66mm.
	Offset LH 1-9/16"	1-1/2"26	5-1/8"	1/2"	28°	M807538		Double bend, 66mm.

SLACK ADJUSTERS

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DRIVE AXLE

	STRAIGHT/OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"-10	5-1/2"	1/2"	0°	M808004	R810338	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20238, 409-20044
	Straight	1-1/2"-10	5-1/2"	1/2"	0°	M808028		Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20228, 409-20017
	Straight	1-1/2"-10	5-1/2"	5/8"	34°	M808022	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20239, 409-20045
	Straight	1-1/2"-10	6"	1/2"	0°	M808007	R810301	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20217, 409-20020
	Straight	1-1/2"-10	6"	5/8"	34°	M808023	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20233, 409-20021
	Straight	1-1/2"-28	5-1/2"	1/2"	34°	M808012	R810302	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20229, 409-20018
	Straight	1-1/2"-28	5-1/2"	5/8"	0°	M808005	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20231, 409-20019
	Straight	1-1/2"-28	5-1/2"	5/8"	34°	M808026		Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20240, 409-20046
	Straight	1-1/2"-28	6"	1/2"	34°	M808029		Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20234, 409-20023
	Straight	1-1/2"-28	6"	5/8"	34°	M808024	R810300	Single Bend Control Arm. For standard drive axle brakes. Replaces 400-20250, 409-20050

SLACK ADJUSTERS

STEERING AXLE

	STRAIGHT/OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/4"-10	5-1/2"	1/2"	35°	M808002	R810337	Single Bend Control Arm. For Kenworth with 8 bag air ride to avoid interference with air bag supports. Replaces 400-20235, 409-20040
	Straight	1-1/2"-10	5-1/2"	1/2"	35°	M808003	R810337	Single Bend Control Arm. For Kenworth with 8 bag air ride to avoid interference with air bag supports. Contains ASA & mounting hardware kit. Replaces 400-20236, 409-20009
	Straight	1-1/2"-28	5-1/2"	1/2"	35°	M808030	n/a	Single Bend Control Arm. For standard steer axle brakes. Replaces 400-20241, 409-20011

TRAILER AXLE APPLICATIONS FOR 12-1/4" BRAKES

	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"-10	6"	1/2"	35°	M808007	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-10306, 409-10656
	Straight	1-1/2"-28	6"	1/2"	35°	M808006	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles with 4-hole cam bracket. Replaces 400-20305, 409-20014
	Straight	1-5/8"-37	5-1/2"	1/2"	0°	M808000	R810301	Single Bend Control Arm. For Delvan trailer axle brakes. Replaces 400-20213, 409-20024

TRAILER AXLE APPLICATIONS FOR 16-1/2" BRAKES





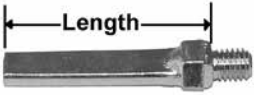
	STRAIGHT/ OFFSET	SPLINE SIZE	ARM LENGTH	BUSHING I.D.	ANGLE	SELF SETTING PART NUMBER	INCLUDES BRACKET NO.	APPLICATION
	Straight	1-1/2"-10	5-1/2"	1/2"	0°	M808021	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20215, 409-20000
	Straight	1-1/2"-10	6"	1/2"	0°	M808015	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20216, 409-20004
	Straight	1-1/2"-28	5-1/2"	1/2"	0°	M808019	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20211, 409-20002
	Straight	1-1/2"-28	6"	1/2"	0°	M808013	R810301	Double Bend Control Arm. For Meritor, Eaton, Spicer (Dana & Standard Forge) trailer axles. Replaces 400-20212, 409-20006

SLACK ADJUSTERS

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MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS






Brake and
Wheel End


HARDWARE				
	EUCLID PART NO.	DESCRIPTION	REPLACES	NOTES
	R810317	Anchor Screw	443-10188	Length 1-1/4", 7/16"-14 thread. Use with R810324 slide nut.
	R810321	Anchor Screw	443-10096	Length 1", 7/16"-14 thread.
	R810319	Bracket		Length 3.5", Width 2.375", .171" Thickness
	R810322	Bushing	452-10058	1/2" I.D. x 5/8" O.D.
	R810323	Bushing	452-10128	Serrated. 5/8" I.D. x 13/16" O.D.
 <p>Length</p>	R810325	Double Flat Stud	443-10299	3" length.
	R810326	Double Flat Stud	443-10290	2-3/4" length.

SLACK
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MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS







SLACK ADJUSTERS

HARDWARE					
	EUCLID PART NO.	DESCRIPTION	REPLACES	NOTES	
	R810316	Fitting Kit			
	R810320	Flange Nut	443-10204	7/16"-14 thread.	
	R810318	Grommet	452-10125	1-9/32" length x 11/16" width.	
	R810327	Service Kit	427-10558	Includes 4 cap nuts, 4 anchor pins, 4 bushings. Services 4 ASAs.	
	R810324	Slide Nut	443-10101	7/16"-14 thread.	

SERVICE BRACKET KITS					
	EUCLID PART NO.	APPLICATION	BRACKET STYLE	REPLACES	NOTES
	R810302	Drive and Steer Axle	Clamp	427-10566K	2-1/4" clamp. For use with Mack 16,000 lb.+ brakes.

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS






Brake and
Wheel End

SERVICE BRACKET KITS					
EUCLID PART NO.	APPLICATION	BRACKET STYLE	REPLACES	NOTES	
	Drive Axle	Clamp	427-10421	2-1/4" - 2-1/2" tube clamp.	
	Drive Axle	Clamp	427-10420	2-1/4" - 2-1/2" tube clamp.	
	Steer Axle	Clamp	427-10567K	2" U-bolt clamp.	
	Steer Axle	Clamp	427-10497	2-1/4" clamp. For use with 5/8" offset ASAs.	
	Trailer Axle	Plate and Stud	427-10563	Bracket Kit	
	Trailer Axle	Plate and Stud		Bracket Kit	

SLACK
ADJUSTERS

MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS



SERVICE BRACKET KITS

	EUCLID PART NO.	APPLICATION	BRACKET STYLE	REPLACES	NOTES
	R810308	Trailer Axle	Plate and Stud	427-10565	Cam support bracket with control arm bushing.
	R810304	Steer Axle, Transit	Spider	427-10548	3-3/4" bracket. For use with Mack 16,000 lb.+ steer axle brakes with 1-1/2" offset. Also used on Transit applications.
	R810313		Strap	427-10582	
	R810305	Drive and Steer Axle, Transit	Strap	427-10543	1-1/4" x 6-1/2" strap. For use with Meritor air disc brakes.
	R810306	Drive Axle	Strap	427-10554	1-1/4" x 4-3/4" strap. For use with Kenworth 8 air bag drive axle brakes.

SLACK ADJUSTERS

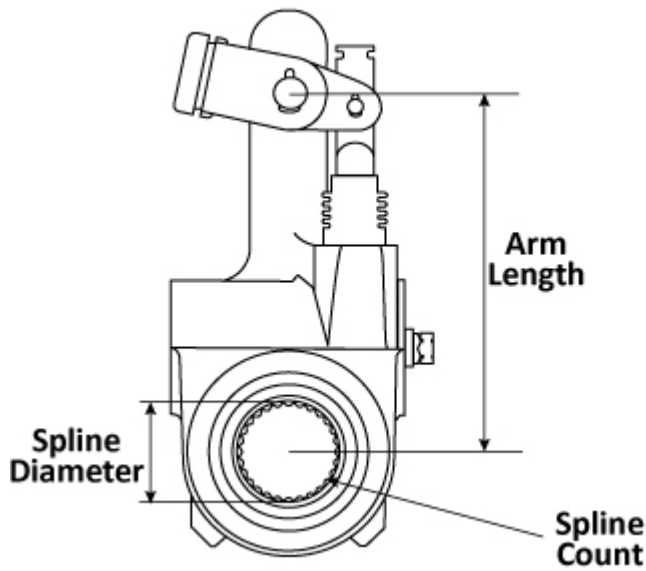
MERITOR CLEARANCE SENSING AUTOMATIC SLACK ADJUSTERS

Brake and
Wheel End

SERVICE BRACKET KITS					
	EUCLID PART NO.	APPLICATION	BRACKET STYLE	REPLACES	NOTES
	R810300	Drive Axle, Transit	Strap	427-10553K	Angled 1-1/4" x 7" strap
	R810312	Transit	Stud	427-10517	

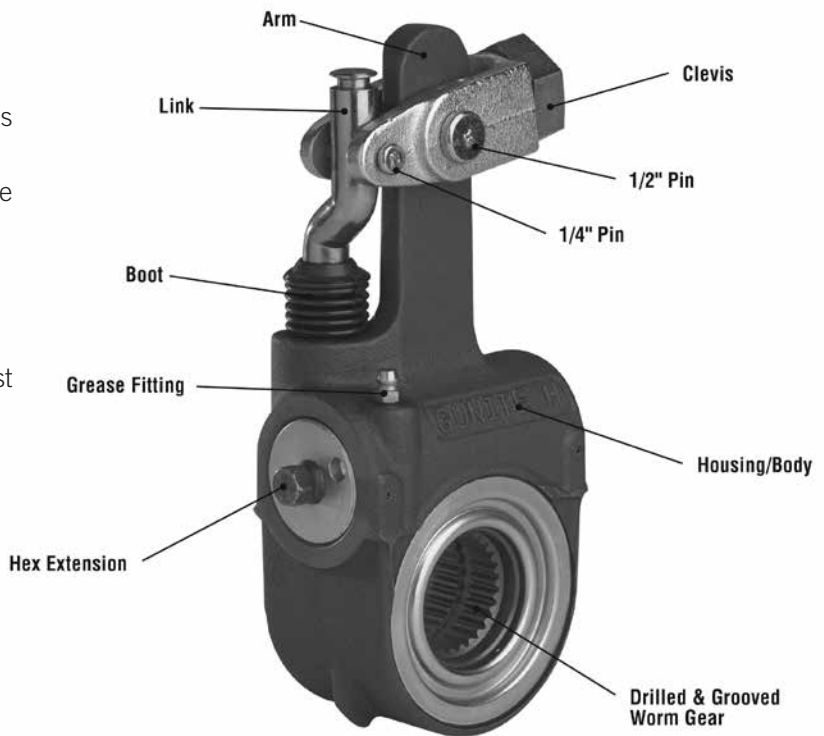
SLACK ADJUSTERS

HOW TO IDENTIFY



Features and Benefits

- 5", 5-1/2", 6", 6-1/2" arm lengths
- Straight or offset clevis with 1/2" or 5/8" threads
- Unhanded design
- Unique clearance sensing design and exclusive two-way adjustment
- Compact housing for easy installation
- Double sealed actuator arm
- Drilled worm gear
- Factory lubricated and sealed to protect against dirt, water, salt and other corrosive elements
- Extended life clevis pin bushing
- O-ring on spline gear
- Available in 10, 24, 28, or 37 spline configurations



TRUST MATTERS

GUNITE AUTOMATIC SLACK ADJUSTERS

Brake and
Wheel End

GUNITE	EUCLID
AS1032	E-15001
AS1040	E-15009
AS1041	E-15025
AS1031	E-15015
AS1131	E-15015
AS1132	E-15016
AS1033	E-15017
AS1133	E-15017
AS1034	E-15018
AS1134	E-15018
AS1035	E-15019
AS1135	E-15019
AS1036	E-15020
AS1136	E-15020
AS1037	E-15021
AS1137	E-15021
AS1038	E-15022
AS1138	E-15022
AS1039	E-15023
AS1139	E-15023
AS1140	E-15024
AS1141	E-15025
AS1042	E-15026
AS1142	E-15026
AS1043	E-15027
AS1143	E-15027
AS1044	E-15028
AS1144	E-15028
AS1045	E-15029
AS1145	E-15029
AS1146	E-15030
AS1147	E-15031
AS1148	E-15032
AS1149	E-15033
AS1150	E-15034
AS1151	E-15035
AS1152	E-15036
AS1153	E-15037
AS1154	E-15038
AS1155	E-15039
AS1156	E-15040
AS1157	E-15041

GUNITE	EUCLID
AS1159	E-15042
AS1160	E-15043
AS1161	E-15044
AS1162	E-15045
AS1163	E-15046
AS1164	E-15047
AS1165	E-15048
AS1166	E-15049
AS1167	E-15050
AS1168	E-15051
AS1169	E-15052
AS1170	E-15053
AS1171	E-15054
AS1172	E-15055
AS1173	E-15056
AS1174	E-15057
AS1175	E-15058
AS1176	E-15059
AS1179	E-15060
AS3000	E-15061
AS3001	E-15062
AS3002	E-15063
AS3003	E-15064
AS3011	E-15065
AS3012	E-15066
AS3013	E-15067
AS3015	E-15068
AS3016	E-15069
AS3017	E-15070
AS3018	E-15071
AS3019	E-15072
AS3021	E-15073
AS4001	E-15074
AS4004	E-15075
AS4005	E-15076
AS4006	E-15077
AS4007	E-15078
AS4008	E-15079
AS4012	E-15080
AS4013	E-15081
AS4014	E-15082
AS4015	E-15083

SLACK ADJUSTERS

GUNITE AUTOMATIC SLACK ADJUSTERS



Clevised and Unclevised images are representative of parts in list below. Actual parts may vary.

FRONT STEER AXLE APPLICATIONS

SPLINE SIZE	ARM LENGTH	EUCLID PART NO.	CLEVIS KIT NO.	COMMENTS	APPLICATION INFORMATION
1-1/4"-10	5"	E-15019	E-15072	Replaces AS1135	Use clevis with 1.02" pin center
1-1/4"-10	5-1/2"	E-15020	E-15072	Replaces AS1136	Use clevis with 1.02" pin center
1-1/4"-10	5-1/2"	E-15036	E-15063	Replaces AS1152	.625" offset, 1/2" - 20 thread Clevis - 1.02" pin center
1-1/4"-10	5-1/2"	E-15037	E-15064	Replaces AS1153	.625" offset 5/8" - 18 thread Clevis - 1.02" pin center
1-1/4"-10	5-1/2"	E-15053	n/a	Replaces AS1170	Use clevis with 1.30" pin center
1-1/4"-24	5"	E-15021	E-15072	Replaces AS1137	Use clevis with 1.02" pin center
1-1/4"-24	5-1/2"	E-15022	E-15072	Replaces AS1138	Use clevis with 1.02" pin center
1-1/4"-24	5-1/2"	E-15038	E-15063	Replaces AS1154	.625" offset, 1/2" - 20 thread Clevis - 1.02" pin center
1-1/2"-10	5-1/2"	E-15016	E-15072	Replaces AS1132	Use clevis with 1.02" pin center
1-1/2"-10	5-1/2"	E-15051	n/a	Replaces AS1168	Use clevis with 1.02" pin center
1-1/2"-28	5-1/2"	E-15024	E-15072	Replaces AS1140	Use clevis with 1.02" pin center
1-1/2"-28	5-1/2"	E-15055	n/a	Replaces AS1172	Use clevis with 1.30" pin center

SLACK ADJUSTERS



Clevised and Unclevised images are representative of parts in list below. Actual parts may vary.

REAR DRIVE AXLE APPLICATIONS

SPLINE SIZE	ARM LENGTH	EUCLID PART NO.	CLEVIS KIT NO.	COMMENTS	APPLICATION INFORMATION
1-1/2"-10	5"	E-15015	E-15069	Replaces AS1131	Use clevis with 1.02" pin center
1-1/2"-10	5-1/2"	E-15016	n/a	Replaces AS1132	Use clevis with 1.02" pin center
1-1/2"-10	5-1/2"	E-15040	E-15064	Replaces AS1156	.625" offset 5/8" - 18 thread clevis - 1.02" pin center
1-1/2"-10	5-1/2"	E-15051	n/a	Replaces AS1168	Use clevis with 1.30" pin center
1-1/2"-10	6"	E-15017	E-15069	Replaces AS1133	Use clevis with 1.02" pin center
1-1/2"-10	6"	E-15052	n/a	Replaces AS1169	Use clevis with 1.30" pin center
1-1/2"-10	6-1/2"	E-15018	E-15069	Replaces AS1134	Use clevis with 1.02" pin center
1-1/2"-10	6-1/2"	E-15057	n/a	Replaces AS1174	Use clevis with 1.30" pin center
1-1/2"-28	5"	E-15023	E-15069	Replaces AS1139	Use clevis with 1.02" pin center
1-1/2"-28	5-1/2"	E-15024	E-15072	Replaces AS1140	Use clevis with 1.02" pin center
1-1/2"-28	5-1/2"	E-15041	E-15064	Replaces AS1157	.625" offset 5/8" - 18 thread Clevis - 1.02" pin center
1-1/2"-28	5-1/2"	E-15055	n/a	Replaces AS1172	Use clevis with 1.30" pin center
1-1/2"-28	6"	E-15025	E-15069	Replaces AS1041 and AS1141	Use clevis with 1.02" pin center
1-1/2"-28	6"	E-15056	n/a	Replaces AS1173	Use clevis with 1.30" pin center
1-1/2"-28	6-1/2"	E-15026	E-15069	Replaces AS1142	Use clevis with 1.02" pin center
1-1/2"-28	6-1/2"	E-15058	n/a	Replaces AS1175	Use clevis with 1.30" pin center

SLACK ADJUSTERS

GUNITE AUTOMATIC SLACK ADJUSTERS










Clevised and Unclevised images are representative of parts in list below. Actual parts may vary.

TRAILER AXLE APPLICATIONS

SPLINE SIZE	ARM LENGTH	EUCLID PART NO.	CLEVIS KIT NUMBER	COMMENTS	APPLICATION INFORMATION
1-1/2"-10	5-1/2"	E-15030	E-15071	Replaces AS1146	Use clevis with 1.02" pin center
1-1/2"-10	5-1/2"	E-15045	E-15073	Replaces AS1162	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-1/2"-10	5-1/2"	E-15051	n/a	Replaces AS1168	Use clevis with 1.30" pin center
1-1/2"-10	6"	E-15031	E-15071	Replaces AS1147	Use clevis with 1.02" pin center
1-1/2"-10	6"	E-15046	E-15073	Replaces AS1163	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-1/2"-10	6"	E-15052	n/a	Replaces AS1169	Use clevis with 1.30" pin center
1-1/2"-10	6-1/2"	E-15032	E-15071	Replaces AS1148	Use clevis with 1.02" pin center
1-1/2"-10	6-1/2"	E-15047	E-15073	Replaces AS1164	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-1/2"-10	6-1/2"	E-15057	n/a	Replaces AS1174	Use clevis with 1.30" pin center
1-1/2"-28	5-1/2"	E-15033	E-15071	Replaces AS1149	Use clevis with 1.02" pin center
1-1/2"-28	5-1/2"	E-15048	E-15073	Replaces AS1165	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-1/2"-28	5-1/2"	E-15055	n/a	Replaces AS1172	Use clevis with 1.30" pin center
1-1/2"-28	6"	E-15034	E-15071	Replaces AS1150	Use clevis with 1.02" pin center
1-1/2"-28	6"	E-15049	E-15073	Replaces AS1166	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-1/2"-28	6"	E-15056	n/a	Replaces AS1173	Use clevis with 1.30" pin center
1-1/2"-28	6-1/2"	E-15035	E-15071	Replaces AS1151	Use clevis with 1.02" pin center
1-1/2"-28	6-1/2"	E-15050	E-15073	Replaces AS1167	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-1/2"-28	6-1/2"	E-15058	n/a	Replaces AS1175	Use clevis with 1.30" pin center
1-5/8"-37	5-1/2"	E-15027	E-15071	Replaces AS1143	Use clevis with 1.02" pin center
1-5/8"-37	5-1/2"	E-15042	E-15073	Replaces AS1159	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-5/8"-37	6"	E-15028	E-15071	Replaces AS1144	Use clevis with 1.02" pin center
1-5/8"-37	6"	E-15043	E-15073	Replaces AS1160	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center
1-5/8"-37	6-1/2"	E-15029	E-15071	Replaces AS1145	Use clevis with 1.02" pin center
1-5/8"-37	6-1/2"	E-15044	E-15073	Replaces AS1161	Extended length collar lock Clevis with stainless steel pins - 1.02" pin center






SLACK ADJUSTERS

HARDWARE						
	EUCLID PART NO.	CLEVIS TYPE	STYLE	PUSH ROD THREAD	COMMENTS	APPLICATION INFORMATION
	E-15061	Threaded	Straight	5/8"-18	Replaces AS3000	Pin cl-to-cl 1.02in.
	E-15062	Threaded	Straight	1/2"-20	Replaces AS3001	Pin cl-to-cl 1.02in.
	E-15063	Threaded	5/8" Offset	1/2"-20	Replaces AS3002	Pin cl-to-cl 1.02in.
	E-15064	Threaded	5/8" Offset	5/8"-18	Replaces AS3003	Pin cl-to-cl 1.02in.
	E-15066	Threaded	Straight	1/2"-20	Replaces AS3012	For application with 5/8" Clevis Pins Pin cl-to-cl 1.02in.
	E-15067	Extended Threaded	Straight	5/8"-18	Replaces AS3013	Pin cl-to-cl 1.02in.
	E-15068	Extended Threaded	Straight	5/8"-18	Replaces AS3015	Furnished with Stainless Steel Clevis Pins Pin cl-to-cl 1.02in.

SLACK ADJUSTERS

Note: For greaseable pins see page 3-49 under "Safety Check" Section.

HARDWARE

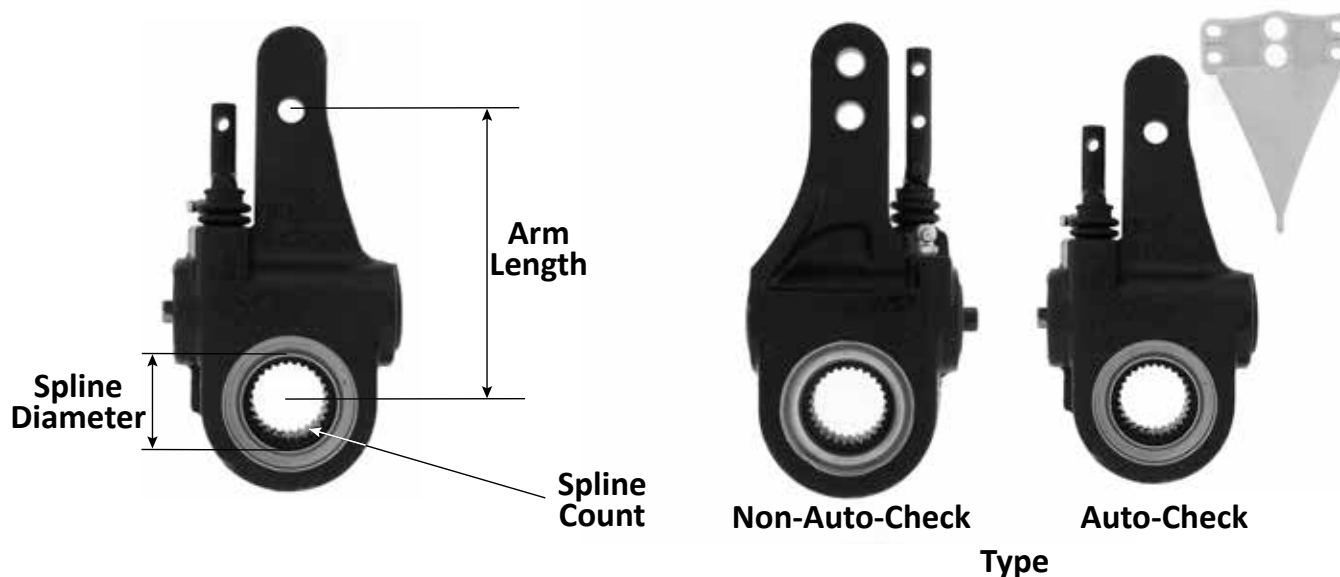
	EUCLID PART NO.	CLEVIS TYPE	STYLE	PUSH ROD THREAD	COMMENTS	APPLICATION INFORMATION
	E-15069	Collar Lock	Straight	5/8"-18	Replaces AS3016	Pin cl-to-cl 1.02in.
	E-15070	Collar Lock	Straight	1/2"-20	Replaces AS3017	Pin cl-to-cl 1.02in.
	E-15071	Extended Collar Lock	Straight	5/8"-18	Replaces AS3018	Pin cl-to-cl 1.02in.
	E-15072	Collar Lock	Straight	1/2"-20 & 5/8"-18	Replaces AS3019	Furnished with (1) 1/2" and (1) 5/8" Collar Nuts Pin cl-to-cl 1.02in.
	E-15073	Extended Collar Lock	Straight	5/8"-18	Replaces AS3021	With Stainless Steel Clevis Pins Pin cl-to-cl 1.02in.

Above referenced kits contain a Clevis that has a 1.02" pin center distance. When installing or replacing a Gunite Automatic Slack Adjuster, it is recommended that a new clevis assembly be installed in accordance with the Gunite Automatic Slack Adjuster Service Manual.

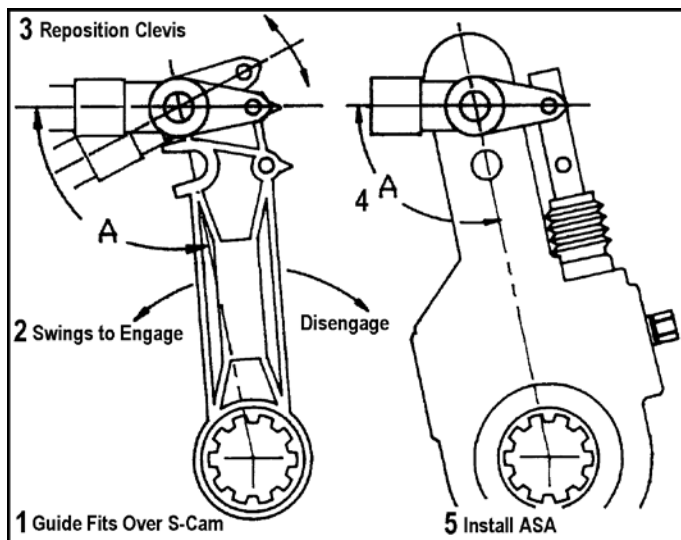
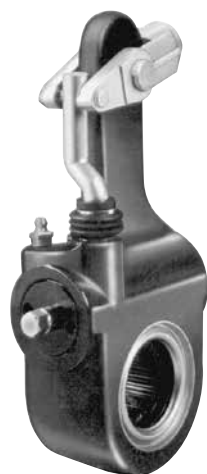
Note: For greaseable pins see page 3-49 under "Safety Check" Section.

SLACK ADJUSTERS

HOW TO IDENTIFY



INSTALLATION GUIDE



FEATURES

- Clearance AND Load Sensing
- Link Rod Actuation
- Adjusts on Return Stroke
- Easy Manual Adjustment
- Extra Grease Sealing
- Fewer Part Numbers for Full Coverage:
 - Less Confusion
 - Reduced Inventory
- "User-Friendly" Installation Guide
 - Included in Each Kit
- Corrosion Resistant "E" Coating

PROCEDURE

1. Guide fits on the S-Cam before Automatic Slack Adjuster is installed.
2. Installation guide easily swings to engage clevis pin.
3. Reposition clevis until holes line up with guide.
4. Guide indicates exact set up angle "A".
5. Automatic Slack Adjuster is now installed without excessive manual adjustment that wears adjuster components.

SLACK ADJUSTERS

CREWSON AUTOMATIC SLACK ADJUSTER CROSS REFERENCE


STEMCO#	CREWSON#	EUCLID#	TYPE
MK24100S	CI24100	E-6987B	Non-Check
MK24300S	CI24300	E-6988B	Non-Check
MK25100S	CI25100	E-6989B	Non-Check
MK25300S	CI25300	E-6990B	Non-Check
MK21103SB	CI21103	E-6991B	Non-Check
MK21102SB	CI21102	E-6992B	Non-Check
MK22103SB	CI22103	E-6993B	Non-Check
MK22102SB	CI22102	E-6994B	Non-Check
MK23103SB	CI23103	E-6995B	Non-Check
MK23102SB	CI23102	E-6996B	Non-Check
MK42100SA	CI42100	E-10779A	Auto-Check
MK41100SA	CI41100	E-10780A	Auto-Check
MK42106SA	CI42106	E-10781A	Auto-Check
MK41106SA	CI41106	E-10782A	Auto-Check
MK43106SA	CI43106	E-10783A	Auto-Check
MK34100SA	CI34100	E-10784A	Auto-Check
MK42100SA	CI72100	E-10785A	Auto-Check
MK41100SA	CI71100	E-10786A	Auto-Check
MK43106SA		E-10787A	Auto-Check
MK42106SA	CI72106	E-10788A	Auto-Check
MK41106SA	CI71106	E-10789A	Auto-Check
MK22153SE	CI22153	E-10949B	Non-Check
MK21153SE	CI21153	E-10950B	Non-Check
MK44101SA		E-11872	Auto-Check
MK42101SA	CI42101	E-11873	Auto-Check
MK43101SA		E-11875	Auto-Check
MK35100SA	CI35100	E-11877	Auto-Check
MK351200SA	CI35200	E-11879	Auto-Check
MK34200SA	CI34200	E-11880	Auto-Check

SLACK ADJUSTERS


CREWSON AUTOMATIC SLACK ADJUSTER KITS

Brake and
Wheel End


15" STEERING AXLE APPLICATION

	SPLINE SIZE	ARM LENGTH	INCLUDES CLEVIS	EUCLID KIT NO.	APPLICATION
	1-1/4"-10	5-1/2"	5/8"-18 Offset 5/8"	E-6988B	For Meritor T Series & Eaton Single Anchor Brakes.
5/8"-18 Straight			E-6987B		
1-1/4"-24	5-1/2"	5/8"-18 Offset 5/8"	E-6990B	For Meritor Q and T Series Brakes.	
		5/8"-18 Straight	E-6989B		

16-1/2" DRIVE AND TRAILER AXLE APPLICATION

	SPLINE SIZE	ARM LENGTH	INCLUDES CLEVIS	EUCLID KIT NO.	APPLICATION
	1-1/2"-10	5" - 6"	5/8"-18 Straight	E-6991B	For Bendix, Eaton, Fruehauf, Meritor and Spicer Brakes.
1-1/2"-10	5-1/2" - 6-1/2"	5/8"-18 Straight	E-6992B		
1-1/2"-28	5" - 6"	5/8"-18 Straight	E-6993B	For Eaton, Meritor and Spicer Brakes.	
1-1/2"-28	5-1/2" - 6-1/2"	5/8"-18 Straight	E-6994B		
1-5/8"-37	5" - 6"	5/8"-18 Straight	E-6995B	For Fruehauf Brakes.	
1-5/8"-37	5-1/2" - 6-1/2"	5/8"-18 Straight	E-6996B		


12-1/4" TRAILER AXLE APPLICATION

	SPLINE SIZE	ARM LENGTH	INCLUDES CLEVIS	EUCLID KIT NO.	APPLICATION
	1-1/2"-10	5" - 6"	5/8"-18 Straight	E-10950B	
1-1/2"-28	5" - 6"	5/8"-18 Straight	E-10949B		





NOTE: 14° Curve in Control Arm

SLACK ADJUSTERS

CREWSON AUTO-CHECK™ AUTOMATIC SLACK ADJUSTER KITS

	SPLINE SIZE	ARM LENGTH	CHAMBER SIZE	CHAMBER STROKE	INCLUDES CLEVIS	EUCLID NO.	APPLICATION
		1-1/4"-10	5-1/2"	Type 16/20	Standard	1/2"-20 Straight	E-11880
Type 20/24				5/8"-18 Straight		E-10784A	
1-1/4"-24		5-1/2"	Type 16/20	Standard	1/2"-20 Straight	E-11879	For Meritor Q & T Series Brakes.
			Type 24		5/8"-18 Straight	E-11877	
1-1/2"-10		5-1/2"	Type 30	Standard	5/8"-18 Straight	E-10780A	For 16-1/2" Meritor and Eaton Drive Axle Applications.
		6"				E-10782A	For 16-1/2" Meritor, Eaton and Spicer Trailer Axle Applications.
1-1/2"-28		5-1/2"	Type 30	Long Stroke	5/8"-18 Straight	E-10785A	For 16-1/2" Meritor and Eaton Drive Axle Applications.
				Standard		E-10779A	
		6"		Long Stroke		E-10788A	For 16-1/2" Meritor, Eaton and Spicer Trailer Axle Applications.
		Standard		E-10781A			
6-1/2"	Standard	E-11873					
1-5/8"-37	6"	Type 30	Standard	5/8"-18 Straight	E-10783A	For 16-1/2" Fruehauf Trailer Axle Applications.	

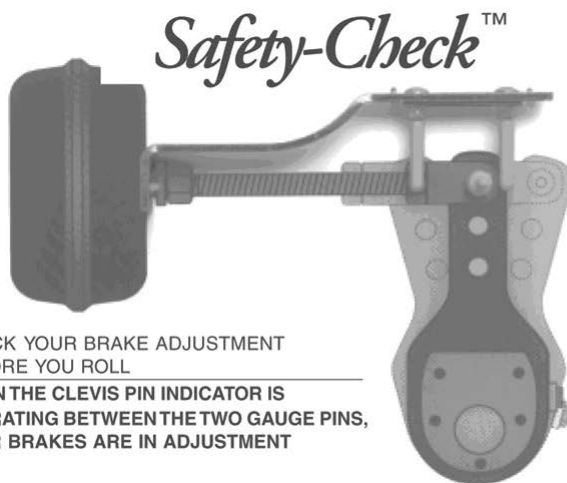
CREWSON AUTOMATIC SLACK ADJUSTER CLEVIS KITS

	EUCLID KIT NO.	FITS PUSH ROD THD.	STRAIGHT OR OFFSET	APPLICATION
	E-9135	5/8"-18	5/8" Offset	Clevis Kit contains: (1) 1/2" Pin, (1) 1/4" Pin, (1) Clevis, (2) Cotter Pins. Note: To be used with early design only. Pin C/L to C/L is 1.25in. Color is Gold.
	E-9132	1/2"-20	Straight	Clevis Kit contains: (1) 1/2" Pin, (1) 1/4" Pin, (1) Clevis, (2) Cotter Pins. Note: To be used with early design only. Pin C/L to C/L is 1.25in. Color is Gold.
	E-9133	5/8"-18	Straight	
	E-11884	1/2"-20	5/8" Offset	Clevis Kit contains: (1) 1/2" Pin, (1) 1/4" Pin, (1) Clevis, (2) Cotter Pins. Note: To be used with current design only. Pin C/L to C/L is 1.38in. Color is Black.
	E-11885	5/8"-18	5/8" Offset	
	E-11883	1/2"-20	Straight	Clevis Kit contains: (1) 1/2" Pin, (1) 1/4" Pin, (1) Clevis, (2) Cotter Pins. Note: To be used with current design only. Pin C/L to C/L is 1.38in. Color is Black.
	E-11882	5/8"-18	Straight	
	E-11881	1/2"-20	Straight Auto Check	
	E-11890	5/8"-18	Straight Auto Check	

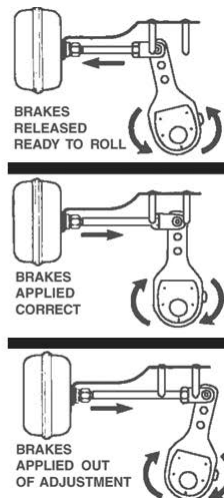
SLACK ADJUSTERS






SAFETY CHECK™ BRAKE GAUGES

Brake and Wheel End



CHECK YOUR BRAKE ADJUSTMENT BEFORE YOU ROLL
 WHEN THE CLEVIS PIN INDICATOR IS OPERATING BETWEEN THE TWO GAUGE PINS, YOUR BRAKES ARE IN ADJUSTMENT



	EUCLID NO.	DESCRIPTION
 <p>Drive Axle</p>	E-10093A	1/2" Drive Axle Kit
	E-10094A	5/8" Drive Axle Kit
 <p>Steer Axle</p>	E-10095A	1/2" Steer Axle Kit
	E-10096A	5/8" Steer Axle Kit
 <p>Trailer Axle Intraax</p>	E-10092A	Trailer Axle Kit
	E-10885	INTRAAAX® Trailer Axle Kit
	E-10097	1/2" Clevis Pin
	E-10097G	1/2" Grease Type Clevis Pin
	E-10098	5/8" Clevis Pin
	E-10098G	5/8" Grease Type Clevis Pin
	E-10952	1/2" Greasable Clevis Pin

SLACK ADJUSTERS

SECTION 4 — BRAKE CHAMBERS

Brake and
Wheel End

EUCLID BRANDED CAM SPRING BRAKES AND COMPONENTS - - - - -	4-2
HALDEX CAM SPRING BRAKES AND COMPONENTS - - - - -	4-4
WEDGE SPRING BRAKES AND COMPONENTS - - - - -	4-7
HALDEX SERVICE COMPONENTS - - - - -	4-7
HALDEX CAM SPRING BRAKES AND COMPONENTS - - - - -	4-8
HALDEX SERVICE COMPONENTS - - - - -	4-9


BRAKE CHAMBERS

EUCLID BRANDED CAM SPRING BRAKES AND COMPONENTS


SEALED SPRING BRAKE COMBINATION UNITS FOR S-CAM BRAKES

	EUCLID NO.	MODEL NO.	PUSH ROD THREAD SIZE	STROKE	CLEVIS INCLUDED
	E-BC2024C	2024	2024	5/8"-18	Standard 2.5"
E-BC2424C	2424	2424	5/8"-18	Standard 2.5"	Y(1)
E-BC2430C	2430	2430	5/8"-18	Standard 2.5"	Y(1)
E-BC2430C-EL	2430	2430	5/8"-18	Long Stroke 3"	Y(1)
E-BC3030CPLBX	3030	3030	5/8"-18	Standard 2.5"	Y(1)
E-BC3030C-EL	3030	3030	5/8"-18	Long Stroke 3"	Y(1)
E-BC3036C	3036	3036	5/8"-18	Standard 2.5"	N
E-BC3636C	3636	3636	5/8"-18	Standard 2.5"	N

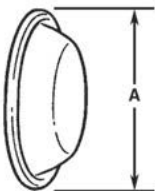
SEALED SPRING BRAKE PIGGYBACK UNITS FOR S-CAM BRAKES

	EUCLID NO.	MODEL NUMBER	STROKE	CLEVIS INCLUDED
	E-BC3030P-L	3030	3030	Standard 2.25"
E-BC3030PK-L	3030	3030	Standard 2.25"	N
E-BC3030P-EL	3030	3030	Long Stroke 3"	N
E-BC3030PK-EL	3030	3030	Long Stroke 3"	N

BRAKE SERVICE CHAMBERS FOR S-CAM BRAKES

	EUCLID NO.	MODEL NO.	PUSH ROD THREAD SIZE	STROKE	CLEVIS INCLUDED
	E-BC12S	Type 12	Type 12	1/2"-20	Standard 1.75"
E-BC16S	Type 16	Type 16	1/2"-20	Standard 2.25"	Y(2)
E-BC20S	Type 20	Type 20	5/8"-18	Standard 2.25"	Y(1)
E-BC24S	Type 24	Type 24	5/8"-18	Standard 2.25"	Y(1)
E-BC24S-EL	Type 24L	Type 24L	5/8"-18	Long Stroke 3"	Y(1)
E-BC30S	Type 30	Type 30	5/8"-18	Standard 2.25"	Y(1)
E-BC30S-EL	Type 30L	Type 30L	5/8"-18	Long Stroke 3"	Y(1)

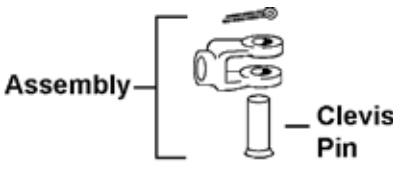
BRAKE SERVICE CHAMBER DIAPHRAGMS - NYLON FABRIC REINFORCED RUBBER

	EUCLID NO.	FOR SERVICE CHAMBER	"A" DIAMETER
	E-8890	Type 16 Cam	Type 16 Cam
E-8891	Type 20 Cam	Type 20 Cam	6-1/2"
E-8892	Type 24 Cam	Type 24 Cam	7-1/8"
E-11888	Type 24 Extra Long Stroke	Type 24 Extra Long Stroke	7-1/8"
E-8894	Type 30 Cam	Type 30 Cam	7-7/8"
E-11889	Type 30 Extra Long Stroke	Type 30 Extra Long Stroke	7-7/8"
E-8895	Type 36 Cam	Type 36 Cam	8-3/4"






BRAKE CHAMBERS

EUCLID BRANDED CAM SPRING BRAKES AND COMPONENTS

Brake and
Wheel End

CLEVIS ASSEMBLIES AND CLEVIS PINS				
	EUCLID NO.	DESCRIPTION	CLEVIS THREAD SIZE	CLEVIS PIN DIA.
	E-11989	Clevis Pin		1/2"
	E-11990	Clevis Pin		5/8"
	E-8896	Clevis Assembly	1/2"-20	1/2"
	E-8897	Clevis Assembly	5/8"-18	1/2"
	E-8898	Clevis Assembly	5/8"-18	5/8"
	E-8899	Clevis Assembly	3/4"-16	1/2"

Note: For greaseable pins see page 3-49 under "Safety Check" Section.

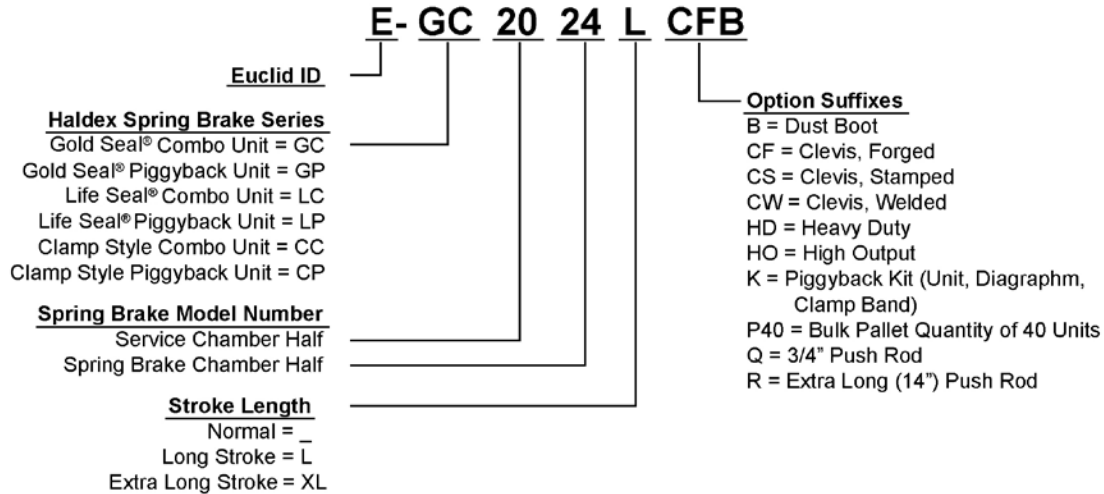
AIR CHAMBER BRACKETS		
EUCLID NO.	GENERAL INFORMATION	
	E-2096	Meritor Paymaster 4" x 6" Axle. For 16-1/2" Brakes.
	E-2518A	Spicer and Standard Forge Axles. 5/16" Thick. Also used on any 5" Round Axle using Spring Brakes. For 16-1/2" Brakes.
	E-2681A	Meritor 5" Round Axle. For 16-1/2" Brakes.
	E-3781	Fruehauf Pro-Par® Axle with 16-1/2" Brakes. Allows use of 5-1/2" or 6" Slack Adjusters. Sold as Set Only.
	E-631	Universal for Most 4-1/2" and 5" Round Axles. 5/16" Thick. Used with Spring Brakes. For 16-1/2" Brakes.

BRAKE CHAMBERS

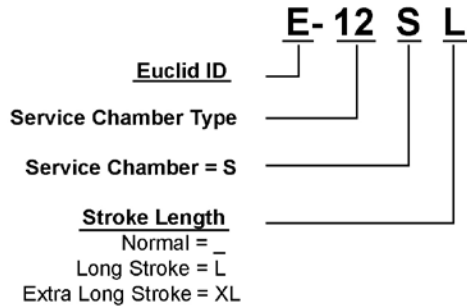
HOW TO ORDER

Locate the model number or chamber type on the unit. The location of the model number or chamber type on Haldex units is shown below. The Euclid part number is the Haldex part number preceded by "E-".

Haldex Spring Brakes



Haldex Brake Chambers

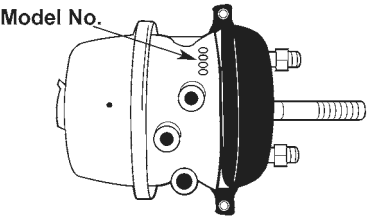


Cam combination units, piggybacks, and service chambers stocked at Euclid are shown. Other sizes and service components not listed here are available by contacting Euclid's Special Order Service (S.O.S.) Department.

Note: Gold Seal (GC) comes with caging bolt.
 Life Seal (LC); no caging bolt needed.

BRAKE CHAMBERS

SPRING BRAKE COMBINATION UNITS FOR S-CAM BRAKES

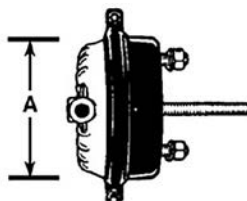
	EUCLID NO.	REPLACES HALDEX NO.	STYLE	MODEL NO.	PUSH ROD THREAD SIZE	STROKE SIZE
	E-GC3030	CC3030	Clamp	3030	5/8"-11	2.5"
E-GC2024	GC2024	Gold Seal® - Sealed	2024	5/8"-18	2.25"	
E-GC2424	GC2424	Gold Seal® - Sealed	2424	5/8"-18	2.25"	
E-GC2424L	GC2424L	Gold Seal® - Sealed	2424	5/8"-18	2.5"	
E-GC2430	GC2430	Gold Seal® - Sealed	2430	5/8"-18	2.25"	
E-GC2430L	GC2430L	Gold Seal® - Sealed	2430	5/8"-18	2.5"	
E-GC3030	GC3030	Gold Seal® - Sealed	3030	5/8"-18	2.5"	
E-GC3030CF	GC3030CF	Gold Seal® - Sealed	3030	5/8"-18	2.5"	
E-GC3030CFP40	GC3030CFP40	Gold Seal® - Sealed	3030	5/8"-18	2.5"	
E-GC3030L	GC3030L	Gold Seal® - Sealed	3030	5/8"-18	3.0"	
E-GC3030P40	GC3030P40	Gold Seal® - Sealed	3030	5/8"-18	2.5"	
E-GC3030R	GC3030R	Gold Seal® - Sealed	3030	5/8"-18	2.5"	
E-GC3036	GC3036	Gold Seal® - Sealed	3036	5/8"-18	2.5"	
E-GC3036L	GC3036L	Gold Seal® - Sealed	3036	5/8"-18	3.0"	
E-GC3636	GC3636	Gold Seal® - Sealed	3636	5/8"-18	3.0"	
E-LCP3030	LC3030	Life Seal® - Sealed	3030	5/8"-18	2.5"	
E-LCP3030R	LC3030R	Life Seal® - Sealed	3030	5/8"-18	2.5"	
E-LCP3030R	LCP3030R	Life Seal® - Sealed	3030	5/8"-18	2.5"	

SPRING BRAKE PIGGYBACK UNITS FOR S-CAM BRAKES

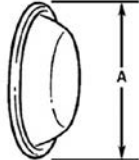
	EUCLID NO.	REPLACES HALDEX NO.	STYLE	MODEL NO.	STROKE SIZE
	E-GP1624	GP1624	Gold Seal® - Sealed	1624	2.25"
E-GP2024	GP2024	Gold Seal® - Sealed	2024	2.25"	
E-GP2424	GP2424	Gold Seal® - Sealed	2424	2.25"	
E-GP2424L	GP2424L	Gold Seal® - Sealed	2424	2.5"	
E-GP2430	GP2430	Gold Seal® - Sealed	2430	2.25"	
E-GP2430L	GP2430L	Gold Seal® - Sealed	2430	2.5"	
E-GP2430XL	GP2430XL	Gold Seal® - Sealed	2430XL	3.0"	
E-GP3030	GP3030	Gold Seal® - Sealed	3030	2.5"	
E-GP3030K	GP3030K	Gold Seal® - Sealed	3030	2.5"	
E-GP3030LK	GP3030LK	Gold Seal® - Sealed	3030	3.0"	
E-GP3036	GP3036	Gold Seal® - Sealed	3036	2.5"	
E-GP3636	GP3636	Gold Seal® - Sealed	3636	3.0"	
E-LPP3030K	LP3030K	Life Seal® - Sealed	3030	2.5"	

BRAKE CHAMBERS

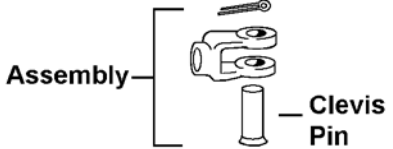
BRAKE SERVICE CHAMBERS FOR S-CAM BRAKES

	EUCLID NO.	REPLACES HALDEX NO.	A	MODEL NO.	PUSH ROD THREAD SIZE	STROKE SIZE
	E-12S	SC12	4"	Type 12	1/2"-20	1.75"
	E-16S	SC16	4-19/32"	Type 16	1/2"-20	2.25"
	E-20S	SC20	7"	Type 20	5/8"-18	2.25"
	E-24S-L	SC24L	7-1/2"	Type 24	5/8"-18	2.5"
	E-24S	SC24	7-1/2"	Type 24	5/8"-18	2.25"
	E-30S	SC30	8-13/64"	Type 30	5/8"-18	2.5"
E-36S	SC36	9-5/16"	Type 36	5/8"-18	3.0"	

BRAKE SERVICE CHAMBER DIAPHRAGMS - NYLON FABRIC REINFORCED RUBBER


	EUCLID NO.	FOR SERVICE CHAMBER	A DIAMETER
	E-12734	T-36	8-1/2"
	E-12772	T-20L	6-9/16"
	E-12773	T-30L	7-7/8"

CLEVIS ASSEMBLIES AND CLEVIS PINS

	EUCLID NO.	REPLACES HALDEX NO.	DESCRIPTION	CLEVIS THREAD SIZE	CLEVIS PIN DIA.
	E-8896	CF1	Clevis Assy. - Forged	1/2"-20	1/2"
	E-12757	CF2	Clevis Assy. - Forged	5/8"-18	1/2"
	E-12761	CS2	Clevis Assy. - Stamped	5/8"-18	1/2"

Note: For greaseable pins see page 3-49 under "Safety Check" Section.

PRESSURE HOUSING

	EUCLID NO.	REPLACES HALDEX NO.	TYPE	STROKE	GENERAL INFORMATION
	E-12777	PH30	T-30	2.50" (64mm)	3/8"-18 NPTF air inlet

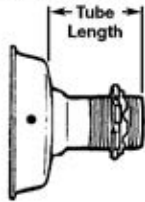
BRAKE CHAMBERS

CLAMP STYLE SPRING BRAKE COMBINATION UNITS FOR WEDGE BRAKES — MERITOR COMBINATION TYPE

HOW TO ORDER

Locate the model number or chamber type on the unit. The location of the model number or chamber type on Haldex units is shown below. The Euclid part number is the Haldex part number preceded by "E-".

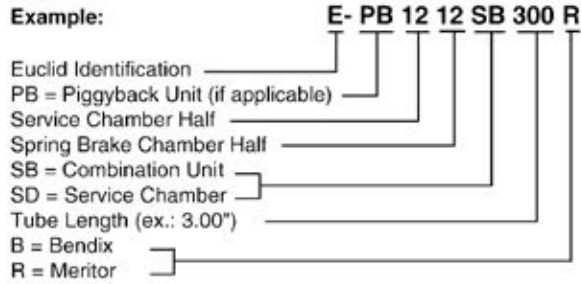
When combination service/spring brake units are ordered, tube length and brake manufacturer (Bendix or Meritor) **MUST BE SPECIFIED.** See illustration.



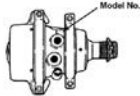
The following is a list of available tube lengths:
 2.25", 3.00" (Bendix or Meritor)
 3.50", 4.00", 9.38", 10.20" (Meritor Only)
 14.50" (Bendix Only)

The tube length is determined by measuring from the end of the tube to the flat on the housing.

Example:



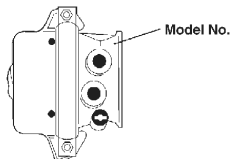
Wedge brake combination units and service chambers stocked at Euclid are shown below. Other sizes and service components are available by contacting Euclid's Special Order Service (S.O.S.) Department.

	EUCLID NO.	REPLACES HALDEX NO.	MODEL NO.	TUBE LENGTH	STROKE LENGTH
	E-1212SB300R	1212SB300R	1212	3"	1.75"
	E-1216SB300R	1216SB300R	1216	3"	1.75"

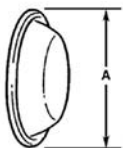
BRAKE SERVICE CHAMBERS FOR WEDGE BRAKES

	EUCLID NO.	REPLACES HALDEX NO.	MODEL NO.	PRESSURE CAP DIA.	TUBE LENGTH	STROKE LENGTH
	E-09SD300R	09SD300R	09SD300R	3"	3"	1.75"
	E-12SD300R	12SD300R	12SD300R	3-1/2"	3"	1.75"

CLAMP STYLE SPRING BRAKE PIGGYBACK UNITS FOR WEDGE BRAKES


	EUCLID NO.	REPLACES HALDEX NO.	MODEL NO.	STROKE LENGTH
	E-PB0912	0912PB	0912	1.75"
	E-PB0916	0916PB	0916	1.75"
	E-PB1212	1212PB	1212	1.75"
	E-PB1216	1216PB	1216	1.75"

BRAKE SERVICE CHAMBER DIAPHRAGMS - NYLON FABRIC REINFORCED RUBBER

	EUCLID NO.	FOR SERVICE CHAMBER	"A" DIAMETER
	E-8888	Type 9 Wedge	5"
	E-8889	Type 12 Wedge/Cam	5-1/2"


HALDEX SERVICE COMPONENTS

CAGING TOOL PLUG


	EUCLID NO.	REPLACES HALDEX NO.	GENERAL INFORMATION
	E-12746	RTP2	For Midland Style
	E-12747	RTP3	For Gold Seal® 3036 and 3636

BRAKE CHAMBERS


CAGING TOOL PLUG

	EUCLID NO.	COLOR	REPLACES HALDEX NO.	GENERAL INFORMATION
	E-11991	Blue	RTP1	Tethered Plug for Cam Brake Combination and Piggyback Units. For Gold Seal® & Clamp Style except xx36.
	E-9112	Blue	9999039	Untethered Plug for Wedge Brake Combination and Piggyback Units.

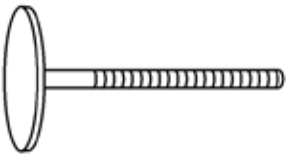
RELEASE STUD ASSEMBLY

	EUCLID NO.	REPLACES HALDEX NUMBER	GENERAL INFORMATION
	E-11988	RT1	For all DDSB except xx36
	E-12743	RT2	For 3036 and 3636
	E-9115	44M011	0912, 1212
	E-12743	128M1011	3036, 3636
	E-11988	11L011	2430-LS


CLAMP RING ASSEMBLY (SERVICE CHAMBER)

	EUCLID NO.	REPLACES HALDEX NUMBER	FOR SERVICE CHAMBER:
	E-11992	1127M005-CA	T-24
	E-12749	CB12	T-12
	E-12750	CB16	T-16
	E-12752	CB20S1	T-20
	E-9118	1126M005-CA	T-30
	E-9120	1128M005-CA	T-36
E-9121	1133M005-CA	T-20	


SERVICE PUSH RODS


	EUCLID NO.	REPLACES HALDEX NO.	THD. LENGTH	THREAD SIZE	FOR USE WITH:
	E-11983	24-1250-0940	11-5/32"	5/8"-18 UNF	24S, 2424, 2430
	E-11987	36-1250-0875-4	8-3/4"	3/4"-14 UNF	36S, 3636
	E-11986	36-1250-0875	8-3/4"	5/8"-18 UNF	36S, 3636
	E-11985	30-1250-0925-4	9-1/4"	3/4"-14 UNF	30S, 3030, 3036
	E-11984	30-1250-0925	9-1/4"	5/8"-18 UNF	30S, 3024, 3030, 3036
	E-11983	24L-1250-0925	9-1/4"	5/8"-18 UNF	24-LS, 2424-LS, 2430-LS


SERVICE RETURN SPRING

	EUCLID NO.	REPLACES HALDEX NO.	GENERAL INFORMATION
	E-12776	RS5	For Haldex and current T-30 and G(L)C 3030 2.5" models
	E-9130	11M016	For chamber type 20S, 24S, 24S-LS, 30S, 36S.
	E-9131	1128M016	Heavy duty. For chamber type 36S.

BRAKE CHAMBERS

BOOT ASSEMBLY			
	EUCLID NO.	REPLACES	GENERAL INFORMATION
	E-12728	Haldex BA1	For 5/8" push rod
	E-2764	Haldex 11M034 MGM 9004001	Used on Severe Service Operations, Gravel Haulers, and Transit Mix Trucks.

AIR CHAMBER CLAMPING BOLT AND NUT			
	EUCLID NO.	THREAD	LENGTH
	E-2144		3/8"-16

JAM NUTS			
	EUCLID NO.	REPLACES HALDEX NUMBER	THREAD SIZE
	E-12766		HW5

NOTES:


BRAKE CHAMBERS



SECTION 5 — WEDGE BRAKES

Brake and
Wheel End

PARTS FOR BENDIX WEDGE BRAKE - - - - -	5-2
EUCLID HDG WEDGE BRAKE LUBRICANT - - - - -	5-2
PARTS FOR BENDIX WEDGE BRAKE - - - - -	5-3
MERITOR STOPMASTER WEDGE BRAKE PARTS - - - - -	5-5

PARTS FOR BENDIX WEDGE BRAKE

	EUCLID NO.	SLOT WIDTH	APPLICATION INFORMATION
	E-2282	1/4"	Non-Servo. Adjusting Screw. Use with 15" x 3 and 3-1/2" shoes
E-2281	5/16"	Twin Plex. Adjusting Screw. Use with 15" x 5, 6 and 7" shoes	


	EUCLID NO.	DESCRIPTION	O.D.	LENGTH	APPLICATION
	E-1217	Adjusting Nut Cap			
	E-2162	Adjusting Spring	3/4"	1-1/2"	

	EUCLID NO.	DESCRIPTION
	E-1215	Adjusting Nut Spring

	EUCLID NO.	DESCRIPTION
	E-1216	Adjusting Nut







EUCLID HDG WEDGE BRAKE LUBRICANT

E-2015



	APPLICATION
	<p>HDG is recommended for all Wedge Brakes. Apply HDG generously to the Plungers and Rollers of the Wedge Assembly and to the inside of the Seal Assembly also. Each can is 6-1/2 oz.</p> <p>HDG is formulated to:</p> <ul style="list-style-type: none"> • Withstand High Temperatures • Be Waterproof • Be Corrosion Resistant • Provide Long Life • Resist Extreme Pressure • Be Smooth In Texture • Have A Thin Film Capacity



PARTS FOR BENDIX WEDGE BRAKE


Brake and
Wheel End

	EUCLID NO.	DESCRIPTION		
	E-1493	Pin		
	E-1495	Cap		
	E-1218	Adjusting Piston		
	EUCLID NO.	O.D.	LENGTH	APPLICATION
 <p>BLACK</p>	E-2163	15/16"	7-1/2"	For Twin-plex Drive and Trailer Wedge Brakes. Use with E-2164 Damper.
	E-2552	1/8"	7-1/2"	Shoe Stabilizer Guide used on Late Model spider with wide shoe guide.
 <p>RED</p>	E-2745	15/16"	8-3/8"	For Bendix Non-Servo Front Brake

PARTS FOR BENDIX WEDGE BRAKE

	EUCLID NO.	DESCRIPTION
	E-1214	Adjusting Piston Boot
	E-1230	Anchor Piston Boot

ADJUSTING BOLTS		
	EUCLID NO.	GENERAL INFORMATION
	E-2484	For 12-1/4" RD Brakes and 15" Rear RD Brakes.
	E-3492	For 15" Front RS and RD Brakes, Backing Plate Mounted.

ADJUSTING SLEEVES		
	EUCLID NO.	GENERAL INFORMATION
	E-5531	Blue Plated. For 12-1/4" RD Brakes and 15" Rear RD Brakes. Use with E-2484 or E-2485 Adjusting Bolts. Use with E-5539 Pawl Assembly. Replaces E-2486.




ADJUSTING PLUNGER ASSEMBLIES TO CONVERT OLDER STOPMASTER MODELS TO CURRENT STYLE			
	EUCLID NO.	WEDGE DEGREE	INCLUDES
<p>Degrees Stamped Here</p> 	E-3997	12°	1 E-5534 Adjusting Plunger 1 E-5531 Adjusting Sleeve 1 E-5539 Pawl Assembly



ANCHOR PLUNGERS




↑
Degrees
Stamped
Here

EUCLID NO.	LH/RH	WEDGE DEGREE	GENERAL INFORMATION
E-1137	LH	12°	
E-1136	RH		
E-2138	RH	16°	

SEALS			
	EUCLID NO.	COLOR	GENERAL INFORMATION
	E-3994	Blue	Adjusting Bolt Seal. For 12-1/4" RD Brakes and 15" Rear RD Brakes.
	E-3995	Blue	Anchor Seal. For 12-1/4" RD Brakes and 15" Rear RD Brakes.
	E-5532	Green	Adjusting Bolt and Anchor Seal for 15" Front Brakes. Replaces E-1447, E-1518 O.D. 1.352" I.D. 0.450"


ADJUSTING PAWL ASSEMBLIES			
	EUCLID NO.	COLOR	GENERAL INFORMATION
	E-5539		1 Adjuster Pawl 1 Pawl Spring Cap 1 Pawl Spring 1 Seal For Drive and Trailer Brakes 1986 - Up. Use With E-5531 Adjusting Sleeve.
	E-5540		1 Adjuster Pawl, 1 Pawl Spring Cap, 1 Pawl Spring For Front Brakes Use with E-3499 Adjusting Sleeve. Also for Pre-1986 Drive and Trailer Brakes. Replaces: E-2190, E-2191, E-2192





WEDGE ASSEMBLIES (WEDGE DEGREE STAMPED ON END OF WEDGE STEM)


	EUCLID NO.	WEDGE DEGREE
	E-1261	12°
	E-2141	14°
	E-2142	16°

NOTE: Do not increase or decrease by more than 2°.

WEDGE BRAKE SHOES - RS AND RD


	EUCLID NO.	SIZE	FMSI NO.	RIVET NO.
	E-2689	15" x 5"	4615	10-9
	E-1139	15" x 7"	4602	10-9

WEDGE RETURN SPRING				
	EUCLID NO.	LENGTH	O.D.	GENERAL INFORMATION
 <p>GREEN</p>	E-1458	6"	9/16"	For "RS" Brakes and Pre-121 15" RD Brakes.
 <p>BLACK</p>	E-1140	7-3/4"	29/32"	For 15" x 6" and 7" RD and Weld-On RD Trailer Brakes. Replaces old style blue and green spring.
 <p>YELLOW</p>	E-2476	8-3/8"	1"	For Meritor Front Axle Wedge Brake Square Connecting Rod For Application on Cast Spider
	E-7211	8-35/64"	15/16"	For All 15" RD Brakes


BRAKE SHOE CLIP ASSEMBLY			
	EUCLID NO.	INCLUDES	GENERAL INFORMATION
	E-2522	1 Shoe Clip; 1 Clip Bolt; 1 Washer; 1 Nut	For Drive and Trailer Brakes with Cast Spiders.

WEDGE BRAKES


BRAKE SHOE HOLD DOWN KIT

	EUCLID NO.	GENERAL INFORMATION
	E-3525	For RS and RD Brakes with Backing Plates. Includes enough parts to service one wheel.


WEDGE GUIDE

	EUCLID NO.	GENERAL INFORMATION
	E-1262	Fits end of Air Chamber Push Rod.


COLLET NUT

	EUCLID NO.	GENERAL INFORMATION
	E-1128	Attaches Air Chamber to Wedge Housing.

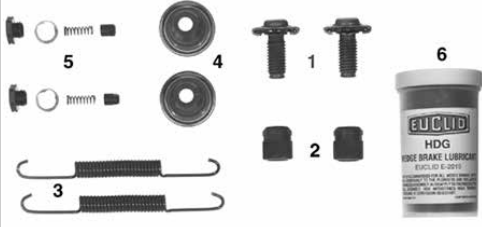
PUSH ROD BOOT KIT


	EUCLID NO.	GENERAL INFORMATION
	E-2290	For Stopmaster OEM Type.

EUCLID HDG LUBRICANT

	EUCLID NO.	GENERAL INFORMATION
	E-2015	<p>HDG is recommended for all Wedge Brakes. Apply HDG generously to the Plungers and Rollers of the Wedge Assembly and to the inside of the Seal Assembly also. Each can is 6-1/2 oz.</p> <p>HDG is formulated to:</p> <ul style="list-style-type: none"> • Withstand High Temperatures • Be Waterproof • Be Corrosion Resistant • Provide Long Life • Resist Extreme Pressure • Be Smooth In Texture • Have A Thin Film Capacity

WEDGE BRAKES

E-5542 MINOR REPAIR KIT WITHOUT HOLD DOWN KIT						
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	GENERAL INFORMATION
		1	2	E-3492	Adjusting Bolt	For 15" RS Single Actuated Front Brakes. Services one wheel. REPLACES: E-2147
		2	2	NSS*	Adjusting Sleeve	
		3	2	E-1458	Return Spring Wedge Brake	
		4	2	E-5532	Front Wedge Seal	
		5	2	E-5540	Front Pawl Assembly	
		6	1	E-2015	Wedge Brake Lubricant	

E-7212A MINOR REPAIR KIT WITH 12° WEDGE ASSEMBLIES						
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	GENERAL INFORMATION
		1	2	E-3994	Seal Assembly	For 15" RD Dual Actuated Brakes. Services one wheel. REPLACES: Meritor KIT 1106B; E-2525A, E-7212.
		2	2	E-3995	Seal Assembly	
		3	2	E-3997	12 Degree Adjuster Assembly	
		4	2	E-2484	Adjusting Bolt	
		5	2	E-7211	Brake Return Spring	
		6	1	E-2015	Wedge Brake Lubricant	

E-7213A MAJOR REPAIR KIT - LEFT HAND BRAKE WITH 12° WEDGE ASSEMBLIES						
		ITEM	QTY.	EUCLID NO.	DESCRIPTION	GENERAL INFORMATION
		1	2	E-2484	Adjusting Bolt	For 15" RD Dual Actuated Brakes. Services one wheel. REPLACES: Meritor KIT 9006LHB; E-2524A, E-7213.
		2	2	E-3997	12 Degree Adjuster Assembly	
		3	2	E-1137	12 Degree LH Plunger	
		4	2	E-1128	Air Chamber Collet Nut	
		5	2	E-7211	Brake Return Spring	
		6	2	E-3994	Seal Assembly	
		7	2	E-3995	Seal Assembly	
		8	2	NSS*	Anchor Plunger Guide	
		9	2	E-1261	12 Degree Wedge Assembly	
		10	2	E-2522	Shoe Clip Wedge Assembly	
		11	1	E-2015	Wedge Brake Lubricant	

*Not Sold Separately

E-7214A MAJOR REPAIR KIT - RIGHT HAND BRAKE WITH 12° WEDGE ASSEMBLIES

	ITEM	QTY.	EUCLID NO.	DESCRIPTION	GENERAL INFORMATION
	1	2	E-2484	Adjusting Bolt	For 15" RD Dual Actuated Brakes. Services one wheel. REPLACES: Meritor KIT 9006RHB; E-2523A, E-7214
	2	2	E-3997	12 Degree Adjuster Assembly	
	3	2	E-1136	12 Degree RH Plunger	
	4	2	E-1128	Air Chamber Collet Nut	
	5	2	E-7211	Brake Return Spring	
	6	2	E-3994	Seal Assembly	
	7	2	E-3995	Seal Assembly	
	8	2	NSS*	Anchor Plunger Guide	
	9	2	E-1261	12 Degree Wedge Assembly	
	10	2	E-2522	Shoe Clip Wedge Assembly	
	11	1	E-2015	Wedge Brake Lubricant	

SECTION 6 — WHEEL END

Brake and
Wheel End








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INNER CAP NUTS

FOR DUAL MOUNTED STEEL AND STEEL/ALUMINUM WHEELS

	EUCLID NO.	OUTER THREAD SIZE	INNER THREAD SIZE	INNER THREAD MIN. DEPTH	OUTER OVERALL LENGTH	GENERAL INFORMATION
<p>O.E. STANDARD FOR DUAL STEEL WHEELS</p> 	E-7895-L	1.13"-16	.75"-16	1.25"	2.22"	Through Hardened. Zinc Yellow Dichromate Plating
	E-7895-R	1.13"-16	.75"-16	1.25"	2.22"	Through Hardened. Zinc Yellow Dichromate Plating
<p>O.E. STANDARD FOR STEEL INNER AND ALUMINUM OUTER WHEELS</p> 	E-7896-L	1.13"-16	.75"-16	1.25"	2.56"	Through Hardened
	E-7896-R	1.13"-16	.75"-16	1.25"	2.56"	Through Hardened
	E-7897-L	1.13"-16	.75"-16	1.88"	3.06"	Through Hardened Use 13/16" Square Socket
	E-7897-R	1.13"-16	.75"-16	1.88"	3.06"	Through Hardened Use 13/16" Square Socket
<p>O.E. STANDARD FOR OFF-HIGHWAY APPLICATIONS</p> 	E-7898-L	1.31"-12	.94"-12	1.88"	3"	Through Hardened. Zinc Yellow Dichromate Plating Use 15/16" Square Socket
	E-7898-R	1.31"-12	.94"-12	1.88"	3"	Through Hardened. Zinc Yellow Dichromate Plating Use 15/16" Square Socket
<p>IMPORT VEHICLES</p> 	E-10253-L	M30x1.5	M20x1.5	1.19"	2.44"	Through Hardened. Zinc Yellow Dichromate Plating Use 7/8" or 22mm Square Socket
	E-10253-R	M30x1.5	M20x1.5	1.19"	2.44"	Through Hardened. Zinc Yellow Dichromate Plating Use 7/8" or 22mm Square Socket

WHEEL END

CAP NUTS FOR SINGLE & DUAL MOUNTED WHEELS					
	EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
	E-10254-L	M30 x 1.5	41mm	1"	For use with E-10253-L Metric inner cap nuts.
	E-10254-R	M30 x 1.5	41mm	1"	For use with E-10253-R Metric inner cap nuts.
	E-4976-R	.56"-18	1"	.69"	Single Mounting, Front or Rear
	E-9012-L	.56"-18	1.06"	.65"	
	E-9012-R	.56"-18	1.06"	.65"	
	E-4975-R	.63"-18	1"	.68"	
	E-4979-R	.63"-18	1.06"	.63"	
	E-5652-L	.75"-16	1.50"	.88"	Single Mounting, Front or Rear
	E-5652-R	.75"-16	1.50"	.88"	
	E-5554-L	.75"-16	1.50"	1"	For Single Mounting of Alcoa Forged Aluminum Disc Wheels
	E-5554-R	.75"-16	1.50"	1"	
	E-5995-L	.75"-16	1.50"	1.38"	For Alcoa Wide Base Aluminum Wheels. "Long Grip" Cap Nut. Larger height provides greater lug wrench contact into wheel.
	E-5995-R	.75"-16	1.50"	1.38"	
	E-5977-L	1.13"-16	1.50"	.88"	Forged Steel - Thru-Hardened. Zinc Yellow Dichromate Plating. Outer Dual or Large Stud Single Mounting. For Severe Service Application use E-5579-L. For Clear Zinc coating use E-5977LC.
	E-5977-R	1.13"-16	1.50"	.88"	Forged Steel - Thru-Hardened. Zinc Yellow Dichromate Plating. Outer Dual or Large Stud Single Mounting. For Severe Service Application use E-5579-R. For Clear Zinc coating use E-5977RC.
	E-5996-L	1.13"-16	1.50"	1"	For Alcoa Wide Base Aluminum Wheels. "Long Grip" Cap Nut. Larger height provides greater lug wrench contact into wheel.
	E-5996-R	1.13"-16	1.50"	1"	

FLANGED CAP NUTS FOR SINGLE & DUAL MOUNTED WHEELS					
	EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
	E-5578-L	.75"-16	1.50"	1.09"	Single Mounting Front or Rear. Provides Extra Mounting Strength for Vehicles in Severe Service.
	E-5578-R	.75"-16	1.50"	1.09"	
	E-5579-L	1.13"-16	1.50"	1.09"	Outer Dual or Large Stud Single Mounting. Provides Extra Mounting Strength for Vehicles in Severe Service.
	E-5579-R	1.13"-16	1.50"	1.09"	

DISC WHEEL NUTS

FOR HEAVY-DUTY "OFF-HIGHWAY/OFF-HIGHWAY" SERVICE



EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
E-6060-L	1.13"-16	1.75"	1"	Special nut for adapting heavy-duty off highway wheels to standard 1-1/8" thread studs.
E-6060-R	1.13"-16	1.75"	1"	
E-5576-L	1.31"-12	1.75"	1.38"	Single or Outer Cap Nuts May Be Used With Accuride "Duplex" Wheels.
E-5576-R	1.31"-12	1.75"	1.38"	

FLANGED CAP NUTS



EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
E-10234	.56"-18	1.06"	1.97"	2 piece flanged nut.
E-5892	.56"-18	.88"	.63"	1 piece flanged nut.
E-9022-R	.63"-18	1.13"	1.06"	Dodge and Navistar. 1 piece flanged nut.
E-5734	.69"-16	1.13"	1.06"	Use E-5683 stud on rear and E-5682 stud on front. 1 piece flanged nut.
E-5704	.75"-16	1.13"	1.06"	1 piece flanged nut.
E-9021	.88"-14	1.31"	.88"	General Motors Bus. 2 piece flanged nut.
E-10235	M20x1.5	30mm	1.06" 27mm	Teflon Coated. 2 piece flanged nut.
E-5991	M22x1.5	1.50"	1.38"	For Motor Wheel WHD-8 (8 Stud) Hub Piloted Wheel System. 2 piece flanged nut.
E-6000A	M22x1.5	33mm	1.22" 31mm	Teflon Coated For Budd Uni-Mount-10 (10 Stud) Hub Piloted Wheel. 2 piece flanged nut.
E-9020	M22x1.5	33mm	1.03" 25mm	Alcoa Hub Piloted Wheels. 2 piece flanged nut.

SLEEVE NUTS



EUCLID NO.	SIZE	APPLICATION
E-15680	M22-1.5 X 6MM	Steer Axles: Steel Wheels Drive/Trailer Axles: Steel Wide Single Wheels
E-15681	M22-1.5 X 19MM	Steer Axles: Aluminum Wheels Drive/Trailer Axles: Aluminum Wide Single Wheels Drive/Trailer Axles: Steel Outer/Steel Inner Wheels Drive/Trailer Axles: Steel Outer/Aluminum Inner Wheels
E-15682	M22-1.5 X 28MM	Drive/Trailer Axles: Steel Outer/Aluminum Inner Wheels Drive/Trailer Axles: Aluminum Outer/Steel Inner Wheels
E-15683	M22-1.5 X 39MM	Drive/Trailer Axles: Aluminum Outer/Aluminum Inner Wheels


WHEEL END

DISC WHEEL NUTS




Brake and
Wheel End

WHEEL END




CONE LOCK NUTS (2 PIECE FLANGED NUT)

	EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
	E-5708	.75"-16	1.19"	1.12"	Motor Wheel Cone Lock Nut.
	E-5710	.88"-14	1.50"	.94"	Motor Wheel Cone Lock Nut.
	E-5711	.88"-14	1.50"	1.38"	Motor Wheel Cone Lock Nut.


BACK NUTS

	EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
	E-4961A	.75"-16	1.13"	.63"	Heat Treated Locknut Grade C Torque Spec 100-225 ft./lbs.
	E-1835	.88"-14	1.25"	.77"	Heat Treated Grade C
	E-1828	1"-14	1.50"	.88"	Heat Treated Grade C Torque Spec 175-225 ft./lbs.

FLAT WHEEL NUTS

	EUCLID NO.	THREAD	HEX	HIGH	GENERAL INFORMATION
	E-5032	.50"-20	.75"	.44"	Plain. Grade 5
	E-5007	.50"-20	.88"	.50"	Slotted
	E-5008	.63"-18	.94"	.72"	Plain. Grade 8

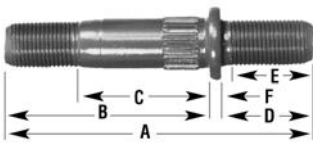
SPOKE WHEEL RIM NUTS

	EUCLID NO.	GRADE	DAYTON	ERIE	GUNITE	WEBB	NWRA	THREAD	HEX	GENERAL INFORMATION
	E-4962	Grade 5	08-005149	5270	WP2	74611	N-26	.63"-11	1.06"	Flat face 2 sides.
	E-4963	Grade 5	08-005716	5260	WP148	74710	N-40	.75"-10	1.25"	Flat face 2 sides.
	E-7775	Grade 8	08-005716	5260	WP148	74710	N-40	.75"-10	1.25"	Flat face 2 sides.

ROUND COLLAR SHOULDER STUDS - STUD BODY DIAMETER .781

WHEEL END

GRADE 8



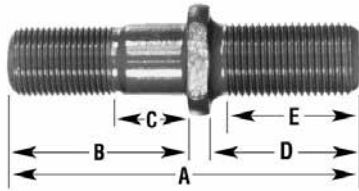
3/4"-16 THDS. BOTH ENDS

EUCLID NO.	A	B	C	D	E	F
E-11722-L	4.34"	3.00"	1.78"	1.25"	1.09"	.09"
E-11722-R						
E-11723-L	4.44"	2.89"	1.43"	1.45"	1.25"	.09"
E-11723-R						
E-5713-L	3.41"	2.06"	.88"	1.25"	1.06"	.09"
E-5713-R						
E-5714-L	3.63"	2.28"	1.06"	1.25"	1.13"	.09"
E-5714-R						
E-5715-L	4.03"	2.50"	1.28"	1.34"	1.16"	.09"
E-5715-R						
E-5716-L	4.34"	3.00"	1.94"	1.25"	1.06"	.09"
E-5716-R						
E-5717-L	4.53"	3.00"	1.94"	1.34"	1.16"	.09"
E-5717-R						
E-5589-L	4.63"	3.28"	2.00"	1.25"	1.13"	.09"
E-5589-R						
E-8948-L	4.91"	3.53"	2.16"	1.25"	.97"	.09"
E-8948-R						

CLIPPED COLLAR SHOULDER STUDS - STUD BODY DIAMETER .784

WHEEL END

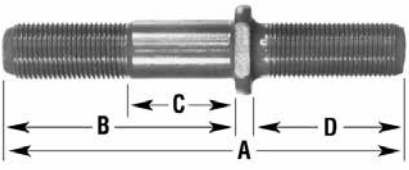
GRADE 8



3/4"-16 THDS. BOTH ENDS

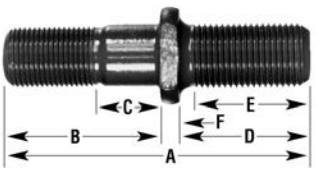
EUCLID NO.	A	B	C	D	E	
E-5558-L	3.13"	1.59"	.63"	1.34"	1.16"	
E-5558-R						
E-5556-L	3.59"	2.06"	.88"	1.34"	1.16"	
E-5556-R						
E-5559-L	3.72"	2.19"	1.06"	1.34"	1.16"	
E-5559-R						
E-5561-L	3.97"	2.44"	1.16"	1.34"	1.16"	
E-5561-R						
E-5560-L	4.03"	2.50"	1.28"			
E-5560-R						
E-5551-L	4.22"	2.69"	1.44"			
E-5551-R						
E-5585-L	4.34"	2.81"	1.78"	1.34"	1.16"	
E-5585-R						
E-5553-L	4.53"	3.00"	1.45"	1.34"	1.16"	
E-5553-R						
E-10200-L	4.53"	3.00"	1.56"	1.34"	1.16"	
E-10200-R						
E-6023-L	4.84"	3.31"	1.66"	1.34"	1.16"	
E-6023-R						
E-5557-L	5.03"	3.50"	2.47"	1.34"	1.16"	
E-5557-R						
E-6024-L	5.25"	3.31"	1.66"	1.75"	1.16"	
E-6024-R						

**CLIPPED COLLAR SHOULDER STUDS -
STUD BODY DIAMETER .784 EXTRA LONG CAP NUT END**

		EUCLID NO.	A	B	C	D	CAUTION
<p>GRADE 8</p>  <p>3/4"-16 THDS. BOTH ENDS</p>	E-5932-L	4.25"	2.38"	1.06"	1.63"	Caution: Do not use with Steel wheel. Cap nut will bottom out before tightening against wheel.	
	E-5932-R						
	E-5931-L	4.50"	2.38"	1.03"	1.94"	Caution: Do not use with Steel wheel. Cap nut will bottom out before tightening against wheel.	
	E-5931-R						
	E-5989-L	4.91"	3.38"	1.86"	1.36"	Caution: Do not use with Steel wheel. Cap nut will bottom out before tightening against wheel.	
	E-5989-R						
	E-5933-L	5.13"	2.75"	1.69"	2.25"	Caution: Do not use with Steel wheel. Cap nut will bottom out before tightening against wheel.	
	E-5933-R						
	E-5929-L	5.19"	3.00"	1.31"	2.00"	Caution: Do not use with Steel wheel. Cap nut will bottom out before tightening against wheel.	
	E-5929-R						
	E-5930-L	5.56"	3.38"	1.75"	2.00"	Caution: Do not use with Steel wheel. Cap nut will bottom out before tightening against wheel.	
	E-5930-R						

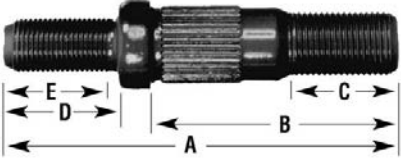
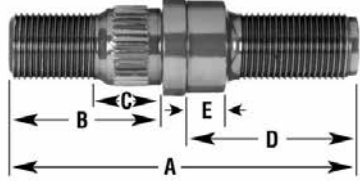
BUS AND HEAVY-DUTY STUDS

**CLIPPED COLLAR SHOULDER STUDS - STUD BODY DIAMETER 1.012 FOR HEAVY-DUTY
"OFF HIGHWAY" APPLICATION**

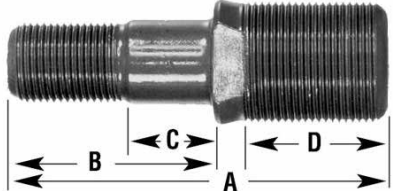
		EUCLID NO.	A	B	C	D	E	F
<p>GRADE 8</p>  <p>1"-14 THD. HUB END 15/16"-12 THD WHEEL END</p>	E-5876-L	5.63"	3.50"	1.88"	1.88"	1.56"	.25"	
	E-5876-R							

WHEEL END

DOUBLE-ENDED ROUND COLLAR STUDS - STUD BODY DIAMETER .973

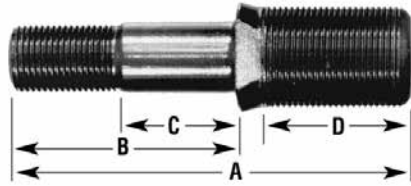
 <p data-bbox="251 493 584 556"> 3/4"-16 THD. WHEEL END 7/8"-14 THD. HUB END </p>	EUCLID NO.	A	B	C	D	E	GR.
	E-5920-L	4.00"	2.09"	1.25"	1.44"	1.19"	8
	E-5920-R						
	E-5918-L	4.94"	3.09"	1.28"	1.44"	1.19"	8
	E-5918-R						
 <p data-bbox="267 808 560 840">7/8"-14 THD. BOTH ENDS</p>	E-9006	4.25"	1.88"	.94"	2.06"	.44"	8
	E-9007	5.63"	1.88"	.94"	3.44"	1.25"	

DOUBLE-ENDED STUDS WITH FLATS - STUD BODY DIAMETER .784 - FOR STEEL WHEELS

 <p data-bbox="227 1354 600 1417"> 1 1/8"-16 THD. WHEEL END 3/4"-16 THD. HUB END </p>	EUCLID NO.	A	B	C	D	GR.	
	E-3723-L	3.19"	1.59"	.53"	1.41"	8	
	E-3723-R						
	E-3727-L	4.03"	2.44"	1.22"	1.41"	8	
	E-3727-R						
	E-3728-L	4.34"	2.75"	1.81"	1.41"	8	
	E-3728-R						

WHEEL END

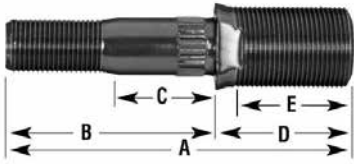
DOUBLE-ENDED STUDS WITH FLATS - STUD BODY DIAMETER .784 - FOR ALUMINUM WHEELS



1 1/8"-16 THD. WHEEL END
3/4"-16 THD. HUB END

EUCLID NO.	A	B	C	D	GR.	
E-5935-L	3.75"	1.88"	.72"	1.69"	8	
E-5935-R						
E-5936-L	3.94"	2.06"	.97"	1.69"	8	
E-5936-R						
E-5937-L	4.25"	2.44"	1.22"	1.63"	8	
E-5937-R						
E-5990-L	4.56"	2.75"	1.58"	1.50"	8	
E-5990-R						

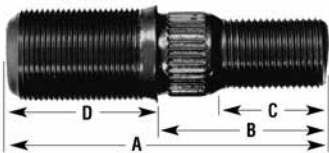
DOUBLE-ENDED STUDS WITH FLATS - STUD BODY DIAMETER .784



1 1/8"-16 THD. WHEEL END
3/4"-16 THD. HUB END

EUCLID NO.	A	B	C	D	E	GR.
E-8951-L	4.56"	2.75"	1.53"	1.81"	1.25"	8
E-8951-R						

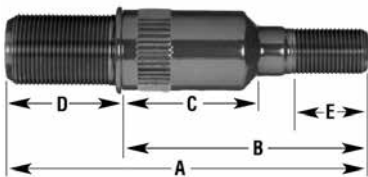
DOUBLE-ENDED STUDS WITHOUT FLATS - STUD BODY DIAMETER .973



1 1/8"-16 THD. WHEEL END
7/8"-14 THD. HUB END

EUCLID NO.	A	B	C	D	GR.	
E-5922-L	4.00"	2.00"	1.19"	1.75"	8	
E-5922-R						

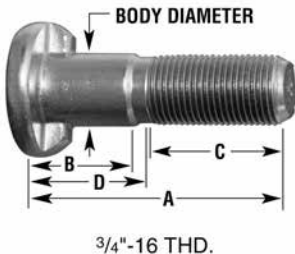
DOUBLE-ENDED STUDS WITHOUT FLATS - STUD BODY DIAMETER 1.220



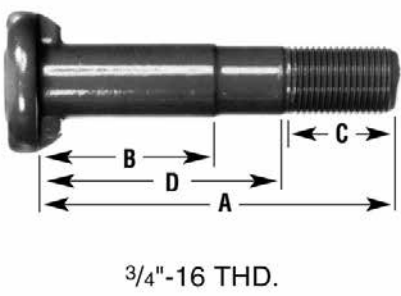
1 1/8"-16 THD. WHEEL END
3/4"-16 THD. HUB END

EUCLID NO.	A	B	C	D	E	GR.
E-8976-L	5.31"	3.63"	2.09"	1.69"	1"	8
E-8976-R						

WEDGE HEAD TYPE STUDS - STUD BODY DIAMETER .788

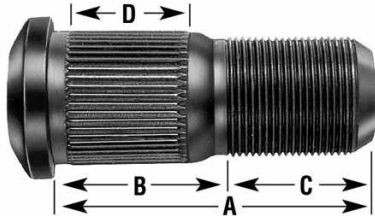
	EUCLID NO.	A	B	C	D	GR.	
	E-9005-L	2.63"	1.00"	1.25"	1.25"	8	
	E-9005-R						
	E-9004-L	3.11"	1.41"	1.36"	1.75"	8	
E-9004-R							

WEDGE HEAD TYPE STUDS - STUD BODY DIAMETER .792 - FOR ALUMINUM HUBS

	EUCLID NO.	A	B	C	D	GR.	
	E-5924-L	3.41"	1.44"	1.63"	2.25"	8	
	E-5924-R						
	E-5916-L	3.55"	1.81"	1.06"	2.48"	8	
	E-5916-R						
	E-9002-L	3.75"	1.50"	1.75"	1.75"	8	
	E-9002-R						
	E-5923-L	3.80"	1.81"	1.13"	2.63"	8	
	E-5923-R						
	E-9000-L	3.97"	1.31"	2.00"	1.75"	8	
E-9000-R							

WHEEL END

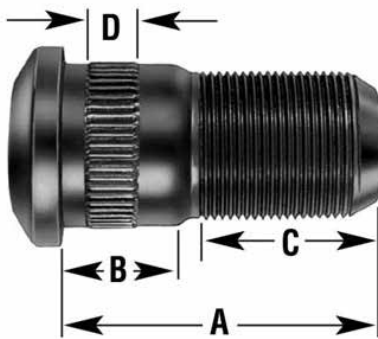
FRONT WHEEL STUDS - STUD BODY DIAMETER 1.216



1 1/8"-16 THD.

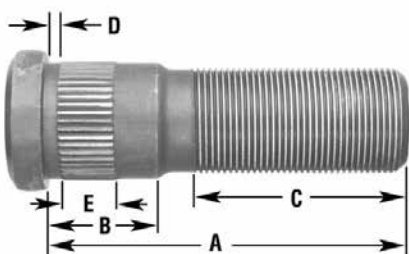
EUCLID NO.	A	B	C	D	GR.	
E-5897-L	2.63"	.88"	1.75"	.44"	8	
E-5897-R						
E-5986-L	2.95"	1.00"	1.95"	.56"	8	
E-5986-R						
E-11697-L	2.97"	1.19"	1.78"	.45"	8	
E-11697-R						
E-11699-L	3.13"	1.19"	2.06"	.45"	8	
E-11699-R						
E-5898-L	3.19"	1.38"	1.81"	1.00"	8	
E-5898-R						
E-8996-L	3.25"	.75"	2.25"	.63"	8	
E-8996-R						
E-11696-L	3.41"	1.31"	1.81"	.50"	8	
E-11696-R						
E-9001-L	3.47"	.88"	1.45"	.44"	8	
E-9001-R						
E-8972-L	3.50"	1.19"	2.03"	.75"	8	
E-8972-R						
E-8995-L	3.56"	1.44"	1.75"	1.00"	8	
E-8995-R						
E-6033-L	3.63"	1.75"	1.88"	.50"	8	
E-6033-R						

FRONT WHEEL STUDS - STUD BODY DIAMETER 1.220

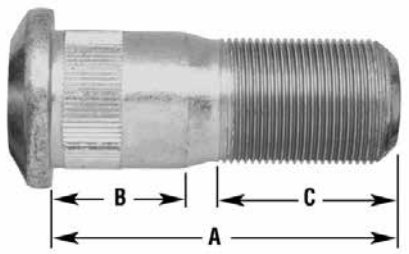


EUCLID NO.	A	B	C	D	GR.	
E-5748-L	2.41"	.88"	1.22"	.38"	8	
E-5748-R						
E-5749-L	2.81"	.88"	1.22"	.44"	8	
E-5749-R						
E-5750-L	3.00"	1.38"	1.63"	1.00"	8	
E-5750-R						
E-5899-L	3.13"	1.59"	1.53"	.38"	8	
E-5899-R						
E-8966-L	3.56"	1.56"	1.72"	.50"	8	
E-8966-R						
E-5868-L	3.63"	1.81"	1.81"	.75"	8	
E-5868-R						
E-8985-L	3.81"	1.19"	2.50"	.75"	8	
E-8985-R						
E-8990-L	4.00"	1.31"	1.81"	.75"	8	
E-8990-R						

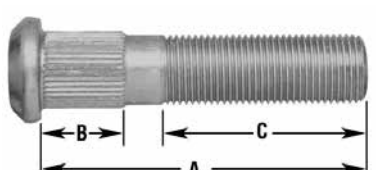
FRONT WHEEL STUDS - STUD BODY DIAMETER 1.220 - FOR ALUMINUM DISC WHEELS

 <p>1 1/8"-16 THD.</p>	EUCLID NO.	A	B	C	D	E	GR.
	E-5982-L	3.75"	1.22"	2.25"	.13"	.56"	8
	E-5982-R						
	E-10249-L	3.75"	1.38"	2.50"	.63"	.50"	8
	E-10249-R						
	E-5985-L	3.78"	1.38"	1.44"	.22"	1.00"	8
E-5985-R							

FRONT WHEEL STUDS - STUD BODY DIAMETER 1.220 - FOR ALUMINUM DISC WHEELS

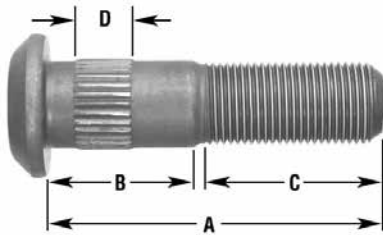
 <p>1 1/8"-16 THD.</p>	EUCLID NO.	A	B	C	GR.
	E-10227-L	3.09"	1.16"	1.47"	8
	E-10227-R				
	E-10226-L	3.41"	1.53"	1.47"	8
	E-10226-R				
	E-10228-L	3.56"	1.16"	1.94"	8
	E-10228-R				
	E-10225-L	3.88"	1.53"	1.91"	8
E-10225-R					

SERRATED WHEEL STUDS - STUD BODY DIAMETER .630

 <p>5/8"-18 THD.</p>	EUCLID NO.	A	B	C	GR.
	E-10229	2.94"	.75"	1.25"	8
	E-10230	3.19"	1"	1.50"	8

WHEEL END

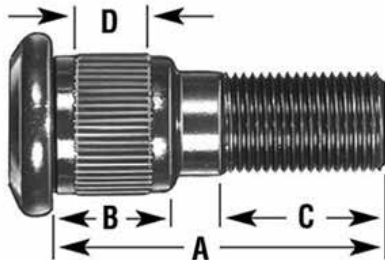
SERRATED WHEEL STUDS - STUD BODY DIAMETER .784



3/4"-16 THD.

EUCLID NO.	A	B	C	D	GR.	
E-10202-L	2.50"	.75"	1.50"	.50"	8	
E-10202-R						
E-8983-L	2.69"	.97"	1.41"	.50"	8	
E-8983-R						
E-8969-L	2.94"	1.31"	1.41"	.50"	8	
E-8969-R						
E-10206-L	3.00"	1.66"	1.25"	.50"	8	
E-10206-R						
E-8982-L	3.13"	1.34"	1.59"	.50"	8	
E-8982-R						
E-10209-L	3.16"	1.44"	1.50"	.50"	8	
E-10209-R						
E-8968-L	3.19"	.97"	1.63"	.50"	8	
E-8968-R						
E-10201-L	3.25"	1.75"	1.38"	.50"	8	
E-10201-R						
E-8979-L	3.34"	1.28"	1.84"	.50"	8	
E-8979-R						
E-10208-L	3.41"	1.44"	1.63"	.50"	8	
E-10208-R						
E-10210-L	3.78"	1.44"	2.00"	.38"	8	
E-10210-R						

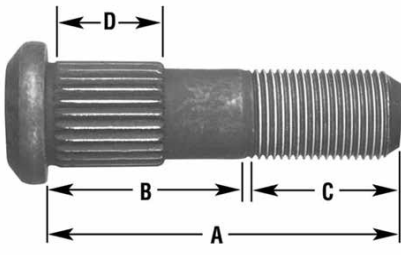
SERRATED WHEEL STUDS - STUD BODY DIAMETER .974



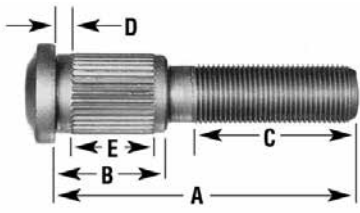
3/4"-16 THD.

EUCLID NO.	A	B	C	D	GR.	
E-5718-L	2.38"	.75"	1.16"	.50"	8	
E-5718-R						
E-5719-L	2.56"	.75"	1.38"	.50"	8	
E-5719-R						
E-5900-L	2.72"	.75"	1.59"	.50"	8	
E-5900-R						
E-5720-L	2.75"	.75"	1.47"	.50"	8	
E-5720-R						
E-5987-L	2.91"	1.19"	1.25"	1.00"	8	
E-5987-R						
E-5871-L	3.09"	1.38"	1.25"	1.00"	8	
E-5871-R						
E-6057-L	3.19"	1.19"	1.16"	1.00"	8	
E-6057-R						
E-5896-L	3.38"	1.31"	1.25"	1.00"	8	
E-5896-R						

SERRATED WHEEL STUDS - STUD BODY DIAMETER .745

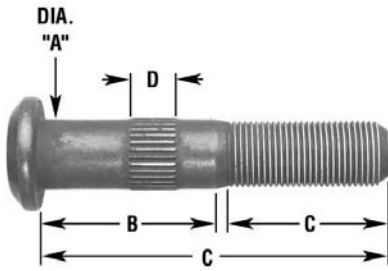
 <p>3/4"-16 THD.</p>	EUCLID NO.	A	B	C	D	GR.	
	E-8994-L	2.50"	1.16"	1.25"	.91"	8	
	E-8994-R						
	E-8992-L	2.97"	1.59"	1.19"	.94"	8	
	E-8992-R						
	E-8993-L	3.25"	1.88"	1.16"	1.13"	8	
E-8993-R							

DRIVE AXLE STUD - STUD BODY DIAMETER .975 - FOR ALUMINUM DISC WHEELS

 <p>3/4"-16 THD.</p>	EUCLID NO.	A	B	C	D	E	GR.
	E-5983-L	3.75"	1.38"	2.25"	.25"	1.00"	8
E-5983-R							

SERRATED WHEEL STUDS

WHEEL END



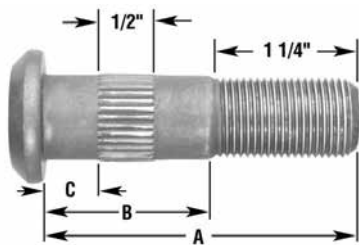
3/4"-16 THD.

EUCLID NO.	BODY DIA. "A"	A	B	C	D	GR.
E-8958-L	.772	2.88"	1.50"	1.19"	.50"	8
E-8958-R						
E-8955-L	.778	3.38"	1.28"	1.94"	.50"	8
E-8955-R						
E-8957-L	.778	3.50"	1.78"	1.28"	.50"	8
E-8957-R						
E-8954-L	.778	3.84"	2.34"	1.28"	.50"	8
E-8954-R						
E-11680-L	.780	2.38"	1.00"	1.06"	.50"	8
E-11680-R						
E-11673-L	.780	2.66"	.88"	1.34"	.50"	8
E-11673-R						
E-11668-L	.782	2.88"	1.00"	1.75"	.50"	8
E-11668-R						
E-9011-L	.784	2.38"	.88"	1.06"	.50"	8
E-9011-R						
E-8978-L	.784	3.41"	1.91"	1.22"	.50"	8
E-8978-R						
E-8977-L	.784	3.88"	2.06"	1.69"	.50"	8
E-8977-R						
E-11658-L	.790	2.56"	1.08"	1.25"	.50"	8
E-11658-R						
E-11660-L	.890	2.12"	.69"	1.25"	.50"	8
E-11660-R						
E-11681-L	.890	2.42"	1.00"	1.24"	.50"	8
E-11682-L						
E-11682-R	.890	2.69"	1.12"	1.38"	.38"	8
E-5911-L						
E-5911-R	.974	2.56"	.94"	1.25"	.44"	8
E-5721-L						
E-5721-R	.974	2.81"	1.19"	1.19"	.38"	8
E-9010-L						
E-9010-R	.974	2.84"	.81"	1.13"	.50"	8
E-5910-L						
E-5910-R	.974	3.13"	.81"	1.31"	.44"	8
E-9524-L						
E-9524-R	.974	3.19"	.78"	1.59"	.50"	8
E-9525-L						
E-9525-R	.974	3.34"	.78"	.78"	.50"	8
E-5909-L						
E-5909-R	.974	3.34"	1.84"	1.06"	.50"	8
E-5722-L						
E-5722-R	.974	4.00"	2.44"	1.19"	1.00"	8
E-9523-L						
E-9523-R	.974"	2.60"	.81"	1.12"	.25"	8
E-11669-L						
E-11669-R	.975	3.84"	1.21"	1.32"	.56"	8

WHEEL STUDS

Brake and
Wheel End

SERRATED WHEEL STUDS - STUD BODY DIAMETER .784

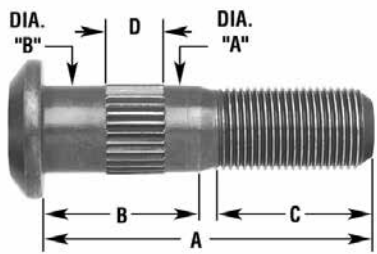


$\frac{3}{4}$ "-16 THD.

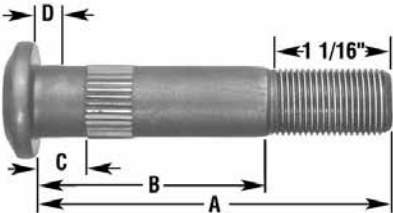
	EUCLID NO.	A	B	C	NOTES
	E-4964-L	2.13"	.75"	.25"	Used on TK, TKL, RL, TL (also Eaton). With some cast drums on TK, TKL, use E-4968-R/L. Used on RN, RQ, TKN. Grade 8
	E-4964-R				
	E-4965-L	2.38"	1"	.25"	Used on TK, TKL, RL, TL (also Eaton). With some cast drums on TK, TKL, use E-4968-R/L. Used on RN, RQ, TKN. Grade 8
	E-4965-R				
	E-4966-L	2.63"	1.25"	.31"	Grade 8
	E-4966-R				
	E-4967-L	2.88"	1.50"	.25"	Grade 8
	E-4967-R				
	E-4968-L	2.88"	1.50"	.50"	Used on TK, TKL, RL, TL (also Eaton). With some cast drums on TK, TKL, use E-4968-R/L. Used on RN, RQ, TKN. Grade 8
	E-4968-R				
	E-4969-L	3.13"	1.75"	.56"	Used on TK, TKL, RL, TL (also Eaton). With some cast drums on TK, TKL, use E. Grade 8
	E-4969-R				
	E-5869-L	4.13"	2.75"	.56"	Used on TK, TKL, RL, TL (also Eaton). With some cast drums on TK, TKL, use E. Grade 8
	E-5869-R				

WHEEL END

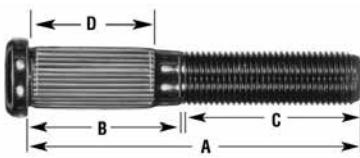
SERRATED WHEEL STUDS

Grade 8	EUCLID NO.	STUD BODY DIA.		A	B	C	D
		"A"	"B"				
		E-8947-L	.777	.784	2.97"	1.41"	1.06"
	E-8947-R						
	E-9003-L	.779	.779	2.91"	1.06"	1.59"	.31"
	E-9003-R						
	E-11662-R	.784	.790	2.55"	1.14"	1.12"	.50"
	E-9008-L	.786	.786	3.38"	1.41"	1.66"	.50"
	E-9008-R						
	E-11665-R	.875	.975	2.38"	1.10"	1.16"	.44"
	E-11659-L	.890	.939	2.38"	.89"	1.25"	.50"
	E-11659-R						
	E-11661-L	.890	.939	2.38"	.89"	1.13"	.50"
	E-11661-R						
	E-11674-L	.890	.939	2.38"	1.00"	1.25"	.75"
	E-11674-R						
	E-11676-L	.890	.939	2.63"	.89"	1.38"	.50"
	E-11676-R						
	E-11672-L	.890	.939	2.63"	1.01"	1.38"	.50"
	E-11672-R						
	E-11678-L	.890	.939	2.77"	.87"	1.61"	.50"
	E-11678-R						
	E-11677-L	.890	.939	3.05"	.89"	1.80"	.50"
	E-11677-R						

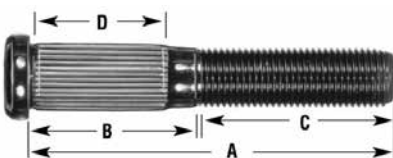
SERRATED WHEEL STUDS - STUD BODY DIAMETER .784

	EUCLID NO.	A	B	C	D	GR.	
		E-5764-L	2.38"	1.00"	.38"	.19"	8
	E-5764-R						
	E-5870-L	2.63"	1.25"	.44"	.19"	8	
	E-5870-R						
	E-5775	2.75"	1.38"	.50"	.25"	8	
	E-5776	3.00"	1.56"	.50"	.31"	8	
	E-5756-L	3.38"	2.00"	.56"	.31"	8	
	E-5756-R						
	E-5765-L	3.38"	2.00"	.38"	.19"	8	
	E-5765-R						
	E-5757-L	3.63"	2.25"	.56"	.31"	8	
	E-5757-R						
	E-5766-L	3.88"	2.50"	.56"	.31"	8	
	E-5766-R						

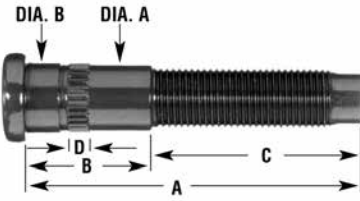
SERRATED WHEEL STUDS - STUD BODY DIAMETER .594

 <p>Use Euclid E-5892 Flanged Nut 9/16"-18 THD.</p>	EUCLID NO.	A	B	C	D	GR.	
	E-5724	3.25"	1.63"	1.63"	1.19"	8	

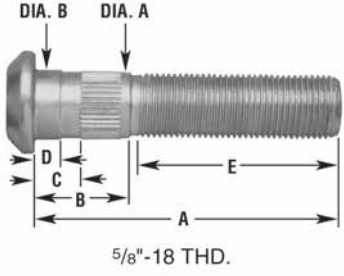
SERRATED WHEEL STUDS - STUD BODY DIAMETER .606

 <p>9/16"-18 THD.</p>	EUCLID NO.	A	B	C	D	GR.	
	E-8963	3.00"	1.06"	1.25"	.88"	8	
	E-8964	3.50"	1.06"	1.63"	.88"	8	
	E-8965	3.59"	1.28"	2.00"	.88"	8	

SERRATED WHEEL STUDS

<p>Grade 8</p>  <p>9/16"-18 THD.</p>	EUCLID NO.	STUD BODY DIA.		A	B	C	D
		"A"	"B"				
	E-8959-L	.600"	.641"	2.81"	1.13"	1.63"	.31"
E-8959-R							

SERRATED WHEEL STUDS

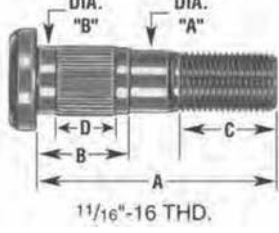
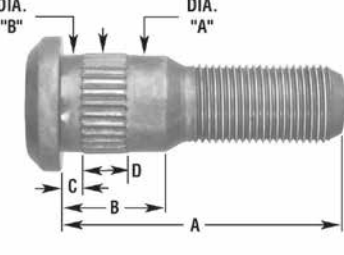
Grade 8	EUCLID NO.	STUD BODY DIA.		A	B	C	D	
		"A"	"B"				D	E
 <p>5/8"-18 THD.</p>	E-8946-L	.639	.673	2.94"	.94"	.44"	.673"	1.69"
	E-8946-R							

SERRATED WHEEL STUDS - STUD BODY DIAMETER .730

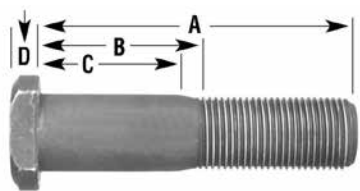
EUCLID NO.	A	B	C	GR.
E-5682	2.63"	1"	1.13"	8
E-5683	3.25"	1"	1.50"	8
E-5816	3.25"	1.33"	1.36"	8

1 1/16"-16 THD.

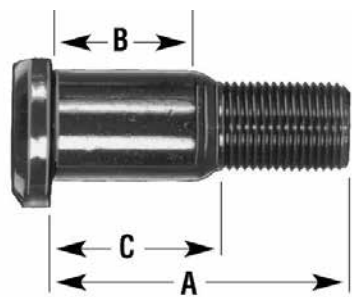
SERRATED WHEEL STUDS

Grade 8	EUCLID NO.	STUD BODY DIA.		A	B	C	D
		"A"	"B"				
 <p>1 1/16"-16 THD.</p>	E-8962	.728	.747	3.25"	1.13"	1.84"	.63"
	E-8961	.757	.757	3.63"	1.31"	1.97"	.50"
 <p>3/4"-16 THD.</p>	E-5632	.747	.827	3.25"	.88"	1.75"	.75"
	E-8949-L	.902	.910	2.59"	.97"	.22"	.41"
	E-8949-R						

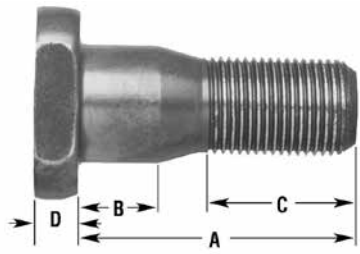
“D” HEAD STUDS - STUD BODY DIAMETER .785 - PLAIN BODY - FOR ALUMINUM HUBS

 3/4"-16 THD.	EUCLID NO.	A	B	C	D	GR.	
	E-10213-L	2.94"	1.13"	.94"	.31"	8	
E-10213-R							
E-6026-L	3.16"	1.72"	1.41"	.25"	8		
E-6026-R							
E-6058-L	3.25"	1.88"	1.53"	.25"	8		
E-6058-R							
E-10214-L	3.31"	1.75"	.94"	.31"	8		
E-10214-R							
E-6027-L	3.41"	1.75"	1.41"	.31"	8		
E-6027-R							
E-6059-L	3.53"	1.91"	1.56"	.25"	8		
E-6059-R							
E-6028-L	3.78"	1.91"	1.56"	.25"	8		
E-6028-R							

“D” HEAD STUDS - STUD BODY DIAMETER .874

 3/4"-16 THD.	EUCLID NO.	A	B	C	GR.	
	E-5587-L	2.00"	.78"	.97"	8	
E-5587-R						
E-4988-L	2.25"	1.03"	1.33"	8		
E-4988-R						
E-5588-L	2.38"	1.19"	1.47"	8		
E-5588-R						

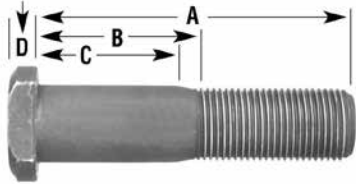
“D” HEAD STUDS - STUD BODY DIAMETER .888 - FOR DURA-LIGHT HUBS

 3/4"-16 THD.	EUCLID NO.	A	B	C	D	GR.	
	E-10258-L	2.06"	.63"	1.13"	.31"	8	
E-10258-R							
E-10259-L	2.34"	.63"	1.38"	.31"	8		
E-10259-R							

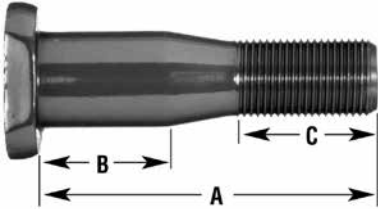
WHEEL STUDS

WHEEL END

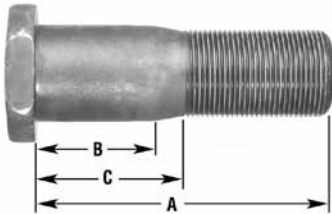
CLIPPED HEAD STUDS - STUD BODY DIAMETER .907 - PLAIN BODY

 3/4"-16 THD.	EUCLID NO.	A	B	C	D	GR.
	E-11685-L	2.10"	.44"	.72"	1.39"	8
E-11686-L	2.39"	.44"	.72"	1.67"	8	
E-11686-R						

"D" HEAD STUDS - STUD BODY DIAMETER .910

 GRADE 8	EUCLID NO.	A	B	C	GR.
	E-8952-L	3.16"	1.19"	1.25"	8
E-8952-R					

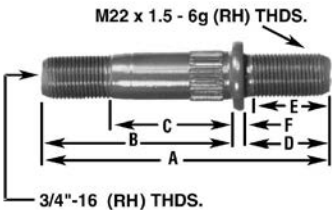
"D" HEAD STUDS - STUD BODY DIAMETER 1.224 - PLAIN BODY

 1 1/8"-16 THD.	EUCLID NO.	A	B	C	GR.
	E-8950-L	3.72"	1.50"	1.75"	8
E-8950-R					

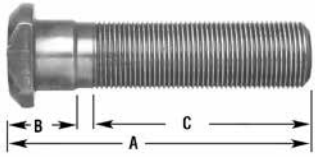
WHEEL STUDS — METRIC

Grade 10.9 (metric equivalent of Grade 8)

METRIC ROUND COLLAR SHOULDER STUDS - STUD BODY DIAMETER .781

 M22 x 1.5 - 6g (RH) THDS. 3/4"-16 (RH) THDS.	EUCLID NO.	A	B	C	D	E	F
	E-11724	5.54"	2.89"	1.64"	2.56"	2.25"	.09"
E-11725	6.40"	2.89"	1.43"	3.43"	3.11"	.09"	

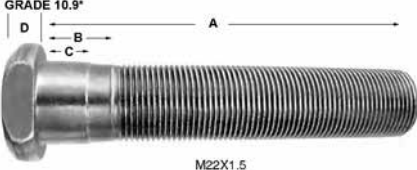
METRIC CLIPPED "D" HEAD STUDS - STUD BODY DIAMETER .888 - FOR DURA-LIGHT HUBS


 M22X1.5 THD.	EUCLID NO.	A	B	C	GR.
	E-10256	3.38"	.50"	2.50"	10.9
E-10257	4.19"	.50"	3.31"	10.9	


WHEEL STUDS — METRIC

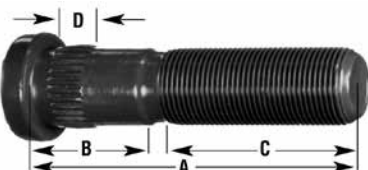

Brake and
Wheel End

Grade 10.9 (metric equivalent of Grade 8)

METRIC CLIPPED HEAD STUDS - STUD BODY DIAMETER .907 - PLAIN BODY							
EUCLID NO.	A	B	C	D	GR.		
	E-11693	3.50"	.94"	.45"	.31"	10.9	
	E-11692	4.37"	.95"	.45"	.31"	10.9	

METRIC "D" HEAD STUDS - STUD BODY DIAMETER .910						
EUCLID NO.	A	B	C	GR.		
	E-6029A	4.38"	1.30"	2.50"	10.9	
	E-6001A	4.97"	1.30"	3.25"	10.9	
	E-6030A	5.25"	1.30"	3.34"	10.9	

METRIC CLIPPED HEAD STUDS - STUD BODY DIAMETER .981						
EUCLID NO.	A	B	C	GR.		
	E-5994	3.25"	.67"	2.25"	10.9	
	E-5992A	3.56"	.72"	2.47"	10.9	
	E-5993	4.13"	.72"	3.06"	10.9	
	E-8997	4.72"	.63"	3.75"	10.9	

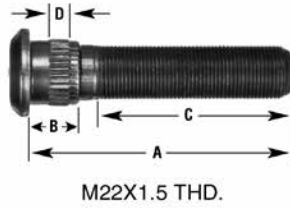
METRIC SERRATED STUDS - STUD BODY DIAMETER .791						
EUCLID NO.	A	B	C	D	GR.	
	E-11706	2.75"	.75"	2.00"	.38"	10.9
	E-11712	2.92"	.75"	2.17"	.38"	10.9
	E-11703	3.68"	1.26"	2.42"	.38"	10.9
	E-11707	3.88"	1.25"	2.63"	.38"	10.9
	E-11709	4.17"	1.25"	2.92"	.38"	10.9
	E-11704	2.54"	.83"	1.72"	.38"	10.9
	E-11705	3.11"	.98"	2.13"	.38"	10.9

WHEEL END

Grade 10.9 (metric equivalent of Grade 8)

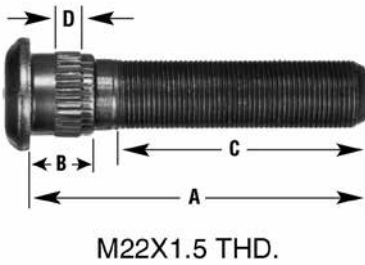
WHEEL END

METRIC SERRATED STUDS - STUD BODY DIAMETER .888



EUCLID NO.	A	B	C	D	GR.
E-9837	3.72"	.87"	2.56"	.38"	10.9

METRIC SERRATED STUDS - STUD BODY DIAMETER .890

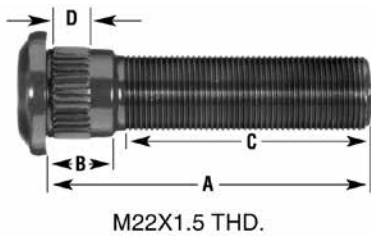


EUCLID NO.	A	B	C	D	GR.
E-11708	2.76"	.79"	1.65"	.38"	10.9
E-11718	2.81"	.87"	1.68"	.38"	10.9
E-11710	3.34"	.87"	2.23"	.38"	10.9
E-11714	3.61"	.87"	2.67"	.38"	10.9
E-11713	3.85"	.87"	2.69"	.38"	10.9
E-11717	3.85"	1.12"	2.63"	.38"	10.9
E-11701	3.88"	.87"	2.75"	.38"	10.9
E-11716	4.17"	.87"	3.01"	.38"	10.9
E-11702	4.31"	.87"	3.18"	.38"	10.9
E-11715	4.78"	.81"	3.84"	.38"	10.9

METRIC CLIPPED HEAD STUDS - STUD BODY DIAMETER .981

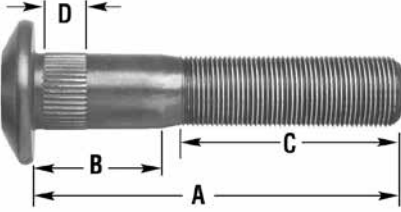


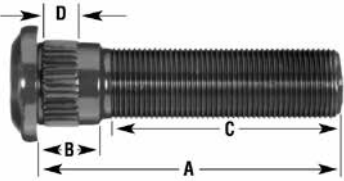
EUCLID NO.	A	B	C	D	GR.
E-5998	3.19"	.88"	2.00"	.41"	10.9
E-5997	3.66"	.88"	2.45"	.41"	10.9
E-5999	4.56"	.88"	3.40"	.41"	10.9

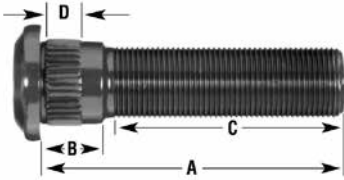


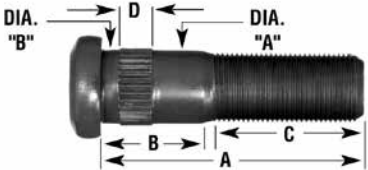
E-11719	2.94"	.87"	1.77"	.38"	10.9
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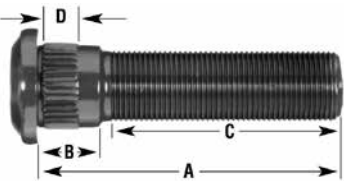
Grade 10.9 (metric equivalent of Grade 8)

METRIC SERRATED STUDS - STUD BODY DIAMETER .910							
 <p>M22X1.5 THD.</p>	EUCLID NO.	A	B	C	D	GR.	
	E-10222	3.66"	1.22"	2.09"	.50"	10.9	
	E-10218	3.97"	1.56"	2.06"	.50"	10.9	
	E-10215	4.09"	1.06"	2.34"	.50"	10.9	
	E-10223	4.16"	1.22"	2.09"	.50"	10.9	
	E-10219	4.47"	1.56"	2.56"	.50"	10.9	
	E-10216	4.59"	1.06"	2.84"	.50"	10.9	
	E-10217	4.97"	1.06"	3.22"	.50"	10.9	
	E-10220	4.97"	1.56"	3.06"	.50"	10.9	
	E-10221	5.34"	1.56"	3.44"	.50"	10.9	

METRIC CLIPPED HEAD STUDS - STUD BODY DIAMETER .975							
 <p>M22X1.5 THD.</p>	EUCLID NO.	A	B	C	D	GR.	
	E-9009	2.56"	.72"	1.69"	.38"	10.9	
	E-10242	2.91"	.72"	1.66"	.38"	10.9	
	E-17001	3.50"	.69"	2.50"	.50"	10.9	
	E-6036	3.50"	.72"	2.25"	.38"	10.9	
	E-8988	3.69"	.88"	2.34"	.50"	10.9	
	E-6035	3.94"	.72"	2.69"	.38"	10.9	
	E-8981	4.00"	.88"	2.91"	.50"	10.9	
	E-10676	4.25"	.68"	3.25"	.50"	10.9	

METRIC CLIPPED HEAD STUDS - STUD BODY DIAMETER .975 (CONTINUED)							
 <p>M22X1.5 THD.</p>	EUCLID NO.	A	B	C	D	GR.	
	E-9526	4.31"	.72"	3.06"	.38"	10.9	
	E-14640	4.50"	.47"	3.50"	.37"	10.9	
	E-6034	4.78"	.72"	3.53"	.38"	10.9	
	E-8980	5.09"	.88"	3.75"	.50"	10.9	
	E-8987	5.19"	1.06"	3.72"	.50"	10.9	

METRIC SERRATED STUDS								
 <p>M22X1.5 THD.</p>	EUCLID NO.	STUD BODY DIA.		A	B	C	D	GR.
		"A"	"B"					
	E-8960	.982	1.001	3.44"	2.00"	1.00"	.50"	10.9

METRIC SERRATED STUDS - STUD BODY DIAMETER 1.22							
 <p>M22X1.5 THD.</p>	EUCLID NO.	A	B	C	D	GR.	
		E-8986	4.52"	1.00"	2.63"	.44"	10.9

BUDD, DAYTON, GUNITE, MERITOR

WHEEL END

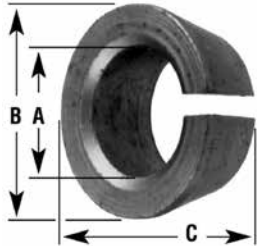


EUCLID NO.	BODY DIA.	LENGTH	HUB END		NUT END	
			THREAD	THRD.LGTH.	THREAD	THRD. LGTH.
E-5796	.44"	2.16"	.44"-14	.56"	.44"-20	.94"
E-5798	.50"	2.38"	.50"-13	.81"	.50"-20	.88"
E-5799	.50"	2.50"	.50"	.75"	.50"	.81"
E-11649	.50"	2.88"	.50"	.83"	.50"	.98"
E-11648	.50"	3.00"	.50"	1.00"	.50"-13	1.00"
E-11652	.50"	3.03"	.50"	1.00"	.50"-13	1.00"
E-5944	.56"	2.50"	.56"-12	.81"	.56"-18	.88"
E-11647	.56"	2.50"	.56"	1.00"	.56"	.90"
E-11646	.62"	2.88"	.62"-11	1.150"	.62"-18	1.12"
E-11651	.62"	2.94"	.62"	.85"	.62"-11	1.38"
E-11654	.62"	3.03"	.62"	.96"	.62"-18	1.36"
E-5946	.63"	2.50"	.63"-11	.94"	.63"-18	1.00"
E-5800	.63"	2.75"	.63"-11	1.00"	.63"-18	1.00"
E-5947	.63"	2.88"	.63"-11	.94"	.63"-18	1.00"
E-5954	.63"	2.88"	.63"-11	1.00"	.63"-18	1.06"
E-5801	.63"	3.06"	.63"-11	1.13"	.63"-18	1.06"
E-5949	.63"	3.25"	.63"-11	.94"	.63"-18	1.00"
E-5872	.63"	3.69"	.63"-11	1.53"	.63"-18	1.13"
E-5955	.75"	3.25"	.75"-10	1.13"	.75"-16	1.25"
E-4960	.75"	3.75"	.75"-10	1.13"	.75"-16	1.63"


DRIVE FLANGE & GENERAL PURPOSE STUDS




EUCLID NO.	BODY DIA.	LENGTH	HUB END		NUT END		GRADE
			THREAD	THREAD LENGTH	THREAD	THREAD LENGTH	
E-4942	.50"	2.00"	.50"-13	.69"	.50"-20	1.06"	8
E-4944	.50"	2.50"	.50"	.81"	.50"	1.19"	8
E-4945	.50"	2.75"	.50"	.94"	.50"	1.44"	8
E-4946	.50"	3.00"	.50"	.94"	.50"	1.75"	8
E-4947	.50"	3.50"	.50"	.94"	.50"	2.25"	8
E-4948	.56"	2.50"	.50"	.88"	.50"	1.25"	8
E-4949	.56"	2.75"	.56"-12	.94"	.56"-18	1.50"	8
E-4950	.56"	3.25"	.56"-12	.94"	.56"-18	1.94"	8
E-4951	.63"	2.63"	.63"-11	.94"	.63"-18	1.25"	8
E-5702	.63"	2.63"	.63"	1.06"	.63"	1.06"	8
E-4952	.63"	3.00"	.63"	.88"	.63"	1.81"	8
E-4953	.63"	3.50"	.63"	.88"	.63"	2.25"	8

DRIVE FLANGE WEDGE (PLATED)			
	EUCLID NO.	INNER DIA.	OUTER DIA.
	E-5952	.44"	.69"
	E-5736	.44"	.75"
	E-5737	.44"	.75"
	E-5738	.44"	.81"
	E-5739	.50"	.81"
	E-5740	.50"	.81"
	E-5957	.50"	.88"
	E-5742	.56"	.88"
	E-5743	.63"	1.00"
	E-5960	.63"	1.00"
	E-10828	.75"	1.13"


DRIVE FLANGE NUTS

	EUCLID NO.	THREAD	HEX
	E-5961	.44"-20	.69"
	E-5962	.50"-20	.75"
	E-5963	.56"-18	.88"
	E-2002	.63"-18	.94"
	E-5964	.75"-16	1.13"
	E-5032	.50"-20	.75"

DRUM BOLT ASSEMBLIES

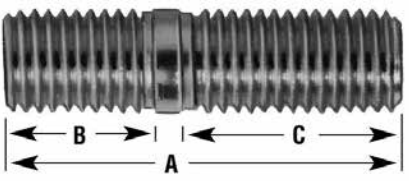
	EUCLID NO.	LENGTH	GRADE	TORQUE SPEC FT/LBS
	E-5970	2.00"	8	150-175
	E-9261	2.25"	8	150-175
	E-5971	2.00"	8	250-275
	E-9262	2.25"	8	250-275
	E-5972	2.00"	8	250-275

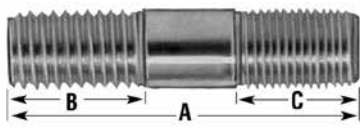
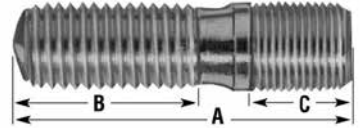
BRAKE DRUM ATTACHING SCREW

FOR OUTBOARD MOUNTING			
	EUCLID NO.	THREAD	LENGTH
	E-5018	.50" - 13	1.00"




SPOKE WHEEL & RIM STUDS

WHEEL END

	EUCLID NO.	A	THREAD	THREAD LENGTH	
				B	C
		E-4955	2.38"	.63" - 11	.88"
	E-4958	2.75"	.63 in - 11	.88"	1.69"
	E-4956A	3.00"	.75" - 10	1.06"	1.75"
	E-5706	3.13"	.75" - 10	1.06"	1.88"
	E-5726	3.25"	.63" - 11	.88"	1.88"
	E-4957	3.56"	.75" - 10	1.63"	1.63"
	E-5728	3.63"	.75" - 10	1.06"	2.38"
	E-5729	4.00"	.75" - 10	1.06"	2.75"

	EUCLID NO.	A	B		C	
			THREAD	LENGTH	THREAD	LENGTH
	E-5887	2.50"	.56"-12	.88"	.56"-18	.81"
	E-4987A	2.88"	.75"-10	1.63"	.75"-16	.88"

SPOKE WHEEL & RIM BOLTS

	EUCLID NO.	THREAD	LENGTH	GENERAL INFORMATION	GRADE
	E-5012	.63 in-11	2.00"	Clipped head, round body. Use with E-4962 Nut.	8
	E-5761	.75"-10	2.19"	Use with E-4963 Nut.	8
	E-4990A	.63"-11	2.25"	Use with E-4962 Nut. Square Head	8

SPOKE WHEEL & RIM STUDS

Brake and
Wheel End

WHEEL END

	EUCLID NO.	A	B	C	D	SPACER WIDTH
	E-5926	.50"	2.00"	2.00"	.75"	
	E-5838	.19"	2.50"	2.63"	.75"	
	E-5570	1.00"	2.88"	2.50"	.63"	4.00"
	E-5571A	1.13"	2.88"	2.50"	.75"	4.00"
	E-5784A	1.38"	2.88"	2.50"	.75"	4.00"
	E-5040A	1.50"	2.88"	2.50"	.75"	3.63"
	E-5044	1.63"	2.75"	2.50"	.63"	3.38"
	E-5572A	1.75"	2.88"	2.50"	.75"	3.38"
	E-5785A	1.88"	2.88"	2.41"	.75"	3.38"
	E-5827	1.13"	6.00"	2.44"	.75"	
	E-5883	1.31"	6.00"	2.50"	.75"	
	E-5828	1.81"	6.00"	2.44"	.75"	3.38"
	E-5573	1.13"	3.50"	2.25"	.63"	4.00"

RIM CLAMPS







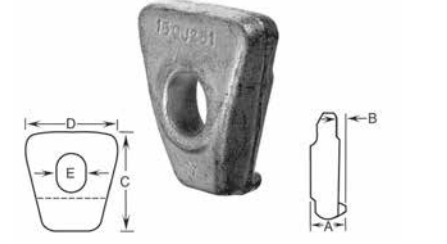
WHEEL END

	EUCLID NO.	A	B	C	D	SPACER WIDTH
	E-5837	1.81"	2.25"	1.81"	.75"	
	E-5823	1.13"	2.50"	2.44"	.75"	
	E-5885	1.19"	2.50"	2.41"	.75"	
	E-5822	1.50"	2.50"	2.44"	.75"	
	E-5820	1.63"	2.50"	2.44"	.75"	
	E-5781	1.88"	2.50"	2.44"	.75"	
	E-5821	2.13"	2.50"	2.44"	.75"	
	E-5783	2.38"	2.50"	2.44"	.75"	
	E-5841	.53"	1.88"	2.00"	.75"	
	E-5902	.50"	2.50"	3.63"	.75"	8.00"
	E-9023	.63"	2.50"	3.63"	.75"	
	E-5890	.50"	2.00"	2.13"	.75"	
	E-5891	.75"	2.00"	2.16"	.75"	

RIM CLAMPS


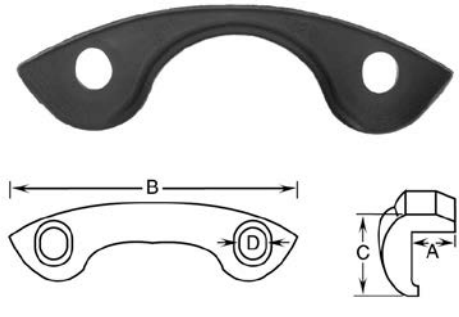

Brake and Wheel End

WHEEL END

	EUCLID NO.	A	B	C	D	SPACER WIDTH
	E-9024	.34"	2.63"	2.75"	.75"	
	E-5974	1.44"	2.31"	2.34"	.75"	Type 2 Rear Wheel
	E-5904A	1.38"	2.88"	2.38"	.75"	4.00"
	E-5906	1.63"	2.25"	2.25"	.75"	3.63"
	E-5904A	1.31"	2.63"	2.19"	.75"	4.00"
	E-6053	1.00"	.31"	2.63"	2.50"	.81"

RIM CLAMPS

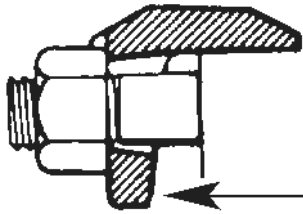
WHEEL END

	EUCLID NO.	A	B	C	D	SPACER WIDTH
	E-6054	.50"	1.25"	3.44"	2.06"	.81"
	EUCLID NO.	A	B	C	D	WHEEL SIZE
	E-5825	1.06"	12.31"	2.31"	.75"	22"
	E-5824	1.13"	10.63"	2.50"	.75"	20"
	E-5953	1.25"	7.75"	1.81"	.75"	15"
	E-5973	1.94"	7.69"	1.86"	.75"	15"
	EUCLID NO.	A	B	C	STUD D	COMMENTS
	E-5976	5.75"	3.25"	2.38"	.75"	Not recommended for Severe Service off-highway applications

NOTES: _____

SPOKE WHEEL SERVICE INFORMATION

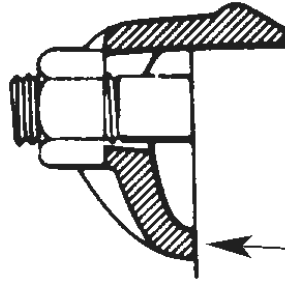
HEEL-LESS CLAMP



Heel-less clamps do not depend on a fulcrum at the bottom of the clamp to produce the force to wedge the rims.

Heel of clamp does not touch wheel here.

HEEL CLAMP

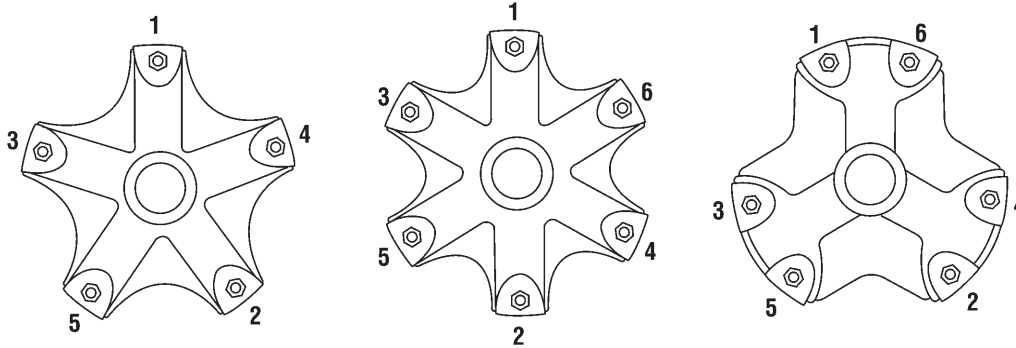


Gap permissible but not required - if gap exceeds 1/4" or if clamp bottoms out before reaching 80% of recommended torque, check to insure that proper clamps and spacer are being used.

MOUNTING INSTRUCTIONS

1. Position all Rim Clamps in place, then install the Rim Clamp Nuts finger tight. If Ball Faced Nuts are required by clamp design, be sure they are placed with the ball side to the Clamp.
2. Lightly tighten Nuts in the sequence shown to 50 foot-pounds.

Tighten Nuts to Wheel manufacturer's Specifications in the sequence shown. Tighten Nuts and a quarter turn at a time.



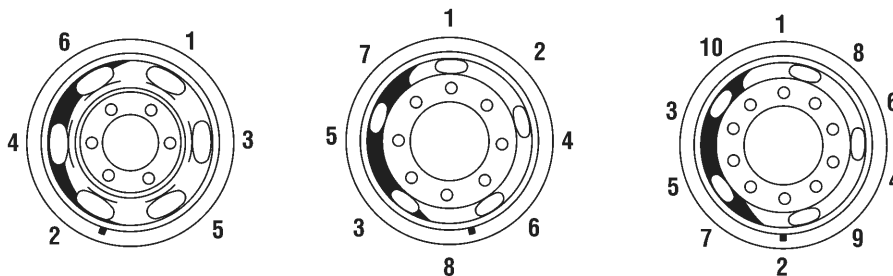
TORQUE CHART

NUT THREAD	TORQUE LEVEL
5/8" - 11	160 - 200 ft. lbs. (dry)
3/4" - 10	200 - 260 ft. lbs. (dry)

Information courtesy of TMC (The Maintenance Council of The American Trucking Association). For complete wheel service guidelines see TMC RP-222, "User's Guide to Wheels and Rims".

INSTALLATION TIPS

1. Never mix hub-piloted and stud-piloted wheels, hubs and nuts. The result could be loss of torque, a cracked wheel or possible wheel loss.
2. For nuts used on hub-piloted wheels, apply two drops of oil to a point between the nuts and flanges and two drops to the last 2 or 3 threads at the end of each stud. Also, lightly lubricate the pilots on the hub to ease wheel installation and removal. Do not get lubricant on the mounting face of the drum or wheel.
3. For nuts used on stud-piloted wheels, do not use lubrication. Never lubricate wheel or nut ball seats or mounting faces. If lubrication is used, consult the wheel manufacturer for torque recommendations.
4. Install nuts using proper installation sequence as shown below. Snug up nuts to about 50 ft.lbs. Torque. Do not tighten fully until all have been seated; then torque to specs as shown below using the same installation sequence.
5. After a wheel assembly has been installed, recheck the torque level between 50 and 100 miles of operation and retighten if necessary to the recommended torque using the proper sequence.
 - a. To check and retorque an inner cap nut, it is necessary to loosen the outer cap nut first; then tighten the inner cap nut. Outer cap nuts then must be retightened to the proper level.
 - b. It is recommended that a torque check be made as part of a vehicle's scheduled maintenance program or at 10,000 mile intervals, whichever comes first.





TORQUE CHART


MOUNTING TYPE	NUT THREAD	TORQUE LEVEL
Hub-piloted with flange nut	11/16" – 16	280-330 ft. lbs (oiled)*
	M20 x 1.5	450-500 ft. lbs (oiled)*
	M22 x 1.5	300-400 ft. lbs (oiled)*
Stud-piloted, double cap nut- heavy-duty type (7/8" ball seat radius)	3/4" – 16	450-500 ft. lbs (dry)*
	1-1/8" - 16	450-500 ft. lbs (dry)*
Stud-piloted, double cap nut - heavy-duty type (1-3/16" ball seat radius)	15/16" – 12	750-900 ft. lbs (dry)*
	1-1/8" – 16	750-900 ft. lbs (dry)*
	1-5/16" - 12	750-900 ft. lbs (dry)*


* See Installation Tip #2 (above)



Information courtesy of TMC (The Maintenance Council of The American Trucking Association). For complete wheel service guidelines see TMC RP-222, "User's Guide to Wheels and Rims".

WHEEL END

EATON & FRUEHAUF AXLES									
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		PIN	
						O.D.	I.D.	DIA.	LENGTH
	E-2306	Cotter Pin						.25"	3"
	E-620	Axle Spindle Washer			.25"	3"	1.50" x 1.38" "D" Hole		



EATON, MERITOR, SPICER & STD. FORGE 13,000 & 14,000 LB. AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-617	Axle Spindle Lock Washer			.06"	3"	1.75" x 1.63" "D" Hole	
	E-619	Axle Thrust Washer			.13"	3"	1.75" x 1.63" "D" Hole	

FRUEHAUF PRO-PAR® AXLE AND MERITOR EARLY MODEL TP AXLE									
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		PIN	
						O.D.	I.D.	DIA.	LENGTH
	E-1559	Cotter Pin						.25"	1"

FRUEHAUF PRO-PAR® AXLE AND MERITOR EARLY MODEL TP AXLE									
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		PIN	
						O.D.	I.D.	DIA.	LENGTH
	E-1561	Axle Spindle Washer			.22"	5.06"	3.50"		
	E-2550	Axle Spindle Nut	4.75"	3.50"-12	1.13"				

WHEEL END

MERITOR RL, RN, RQ, TK, TKL, TKN AXLES - "POSITIVE" ADJUSTMENT								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-3010	Axle Spindle Lock Washer			.06"	4"	2.41"	
	E-1252	Axle Spindle Lock Washer			.38"	3.81"	2.41"	
	E-1251	Outer Axle Spindle Nut	3.25"	2.38"16	.38"			

MERITOR RL, RN, RQ, TK, TKL, TKN AXLES - "POSITIVE" ADJUSTMENT								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-1253	Inner Axle Spindle Nut	3.81"	2.38"16	.50"			
	E-2128	Replacement Service Nut	3.81"	2.38"16	.50"			Used in place of E-1253 to convert to "MANUAL" adjustment


MERITOR TN, TQ AXLES - "MANUAL" ADJUSTMENT								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-3008	Lock Washer			.25"	3.88"	2.64"	Includes E-10793 set screw
	E-572	Outer Axle Spindle Nut	3.25"	2.63"-16	.38"			
	E-540	Inner Axle Spindle Nut	3.81"	2.63"-16	.38"			
	MER614743	Temper-Loc Spindle Nut	3.81"	2.63"-16	.38"			Replaces 447-4743

WHEEL END




MERITOR TN, TQ AXLES - "POSITIVE" ADJUSTMENT

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-7663	Axle Spindle Lock Washer			.23"	3.88"	2.39"	
	E-1251	Outer Axle Spindle Nut	3.25"	2.38"-16	.38"			
	E-1253	Inner Axle Spindle Nut	3.81"	2.38"-16	.50"			
	E-2128	Replacement Service Nut	3.81"	2.38"-16	.50"			Used in place of E-1253 to convert to "manual" adjustment

MERITOR TP AXLE - "MANUAL" ADJUSTMENT

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-7665	Axle Spindle Lock Washer			.22"	5.06"	3.50"	Includes E-1073 set screw
	E-7666	Outer Axle Spindle Nut	4.38"	3.50"-12	.38"			
	E-7664	Inner Axle Spindle Nut	4.84"	3.50"-12	.38"			
	MER614723	Temper-Loc Spindle Nut		3.63"-12				Replaces 447-4773





MERITOR TP AXLE - "POSITIVE" ADJUSTMENT								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-7660	Axle Spindle Lock Washer			.23"	4.75"	3.31"	Includes E-1073 set screw
	E-7659	Axle Spindle Lock Washer			.28"	5"	3.28"	
	E-2303	Inner Axle Spindle Nut	4.00"	3.25"-12	.38"			
	E-2305	Outer Axle Spindle Nut	4.00"	3.25"-12	.38"			
	E-7658	Inner Axle Spindle Nut	4.00"	3.25"-12	.38"			Use E-2303 and E-7660 together in place of E-7658 to convert to "MANUAL" adjustment

MERITOR TR AXLE								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-7660	Axle Spindle Lock Washer			.23"	4.75"	3.31"	Includes E-10793 set screw
	E-2303	Inner Axle Spindle Nut	4.00"	3.25"-12	.38"			
	E-2305	Outer Axle Spindle Nut	4.00"	3.25"-12	.38"			



TRAILER AXLE SPINDLE HARDWARE

WHEEL END

MERITOR, EATON, KERSHAW & STD. FORGE 17,000 & 18,000 LB. TRADE AXLES

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		TAB LENGTH
						O.D.	I.D.	
	E-3009	Axle Spindle Lock Washer			.06"	4.03"	2.64"	.09"
	E-2237	Axle Spindle Lock Washer			.06"	4.03"	2.64"	.16"
	E-573	Axle Spindle Lock Washer			.25"	3.94"	2.64"	
	E-572	Outer Axle Spindle Nut	3.25"	2.63"-16	.38"			
	E-540	Inner Axle Spindle Nut	3.81"	2.63"-16	.38"			

MERITOR, SPICER & STD. FORGE 11,000 LB. AXLES



	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-1000	Axle Spindle Lock Washer			.06"	2.88"	1.50" x 1.38" "D" Hole	
	E-1001	Axle Thrust Washer			.13"	2.25"	1.50" x 1.38" "D" Hole	
	E-1087	Spindle Nut	2.25"	1.50"-12	.28"			

SPICER D21 & D22 AND STD. FORGE A25 & A26 AXLES


	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2237	Axle Spindle Lock Washer			.06"	4.03"	2.64"	
	E-573	Axle Spindle Lock Washer			.25"	3.94"	2.64"	

WHEEL END


SPICER D21 & D22 AND STD. FORGE A25 & A26 AXLES

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-572	Outer Axle Spindle Nut	3.25"	2.63"-16	.38"			
	E-540	Inner Axle Spindle Nut	3.81"	2.63"-16	.38"			



CHEVROLET & GMC G30, P30, G3500



	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4879	Thrust Washer			.13"	2.25"	.88"	

FORD 5,000 LB. FRONT AXLE

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4859	Axle Spindle Nut	1.44"	1.00"-14	.63"			


FORD 6,000 LB. FRONT AXLE


	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4869	Thrust Washer			.19"	3"	1.50"	
	E-4861	Axle Spindle Nut	2.25"	1.50"-18	.88"			


MACK FRONT AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-3502	Axle Thrust Washer			.13"	3"		
	E-3501	Axle Spindle Nut	2.63"	1.63"-12	.38"			

NAVISTAR 02109 (DANA FA109) 9,000 LBS. NAVISTAR 02139 (DANA FA139) 12,000 LBS. NAVISTAR 02309 (DANA I-90) 9,000 LBS. NAVISTAR 02329 (DANA I-108) 10,800 LBS.								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4871	Lock Washer			.09"	3.44"	2.09"	
	E-6138	Thrust Washer			.25"	3.75"	2.09"	
	E-4855	Axle Spindle Nut	2.88"	2.06"-16	.38"			
	E-4871	Lock Washer			.09"	3.44"	2.09"	
	E-6139	Thrust Washer			.25"	4.13"	2.09"	
	E-4855	Axle Spindle Nut	2.88"	2.06"-16	.38"			

WHEEL END

NAVISTAR FA48								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4875	Thrust Washer			.20"	2.13"	1"	



NAVISTAR FA70, FA89, FA91, FA98								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4868	Thrust Washer			.16"	2.63"	1.13"	

MERITOR FD-900, FD-901, FE-900, FF-901, FF931 AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2298	Spindle Washer			.03", .05"	2.75"	1.53"	




MERITOR FD-900, FD-901, FE-900, FF-901, FF931 AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2297	Axle Spindle Lock Washer			.19"	2.75"	1.53"	
	E-2296	Outer Axle Spindle Nut	2.25"	1.50"-12	.44"			
	E-2299	Inner Axle Spindle Nut	2.63"	1.50"-12	.38"			
	MER614836	Temper-Loc Spindle Nut FF Axle	2.63"	1.50"-12				Replaces 448-4836
	MER614837	Temper-Loc Spindle Nut FE Axle	2.63"	1.50"-18				Replaces 448-4836

STEERING AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS

WHEEL END

MERITOR FE-970 AND E SERIES DRIVE AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2301	Axle Spindle Lock Washer			.06"	3.31"	2.25"	
	E-2300	Axle Spindle Nut	2.88"	2.25"-16	.31"			



MERITOR FG-900 AXLE								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2659	Axle Spindle Washer			.03"	3.25"	1.78"	
	E-2660	Lock Washer			.22"	3.00"	1.78"	
	E-3510	Inner Nut		1.75"-12	.50"	3.31"		
	E-2658	Outer Axle Spindle Nut	2.50"	1.75"-12	.69"			

MERITOR 16,000 LB. AXLE								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2659	Axle Spindle Washer			.03"	3.25"	1.78"	
	E-2660	Lock Washer			.22"	3.00"	1.78"	
	E-2658	Outer Axle Spindle Nut	2.50"	1.75"-12	.69"			


STEERING AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS




Brake and
Wheel End

WHEEL END

MERITOR FH-901, FL-901, FL-931 AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2663	Axle Thrust Washer			.25"	4.13"	1.78"	
	E-2662	Axle Spindle Nut	2.63"	1.75"-12	1.38"			



CHEVROLET & GMC H150								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4873	Lock Washer			.06"	3.13"	2.13"	



CHEVROLET & GMC T150 & T170								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4876	Lock Washer			.08"	3.88"	2.50"	
	E-4858	Axle Spindle Nut	3.63"	2.50"-16	.38"			



EATON 32M-MR, -34M, -MF, 34D-DT-RT, 17800-17801 SERIES AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2461	Lock Washer			.13"	4"	2.63"	
	E-2462	Inner Axle Spindle Nut	3.44"	2.63"-12	.47"			
	MER614973	Temper-Loc Spindle Nut		2.63"-12				Replaces 449-4973

STEERING AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS

WHEEL END

EATON 38R3, RP-RT, 42R3-RP-RT, 18800, 18801-02-03 SERIES AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2464	Axle Spindle Lock Washer			.13"	4.50"	3"	
	E-2465	Inner Axle Spindle Nut	3.81"	3.00"-12	.38"			

EATON 32M-MR, -34M, -MF, 34D-DT-RT, 17800-17801 SERIES AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2467	Axle Spindle Lock Washer			.13"	4.75"	3.25"	
	E-2468	Inner Axle Spindle Nut	4.13"	3.25"-12	.50"			

FORD 15,000 LB. REAR AXLE								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4878	Lock Washer			.06"	3"	2"	
	E-4863	Axle Spindle Nut	2.56"	2.00"-16	2.03"			

STEERING AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS

Brake and
Wheel End

WHEEL END

FORD 18,000 LB. REAR AXLE								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2461	Lock Washer			.13"	4"	2.63"	
	E-573	Axle Spindle Lock Washer			.25"	3.94"	2.64"	
	E-2462	Inner Axle Spindle Nut	3.44"	2.63"-12	.47"			
	E-6142	Axle Spindle Nut	3.50"	2.63"-12	.38"			

MACK 50,000 LB.								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2304	Axle Spindle Lock Washer			.19"	4.38"	3.25"	
	E-2305	Outer Axle Spindle Nut	4.00"	3.25"-12	.38"			
	E-2303	Inner Axle Spindle Nut	4.00"	3.25"-12	.38"			
	MER614973	Temper-Loc Spindle Nut						

STEERING AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS

WHEEL END

MACK 55,000, 58,000, 65,000 LB. SW-50C, SW-55C, SW-58C, SW-65C, S-50C, S-55C, S-58C, S-65C

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-6148	Thrust Washer			.25"	6.38"	4"	
	E-6146	Lock Washer			.25"	5.25"	3.56"	
	E-6147	Axle Spindle Nut	5.25"	3.56"-12	.50"			
	E-6145	Axle Spindle Nut	5.25"	3.56"-12	.50"			




MACK SW-56C SERIES AXLE



	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-3505	Axle Spindle Lock Washer			.16"	4.44"	2.89"	
	E-6144	Washer			.25"	4.13"	3.25"	
	E-3504	Inner Axle Spindle Nut	4.13"	2.88"-12	.38"			
	E-3506	Outer Axle Spindle Nut	4.13"	2.88"-12	.38"			



STEERING AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS

Brake and
Wheel End

WHEEL END

MACK SW-57C SERIES AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-3508	Axle Spindle Lock Washer			.25"	4.44"	2.95"	
	E-3509	Outer Axle Spindle Nut	4.13"	2.94"-12	.38"			
	E-3507	Inner Axle Spindle Nut	4.13"	2.94"-12	.38"			



NAVISTAR 14039 (INTERNATIONAL/DANA F170S) NAVISTAR 14042 (INTERNATIONAL/DANA J175S) NAVISTAR 14199 (EATON 16244) NAVISTAR 14341 (INTERNATIONAL/DANA RA341)						17,000 LBS. 17,500 LBS. 17,500 LBS. 30,000 LBS.		
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4881	Lock Washer			.13"	3.75"	2.53"	
	E-4857	Axle Spindle Nut	3.25"	2.50"-12	.34"			

NAVISTAR 14044 (INTERNATIONAL/DANA J190S) NAVISTAR 14186 (EATON 17202/22) NAVISTAR 14351 (INTERNATIONAL/DANA G340S)						19,000 LBS. 19,000 LBS. 34,000 LBS.		
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-4877	Lock Washer			.13"	4.06"	2.63"	
	E-2462	Inner Axle Spindle Nut	3.44"	2.63"-12	.47"			



DRIVE AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS

WHEEL END




NAVISTAR 14308 (EATON DS402P)	40,000 LBS.
NAVISTAR 14309 (EATON RT402)	40,000 LBS.
NAVISTAR 14342, 14464 (EATON DT401P)	40,000 LBS.
NAVISTAR 14311 (EATON RS460/461)	46,000 LBS.
NAVISTAR 14364 (EATON RS401)	40,000 LBS.
NAVISTAR 14493 (EATON RS341)	34,000 LBS.
NAVISTAR 14494 (EATON RS381/402)	38,000 LBS.
NAVISTAR 14277 (MERITOR U240)	29,000 LBS.
NAVISTAR 14348 (MERITOR SQHD)	38,000 LBS.
NAVISTAR 14338, 14336 (MERITOR SRDD)	44,000 LBS.
NAVISTAR 14368 (MERITOR STDD)	50,000 LBS.

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-6141	Lock Washer			.13"	4.75"	3.25"	
	E-6140	Axle Spindle Nut	4.13"	3.25"-12	.38"			

MERITOR F SERIES AXLES

	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2418	Axle Spindle Lock Washer			.16"	3.75"	2.50"	
	E-2419	Outer Axle Spindle Nut	3.50"	2.50"-16	.31"			
	E-2417	Inner Axle Spindle Nut	3.50"	2.50"-16	.31"			




MERITOR H SERIES AXLES




	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2421	Axle Spindle Lock Washer			.19"	3.75"	2.63"	
	E-2422	Outer Axle Spindle Nut	3.50"	2.63"-16	.31"			
	E-2420	Inner Axle Spindle Nut	3.50"	2.63"-16	.31"			





DRIVE AXLE SPINDLE HARDWARE FOR LIGHT, MEDIUM, AND HEAVY-DUTY TRUCKS

Brake and
Wheel End

WHEEL END

MERITOR SPECIAL H SERIES AXLES H-145, H-162, H-172, H-240, H-262, H-362, H-350								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2421	Axle Spindle Lock Washer			.19"	3.75"	2.63"	
	E-2462	Inner Axle Spindle Nut	3.44"	2.63"-12	.47"			
	E-6142	Axle Spindle Nut	3.50"	2.63"-12	.38"			

MERITOR L SERIES AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2424	Axle Spindle Lock Washer			.19"	4.25"	3"	
	E-2425	Outer Axle Spindle Nut	4.00"	3.00"-12	.38"			
	E-2423	Inner Axle Spindle Nut	4.00"	3.00"-12	.38"			

MERITOR Q & R SERIES AXLES FOR SQHD & R170 DRIVE AXLES								
	EUCLID NO.	DESCRIPTION	ACROSS FLATS	THREAD SIZE	THICKNESS	WASHERS		COMMENTS
						O.D.	I.D.	
	E-2304	Axle Spindle Lock Washer			.19"	4.38"	3.25"	
	E-2305	Outer Axle Spindle Nut	4.00"	3.25"-12	.38"			
	E-2303	Inner Axle Spindle Nut	4.00"	3.25"-12	.38"			
	MER614973	Temper-Loc Spindle Nut						Replaces 449-4973

MERITOR WHEEL BEARING ADJUSTMENT SYSTEM FOR THE AFTERMARKET

Optimal Preload with the Doctor Preload Tool.

Doctor Preload, when used in conjunction with Temper-Loc spindle nuts, is the ideal wheel-end bearing adjustment solution. The system sets the bearings to precise preload settings with a quick, simple, reliable and repeatable process.

Features and Benefits:

- Measured, precise, repeatable settings to optimal preload for more time on the road
 - Improved tire life
 - Optimal bearing, spindle and wheel seal life
 - Decreased ABS faults
- Adjusts wheel-end bearings to meet SAE J2535 recommended preload settings



Temper Axle Products Corporation
Leading the world in bearing adjustment technology

SPECIFICATIONS

DOCTOR PRELOAD TOOL PART NUMBER	USE WITH TEMPER-LOC NUT	RETAINER RING PART NUMBER	AXLE SPINDLE APPLICATION	AXLE APPLICATION
MER415005	MER614723	MER644723	TP Trailer	Meritor (TP), Dana, Eaton (P22), Fruehauf, Propar
MER415084	MER614743	MER644743	TN Trailer	Meritor (F, H, RL, RQ, TK, TKL, TKLD, TL, TLD, TN, TND, TO, TQC, TQD) Dana Spicer (D20, D21, D22, DD22, K21, K25, K30) Eaton (C, C2, CD, CD2, CE, ESA225J, EST, EST225J, EST230J, ETA230C, ETA225D, ETA225J, H23L, H25R, HCE, HJ, HJE, LA15, T18C, 20L-77,22L, 22R, J, JE, JH, 23L, 23R, 25R) Hendrickson (HN) Ingersoll (A22T) Standard Forge (A25, A26, 17,000 lbs, 18,000 lbs trade)
MER415002	MER614836	MER644836	FF Steer	Meritor (FD900, FD901, FD961, FE900, FE903, FF900, FF901, FF921, FF931, FF932, FF933, FF941, FF942, FF943, FF944, FF952, FF961, FG941) Spicer (1100S)
MER415347	MER614837	MER644837	FE Steer	Meritor (FE931) Eaton (EFA12FA, EFA13FS, E12001, FE931, 12K, 13.2K) Ford Sifco 12K Ford 6K
MER415004	MER614973	MER644973	R Drive	Meritor (TR), Eaton (P22), Ford, Rainstar

* Note: Not compatible with Conmet aluminum hubs for TN trailer axles. Contact our Customer Care team for more information.

SPECIFICATIONS

CONVERSION KIT PART NUMBER	DOCTOR PRELOAD TOOL PART NUMBER	AXLE SPINDLE APPLICATION	NOTES
MER425731	MER415002	FE Steer	Spindle Adapter Conversion Kit to allow field interchange of the MER415002 Doctor Preload Tool to be compatible with FE Steer

WHEEL END

Keep Your Trucks Up and Moving







Timken MileMate sets – the original matched wheel bearing sets – are designed to keep your trucks up and moving.

Benefits


- Accurately matched sets allow bearings to more evenly distribute loads, extending bearing life
- Supported by 1-year/unlimited mileage aftermarket parts warranty

SPECIFICATIONS			
	MILEMATE PART NO.	INDUSTRY NUMBER	APPLICATION
	SET401	580, 572	Industry Standard R Drive Axle Outer Bearing
	SET402	582, 572	Potential R Drive Axle Outer Bearing (Mack Special Radius)
	SET403	594A, 592A	Industry Standard R Drive Axle Inner Bearing
	SET404	598A, 592A	Potential R Drive Axle Inner Bearing (Mack Special Radius)
	SET405	663, 653	Trailer Axle Inner Bearing / Potential Rear (Drive or Trailer) Axle Outer Bearing
	SET406	3782, 3720	Industry Standard FF Steer Axle Outer Bearing
	SET407	28682, 28622	Rear Axle Inner Bearing / Front Steer Axle Outer Bearing
	SET408	39590, 39520	Industry Standard L Drive Axle Outer Bearing
	SET409	45280, 45220	Front Steer Axle Outer Bearing (Mack)


SPECIFICATIONS			
	MILEMATE PART NO.	INDUSTRY NUMBER	APPLICATION
	SET410	45284, 45220	Front Steer Axle Inner Bearing
	SET411	47686, 47620	Industry Standard L Drive Axle Inner Bearing
	SET412	HM212047, HM212011	Potential FF Steer Axle Inner Bearing / Potential N Trailer Axle Outer Bearing (Bore and Radius Change)
	SET413	HM212049, HM212011	Industry Standard FF Steer Axle Inner Bearing / Industry Standard N Trailer Axle Outer Bearing
	SET414	HM218248, HM218210	Industry Standard N Trailer Axle Inner Bearing
	SET415	HM518445, HM518410	Industry Standard P Trailer Axle Inner and Outer Bearing
	SET416	45291, 45220	Trailer Axle Bearing
	SET417	47890, 47820	Trailer Axle Bearing
	SET418	H715334, H715311	Front Steer Axle Inner Bearing
	SET419	H715343, H715311	Front Steer Axle Inner Bearing
	SET420	H715345, H715311	Front Steer Axle Inner Bearing

SPECIFICATIONS			
	MILEMATE PART NO.	INDUSTRY NUMBER	APPLICATION
	SET421	HM516449A, HM516410	Rear Axle Inner Bearing (Mack)
	SET422	HM516449C, HM516410	Rear Axle Inner Bearing (Mack)
	SET423	6461A, 6420	Industry Standard FL Steer Axle Inner Bearing
	SET424	555-S, 552A	Industry Standard FL Steer Axle Outer Bearing
	SET425	567, 563	Front Steer Axle Inner Bearing / Trailer Axle Inner Bearing / Rear Axle Outer Bearing (Mack)
	SET426	47679, 47620	Rear Axle Outer Bearing (Mack)


GREASE HUB CAP


	EUCLID NO.	BOLT CIRCLE DIA.	O.D.	I.D.	BOLT HOLE DIA.	NO. OF BOLT HOLES	COMMENTS
	E-975	5.50"	6.13"	4.50"	.31"	6	Use with E-03009 Gasket

HUB CAP GASKET

	EUCLID NO.	BOLT CIRCLE DIA.	O.D.	I.D.	BOLT HOLE DIA.	NO. OF BOLT HOLES
	E-03009	5.50"	6.38"	4.42"	.31", .38"	3, 5, 6

HUB CAP FOR FRUEHAUF PRO-PAR® AXLE

	EUCLID NO.	DESCRIPTION	THREAD SIZE	COMMENTS/REPLACES
	E-04975V	Vented Hub Cap	6.25"-8	For use with non-Fruehauf/Pro-Par® axles.
E-04975	Hub Cap Finished	6.25"-8	Fruehauf ACC-007538-900	

	E-04975H	Hub Cap	6.25"-8	Hub Cap includes O-Ring and Filler Plug. For use with Hubodometers.
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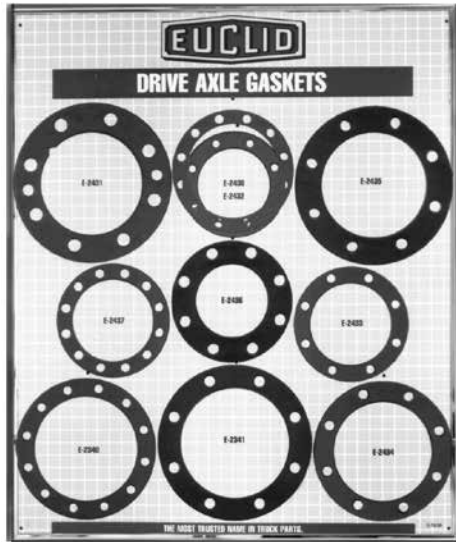
HUB CAP O-RING

	EUCLID NO.	DESCRIPTION	O.D.	I.D.	COMMENTS/REPLACES
	E-05500	Hub Cap O-Ring	6"	5.50"	Fruehauf AXA-0484-1

HUB CAP PLUGS

	EUCLID NO.	DESCRIPTION	COMMENTS/REPLACES
	E-04000	Hub Cap Filler Plug	Fruehauf AXA-1005-1

	E-04000V	Vented Hub Cap Filler Plug	For use with non-Fruehauf/Pro-Par® axles.
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E-7655

DRIVE AXLE GASKETS WITH FREE DISPLAY BOARD

Included with Display Board are 25 each of:

E-2340	E-2434
E-2341	E-2435
E-2431	E-2436
E-2432	E-2437
E-2433	E-2438

Display Board only E-7656

DRIVE AXLE FLANGE GASKETS



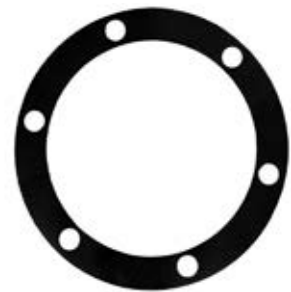
TYPE 1



TYPE 2



TYPE 3



TYPE 4

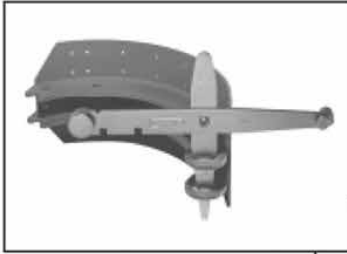
EUCLID NO.	TYPE	O.D.	I.D.	BOLT CIRCLE DIA.	BOLT SIZE	NO. OF BOLT HOLES
E-2432	2	5.56"	4.00"	4.75"	.44"	8
E-10237	2	6.00"	4.31"	5.13"	.50"	8
E-2437	3	6.06"	4.50"	5.25"	.56"	12
E-2433	2	6.13"	4.50"	5.28"	.50"	8
E-2436	2	6.44"	4.00"	5.50"	.63"	8
E-2438	3	6.50"	5.00"	5.69"	.44"	12
E-2434	2	7.38"	5.38"	6.38"	.56"	8
E-2340	3	7.44"	5.69"	6.56"	.50"	12
E-2341	2	8.25"	6.00"	7.00"	.63"	8
E-2435	2	8.38"	5.75"	7.00"	.63"	8
E-2431	1	8.50"	5.63"	7.00"	.75"	8
E-10238	4	8.50"	6.44"	7.44"	.69"	6

SECTION 7 — SERVICE TOOLS

Brake and
Wheel End

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UNIVERSAL BRAKE SHOE GAUGE



ANCHOR PIN GAUGE

- Go/No-Go Gauge For all Meritor and Fruehauf Standard and Quick Change Shoes.



WEB ALIGNMENT GAUGE

- Checks straightness of shoe web. (Except Eaton Shoes.)

EUCLID E-3863A



E-3863A TOOL

Can also be used to check the stretch of Wedge Brake Shoes. For detailed information, see instruction sheet included with each tool.



BRAKE SHOE IDENTIFICATION

- Helps determine if a brake shoe is made by Fruehauf or Meritor.



STRETCH GAUGE

- Checks stretch of all 16 1/2" Eaton, Fruehauf, and Meritor Shoes.

BRAKE SHOE ANCHOR PIN PRESS



EUCLID NO.

E-2654

GENERAL INFORMATION

A heavy-duty press that easily removes rusted and corroded brake shoe anchor pins without damage to the brake shoe spider. Removes pins up to 1-1/4" diameter. Use with E-6064 set to remove or install Ball Joints. Also used to remove Brake Shoe Anchor Pins and U-Joints.

HEAVY-DUTY TRUCK BRAKE SPRING PLIER






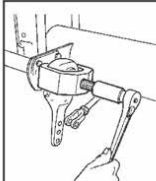
EUCLID NO.



E-2656

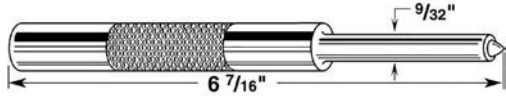
GENERAL INFORMATION


For Wedge Brakes. This heavy-duty truck brake spring plier provides the extra leverage and strength needed for servicing brake springs. Its 26-1/4" length gives the leverage to do the job.

HEAVY-DUTY BRAKE DRUM GAUGE KIT			
	EUCLID NO.	DESCRIPTION	GENERAL INFORMATION
	E-9136	Heavy-Duty Brake Drum Gauge Kit	<p>To quickly and easily measure scored, worn or heat-checked brake drums. Includes: Heavy-Duty Brake Drum Gauge, Gauge Calibration Tool, Euclid red hard plastic shell with padded interior to protect the Brake Drum Gauge.</p> <p>Measures any brake drum from 12" to 18" diameter in 1/4" increments. Both end tips of gauge are made with hardened steel balls inserted at contact points for accuracy and service. Easy-to-adjust slide bar shows exact drum diameter to be checked.</p>
	E-9139	Brake Lining/Block Thickness Gauge	<p>Simplifies checking standard and oversized brake lining. Readings can be recorded in either percentages or linear measure.</p>

SLACK ADJUSTER PULLERS			
	EUCLID NO.	SLACK TYPE	GENERAL INFORMATION
 	E-9319	Manual	<p>Eases the job of removing frozen slack adjusters. Available for Manual and Automatic Slack Adjusters. Slack Pullers have only one moving part and require only a wrench to use them. There are only four simple steps to follow to use the tools:</p> <ol style="list-style-type: none"> 1. Remove the grease fittings from the slack adjuster. 2. Slide the puller onto the slack adjuster body. 3. Turn the bolt on the puller. The bolt is self-aligning for quick positioning. 4. Catch the slack adjuster as it comes off the camshaft.
	E-9320	Automatic	

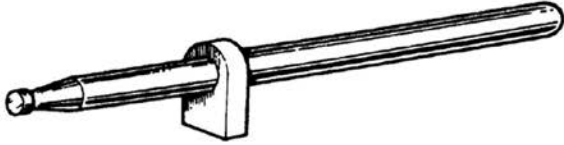
CLEVIS PIN PRESS		EUCLID NO.	GENERAL INFORMATION
 	E-3379	10,000 lb. capacity press shears cotter pin and pushes out	

ROLL PIN PUNCH TOOL		
	EUCLID NO.	GENERAL INFORMATION
	E-2098	Designed to remove E-626 Roll Pins. The smaller end will pilot in the roll pin and prevent punch from slipping.

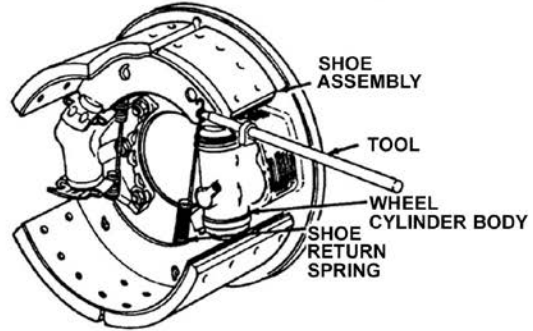
BUSHING REMOVAL AND INSTALLATION TOOL		
	EUCLID NO.	GENERAL INFORMATION
	E-1362	Use to remove or install 1-1/4" I.D. press-in anchor pin bushings.
	E-1250	Use to remove or install 1-1/2" I.D. press-in type camshaft bushings.
	E-2739	Use to remove or install 1-5/8" I.D. press-in type camshaft bushings.

RETURN SPRING REMOVAL TOOL FOR LUCAS BRAKE

**BRAKE SHOE RETURN SPRING
REMOVAL TOOL for LUCAS BRAKE**



**BRAKE SHOE RETURN SPRING
REMOVAL PROCEDURE**



EUCLID NO.

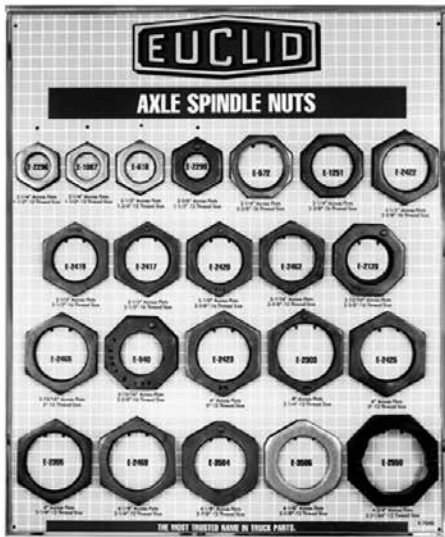
GENERAL INFORMATION

E-6061

1. Insert the end of the bar into the loop on one of the shoe return springs.
2. Using the wheel cylinder body as a fulcrum, unhook the spring from the shoe web.
3. Support the lower shoe, unhook the second spring, and remove the shoes.

NOTE: The shoe return spring is hooked on the backside of the shoe web. Be careful not to damage the manual adjustment wheel or the rubber dust boot.

SERVICE TOOLS

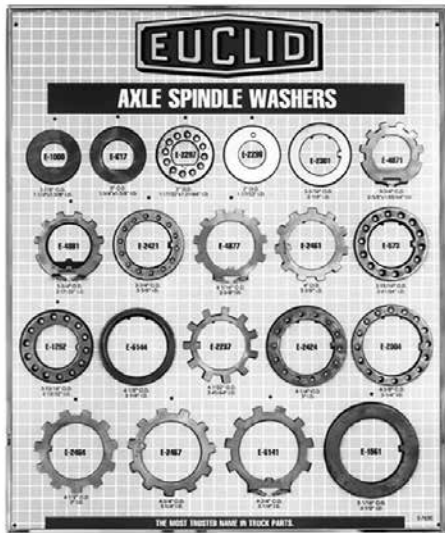


SPINDLE NUT ASSORTMENT

E-7647
 SPINDLE NUTS WITH FREE DISPLAY BOARD
 Features Euclid's most popular Spindle Nuts for medium & heavy-duty trucks.
 Included with Display Board are two each of:

EUCLID NO.	OPENING SIZE	EUCLID NO.	OPENING SIZE	EUCLID NO.	OPENING SIZE
E-540	Inner Nut	E-2303	Inner Nut	E-2462	Outer Nut
E-572	Outer Nut	E-2305	Outer Nut	E-2465	Outer Nut
E-618	Nut	E-2417	Inner Nut	E-2468	Outer Nut
E-1087	Nut	E-2419	Outer Nut	E-2550	Nut
E-1251	Outer Nut	E-2420	Inner Nut	E-3504	Inner Nut
E-2128	Service Nut	E-2422	Outer Nut	E-3506	Outer Nut
E-2296	Outer Nut	E-2423	Inner Nut		
E-2299	Inner Nut	E-2425	Outer Nut		

Display Board only E-7648

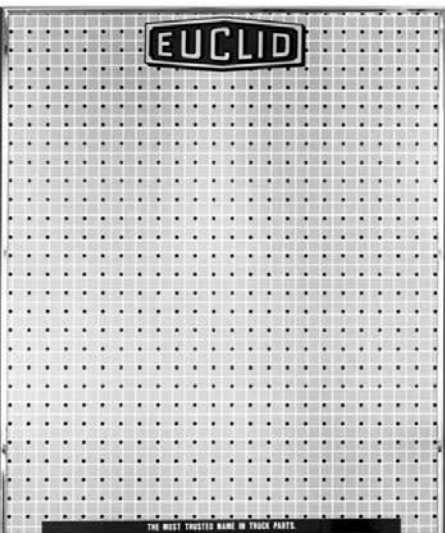


SPINDLE WASHER ASSORTMENT

E-7649
 SPINDLE WASHER WITH FREE DISPLAY BOARD
 Features Euclid's most popular Spindle Washers for medium & heavy-duty trucks
 Included with Display Board:

QTY.	EUCLID NO.	DESCRIPTION	QTY.	EUCLID NO.	DESCRIPTION
2	E-573	Lockwasher	2	E-2421	Lockwasher
12	E-617	Lockwasher	12	E-2424	Lockwasher
12	E-1000	Lockwasher	12	E-2461	Lockwasher
2	E-1252	Lockwasher	2	E-2464	Lockwasher
2	E-1561	Spindle Washer	2	E-2467	Lockwasher
12	E-2237	Lockwasher	12	E-4871	Lockwasher
2	E-2297	Lockwasher	2	E-4877	Lockwasher
2	E-2298	Spindle Washer	2	E-4881	Lockwasher
2	E-2301	Lockwasher	2	E-6141	Lockwasher
2	E-2304	Lockwasher	2	E-6144	Tab Washer

Display Board only E-7654



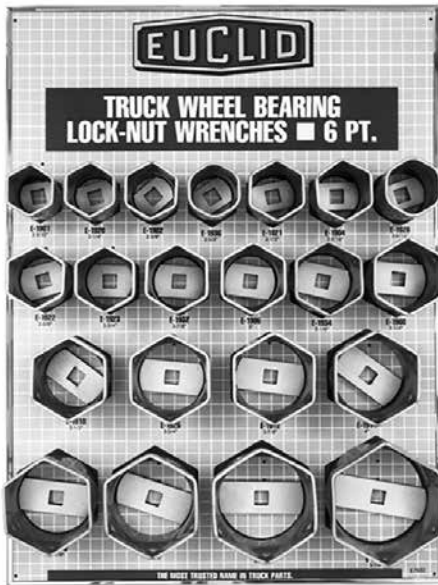
UNIVERSAL DISPLAY BOARD

E-7657
 This Euclid Display Board provides the flexibility to feature specific promotional products, monthly specials, or new products. An assortment of hangers and hooks and two plan-o-grams are included to illustrate how the board may be used.

All boards are 24" Wide x 32" High

SERVICE TOOLS

TRUCK WHEEL BEARING LOCK-NUT WRENCH ASSORTMENTS



6 PT. WRENCH ASSORTMENT

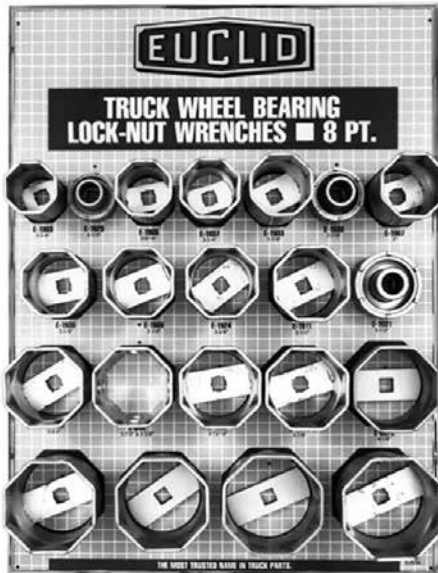
E-7651

WHEEL BEARING LOCK-NUT WRENCHES WITH FREE DISPLAY BOARD
Included with Display Board are one each of the 21 Wrenches listed:

EUCLID	OPENING	EUCLID	OPENING	EUCLID	OPENING
E-1901	2-3/32"	E-1922	2-5/8"	E-1926	3-3/4"
E-1920	2-1/4"	E-1923	2-3/4"	E-1912	3-7/8"
E-1902	2-3/8"	E-1932	2-7/8"	E-1914	4"
E-1936 (1)	2-3/8"	E-1906	3"	E-1915	4-1/8"
E-1921	2-1/2"	E-1934	3-1/8"	E-1916	4-3/8"
E-1904	2-9/16"	E-1908	3-1/4"	E-1918	4-7/8"
E-1928 (1)	2-9/16"	E-1910	3-1/2"	E-3371	5-1/4"

Display Board only **E-7652**

(1) Fits special "rounded" hex nuts found on Dana Axles of some Ford Trucks.



8 PT. WRENCH ASSORTMENT

E-7653

WHEEL BEARING LOCK-NUT WRENCHES WITH FREE DISPLAY BOARD
Included with Display Board are one each of the 20 Wrenches listed:

EUCLID	OPENING	EUCLID	OPENING	EUCLID	OPENING
E-1903	2-3/8"	E-1935	3-1/8"	E-1913	3-7/8"
E-1929 (2)	2-1/2"	E-1909	3-1/4"	E-3372	4-1/8"
E-1937	2-3/4"	E-1924	3-3/8"	E-1917	4-3/8"
E-1905	2-9/16"	E-1911	3-1/2"	E-6137	4-1/2"
E-1933	2-7/8"	E-1931 (2)	3-1/2"	E-1597A	4-13/16"
E-1930 (2)	2-7/8"	E-1925	3-3/4"	E-1919	4-7/8"
E-1907	3"	E-1927	3-13/16"		

Display Board only **E-7654**

(2) Tubular Spanner Wrenches

All boards are
24" Wide x 32" High

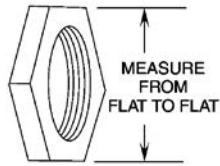
Euclid wrenches have a 3/4" drive square opening for use with an extension and torque wrench to tighten the Lock-Nut as required. A longer extension can be used for wide rims. Wrenches are made of high strength and heavy-duty gauge steel. Resists rounding out.

Listed by Opening Size



HOW TO DETERMINE THE WRENCH SIZE YOU NEED.....

Using a caliper or other suitable measuring device, determine the size of the Lock-Nut. Consult the chart at right to select the Lock-Nut wrench of corresponding size.



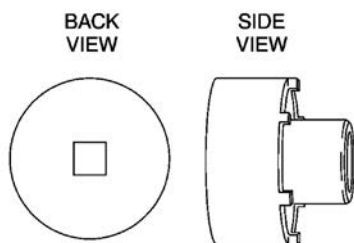
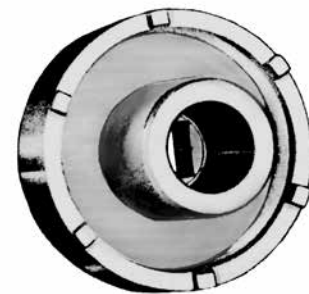
EUCLID NO.	OPENING SIZE	EUCLID NO.	OPENING SIZE
E-1901	2-3/32" (6 pt.)	E-1909	3-1/4" (8 pt.)
E-1920	2-1/4" (6 pt.)	E-1924	3-3/8" (8 pt.)
E-1902	2-3/8" (6 pt.)	E-1910	3-1/2" (6 pt.)
E-1936	2-3/8" (6 pt.)	E-1911	3-1/2" (8 pt.)
E-1903	2-3/8" (8 pt.)	E-1926	3-3/4" (6 pt.)
E-1921	2-1/2" (6 pt.)	E-1925	3-3/4" (8 pt.)
E-1904	2-9/16" (6 pt.)	E-1927	3-13/16" (8 pt.)
E-1928	2-9/16" (6 pt.)	E-1912	3-7/8" (6 pt.)
E-1905	2-9/16" (8 pt.)	E-1913	3-7/8" (8 pt.)
E-1922	2-5/8" (6 pt.)	E-1914	4" (6 pt.)
E-1923	2-3/4" (6 pt.)	E-1915	4-1/8" (6 pt.)
E-1937	2-3/4" (8 pt.)	E-3372	4-1/8" (8 pt.)
E-1932	2-7/8" (6 pt.)	E-1916	4-3/8" (6 pt.)
E-1933	2-7/8" (8 pt.)	E-1917	4-3/8" (8 pt.)
E-1906	3" (6 pt.)	E-6137	4-1/2" (8 pt.)
E-1907	3" (8 pt.)	E-1597A	4-13/16" (8 pt.)
E-1934	3-1/8" (6 pt.)	E-1918	4-7/8" (6 pt.)
E-1935	3-1/8" (8 pt.)	E-1919	4-7/8" (8 pt.)
E-1908	3-1/4" (6 pt.)	E-3371	5-1/4" (6 pt.)

SERVICE TOOLS

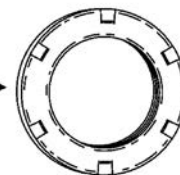
NEW STYLE EUCLID TUBULAR SPANNER WRENCHES WITH 3/4" DRIVE SQUARE OPENING

May be used with Torque Wrench for use on Chevrolet Truck Axles

EUCLID NO.	APPLICATION	USED WITH NUT SIZE & PART NO.
E-1929 2	1946 thru current Chevrolet 5,200 & 7,200 lb. Axles	2"-16 THD. GM 3663657
E-1930 2	1954 thru current Chevrolet 11,000 & 13,500 lb. Axles	2-1/8"-16 THD. GM 473636
E-1931	1954 thru current Chevrolet 15,000 lb. Axles 1965 thru current Chevrolet 15,000 trailing Axle 1966 thru current Chevrolet 17,000 lb. 2-speed Axle	2-1/2"-16 THD. GM 3703711



EUCLID TUBULAR SPANNER WRENCHES USED WITH THIS STYLE NUT.



WHEEL BEARING LOCK-NUT WRENCHES

EUCLID E-1597A

HEAVY-DUTY SPINDLE NUT WRENCH

For Fruehauf "Pro-Par" Spindle Nuts and Hub Caps

New design is made of high strength heavy 5/32" gauge steel to resist rounding out, splitting and twisting.

8 point, 4-13/16" across flats, 2-7/8" deep. 3/4" square drive opening allows for the use of a torque wrench and extensions.

Replaces: Fruehauf ACC-005963-900



ONE WRENCH USED FOR BOTH

E-04075
HUB CAP



E-2550
SPINDLE NUT

AXLE SPINDLE SERVICE TOOLS

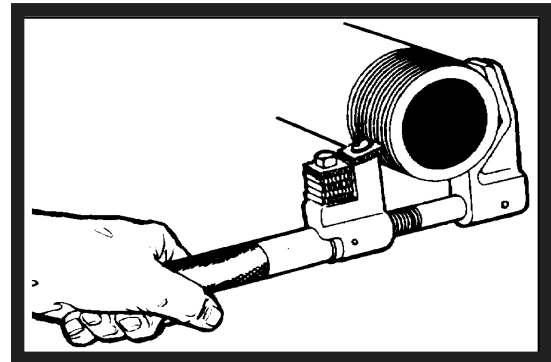
UNIVERSAL OUTSIDE THREAD CHASER



EUCLID E-2644

Restores threads to their original condition. Eliminates the need for expensive thread cutting equipment. OPERATION: Tighten the tool slightly on the good threads, then back off over the damaged thread area to restore the threads. The aluminum alloy V Pad will not damage the threads. Capacity from 1-1/4" to 5" O.D.

Complete with 6 dies - Threads per inch 4, 5, 6, 7, 7-1/2, 8, 9, 10, 11, 11-1/2, 12, 14, 16, 18, 20, and 24.



BRAKE DRUM DOLLY

ALLOWS ONE PERSON TO EASILY REMOVE, TRANSPORT AND REPLACE TRACTOR/TRAILER BRAKE DRUMS.



EUCLID E-9436

For Class 7 and 8 tractor/trailer brakes
Handles 15" and 16-1/2" drums
5" height adjustment
37" to 55" telescoping handle
Ball bearing wheels
Pneumatic tires
Rugged steel construction
Replaces: OTC No. 5017

NOTES: _____

SERVICE TOOLS

AXLE STUD CONE PLIER



EUCLID NO.	APPLICATION
E-2655	A specially designed cone plier to give the leverage needed to expand and remove the tapered cone from rear axle studs without damaging the stud threads. Expands tapered cone to speed axle disassembly on medium-size and heavy-duty truck axles.

WRENCHES FOR TRUCK & TRAILER WHEELS

MADE FROM FORGED CHROME NICKEL ALLOY STEEL - ALL WRENCHES 16" LONG

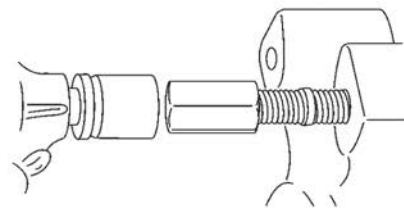
	EUCLID NO.	DESCRIPTION	APPLICATION
	E-5850	Universal Wrench for Disc Wheels	1-1/2" Hex and 13/16" Sq. for Budd, Chevrolet, GMC, Motor Wheel, Inner and Outer Nuts. 1-1/8" Hex for GMC and Chevrolet Flanged Nuts.
	E-5851	Chevrolet Dual Wheels	1" and 1-1/4" Hex with 5/8" Sq. Sockets.
	E-5854	Hex Handle for Wrenches	3/4" Hex x 22" Long fits all of the above wrenches, 3/4" hex x 22" long. Fits all of the above wrenches.
	E-5855	Disc Outer Nut Wrench	1-1/2" Hex - Holds outer nut while turning inner nut.
	E-5856	Dayton - Guinite - Erie - Webb Spoke Wheels	1-1/16" and 1-1/4" Hex for 5/8"-11 and 3/4"-10 Nuts.
	E-6038	Hub-Piloted Wheels	24 mm and 33 mm Hex for Metric Wheel Nuts.

SERVICE TOOLS

STUD SETTER FOR INSTALLING SPOKE WHEEL STUDS

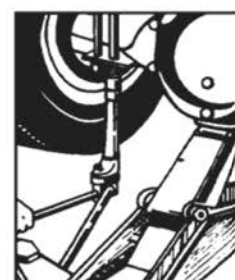
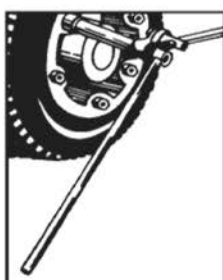
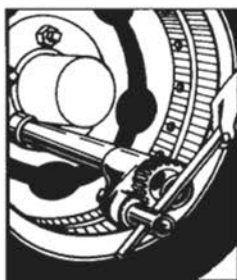


EUCLID NO.	FOR STUD SIZE	THREAD
E-5833	5/8"	USS
E-5834	3/4"	COARSE



The only other tool needed is an impact wrench with 1-1/8" and 1-1/4" sockets or 4-way wrench.

GEAR TYPE POWER DRIVE WRENCH FOR USE ON ALL TRUCK AND ROAD EQUIPMENT



3 to 1 POWER RATIO
For Budd inner & outer nuts and other type wheel nuts, u-bolts, head bolts, etc.

- For complete wrench assembly as shown, order **EUCLID E-5857**
- Includes:
- 1 Power Drive
 - 1 20" Bar
 - 1 36" Tube Handle
 - 1 3/4" Service Adapter
 - 1 13/16" Adapter for Square Budd Nut



ADAPTER
EUCLID E-5859

1-1/2" hex to 13/16" square for Budd inner nuts

SERVICE TOOLS

BROKEN CAP NUT AND STUD REMOVAL TOOL

3 TOOLS FOR THE PRICE OF 1!

One tool kit replaces three tools for the same cost as one tool.

EUCLID KIT E-5205

ECONOMICAL VALUE

Eliminates the need to buy an entire new tool when teeth wear. Replace **ONLY** the rib nut at a fraction of the cost of other removal tools.



EUCLID NO.	DESCRIPTION	INCLUDES
E-5205	Broken Stud and Cap Nut Removal Kit	1 E-5206 1-1/8" Rib Nut
		1 E-5207 3/4" Rib Nut
		1 E-5208 5/8" Rib Nut
		1 E-5209 Drive-On Tool

EUCLID NO.	DESCRIPTION	APPLICATION
E-5206	1-1/8" Replacement Rib Nut	For removing broken 1-1/8" Inner Cap Nuts
E-5207	3/4" Replacement Rib Nut	For removing broken 3/4" Wheel Studs
E-5208	5/8" Replacement Rib Nut	For removing broken 5/8" Wheel Studs

Note: Use hammer to drive on tool.

WARRANTY

The teeth of the rib nuts will wear out after limited use. Therefore, rib nuts are not covered under Euclid's Warranty Policy.

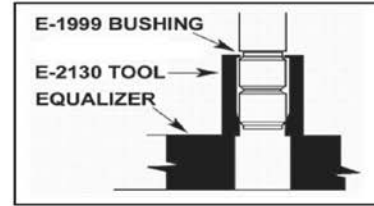
SERVICE TOOLS

TOOL FOR INSTALLING HUTCHENS, TRAILMOBILE AND TRANSPRO EQUALIZER BUSHINGS

EUCLID E-2130



3-3/4" O.D. x 3-3/8" I.D. x 3-1/2" Long



Tool automatically centers bushing for perfect alignment and ease of installation. Use to uninstall E-1999A, E-3394A, and E-4827 Bushings.

TORQUE ARM BUSHING INSTALLATION TOOL

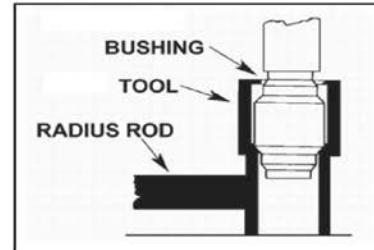


EUCLID E-1600

For Hutchens
Torque Arms

Use to install E-934
Bushing in original
equipment Hutchens
Torque Arms

2-1/2" O.D. x 1-5/16" I.D. x 2-1/2" Long



EUCLID E-2652 For Euclid Torque Arms

Tool for installing E-934, E-1980, and E-1061 Torque Arm Bushings in Euclid Torque Arms. Tapered Counter Bore automatically centers bushing for perfect alignment and compression.

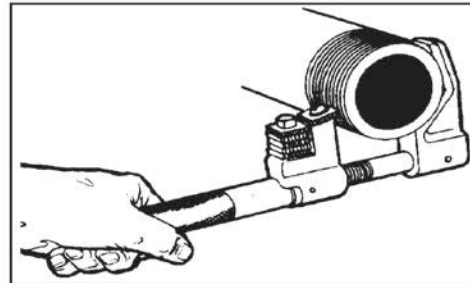
UNIVERSAL OUTSIDE THREAD CHASER



EUCLID E-2644

Restores threads to their original condition. Eliminates the need for expensive thread cutting equipment. OPERATION: Tighten the tool slightly on the good threads, then back off over the damaged thread area to restore the threads. The aluminum alloy V Pad will not damage the threads. Capacity from 1-1/4" to 5" O.D.

Complete with 6 dies - Threads per inch 4, 5, 6, 7, 7-1/2, 8, 9, 10, 11, 11-1/2, 12, 14, 16, 18, 20, and 24.



BEAM END BUSHING INSTALLATION TOOL

EUCLID E-9575






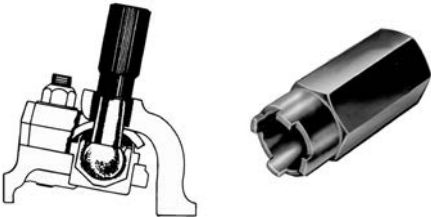



Replaces Hendrickson S-21307

For installing Tri-Functional Bushings used in Hendrickson T, HT, Intraax, and HLM Suspensions with an impact wrench.

Does not include bushing.






FRONT END SERVICE TOOLS

SERVICE TOOLS

	EUCLID NO.	DESCRIPTION	APPLICATION
 	E-2654	Ball Joint and Anchor Pin Press	A heavy-duty press that easily removes rusted and corroded brake shoe anchor pins without damage to the brake shoe spider. Removes pins up to 1-1/4" diameter. Use with E-6064 set to remove or install Ball Joints. Also used to remove Brake Shoe Anchor Pins and U-Joints.
	E-6064	Ball Joint Service Set	Includes: 3" x 3-3/4" I.D. Receiver Tube; 2-1/2" O.D. x 2-1/4" I.D. Receiver Tube; 2" O.D. x 1-3/4" I.D. Receiver Tube; Installation Adapter; Removal Adapter. Requires use of an E-2654 Ball Joint Press.
	E-6065	Ball Joint Spanner Wrench	For removal and installation of Ball Joint Adjusting Sleeves on 1/2, 3/4 and 1-Ton Dana open yoke front axles used on Ford, GMC, Navistar and Jeep 4WD vehicles. Allows torquing with 1" socket for proper upper Ball Joint preload.
 <p data-bbox="180 1094 418 1115">15/16" Fork Spread, 16" Long</p>	E-6066	Ball Joint Separator	Ball Joint Separator is designed solely to remove Ball Joints from spindle support arms without damaging other components.
 <p data-bbox="185 1360 456 1381">1 7/16" Fork Spread, 11 5/8" Long</p>	E-6067	Multi-Purpose Separator	This tool can be used to remove camber adjustment sleeves on Ford 4 x 2 and 4 x 4 light trucks where the camber is adjustable. It can also be used as a Pitman Arm wedge for Light-Duty Trucks as well as a Tie Rod Separator for Medium and Heavy-Duty Trucks.
	E-6068	Pitman Arm Puller	Pitman Arm Pullers are designed to handle the toughest Pitman Arm pulling job. Pullers are adjustable and have special forged jaws shaped to fit the job. "Pullers have two clamp bolts that lock jaws on the Pitman Arm for pulling, assuring positive grip and leaving hands free for the pulling job." Light-Duty Trucks - 1 Ton Only

FRONT END SERVICE TOOLS

Brake and
Wheel End


	EUCLID NO.	DESCRIPTION	APPLICATION
 <p>1 1/8" Fork Spread, 11" Long</p>	E-6070	Pitman Arm Wedge	Removes Pitman Arms on Light-Duty Trucks. Wedge end is placed between parts and a few hammer blows separate them.
 <p>1 1/16" Fork Spread, 11" Long</p>	E-6071	Shock Absorber Link and Tie Rod End Separator	Separates Shock Absorber Links and Tie Rod Ends.
	E-6072	Tie Rod Adjusting Tool	For Light-Duty Trucks with 1-1/8" diameter adjusting sleeves. Allows 360 degree rotation of the adjusting sleeve where space is limited. 1/2" square drive for ratchet or breaker bar.
	E-6073	Control Arm Bushing Service Set	Removes worn Upper Control Arm Bushings and installs new ones without damage to the control arm. Includes C-Frame Press and all adaptors and inserts necessary to do the job correctly.
	E-6074	Dial Indicator Set	Use to gauge suspension looseness. Has a 2-1/4" diameter dial face graduated to .001 inch, a flexible arm to get at hard-to-reach areas and an on/off magnetic base.

SERVICE TOOLS


WHEEL BEARING ENDPLAY GAUGE

	EUCLID NO.	APPLICATION
	E-9793	<p>Quick and Accurate:</p> <ol style="list-style-type: none"> 1. Remove magnet keepers and attach to face of trailer hub with indicator contacting end of the spindle. 2. Zero dial by rotating the dial face. 3. Rock the hub and drum to determine bearing endplay. 4. Adjust bearing endplay and recheck.


U-JOINT PULLER


	EUCLID NO.	APPLICATION
	E-6039	<p>Works on most Dana Spicer and Meritor U-joints. Designed for use with a 1/2" air impact wrench. Can be used at different angles and in tight places. Holes in the puller legs store bolts.</p> <p>Bolts included are: (2) 5/16"-24 x 1-1/2"; (2) 3/8"-24 x 1-1/2"; (2) 7/16 in-20 x 1-1/2"; (2) M8 x 1.25mm x 35mm</p>



UNIVERSAL BEARING CUP INSTALLER

	EUCLID NO.	APPLICATION
	E-6040	<p>Designed for installing wheel bearing cups of tractor and trailer wheels from 11,000 to 50,000 lbs. capacity. Adjust from 3-5/8" to 6-1/2" dia. bearing cup.</p> <p>To Use:</p> <ol style="list-style-type: none"> 1. Adjust and lock the jaws to the cup I.D. 2. Slip on new cup and put it in place in the wheel.

DUAL WHEEL PULLER

	EUCLID NO.	CAPACITY	CASTER INFO.	FLOOR SPACE	LIFT TRAVEL	TILT ADJUSTMENT	APPLICATION
	E-9433	1,500 lbs.	3-1/2" Swivel	45" x 41"	4-3/4"	4 Degrees	<p>Allows one person to easily remove, transport and replace dual wheel and tire assemblies. 6 ft. chain and hydraulic jacking mechanism with handle included. Replaces OTC No. 1770A</p>

CLUTCH HANDLER				
	EUCLID NO.	LIFTING RANGE	CLUTCH SIZE	APPLICATION
	E-9434	9" to 37"	15-1/2"	Allows one person to easily remove, transport and replace clutch disc plate or flywheel (with attachment).
				Parallel lift path allows precise alignment, 4 swivel casters and 2" spline shaft aid alignment. Integral hydraulic jacking mechanism. Use of E-9435 flywheel attachment permits removal of flywheels (including pot type). Replaces OTC No. 5015

CLUTCH ADJUSTING WRENCH			EUCLID NO.	APPLICATION
 	E-6041	For Spicer heavy-duty clutches. Designed for internal adjustment of angle spring and multiple-lever clutches.		

SERVICE TOOLS

NOTES:

SERVICE TOOLS


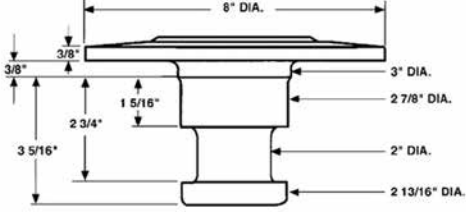

SECTION 8 — MISCELLANEOUS PARTS

Brake and
Wheel End



E-700 TRAILER KING PIN- - - - -	8-2
FIFTH WHEEL PARTS- - - - -	8-2
JUNCTION BOX - - - - -	8-3
PLACARD HOLDER - - - - -	8-3
REBUILD KITS FOR HORTON FAN CLUTCHES - - - - -	8-4

MISCELLANEOUS PARTS

E-700 TRAILER KING PIN

 	<table border="1"> <thead> <tr> <th>EUCLID NO.</th> <th>FLANGE DIAMETER</th> <th>GENERAL INFORMATION</th> </tr> </thead> <tbody> <tr> <td>E-700</td> <td>8"</td> <td>Various applications with Weld-On King Pins. For 3/8" thick plate.</td> </tr> </tbody> </table>	EUCLID NO.	FLANGE DIAMETER	GENERAL INFORMATION	E-700	8"	Various applications with Weld-On King Pins. For 3/8" thick plate.	
EUCLID NO.	FLANGE DIAMETER	GENERAL INFORMATION						
E-700	8"	Various applications with Weld-On King Pins. For 3/8" thick plate.						
	<table border="1"> <tbody> <tr> <td>E-702A</td> <td></td> <td>King pin lock</td> </tr> </tbody> </table>	E-702A		King pin lock				
E-702A		King pin lock						


FIFTH WHEEL PARTS

	EUCLID NO.	MATERIAL	O.D.	I.D.	LENGTH	DESCRIPTION
	GAFF11517	Polyurethane	2-1/4"	1-1/8"	4-1/4"	Fifth Wheel Bushing
	E-8927	Polyurethane	2-1/4"	1-7/16"	4-1/4"	Fifth Wheel Bushing
	E-8652	Polyurethane	2-1/2"	1-1/2"	4-1/4"	Fifth Wheel Bushing
	GAFF11515	Polyurethane	2-3/4"	1-1/8"	4-1/4"	Fifth Wheel Bushing

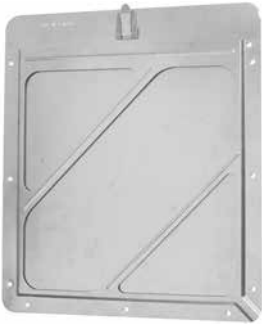
MISCELLANEOUS PARTS

JUNCTION BOX

Brake and
Wheel End

	EUCALID NO.	DESCRIPTION	REMARKS
	E-10158	Universal 7-Terminal Junction Box	<p>Precision molded cover and body. Five possible slot openings. Five each open and closed grommets. Molded terminal block.</p>

PLACARD HOLDER

	EUCALID NO.	DESCRIPTION	REMARKS
	E-9868	Placard Holder - Aluminum	<p>Constructed from corrosion resistant, die-stamped aluminum. Pre-punched holes for riveting to trailer walls. Stainless steel snap fastener holds placard securely in place. Sized for 10-3/4" x 10-3/4" slide-in placards.</p>

MISCELLANEOUS PARTS

REBUILD KITS FOR HORTON FAN CLUTCHES



E-824106



9 1/2"



7 1/2"



E-824100

EUCLID NO.	CLUTCH DIAMETER	DESCRIPTION	REPLACES HORTON	CLUTCH MODELS
E-824103	7-1/2"	Upgrade Kit (less hub and friction disc)	None	590XXX, 790XXX, 980XXX, 990XXX
E-824104		With assembled hub and friction disc	994307	
E-824105	9-1/2"	With assembled hub	994315	591XXX, 791XXX, 981XXX, 991XXX
E-824106		With assembled hub and friction disc	994305	
E-824102	All	Seal Kit	994205	

Features



Angular Contact Bearing

The angular contact bearing is precision ground and designed to carry both radial and axial loads for the fan blade weight and thrust. All angular contact bearings are packed in a high temperature synthetic grease for maximum bearing life.



Air Plunger Valve

The air plunger valve is impregnated with graphite carbon for self lubrication and maximum heat. The mating metal air seal is machine ground to tolerances that virtually eliminate air leaks.



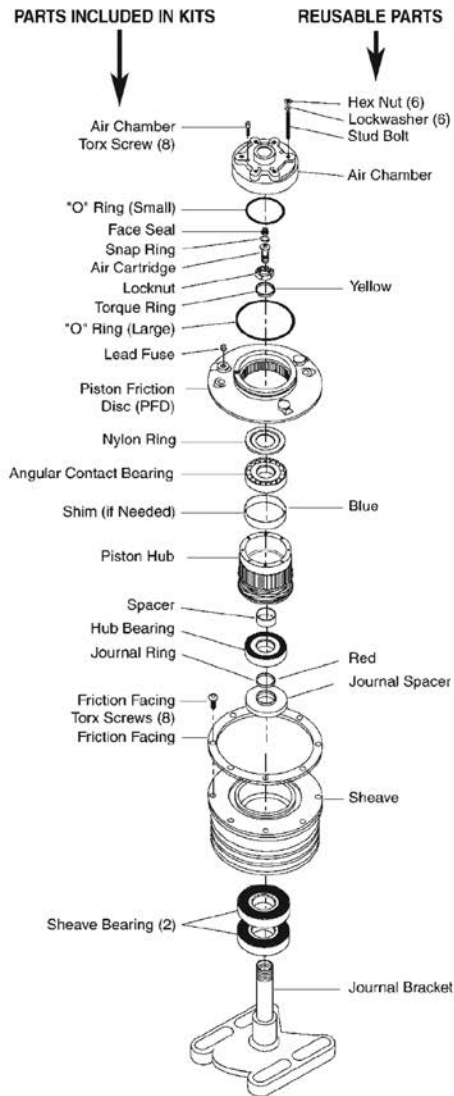
Non-asbestos Friction Linings

Non-asbestos friction linings are manufactured for high heat and maximum fan blade horsepower to maintain optimum cooling. With proper air pressure, the linings have virtually no slipping or glazing.



Precision Cut Spacers

Precision cut spacers extend the life of the fan clutch and reduce breakdown and maintenance by reestablishing OE tolerances within the fan clutch.



MISCELLANEOUS PARTS

CROSS REFERENCE

**Brake and
Wheel End**

PART NO.	COMPETITOR	EUCLID NO.
46	Meritor	E-TM46
101.0251	Automann	E-595
101.1081	Automann	E-2802
101.1121	Automann	E-3421A
101.2061	Automann	E-3511
101.2072	Automann	E-523
101.2074	Automann	E-586
102.2122	Automann	E-3711S
102.2221	Automann	E-3870
102.2241	Automann	E-3424
102.2242	Automann	E-2390
102.2281	Automann	E-512S
103.1001	Automann	E-2389
103.1082	Automann	E-2218
103.1084	Automann	E-1893S
103.1085	Automann	E-8938
103.1086	Automann	E-920S
104.03281	Automann	E-5122
104.04171	Automann	E-1418
104.04201	Automann	E-2805
104.05161	Automann	E-2767
104.05162	Automann	E-10198
104.06002	Automann	E-3512
104.06181	Automann	E-2398
104.07041	Automann	E-5123
104.07061	Automann	E-3437
104.07161	Automann	E-544
104.07221	Automann	E-3872
104.08121	Automann	E-2768
104.08122	Automann	E-3228
104.08123	Automann	E-9063
104.10001	Automann	E-2475
104.10042	Automann	E-9038
104.11121	Automann	E-2804
105.1002	Automann	E-3227
105.1003	Automann	E-539
105.1004	Automann	E-5478
105.1005	Automann	E-3007A
105.2002	Automann	E-2399
105.2003	Automann	E-3513
105.2004	Automann	E-747
105.3003	Automann	E-11201
105.4001	Automann	E-3871
106.1241	Automann	E-1269
107.0201	Automann	E-1106
107.0251	Automann	E-3427
107.0261	Automann	E-3874

PART NO.	COMPETITOR	EUCLID NO.
107.1001	Automann	E-2391
107.1091	Automann	E-1113
108.0241	Automann	E-527
108.0301	Automann	E-2392
109.6003	Automann	E-579A
109.6017	Automann	E-2401
109.6018	Automann	E-773
110.2001	Automann	E-2125
110.2002	Automann	E-2696A
110.2003	Automann	E-5140
110.2004	Automann	E-5501
110.2005	Automann	E-10897
110.2007	Automann	E-9053
110.2008	Automann	E-2089
110.2009	Automann	E-2123
110.2101	Automann	E-2090
110.2102	Automann	E-2122
110.2202	Automann	E-3446
110.2203	Automann	E-3468A
110.2204	Automann	E-3520AHD
110.2205	Automann	E-3876
110.2206	Automann	E-3989AHD
110.2207	Automann	E-3993B
110.2208	Automann	E-5513
110.2209	Automann	E-9078HD
110.221	Automann	E-9079HD
110.2211	Automann	E-9080
110.2212	Automann	E-1357A
110.2213	Automann	E-2679AHD
110.2215	Automann	E-2382
110.2216	Automann	E-2088AHD
110.2217	Automann	E-6078
110.2218	Automann	E-2670
110.2301	Automann	E-2087
110.2302	Automann	E-2287
110.2303	Automann	E-9790A
110.2304	Automann	E-2680
110.2305	Automann	E-5307
110.2306	Automann	E-2526
110.2307	Automann	E-2469
111.0001	Automann	E-1318AHD
111.0002	Automann	E-4586
111.0003	Automann	E-4587
111.0004	Automann	E-4594
111.0006	Automann	E-2104
111.1283	Automann	E-2406
112.1081	Automann	E-3447

PART NO.	COMPETITOR	EUCLID NO.
112.1082	Automann	E-3877
112.1083	Automann	E-5127
112.1161	Automann	E-2361
112.1161	Automann	E-5512
112.11611	Automann	E-2517
112.11612	Automann	E-943
112.11613	Automann	E-2551
112.11614	Automann	E-1385
112.11615	Automann	E-661
112.11616	Automann	E-535
112.1162	Automann	E-536
112.1163	Automann	E-667
112.1164	Automann	E-759
112.1165	Automann	E-2102
112.1166	Automann	E-9792A
112.1167	Automann	E-2695
112.1168	Automann	E-807
112.1169	Automann	E-1271
112.1191	Automann	E-1577A
112.1192	Automann	E-1571
112.1201	Automann	E-6080
112.1202	Automann	E-2408
112.1203	Automann	E-2690A
112.1204	Automann	E-9789
112.1205	Automann	E-6076
112.1206	Automann	E-1567
112.1241	Automann	E-2380
112.1281	Automann	E-2407
113.1241	Automann	E-3878
113.1242	Automann	E-1272
113.1281	Automann	E-1416
113.1282	Automann	E-1416A
113.1283	Automann	E-2406
113.1284	Automann	E-5128
113.1291	Automann	E-1314
113.2001	Automann	E-2405
113.2002	Automann	E-3991
113.2021	Automann	E-3469
113.2022	Automann	E-3859
113.2023	Automann	E-654
114.1051	Automann	E-1781
114.1052	Automann	E-1782
114.1081	Automann	E-5138
114.1082	Automann	E-5137
114.1091	Automann	E-3475
114.1092	Automann	E-3476
114.1101	Automann	E-3471

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PART NO.	COMPETITOR	EUCLID NO.
114.1161	Automann	E-5482
114.1162	Automann	E-656
114.1163	Automann	E-3479
114.1164	Automann	E-3472
114.1165	Automann	E-3474
114.1166	Automann	E-3478
114.1171	Automann	E-2409
114.1172	Automann	E-581
114.1173	Automann	E-564
114.1174	Automann	E-580
114.1175	Automann	E-1408
114.1176	Automann	E-3473
114.1177	Automann	E-2404
114.1181	Automann	E-719
114.1201	Automann	E-2411A
114.1202	Automann	E-9074
114.1203	Automann	E-6077
114.1204	Automann	E-9073
114.1205	Automann	E-9072
114.1211	Automann	E-1565
114.1213	Automann	E-9071
114.1214	Automann	E-9075
114.1221	Automann	E-10800
114.1222	Automann	E-10801
115.0311	Automann	E-9076
115.1011	Automann	E-3234
115.1051	Automann	E-5093
115.1121	Automann	E-4736
115.1161	Automann	E-526
115.1162	Automann	E-1569
115.1201	Automann	E-9077
134.1031	Automann	E-940S
134.1041	Automann	E-612S
134.1042	Automann	E-2091
134.2831	Automann	E-2459S
134.2841	Automann	E-2458S
134.3741	Automann	E-1574S
136.101	Automann	E-6987B
136.1012	Automann	E-6988B
136.103	Automann	E-6991B
136.1031	Automann	E-6992B
136.241	Automann	E-6989B
136.2412	Automann	E-6990B
136.283	Automann	E-6993B
136.2831	Automann	E-6994B
136.3741	Automann	E-6995B
138.101	Automann	E-15020

PART NO.	COMPETITOR	EUCLID NO.
138.1011	Automann	E-15016
138.103	Automann	E-15017
138.241	Automann	E-15022
138.281	Automann	E-15024
138.283	Automann	E-15025
138.2832	Automann	E-15034
139.101	Automann	E-11395
139.103	Automann	E-11399
139.1031	Automann	E-11398
139.1032	Automann	E-11409
139.1033	Automann	E-11410
139.17	Automann	E-11432
139.241	Automann	E-11397
139.2411	Automann	E-11396
139.283	Automann	E-11402
139.2831	Automann	E-11401
139.2832	Automann	E-11417
139.2833	Automann	E-11418
139.2834	Automann	E-11419
139.2835	Automann	E-11420
139.2836	Automann	E-11421
139.2837	Automann	E-11422
139.374	Automann	E-11405
139.3741	Automann	E-11406
156.1006	Automann	E-11907
156.1008	Automann	E-11937
156.1012	Automann	E-11938
156.1013	Automann	E-11939
179.1142	Automann	E-2764
179.502	Automann	E-631
179.5020	Automann	E-631
179.6	Automann	E-10952
179.6002	Automann	E-10098G
210.1901	Automann	E-1901
210.1902	Automann	E-1902
210.1903	Automann	E-1903
210.1904	Automann	E-1904
210.1905	Automann	E-1905
210.1906	Automann	E-1906
210.1907	Automann	E-1907
210.1908	Automann	E-1908
210.1909	Automann	E-1909
210.191	Automann	E-1910
210.1911	Automann	E-1911
210.1912	Automann	E-1912
210.1913	Automann	E-1913
210.1914	Automann	E-1914

PART NO.	COMPETITOR	EUCLID NO.
210.1915	Automann	E-1915
210.1916	Automann	E-1916
210.1917	Automann	E-1917
210.1918	Automann	E-1918
210.1919	Automann	E-1919
210.192	Automann	E-1920
210.1921	Automann	E-1921
210.1922	Automann	E-1922
210.1923	Automann	E-1923
210.1924	Automann	E-1924
210.1925	Automann	E-1925
210.1926	Automann	E-1926
210.1927	Automann	E-1927
210.1928	Automann	E-1928
210.1932	Automann	E-1932
210.1933	Automann	E-1933
210.1934	Automann	E-1934
210.1935	Automann	E-1935
210.1936	Automann	E-1936
210.1937	Automann	E-1937
210.196	Automann	E-5850
210.1963	Automann	E-5856
210.1968	Automann	E-5855
210.1969	Automann	E-5854
210.7202	Automann	E-5834
210.7203	Automann	E-5833
210.7204	Automann	E-5207
210.7205	Automann	E-5208
210.7206	Automann	E-5206
332	Meritor	E-TM332
382	Meritor	E-TM382
387	Meritor	E-TM387
390	Meritor	E-TM390
392	Meritor	E-TM392
395	Meritor	E-TM395
396	Meritor	E-TM396
462	Meritor	E-TM462
469	Meritor	E-TM469
493	Meritor	E-TM493
495	Meritor	E-TM495
496	Meritor	E-TM496
497	Meritor	E-TM497
498	Meritor	E-TM498
522	Meritor	E-TM522
528	Meritor	E-TM528
563	Meritor	E-TM563
567	Meritor	E-TM567

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PART NO.	COMPETITOR	EUCLID NO.
572	Meritor	E-TM572
579.1051	Automann	E-2644
580	Meritor	E-TM580
582	Meritor	E-TM582
592	Meritor	E-TM592
594	Meritor	E-TM594
596	Meritor	E-TM596
598	Meritor	E-TM598
632	Meritor	E-TM632
633	Meritor	E-TM633
641	Meritor	E-TM641
643	Meritor	E-TM643
652	Meritor	E-TM652
653	Meritor	E-TM653
663	Meritor	E-TM663
672	Meritor	E-TM672
683	Meritor	E-TM683
687	Meritor	E-TM687
740	Meritor	E-TM740
742	Meritor	E-TM742
749	Meritor	E-TM749
752	Meritor	E-TM752
759	Meritor	E-TM759
760	Meritor	E-TM760
772	Meritor	E-TM772
780	Meritor	E-TM780
782	Meritor	E-TM782
787	Meritor	E-TM787
854	Meritor	E-TM854
864	Meritor	E-TM864
932	Meritor	E-TM932
936	Meritor	E-TM936
938	Meritor	E-TM938
1850	Hallex	E-612HD
1904	Sirco	E-1904
1908	Sirco	E-1908
1909	Sirco	E-1909
1910	Sirco	E-1910
1912	Sirco	E-1912
1913	Sirco	E-1913
1914	Sirco	E-1914
1915	Sirco	E-1915
1917	Sirco	E-1917
1919	Sirco	E-1919
1920	Sirco	E-1920
1921	Sirco	E-1921
1922	Sirco	E-1922

PART NO.	COMPETITOR	EUCLID NO.
1923	Sirco	E-1923
1925	Sirco	E-1925
1927	Sirco	E-1927
2100	Hallex	E-612HD
2134	Dana	E-2096
2138	Dana	E-2681A
02247	Dayton Parts	E-9784
2720	Meritor	E-TM2720
3300	Hallex	E-2458HD
3525	Meritor	E-TM3525
3585	Meritor	E-TM3585
3720	Meritor	E-TM3720
3732	Meritor	E-TM3732
3767	Meritor	E-TM3767
3782	Meritor	E-TM3782
3920	Meritor	E-TM3920
3925	Meritor	E-TM3925
3979	Meritor	E-TM3979
3982	Meritor	E-TM3982
3984	Meritor	E-TM3984
3992	Meritor	E-TM3992
3994	Meritor	E-TM3994
5600	Hallex	E-1574HD
5735	Meritor	E-TM5735
5760	Meritor	E-TM5760
6126	Hendrickson	E-15021
6300	Hallex	E-940HD
6320	Meritor	E-TM6320
6379	Meritor	E-TM6379
6389	Meritor	E-TM6389
6420	Meritor	E-TM6420
6500	Hallex	E-612HD
6510	Hallex	E-2458HD
6512	Hallex	E-2459HD
6535	Meritor	E-TM6535
6580	Meritor	E-TM6580
6689	Hallex	E-2409
8110	Crewson	E-9132
8120	Crewson	E-9133
8125	Crewson	E-9135
9012	Sirco	E-1597A
9220	Meritor	E-TM9220
9278	Meritor	E-TM9278
10037	Hallex	E-2307
10367	Dana	E-1574HD
10368	Dana	E-2459HD
10650	Bendix	E-BC36S

PART NO.	COMPETITOR	EUCLID NO.
10854	Spicer	E-940S
11004	Dana	E-1269
11004	Dana	E-1426
11004	Dana	E-537
11004	Spicer	E-537
11005	Dana	E-563
11005	Spicer	E-563
11006	Dana	E-538
11006	Spicer	E-538
11007	Dana	E-502
11008	Dana	E-536
11008	Spicer	E-536
11008	Dana	E-5512
11009	Dana	E-656
11009	Spicer	E-656
11019	Dana	E-661
11019	Spicer	E-661
11090	Dana	E-502
11090	Spicer	E-502
11093	Dana	E-512
11093	Spicer	E-512
11109	Dana	E-2517
11109	Spicer	E-2517
11227	Dana	E-1880B
11228	Dana	E-747
11228	Spicer	E-747
11229	Dana	E-539
11229	Spicer	E-539
11238	Dana	E-1424A
11238	Dana	E-556
11239	Dana	E-1425A
11239	Dana	E-557
11460	Bendix	E-BC2430PL
11509	Dana	E-2176
11527	Dana	E-1106
11527	Spicer	E-1106
11528	Dana	E-1025
11528	Spicer	E-1025
11528	Dana	E-2101
11593	Dana	E-1410
11593	Spicer	E-1410
11594	Dana	E-1411
11594	Spicer	E-1411
11660	Bendix	E-BC3036P
11760	Bendix	E-BC3636P
12052	Dana	E-1107
12052	Spicer	E-1107

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PART NO.	COMPETITOR	EUCLID NO.
12086	Eaton	E-1269
12200	Dana	E-773
12200	Spicer	E-773
12236	Eaton	E-9659
12451	Eaton	E-564
12581	Bendix	E-INT3030C2
12601	Eaton	E-9660
12662	Bendix	E-BC3036C
12763	Bendix	E-BC3636C
12903	Bendix	E-INT3030C2EL
13912	Eaton	E-2392
14274	Meritor	E-TM14274
14276	Meritor	E-TM14276
14427	Eaton	E-2443B
14721	Bendix	E-5506
14793	Eaton	E-2444B
15008	Eaton	E-920
15101	Meritor	E-TM15101
15158	Eaton	E-2445B
15243	Meritor	E-TM15243
15245	Meritor	E-TM15245
11-1941	Dayton Parts	E-1597A
15531	Spicer	E-502
15532	Dana	E-502
15538	Dana	E-2029
15540	Dana	E-1403
15550	Dana	E-3424
15550	Spicer	E-3424
16395	Dana	E-4716
16395	Spicer	E-4716
16396	Dana	E-4717
16396	Spicer	E-4717
16407	Dana	E-4885
16407	Spicer	E-4885
16408	Dana	E-4884
16408	Spicer	E-4884
16469	Dana	E-4712
16469	Spicer	E-4712
16470	Dana	E-4713
16470	Spicer	E-4713
16524	Dana	E-3854
16524	Spicer	E-3854
16561	Dana	E-920
16562	Dana	E-919
16564	Dana	E-2389
16565	Spicer	E-1893
16617	Spicer	E-4714A

PART NO.	COMPETITOR	EUCLID NO.
16617	Spicer	E-4715A
16618	Spicer	E-4714A
16618	Spicer	E-4715A
16655	Dana	E-6885
16655	Spicer	E-6885
16656	Dana	E-6884
16656	Spicer	E-6884
16915	Eaton	E-689
17502	Bendix	E-5527
17503	Bendix	E-5526
17570	Dana	E-4712
17571	Dana	E-4713
17572	Spicer	E-4714
17573	Dana	E-4714A
17573	Spicer	E-4715
17578	Dana	E-2412A
17578	Spicer	E-688
17579	Dana	E-2413A
17579	Spicer	E-689
17580	Dana	E-1424A
17581	Dana	E-1425A
17584	Dana	E-9090
17584	Spicer	E-9090
17585	Dana	E-9089
17585	Spicer	E-9089
17620	Dana	E-1564
17621	Dana	E-1563
17622	Dana	E-2100
17623	Dana	E-2099
17626	Dana	E-2442B
17627	Dana	E-2441B
17628	Dana	E-2444B
17629	Dana	E-2443B
17630	Dana	E-2446B
17631	Dana	E-2445B
17632	Dana	E-2450A
17633	Dana	E-2449A
17634	Dana	E-2694
17635	Dana	E-2693
17638	Dana	E-4722
17639	Dana	E-4723
17640	Dana	E-2448A
17641	Dana	E-2447A
17642	Dana	E-2452A
17642	Spicer	E-2452A
17643	Dana	E-2451A
17682	Dana	E-1393

PART NO.	COMPETITOR	EUCLID NO.
17683	Dana	E-1394
17684	Dana	E-1410
17685	Dana	E-1411
17690	Dana	E-1422
17691	Dana	E-1423
17694	Dana	E-1420
17695	Dana	E-1421
17700	Dana	E-3516
17701	Dana	E-3517
17720	Bendix	E-14823
17720	Bendix	E-5507
17721	Bendix	E-14822
17722	Bendix	E-2444B
17723	Bendix	E-2443B
17723	Bendix	E-5508
17724	Bendix	E-2446B
17724	Bendix	E-5509
17725	Bendix	E-2445B
17810	Bendix	E-2442B
17811	Bendix	E-2441B
17812	Bendix	E-14821
17812	Bendix	E-2444B
17813	Bendix	E-14820
17813	Bendix	E-2443B
17814	Bendix	E-2446B
17814	Bendix	E-5511
17815	Bendix	E-2445B
17815	Bendix	E-5510
17920	Bendix	E-9734
17921	Bendix	E-9733
17928	Bendix	E-9736
17929	Bendix	E-9735
17930	Bendix	E-10910
17931	Bendix	E-10909
17958	Eaton	E-5512
17958	Eaton	E-661
18090	Haldex	E-8888
18120	Haldex	E-8889
18160	Haldex	E-8890
18200	Haldex	E-8891
18240	Haldex	E-8892
18300	Haldex	E-8894
18360	Haldex	E-8895
18500	Haldex	E-612HD
18531	Haldex	E-2458HD
18534	Haldex	E-2459HD
18535	Haldex	E-1574HD

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PART NO.	COMPETITOR	EUCLID NO.
18536	Haldex	E-1574HD
18720	Meritor	E-TM18720
18738	Dana	E-1775
18739	Dana	E-1776
18742	Dana	E-4741
18743	Dana	E-4740
18746	Dana	E-3524
18747	Dana	E-3523
18801	Dana	E-4705B
18802	Dana	E-4706B
18803	Dana	E-4707B
18804	Dana	E-2478B
18805	Dana	E-2479B
18806	Dana	E-2700B
18807	Dana	E-2701B
18808	Dana	E-1773C
18809	Dana	E-1774C
18810	Dana	E-1147C
18811	Dana	E-1148C
18812	Dana	E-4708B
18813	Dana	E-4709B
18818	Dana	E-4710B
18819	Dana	E-4711B
18820	Dana	E-9672
18821	Dana	E-9671
18822	Spicer	E-9674A
18823	Spicer	E-9673A
18824	Dana	E-9650
18825	Dana	E-9649
18826	Dana	E-9656
18826	Spicer	E-9656
18827	Dana	E-9655
18828	Dana	E-9658
18829	Dana	E-9657
18830	Dana	E-9660
18831	Dana	E-9659
18832	Dana	E-9662
18833	Dana	E-9661
18834	Dana	E-9676
18834	Spicer	E-9676
18835	Dana	E-9675
18835	Spicer	E-9675
18836	Dana	E-9670
18836	Spicer	E-9670
18837	Dana	E-9669
18837	Spicer	E-9669
18841	UBS	E-2099

PART NO.	COMPETITOR	EUCLID NO.
019047	Velvac	E-8897
019048	Velvac	E-8898
019049	Velvac	E-8897
019050	Velvac	E-8896
19054	Eaton	E-1271
19100	Haldex	E-11989
19102	Haldex	E-11990
19104	Haldex	E-2764
19146	Eaton	E-2363
19419	Eaton	E-2407
19784	Eaton	E-2408
19854	Dana	E-1428A
19858	Dana	E-1025
19859	Dana	E-1418
19860	Dana	E-2767
19862	Dana	E-757
19863	Dana	E-1583
19866	Dana	E-1400
19875	Dana	E-2785
19878	Dana	E-543
19882	Dana	E-3481A
19895	Dana	E-3437
19910	Dana	E-9643
19913	Dana	E-9069
19913	Spicer	E-9069
19921	Dana	E-4800
19921	Spicer	E-4800
20881	Dana	E-747
20882	Dana	E-2399
21123	Crewson	E-10950B
21404	Standard Forge	E-910
21935	Dana	E-2689
22109	Eaton	E-2395
22112	Eaton	E-3227
22113	Eaton	E-3007A
22115	Eaton	E-747
22116	Eaton	E-5123
22121	Eaton	E-2398
22122	Eaton	E-1428A
22123	Crewson	E-10949B
22123	Eaton	E-1418
22124	Eaton	E-2767
22125	Eaton	E-5122
22126	Eaton	E-609
22129	Eaton	E-2390
22133	Eaton	E-1269
22134	Eaton	E-564

PART NO.	COMPETITOR	EUCLID NO.
22135	Eaton	E-2391
22136	Eaton	E-2392
22138	Eaton	E-2392
22139	Eaton	E-579A
22141	Eaton	E-920
22143	Eaton	E-2389
22260	Eaton	E-596A
22261	Eaton	E-2396
22341	Eaton	E-2361
22810	Bendix	E-940HD
23071	Eaton	E-5512
23071	Eaton	E-661
23470	Eaton	E-1781
23570	Eaton	E-1781
23685	Eaton	E-2785
23802	Eaton	E-654
24532	Eaton	E-2405
24898	Eaton	E-2406
25263	Eaton	E-1416
25520	Meritor	E-TM25520
25523	Meritor	E-TM25523
25584	Meritor	E-TM25584
25820	Meritor	E-TM25820
25821	Meritor	E-TM25821
25877	Meritor	E-TM25877
25880	Meritor	E-TM25880
0027236	National	E-3469
27236	National	E-3469
27323	Bendix	E-612HD
27620	Meritor	E-TM27620
27687	Meritor	E-TM27687
28021	UBS	E-2766S
28022	UBS	E-2767
28023	UBS	E-2768
28032	UBS	E-7212A
28033	UBS	E-7214A
28034	UBS	E-7213A
28095	UBS	E-2396
28101	UBS	E-501
28105	UBS	E-1269
28105	UBS	E-537
28105	UBS	E-563
28112	UBS	E-2218
28114	UBS	E-502
28119	UBS	E-2177
28120	UBS	E-1406
28121	UBS	E-1582

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PART NO.	COMPETITOR	EUCLID NO.
28122	UBS	E-3421A
28127	UBS	E-2395
28145	UBS	E-773
28149	UBS	E-523
28151	UBS	E-539
28153	UBS	E-2390
28154	UBS	E-2414
28155	UBS	E-2029
28157	UBS	E-2401
28158	UBS	E-3007A
28160	UBS	E-1581
28168	UBS	E-579A
28173	UBS	E-1424A
28173	UBS	E-556
28174	UBS	E-1425A
28174	UBS	E-557
28179	UBS	E-3228
28180	UBS	E-1025
28181	UBS	E-2101
28183	UBS	E-2398
28185	UBS	E-1583
28187	UBS	E-2475
28188	UBS	E-2785
28192	UBS	E-2804
28193	UBS	E-1400
28195	UBS	E-2805
28196	UBS	E-2163
28198	UBS	E-1458
28201	UBS	E-2476
28238	UBS	E-609
28242	UBS	E-1416A
28250	UBS	E-595
28322	UBS	E-2399
28324	UBS	E-1272
28324	UBS	E-747
28358	UBS	E-2361
28359	UBS	E-536
28362	UBS	E-662
28363	UBS	E-2102
28366	UBS	E-1567
28367	UBS	E-535
28369	UBS	E-1571
28370	UBS	E-2551
28371	UBS	E-2690A
28372	UBS	E-2695
28375	UBS	E-2380
28376	UBS	E-1271

PART NO.	COMPETITOR	EUCLID NO.
28377	UBS	E-2670
28378	UBS	E-2405
28380	UBS	E-2407
28381	UBS	E-2406
28382	UBS	E-886
28383	UBS	E-544
28397	UBS	E-2408
28397	UBS	E-538
28401	UBS	E-527
28402	UBS	E-526
28403	UBS	E-2392
28443	UBS	E-2443B
28443	UBS	E-2444B
28445	UBS	E-2445B
28446	UBS	E-2446B
28451	UBS	E-2449A
28452	UBS	E-2450A
28507	UBS	E-1147C
28508	UBS	E-1148C
28580	UBS	E-1094
28581	UBS	E-1095
28582	UBS	E-2389
28594	UBS	E-920
28595	UBS	E-919
28622	Meritor	E-TM28622
28682	Meritor	E-TM28682
28788	UBS	E-1112A
28792	UBS	E-2103
28793	UBS	E-2104
28798	UBS	E-1318A
28799	UBS	E-1319A
28800	UBS	E-2477B
28803	UBS	E-4586
28810	UBS	E-612HD
28811	UBS	E-2458HD
28812	UBS	E-1574HD
28820	UBS	E-940HD
28827	UBS	E-1880B
28838	UBS	E-1563
28839	UBS	E-1564
28840	UBS	E-1428A
28842	UBS	E-2100
28847	UBS	E-2441B
28848	UBS	E-2442B
28875	UBS	E-1408
28877	UBS	E-2404
28878	UBS	E-2391

PART NO.	COMPETITOR	EUCLID NO.
28880	UBS	E-1565
28882	UBS	E-580
28883	UBS	E-2411A
28884	UBS	E-564
28885	UBS	E-1781
28886	UBS	E-1782
28888	UBS	E-1893
28889	UBS	E-1113
28894	UBS	E-3227
28902	UBS	E-2800
28903	UBS	E-2799
28908	UBS	E-1775
28909	UBS	E-1776
28910	UBS	E-2787
28911	UBS	E-2786
28914	UBS	E-2479B
28915	UBS	E-2478B
28916	UBS	E-1789
28917	UBS	E-1788
28918	UBS	E-2700B
28919	UBS	E-2701B
28920	UBS	E-1774C
28921	UBS	E-1773C
28922	UBS	E-2715A
28923	UBS	E-2714A
28928	UBS	E-687
28929	UBS	E-686
28930	UBS	E-2795
28931	UBS	E-2794
28936	UBS	E-2413A
28937	UBS	E-2412A
28942	UBS	E-2797
28943	UBS	E-2796
28948	UBS	E-1394
28949	UBS	E-1393
28949	UBS	E-2447A
28950	UBS	E-1411
28950	UBS	E-2448A
28951	UBS	E-1410
28952	UBS	E-2493
28953	UBS	E-2452A
28953	UBS	E-2492
28954	UBS	E-1423
28954	UBS	E-2451A
28955	UBS	E-1422
28956	UBS	E-1421
28957	UBS	E-1420

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PART NO.	COMPETITOR	EUCLID NO.
28958	UBS	E-2107
28959	UBS	E-2108
28962	UBS	E-2693
28963	UBS	E-2694
28967	UBS	E-1418
29001	UBS	E-1901
29002	UBS	E-1902
29003	UBS	E-1903
29005	UBS	E-1905
29006	UBS	E-1906
29007	UBS	E-1907
29008	UBS	E-1908
29009	UBS	E-1909
29010	UBS	E-1910
29011	UBS	E-1911
29011	UBS	E-1922
29012	UBS	E-1912
29013	UBS	E-1913
29014	UBS	E-1914
29015	UBS	E-1915
29016	UBS	E-1916
29017	UBS	E-1917
29018	UBS	E-1918
29019	UBS	E-1919
29020	UBS	E-1920
29021	UBS	E-1921
29023	UBS	E-1923
29024	UBS	E-1924
29025	UBS	E-1925
29026	UBS	E-1926
29027	UBS	E-1927
29028	UBS	E-1928
29029	UBS	E-1929
29030	UBS	E-1930
29031	UBS	E-1931
29032	UBS	E-1932
29034	UBS	E-1934
29037	UBS	E-1937
29620	Meritor	E-TM29620
29630	Meritor	E-TM29630
29646	Eaton	E-1782
29675	Meritor	E-TM29675
29685	Meritor	E-TM29685
030013	Velvac	E-12S
030015	Velvac	E-16S
030017	Velvac	E-20S
030019	Velvac	E-24S

PART NO.	COMPETITOR	EUCLID NO.
030021	Velvac	E-30S
030024	Velvac	E-36S
031021	Velvac	E-8888
031023	Velvac	E-8889
031025	Velvac	E-8890
031027	Velvac	E-8891
031031	Velvac	E-8892
031033	Velvac	E-8894
031035	Velvac	E-8895
31472	Eaton	E-526
31520	Meritor	E-TM31520
31597	Meritor	E-TM31597
31944	Wagner	E-2714A
31944	Wagner	E-2715A
31945	Wagner	E-2714A
31945	Wagner	E-2715A
32106	Eaton	E-5138
32144	Eaton	E-5093
32147	Eaton	E-759
32149	Eaton	E-5512
32149	Eaton	E-661
32150	Eaton	E-1567
32153	Eaton	E-2407
32154	Eaton	E-2408
32155	Eaton	E-2477B
32157	Eaton	E-1571
32158	Eaton	E-1577A
32159	Eaton	E-2102
32160	Eaton	E-2517
32161	Eaton	E-2361
32164	Eaton	E-5127
32165	Eaton	E-654
32166	Eaton	E-1416
32167	Eaton	E-2405
32168	Eaton	E-2406
32169	Eaton	E-1272
32169	Eaton	E-1416
32172	Eaton	E-1416
32173	Eaton	E-5128
32174	Eaton	E-3234
32175	Eaton	E-5137
32176	Eaton	E-1781
32177	Eaton	E-1782
32180	Eaton	E-580
32180	Eaton	E-581
32181	Eaton	E-1782
32181	Eaton	E-580

PART NO.	COMPETITOR	EUCLID NO.
32183	Eaton	E-1565
32186	Eaton	E-526
32192	Eaton	E-3478
32706	Eaton	E-2551
32714	Eaton	E-2690A
32715	Eaton	E-2695
32716	Eaton	E-910
32717	Eaton	E-2405
33003	Bendix	E-2015
33117	Hendrickson	E-1307
33275	Meritor	E-TM33275
33281	Meritor	E-TM33281
33287	Meritor	E-TM33287
33462	Meritor	E-TM33462
33472	Meritor	E-TM33472
33664	Eaton	E-3478
34478	Meritor	E-TM34478
34528	Eaton	E-1782
35428	Eaton	E-1782
35430	Eaton	E-9055
35431	Eaton	E-9056
35455	Eaton	E-4740
35456	Eaton	E-4741
38030	Eaton	E-3007A
38032	Eaton	E-747
38038	Spicer	E-910
38041	Eaton	E-2767
38052	Eaton	E-2551
39074	Eaton	E-2217A
39074	Eaton	E-595
39075	Eaton	E-596A
39520	Meritor	E-TM39520
39580	Meritor	E-TM39580
39581	Meritor	E-TM39581
39585	Meritor	E-TM39585
39590	Meritor	E-TM39590
040301	Dayton Parts	E-581
40547	Eaton	E-9763
40548	Eaton	E-9764
40864	Eaton	E-1416A
41002	Haldex	E-4717
41003	Haldex	E-2478B
41010	Haldex	E-1789
41011	Haldex	E-1788
41014	Haldex	E-1774C
41015	Haldex	E-1773C
41016	Haldex	E-1148C

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PART NO.	COMPETITOR	EUCLID NO.
41017	Haldex	E-1147C
41022	Haldex	E-4705B
41024	Haldex	E-4707B
41025	Haldex	E-4706B
41026	Haldex	E-2800
41027	Haldex	E-2799
41028	Haldex	E-2479B
41029	Haldex	E-2478B
41034	Haldex	E-2701B
41035	Haldex	E-2700B
41036	Haldex	E-2701B
41036	Haldex	E-4703B
41037	Haldex	E-4702B
41042	Haldex	E-2787
41043	Haldex	E-2786
41044	Haldex	E-4709B
41045	Haldex	E-4708B
41260	Haldex	E-4711B
41261	Haldex	E-4710B
41266	Haldex	E-2795
41267	Haldex	E-2794
41268	Haldex	E-4713
41269	Haldex	E-4712
41276	Haldex	E-2447A
41277	Haldex	E-2448A
41292	Haldex	E-2694
41293	Haldex	E-2693
41504	Haldex	E-2441B
41505	Haldex	E-2442B
41506	Haldex	E-1425A
41507	Haldex	E-1424A
41510	Haldex	E-3516
41511	Haldex	E-3517
41512	Haldex	E-2099
41513	Haldex	E-2100
41522	Haldex	E-1095
41523	Haldex	E-1094
41524	Haldex	E-4717
41525	Haldex	E-4716
41526	Haldex	E-2443B
41527	Haldex	E-2444B
41528	Haldex	E-1563
41529	Haldex	E-1564
41532	Haldex	E-2449A
41533	Haldex	E-2450A
41542	Haldex	E-4885
41543	Haldex	E-4884

PART NO.	COMPETITOR	EUCLID NO.
41544	Haldex	E-4721
41545	Haldex	E-4720
41546	Haldex	E-4717
41547	Haldex	E-4716
41548	Haldex	E-4723
41549	Haldex	E-4722
41550	Haldex	E-9649
41551	Haldex	E-9650
41552	Haldex	E-9651
41553	Haldex	E-9652
41554	Haldex	E-9653
41555	Haldex	E-9654
41556	Haldex	E-9655
41557	Haldex	E-9656
41558	Haldex	E-9657
41559	Haldex	E-9658
41560	Haldex	E-9659
41561	Haldex	E-9660
41564	Haldex	E-9667
41565	Haldex	E-9668
41566	Haldex	E-9669
41567	Haldex	E-9670
41568	Haldex	E-9671
41569	Haldex	E-9672
41662	Haldex	E-9661
41663	Haldex	E-9662
41710	Haldex	E-1394
41711	Haldex	E-1393
41714	Haldex	E-2493
41715	Haldex	E-2492
41718	Haldex	E-1423
41719	Haldex	E-1422
41722	Haldex	E-1421
41723	Haldex	E-1420
41728	Haldex	E-1563
41729	Haldex	E-1564
41730	Haldex	E-2099
41731	Haldex	E-2100
41752	Haldex	E-2451A
41753	Haldex	E-2452A
41754	Haldex	E-2797
41755	Haldex	E-2796
41756	Haldex	E-4719
41757	Haldex	E-4718
41758	Haldex	E-2445B
41759	Haldex	E-2446B
41760	Haldex	E-1776

PART NO.	COMPETITOR	EUCLID NO.
41761	Haldex	E-1775
41761	Haldex	E-1776
41762	Haldex	E-1411
41763	Haldex	E-1410
41764	Haldex	E-2413A
41765	Haldex	E-2412A
41772	Haldex	E-5135
41772	Haldex	E-9675
41773	Haldex	E-5136
41773	Haldex	E-9676
41782	Haldex	E-9699
42350	Meritor	E-TM42350
42381	Meritor	E-TM42381
3/8/2016	Haldex	E-2144
42584	Meritor	E-TM42584
42620	Meritor	E-TM42620
42687	Meritor	E-TM42687
42688	Meritor	E-TM42688
43943	Eaton	E-1782
43943	Eaton	E-580
44041	Power Equipment	E-1574SBK
44051	Power Equipment	E-2458SBK
44061	Power Equipment	E-2459SBK
44143	Meritor	E-TM44143
44348	Meritor	E-TM44348
45220	Meritor	E-TM45220
45280	Meritor	E-TM45280
45284	Meritor	E-TM45284
45291	Meritor	E-TM45291
45530	Eaton	E-9765
45531	Eaton	E-9766
47001	Power Equipment	E-612SBK
47011	Power Equipment	E-940SBK
47420	Meritor	E-TM47420
47490	Meritor	E-TM47490
47620	Meritor	E-TM47620
47679	Meritor	E-TM47679
47686	Meritor	E-TM47686
47820	Meritor	E-TM47820
47890	Meritor	E-TM47890
49520	Meritor	E-TM49520
49585	Meritor	E-TM49585
52010	Tramec	E-612HD
52010	Tramec	E-612SBK
52017	Tramec	E-2091
52028	Tramec	E-2458HD
52128	Tramec	E-2458HD

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PART NO.	COMPETITOR	EUCLID NO.
52128	Tramec	E-2458SBK
52128	Tramec	E-612HD
52210	Tramec	E-940HD
52228	Tramec	E-2459HD
52228	Tramec	E-2459SBK
52240	Eaton	E-2121
52241	Eaton	KIT5
52243	Eaton	E-1887ASHD
52244	Eaton	KIT1
52310	Tramec	E-2091
52328	Tramec	E-2458HD
52328	Tramec	E-2458SBK
52337	Tramec	E-1574HD
52375	Meritor	E-TM52375
52387	Meritor	E-TM52387
52400	Meritor	E-TM52400
52411	Tramec	E-4904S
52618	Meritor	E-TM52618
52637	Meritor	E-TM52637
53003	Tramec	E-8898
53007	Tramec	E-8897
53009	Tramec	E-8888
53012	Tramec	E-8889
53016	Tramec	E-8890
53020	Tramec	E-8891
53024	Tramec	E-8892
53030	Tramec	E-8894
53036	Tramec	E-8895
53132	Tramec	E-GC3030
53176	Meritor	E-TM53176
53230	Tramec	E-GP3030
53312	Tramec	E-12S
53314	Tramec	E-12S
53316	Tramec	E-16S
53318	Tramec	E-16S
53319	Eaton	E-8925
53320	Tramec	E-20S
53321	Eaton	E-8923
53322	Tramec	E-20S
53324	Tramec	E-24S
53325	Tramec	E-24S
53330	Tramec	E-30S
53332	Tramec	E-30S
53387	Eaton	E-4691
53690	Eaton	E-2820
55437	Meritor	E-TM55437
55443	Meritor	E-TM55443

PART NO.	COMPETITOR	EUCLID NO.
01-2056	Dayton Parts	E-9043
59412	Meritor	E-TM59412
61576	Eaton	E-612HD
61608	Fruehauf	E-535
61941	Eaton	E-2458HD
62248	Eaton	E-1357A
62250	Eaton	E-2086B
62253	Eaton	E-3993B
62254	Eaton	E-2287
62255	Eaton	E-2680
62256	Eaton	E-2122
62257	Eaton	E-2090
62258	Eaton	E-5140
62259	Eaton	E-2125
62306	Eaton	E-1574HD
62709	Eaton	E-2469
62709	Eaton	E-2526
62710	Eaton	E-3520A
62712	Eaton	E-2087
62713	Eaton	E-2287
62718	Eaton	E-2696A
63767	Eaton	E-940HD
65225	Meritor	E-TM65225
65231	Haldex	E-1147C
65237	Meritor	E-TM65237
65301	Haldex	E-501
65302	Haldex	E-1269
65302	NAPA	E-1269
65303	Haldex	E-537
65303	NAPA	E-537
65304	Haldex	E-563
65304	NAPA	E-563
65305	Haldex	E-538
65305	NAPA	E-538
65306	Haldex	E-2218
65306	NAPA	E-2218
65307	Haldex	E-502
65307	NAPA	E-502
65308	Haldex	E-502
65308	NAPA	E-502
65309	Haldex	E-543
65309	NAPA	E-543
65310	Haldex	E-544
65311	Haldex	E-527
65311	NAPA	E-527
65313	Haldex	E-564
65313	NAPA	E-564

PART NO.	COMPETITOR	EUCLID NO.
65318	Haldex	E-526
65318	NAPA	E-526
65320	Haldex	E-1418
65320	NAPA	E-1418
65321	NAPA	E-1147C
65322	Haldex	E-1148C
65322	NAPA	E-1148C
65323	Haldex	E-1214
65323	NAPA	E-1214
65325	Haldex	E-773
65325	NAPA	E-773
65326	Haldex	E-523
65326	NAPA	E-523
65327	Haldex	E-539
65327	NAPA	E-539
65328	Haldex	E-512
65328	NAPA	E-512
65329	Haldex	E-536
65329	NAPA	E-536
65329	Haldex	E-5512
65330	Haldex	E-2477B
65330	Haldex	E-535
65330	NAPA	E-535
65331	Haldex	E-579A
65331	NAPA	E-579A
65332	Haldex	E-1424A
65332	NAPA	E-1424A
65332	Haldex	E-556
65333	Haldex	E-1425A
65333	NAPA	E-1425A
65333	Haldex	E-557
65338	Haldex	E-581
65338	NAPA	E-581
65339	Haldex	E-580
65339	NAPA	E-580
65340	Haldex	E-656
65340	NAPA	E-656
65341	NAPA	E-684
65342	NAPA	E-685
65344	Haldex	E-609
65344	NAPA	E-609
65351	Haldex	E-747
65351	NAPA	E-747
65352	Haldex	E-654
65352	NAPA	E-654
65353	NAPA	E-2396
65359	Haldex	E-807

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PART NO.	COMPETITOR	EUCLID NO.
65359	NAPA	E-807
65360	Haldex	E-1025
65360	NAPA	E-1025
65364	Haldex	E-1095
65364	NAPA	E-1095
65365	Haldex	E-1094
65365	NAPA	E-1094
65366	Haldex	E-920
65366	NAPA	E-920
65367	NAPA	E-602
65368	NAPA	E-943
65369	Haldex	E-1112A
65369	NAPA	E-1112A
65370	Haldex	E-1563
65370	NAPA	E-1563
65371	Haldex	E-1564
65371	NAPA	E-1564
65372	Haldex	E-1893
65372	NAPA	E-1893
65373	Haldex	E-1113
65373	NAPA	E-1113
65374	Haldex	E-719
65374	NAPA	E-719
65375	Haldex	E-2291
65375	NAPA	E-719
65376	Haldex	E-3227
65376	NAPA	E-3227
65377	Haldex	E-1565
65377	NAPA	E-1565
65378	Haldex	E-1567
65378	NAPA	E-1567
65379	Haldex	E-1569
65379	NAPA	E-1569
65380	Haldex	E-1571
65380	NAPA	E-1571
65383	Haldex	E-1416
65383	NAPA	E-1416A
65384	Haldex	E-759
65385	Haldex	E-1140
65385	NAPA	E-1140
65387	Haldex	E-5531
65387	NAPA	E-5531
65387	Haldex	E-5541
65387	NAPA	E-5541
65388	NAPA	E-3995
65390	NAPA	E-2484
65391	Haldex	E-1128

PART NO.	COMPETITOR	EUCLID NO.
65391	NAPA	E-1128
65396	NAPA	E-1261
65397	Haldex	E-1136
65397	NAPA	E-1136
65398	Haldex	E-1137
65398	NAPA	E-1137
65399	NAPA	E-1218
65400	Haldex	E-1216
65400	NAPA	E-1216
65401	Haldex	E-1217
65401	NAPA	E-1217
65409	Haldex	E-1215
65409	NAPA	E-1215
65410	NAPA	E-2162
65412	Haldex	E-1230
65412	NAPA	E-1230
65414	NAPA	E-2163
65417	Haldex	E-2522
65417	NAPA	E-2522
65423	Haldex	E-5093
65423	NAPA	E-5093
65424	Haldex	E-537
65424	NAPA	E-537
65428	Haldex	E-752
65430	Haldex	E-595
65430	NAPA	E-595
65431	Haldex	E-595
65431	Haldex	E-596A
65431	NAPA	E-596A
65432	NAPA	E-1418
65434	Haldex	E-661
65437	Haldex	E-712
65437	NAPA	E-712
65438	NAPA	E-714
65439	Haldex	E-512
65440	Haldex	E-609
65441	Haldex	E-667
65441	NAPA	E-667
65444	Haldex	E-757
65444	NAPA	E-757
65448	Haldex	E-919
65448	NAPA	E-919
65449	Haldex	E-1880B
65449	NAPA	E-1880B
65450	Haldex	E-1428A
65450	Haldex	E-2785
65452	Haldex	E-910

PART NO.	COMPETITOR	EUCLID NO.
65452	NAPA	E-910
65454	Haldex	E-1139
65460	Haldex	E-10826
65470	Haldex	E-586
65470	NAPA	E-586
65473	Haldex	E-2015
65473	NAPA	E-2015
65476	Haldex	E-2102
65476	NAPA	E-2102
65477	Haldex	E-4709ES2N
65494	Haldex	E-2406
65500	Meritor	E-TM65500
65561	Haldex	E-1106
65732	Haldex	E-1893
66225	Meritor	E-TM66225
66324	Eaton	E-2307
66439	Haldex	E-1137
66440	Haldex	E-1136
66447	Haldex	E-1458
66462	Meritor	E-TM66462
66544	Haldex	E-1106
66544	NAPA	E-1106
66545	NAPA	E-2029
66547	NAPA	E-1107
66549	Haldex	E-1318A
66549	NAPA	E-1318A
66549	Haldex	E-1318ABK
66552	Haldex	E-603
66552	NAPA	E-603
66553	Haldex	E-1410
66553	NAPA	E-1410
66554	Haldex	E-1411
66554	NAPA	E-1411
66555	Haldex	E-1788
66555	NAPA	E-1788
66556	Haldex	E-1789
66556	NAPA	E-1789
66561	Haldex	E-1108
66561	NAPA	E-1108
66563	Haldex	E-654
66610	Haldex	E-3511
66612	Haldex	E-3512
66635	Haldex	E-757
66636	Haldex	E-1400
66639	NAPA	E-2399
66640	Haldex	E-1140
66645	Haldex	E-1577A

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PART NO.	COMPETITOR	EUCLID NO.
66645	NAPA	E-1577A
66646	Haldex	E-2361
66646	NAPA	E-2361
66680	Haldex	E-1486
66680	NAPA	E-1486
66681	Haldex	E-3994
66681	NAPA	E-3994
66683	Haldex	E-2390
66683	NAPA	E-2390
66691	Haldex	E-3469
66692	Haldex	E-3471
66693	Haldex	E-3476
66695	Haldex	E-3475
66697	Haldex	E-3472
66699	Haldex	E-3479
66732	NAPA	E-2121
66733	NAPA	E-1887ASHD
66734	NAPA	KIT4S
66735	NAPA	E-1816S
66735	Haldex	E-1816SHD
66735	Haldex	E-4515PHD
66736	NAPA	E-1607HD
66737	NAPA	E-2086B
66738	NAPA	E-2088A
66738	NAPA	E-2088AHD
66739	NAPA	E-1357A
66740	Haldex	E-2122
66740	NAPA	E-2122
66741	NAPA	KIT1
66746	NAPA	E-7214A
66747	NAPA	E-7213A
66827	NAPA	E-1774C
66828	NAPA	E-1773C
66829	Haldex	E-2412A
66829	Haldex	E-688A
66830	Haldex	E-2413A
66830	Haldex	E-689A
66831	Haldex	E-2670
66831	NAPA	E-2670
66836	Haldex	E-5123
66841	Haldex	E-3424
66849	Haldex	E-757
66851	Haldex	E-1272
66852	Haldex	E-2411A
66859	Haldex	E-2409
66859	NAPA	E-2409
66861	NAPA	E-2769S

PART NO.	COMPETITOR	EUCLID NO.
66863	Haldex	E-2767
66863	NAPA	E-2767
66864	Haldex	E-2768
66864	NAPA	E-2768
66866	Haldex	E-2766S
66866	NAPA	E-2766S
66867	NAPA	E-2402HD
66867	Haldex	E-2769SHD
66868	NAPA	E-2390
66869	Haldex	E-2391
66869	NAPA	E-2391
66870	Haldex	E-2392
66870	NAPA	E-2392
66871	Haldex	E-2395
66871	NAPA	E-2395
66872	Haldex	E-2396
66873	Haldex	E-2389
66874	NAPA	E-2030HD
66876	NAPA	E-2478B
66877	NAPA	E-2479B
66886	Haldex	E-979
66890	Haldex	E-3447
66891	Haldex	E-2717
66891	NAPA	E-2717
66892	Haldex	E-2720
66892	NAPA	E-2720
66894	Haldex	E-2723
66895	NAPA	E-2724
66896	NAPA	E-2725
66899	Haldex	E-2733
66899	NAPA	E-2733
66900	Haldex	E-2734
66900	NAPA	E-2734
66901	Haldex	E-2177
66902	Haldex	E-2217A
66903	Haldex	E-3007A
66913	Haldex	E-4515X
66914	Haldex	E-3710SHD
66914	Haldex	E-4515XHD
66919	Haldex	E-4691
66922	Haldex	E-3446
66923	Haldex	E-4692
66975	NAPA	E-2141
66979	NAPA	E-5540
66982	NAPA	E-2405
66983	NAPA	E-7212A
67018	Haldex	E-2551

PART NO.	COMPETITOR	EUCLID NO.
67038	NAPA	E-1046
67046	NAPA	E-2099
67047	NAPA	E-2100
67316	Haldex	E-2121
67317	Haldex	E-1816S
67317	Haldex	E-4515P
67319	Haldex	E-1887ASHD
67319	Haldex	E-4311EHDN
67322	Meritor	E-TM67322
67324	Haldex	E-2090
67324	NAPA	E-2090
67325	Haldex	E-2123
67325	NAPA	E-2123
67326	Haldex	E-2125
67327	Haldex	E-2086B
67328	Haldex	E-2088A
67328	Haldex	E-2088AHD
67329	Haldex	E-1357A
67331	Haldex	E-2087
67332	Haldex	E-2287
67334	Haldex	E-2382
67336	Haldex	E-3354
67352	Haldex	E-1816S
67352	Haldex	E-4515P
67353	Haldex	E-2680
67354	Haldex	E-2696A
67354	NAPA	E-2696A
67356	Haldex	E-2675HD
67357	Haldex	E-1607HD
67358	Haldex	E-2517
67358	NAPA	E-2517
67359	Haldex	E-1314
67361	Haldex	E-1385
67361	NAPA	E-1385
67362	Haldex	E-2695
67362	NAPA	E-2695
67363	Haldex	E-1416A
67363	Haldex	E-2405
67363	NAPA	E-2405
67364	Haldex	E-2690A
67364	NAPA	E-2690A
67365	Haldex	E-1426
67368	Haldex	E-1337
67368	NAPA	E-1337
67370	Haldex	E-2443B
67370	NAPA	E-2443B
67371	Haldex	E-2444B

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PART NO.	COMPETITOR	EUCLID NO.
67371	NAPA	E-2444B
67372	NAPA	E-2445B
67373	NAPA	E-2446B
67374	HalDEX	E-1781
67375	HalDEX	E-1782
67388	Meritor	E-TM67388
67390	Meritor	E-TM67390
67391	Meritor	E-TM67391
67434	HalDEX	KIT5
67442	NAPA	E-2361
67443	NAPA	E-1271
67444	NAPA	E-1893
67445	NAPA	E-2177
67446	HalDEX	E-1583
67446	NAPA	E-1583
67447	HalDEX	E-1582
67447	NAPA	E-1582
67448	HalDEX	E-1581
67448	NAPA	E-1581
67451	NAPA	E-2217A
67453	NAPA	E-2733
67455	NAPA	E-3421A
67456	NAPA	E-2770
67457	NAPA	E-3234
67459	NAPA	E-1781
67460	NAPA	E-1782
67462	NAPA	E-3473
67463	NAPA	E-759
67464	NAPA	E-2551
67465	NAPA	E-3481A
67466	HalDEX	E-3483
67466	NAPA	E-3483
67467	HalDEX	E-3482
67467	NAPA	E-3482
67470	NAPA	E-3228
67471	NAPA	E-3711
67475	NAPA	E-1406
67477	NAPA	E-1416
67488	HalDEX	E-5305
67489	NAPA	E-5304
67492	HalDEX	E-2398
67531	NAPA	E-2442B
67532	NAPA	E-2441B
67538	NAPA	E-2382
67546	NAPA	KIT4S
67548	NAPA	E-2769S
67550	NAPA	E-1887ASHD

PART NO.	COMPETITOR	EUCLID NO.
67551	NAPA	E-2287
67552	NAPA	E-2740
67553	NAPA	E-3353A
67554	NAPA	E-2713
67555	NAPA	E-3354
67556	NAPA	E-3291
67557	NAPA	E-3710S
67559	NAPA	E-2089
67560	NAPA	E-2125
67562	NAPA	E-2087
67563	NAPA	E-2494
67565	NAPA	E-2680
67567	NAPA	E-3484
67720	Meritor	E-TM67720
67782	Meritor	E-TM67782
67970	NAPA	E-3710SHD
68462	Meritor	E-TM68462
68712	Meritor	E-TM68712
68872	HalDEX	E-2396
70306	Eaton	E-1776
70307	Eaton	E-1775
70308	Eaton	E-4886
70309	Eaton	E-4887
70325	Eaton	E-1025
70325	Eaton	E-2101
70326	Eaton	E-1418
71306	Eaton	E-2787
71307	Eaton	E-2786
71450	Meritor	E-TM71450
71750	Meritor	E-TM71750
72387	Eaton	E-2478B
72388	Eaton	E-2479B
72389	Eaton	E-2799
72390	Eaton	E-2800
72391	Eaton	E-1773C
72392	Eaton	E-1774C
72393	Eaton	E-1147C
72394	Eaton	E-1148C
72395	Eaton	E-1775
72396	Eaton	E-1776
72397	Eaton	E-2714A
72398	Eaton	E-2715A
72403	Eaton	E-688
72403	Eaton	E-688A
72404	Eaton	E-689
72404	Eaton	E-689A
72405	Eaton	E-2412

PART NO.	COMPETITOR	EUCLID NO.
72405	Eaton	E-2412A
72406	Eaton	E-2413
72406	Eaton	E-2413A
72407	Eaton	E-2694
72408	Eaton	E-2693
72411	Eaton	E-1424A
72411	Eaton	E-1425A
72412	Eaton	E-1424A
72412	Eaton	E-1425A
72415	Eaton	E-2449A
72416	Eaton	E-2450A
72419	Eaton	E-1410
72420	Eaton	E-1411
72421	Eaton	E-2492
72422	Eaton	E-2493
72423	Eaton	E-1422
72424	Eaton	E-1423
72425	Eaton	E-1094
72426	Eaton	E-1095
72427	Eaton	E-1420
72428	Eaton	E-1421
72429	Eaton	E-2451A
72430	Eaton	E-2452A
72431	Eaton	E-2796
72432	Eaton	E-2797
72433	Eaton	E-9659
72434	Eaton	E-9660
72435	Eaton	E-9661
72436	Eaton	E-9662
72437	Eaton	E-2441B
72438	Eaton	E-2442B
72439	Eaton	E-2443B
72440	Eaton	E-2444B
72441	Eaton	E-2445B
72442	Eaton	E-2446B
72443	Eaton	E-1563
72444	Eaton	E-1564
72447	Eaton	E-2100
72448	Eaton	E-2099
72487	Meritor	E-TM72487
73694	Eaton	E-4740
73695	Eaton	E-4741
73700	Eaton	E-4888
73701	Eaton	E-4889
73702	Eaton	E-5129
73703	Eaton	E-5130
73704	Eaton	E-5133

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PART NO.	COMPETITOR	EUCLID NO.
73705	Eaton	E-5134
73706	Eaton	E-5131
73707	Eaton	E-5132
73708	Eaton	E-5135
73709	Eaton	E-5136
75301	Eaton	E-5138
76003	Eaton	E-2217A
76003	Eaton	E-595
76293	Eaton	E-9765
76294	Eaton	E-9766
76369	Eaton	E-2395
76734	Eaton	E-3421A
77464	Eaton	E-3227
78195	Eaton	E-2399
78500	Eaton	E-2125
78500	Eaton	E-5501
78551	Meritor	E-TM78551
78580	Eaton	E-1400
78580	Eaton	E-1428A
78580	Eaton	E-2785
78925	Eaton	E-5123
79656	Eaton	E-1880B
79903	Eaton	E-1416A
79933	Eaton	E-2807
80386	Eaton	E-2768
80433	Wagner	E-3421A
81482	Eaton	E-1418
81847	Eaton	E-2767
82069	Eaton	E-2458S
82213	Eaton	E-5122
82943	Eaton	E-1112A
83674	Eaton	E-2390
84769	Eaton	E-3711
85500	Eaton	E-564
86230	Eaton	E-527
86961	Eaton	E-2392
88057	Eaton	E-920
88422	Eaton	E-1893
90276	Eaton	E-759
91007	Eaton	E-536
91372	Eaton	E-1567
91737	Eaton	E-2380
92103	Eaton	E-1271
92468	Eaton	E-2407
92833	Eaton	E-2408
93198	Eaton	E-535
93564	Eaton	E-1318A

PART NO.	COMPETITOR	EUCLID NO.
93929	Eaton	E-1571
94294	Eaton	E-1577A
94659	Eaton	E-2102
95025	Eaton	E-2517
95390	Eaton	E-2361
95755	Eaton	E-1314
96120	Eaton	E-536
96486	Eaton	E-5127
96851	Eaton	E-654
97216	Eaton	E-1272
97581	Eaton	E-2405
97947	Eaton	E-2406
98312	Eaton	E-1416
99773	Eaton	E-5128
100090	TSE	E-8888
100120	TSE	E-8889
100138	Eaton	E-3234
100160	TSE	E-8890
100200	TSE	E-8891
100240	TSE	E-8892
100300	TSE	E-8894
100360	TSE	E-8895
100503	Eaton	E-5137
100831	Eaton	E-2802
100869	Eaton	E-1781
101133	Bendix	E-2458S
101214	Bendix	E-2459HD
101214	Bendix	E-2459HDBK
101215	Bendix	E-2458HD
101215	Bendix	E-2458HDBK
101215	Bendix	E-2458S
101234	Eaton	E-1782
101240	TSE	E-8893
101290	Bendix	E-2458S
101964	Eaton	E-656
102330	Eaton	E-1113
102330	Eaton	E-564
102570	Fruehauf	E-773
102695	Eaton	E-580
103345	Bendix	E-2458S
103425	Eaton	E-1565
104521	Eaton	E-526
104623	Bendix	E-7232
104624	Bendix	E-7232
104624	Bendix	E-7238
104627	Bendix	E-7231
104628	Bendix	E-7237

PART NO.	COMPETITOR	EUCLID NO.
104631	Bendix	E-7235
104886	Eaton	E-1569
105617	Eaton	E-2411A
105982	Eaton	E-3479
106713	Eaton	E-3478
111986	Dayton Parts	E-5833
111987	Dayton Parts	E-5834
122844	Eaton	KIT4S
123209	Eaton	KIT4SHD
123574	Eaton	E-1816S
123939	Eaton	E-1816SHD
124305	Eaton	E-2121
124670	Eaton	KIT5
125030	Eaton	E-4721
125031	Eaton	E-4720
125034	Eaton	E-2693
125035	Eaton	E-2694
125042	Eaton	E-4723
125043	Eaton	E-4722
125766	Eaton	E-2402HD
126131	Eaton	E-2769S
126131	Eaton	E-4515QN
126861	Eaton	E-3710S
127258	Eaton	E-1357A
127623	Eaton	E-2088A
127808	Bendix	E-2125
127808	Eaton	E-2125
127808	Eaton	E-5501
128353	Eaton	E-2382
128719	Eaton	E-2363
129449	Eaton	E-2469
129814	Eaton	E-2680
130180	Eaton	E-2122
130545	Eaton	E-2090
130910	Eaton	E-5140
131275	Eaton	E-2125
131275	Eaton	E-5501
131520	Eaton	E-596A
163565	HalDEX	E-1212SB300R
165642	HalDEX	E-GC2024
178056	Eaton	E-2478B
178422	Eaton	E-2479B
178787	Eaton	E-2799
179152	Eaton	E-2800
180248	Eaton	E-1147C
180613	Eaton	E-1148C
180978	Eaton	E-1775

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PART NO.	COMPETITOR	EUCLID NO.
181344	Eaton	E-1776
182439	Eaton	E-2786
182805	Eaton	E-2787
183170	Eaton	E-686
183535	Eaton	E-687
183900	Eaton	E-688A
184266	Eaton	E-689A
184631	Eaton	E-2412A
184996	Eaton	E-2413A
185361	Eaton	E-2693
185361	Eaton	E-5494
185727	Eaton	E-2694
185727	Eaton	E-5495
186092	Eaton	E-1393
186457	Eaton	E-1394
186822	Eaton	E-1424A
187188	Eaton	E-1425A
188283	Eaton	E-2449A
188649	Eaton	E-2450A
189014	Eaton	E-684
189379	Eaton	E-685
189744	Eaton	E-1410
190110	Eaton	E-1411
190475	Eaton	E-2492
190840	Eaton	E-2493
191205	Eaton	E-1422
191571	Eaton	E-1423
191936	Eaton	E-1094
191936	Eaton	E-4716
192301	Eaton	E-1095
192301	Eaton	E-4717
193397	Eaton	E-2451A
193762	Eaton	E-2452A
194127	Eaton	E-2796
194493	Eaton	E-2797
194858	Eaton	E-9659
195223	Eaton	E-9660
197049	Eaton	E-2443B
197415	Eaton	E-2444B
197780	Eaton	E-2445B
198145	Eaton	E-2446B
198510	Eaton	E-1563
198876	Eaton	E-1564
199971	Eaton	E-2099
200337	Eaton	E-2100
203106	Standard Forge	E-609
203108	Standard Forge	E-2390

PART NO.	COMPETITOR	EUCLID NO.
203109	Standard Forge	E-1112A
203109	IMT	E-1112A
204105	Standard Forge	E-586
205948	Bendix	E-8896
207100	Standard Forge	E-2399
207100	IMT	E-747
207102	Standard Forge	E-747
208102	Standard Forge	E-1880B
208104	Standard Forge	E-544
208105	Standard Forge	E-1025
208105	Standard Forge	E-2101
208106	Standard Forge	E-2398
208106	Standard Forge	E-5305
208106	Standard Forge	E-757
208106	IMT	E-757
208107	IMT	E-2398
208109	IMT	E-5305
208502	IMT	E-2767
210128	Standard Forge	E-2681A
210128	Standard Forge	E-631
212102	Standard Forge	E-612HD
212111	Standard Forge	E-2091
212116	Standard Forge	E-612HD
212116	IMT	E-612HD
02-2481	Dayton Parts	E-6078
214102	Standard Forge	E-527
214102	IMT	E-527
214103	Standard Forge	E-539
214103	IMT	E-539
214104	IMT	E-1569
214106	Standard Forge	E-538
214107	Standard Forge	E-2392
214107	IMT	E-2392
214108	IMT	E-526
214201	IMT	E-527
219148	Fruehauf	E-656
219156	Fruehauf	E-538
219157	Fruehauf	E-603
219158	Fruehauf	E-656
219160	Fruehauf	E-526
219162	Fruehauf	E-502
219179	Fruehauf	E-564
219292	Fruehauf	E-581
219293	Fruehauf	E-1782
219293	Fruehauf	E-580
219295	Fruehauf	E-1269
219295	Fruehauf	E-1426

PART NO.	COMPETITOR	EUCLID NO.
219295	Fruehauf	E-537
219296	Fruehauf	E-563
219297	Fruehauf	E-579A
219299	Fruehauf	E-2218
219310	Fruehauf	E-1880B
219311	Fruehauf	E-543
219316	Eaton	E-1424A
219316	Fruehauf	E-1425A
219316	Fruehauf	E-557
219317	Fruehauf	E-1424A
219317	Eaton	E-1425A
219317	Fruehauf	E-556
01-2506	Dayton Parts	E-9044
224293	Bendix	E-612HD
225591	Bendix	E-8897
228798	Bendix	E-8898
234099	Bendix	E-8891
234100	Bendix	E-8892
234101	Bendix	E-8894
234189	Bendix	E-8890
234226	Bendix	E-8889
234362	Bendix	E-8895
234433	Bendix	E-8888
236665	MGM Brakes	E-8890
236666	MGM Brakes	E-8891
236667	MGM Brakes	E-8893
236668	MGM Brakes	E-8894
246001	HalDEX	E-8893
246003	HalDEX	E-8892
246004	HalDEX	E-11992
249941	Bendix	E-2162
249942	Bendix	E-2163
249943	Bendix	E-2164
253395	Fruehauf	E-527
254253	Fruehauf	E-579A
271191	Dana	E-2517
271194	Dana	E-1577A
271195	Dana	E-2102
271196	Dana	E-2695
271197	Dana	E-2361
271198	Dana	E-1571
271199	Dana	E-1385
271200	Dana	E-2477B
271203	Spicer	E-3859
278008	Bendix	E-940HD
278016	Bendix	E-940HD
278016	Bendix	E-940HDBK

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PART NO.	COMPETITOR	EUCLID NO.
278045	Bendix	E-612HD
278045	Bendix	E-612HDBK
278084	Bendix	E-2091
278302	Bendix	E-4904S
278302	Bendix	E-4904SBK
278321	Bendix	E-940SBK
278323	Bendix	E-612SBK
278326	Bendix	E-940SBK
278719	Bendix	E-612HD
281231	Dana	E-807
281232	Dana	E-759
281233	Dana	E-5512
281237	Dana	E-1567
281238	Dana	E-2690A
281240	Dana	E-2407
281241	Dana	E-2408
281246	Dana	E-712
281253	Dana	E-1271
281257	Dana	E-661
281260	Dana	E-2551
281263	Dana	E-3447
281267	Dana	E-1272
281267	Spicer	E-1272
281275	Dana	E-2406
281275	Spicer	E-2406
283411	Bendix	E-1574HD
283411	Bendix	E-1574SBK
286740	Bendix	E-2459HD
286965	Bendix	E-2458S
286965	Bendix	E-2458SBK
286965	Bendix	E-612HD
287899	Bendix	E-2459HD
288753	Bendix	E-2459SBK
288795	Bendix	E-12S
288799	Bendix	E-16S
288803	Bendix	E-20S
288808	Bendix	E-24S
288813	Bendix	E-30S
288818	Bendix	E-36S
289305	Bendix	E-6907A
289313	Bendix	E-6925B
289313	Bendix	E-6942
291266	Dana	E-1416A
291270	Dana	E-654
291271	Dana	E-2405
291271	Spicer	E-2405
291281	Dana	E-654

PART NO.	COMPETITOR	EUCLID NO.
291281	Spicer	E-654
291283	Dana	E-3469
291301	Dana	E-526
291303	Dana	E-3234
291303	Spicer	E-3234
291305	Dana	E-910
291305	Spicer	E-910
291307	Dana	E-580
291308	Dana	E-581
291309	Dana	E-564
291312	Dana	E-2411A
291315	Dana	E-910
291320	Dana	E-1781
291321	Dana	E-1782
291322	Dana	E-1565
291327	Dana	E-2411A
291327	Spicer	E-2411A
291330	Dana	E-3476
291333	Dana	E-3472
291333	Spicer	E-3472
291334	Dana	E-3475
291335	Spicer	E-3477
291337	Spicer	E-3473
291338	Dana	E-3471
291338	Spicer	E-3471
291339	Dana	E-3478
291339	Spicer	E-3478
291341	Spicer	E-656
294446	Eaton	E-2551
295269	Eaton	E-2679A
295634	Eaton	E-2526
295999	Eaton	E-3520A
296272	Eaton	E-719
296730	Eaton	E-2087
297095	Eaton	E-2287
297368	Eaton	E-2690A
297733	Eaton	E-2695
298099	Eaton	E-910
298921	Eaton	E-2696A
301368	Dana	E-2477B
301368	Spicer	E-2477B
305680	Fruehauf	E-685
305681	Fruehauf	E-684
306003	HalDEX	E-8894
314146	Eaton	E-10760
314147	Eaton	E-10244
314147	Eaton	E-10244S

PART NO.	COMPETITOR	EUCLID NO.
316331	Bendix	E-1486
316349	Bendix	E-1218
316354	Bendix	E-1216
316355	Bendix	E-1217
316356	Bendix	E-1215
316370	Bendix	E-2162
317071	Bendix	E-1214
317166	Bendix	E-6924B
317166	Eaton	E-6924B
318564	Bendix	E-1230
318658	Bendix	E-1214
318870	Bendix	E-2015
321429	Dana	E-1406
321430	Dana	E-1582
321440	Dana	E-501
321442	Dana	E-596A
321442	Spicer	E-596A
321467	Dana	E-3483
321467	Spicer	E-3483
321468	Dana	E-3482
322854	Bendix	E-2015
324095	Bendix	E-2745
324095	HalDEX	E-2745
324330	Bendix	E-1214
324756	Bendix	E-1218
326514	Spicer	E-11981
330673	Fruehauf	E-512
330733	Fruehauf	E-2177
330733	Fruehauf	E-523
330734	Fruehauf	E-539
331487	Dana	E-11940
331488	Dana	E-11940
331489	Dana	E-11939
341527	Dana	E-2392
341530	Dana	E-3227
341531	Dana	E-1581
341532	Dana	E-3007A
341540	Dana	E-773
341547	Dana	E-5093
341549	Dana	E-3426
341552	Dana	E-3427
351576	Dana	E-537
351577	Dana	E-563
351582	Dana	E-1269
388897	Volvo	E-1880B
400101	Standard Forge	E-773
400103	Standard Forge	E-579A

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PART NO.	COMPETITOR	EUCLID NO.
402101	Standard Forge	E-1107
403101	Standard Forge	E-563
403104	Standard Forge	E-1106
403105	Standard Forge	E-719
403105	IMT	E-719
403107	Standard Forge	E-564
403107	IMT	E-564
403108	Standard Forge	E-656
403112	Standard Forge	E-1408
403147	Standard Forge	E-2391
403147	IMT	E-2391
403149	Standard Forge	E-2409
403150	Standard Forge	E-2404
405101	Standard Forge	E-2218
405106	Standard Forge	E-667
405106	Spicer	E-667
405109	Standard Forge	E-661
405120	IMT	E-807
405123	Standard Forge	E-602
405125	Standard Forge	E-2477B
405125	Standard Forge	E-535
405126	Standard Forge	E-536
405126	Standard Forge	E-5512
405126	Standard Forge	E-661
405128	Standard Forge	E-2102
405128	IMT	E-2102
405129	Standard Forge	E-661
405129	IMT	E-661
405129	Standard Forge	E-759
405131	Standard Forge	E-2389
405131	Standard Forge	E-2399
405133	Standard Forge	E-807
408100	Standard Forge	E-654
408101	Standard Forge	E-1416
408101	IMT	E-1416
408103	Standard Forge	E-654
409100	Standard Forge	E-1269
409100	Standard Forge	E-1426
409100	Standard Forge	E-537
431101	Dayton Parts	E-4311EHDN
437030	Dana	E-2680
437031	Spicer	E-2469
437031	Dana	E-2526
437032	Dana	E-2287
437036	Dana	E-1357A
437038	Dana	E-2122
437039	Dana	E-2090

PART NO.	COMPETITOR	EUCLID NO.
437041	Dana	E-2125
437043	Dana	E-2696A
437044	Dana	E-2088A
437090	Spicer	E-9791
445280	Bendix	E-2552
445342	Bendix	E-2282
0456351	Dayton Parts	E-9736
0456352	Dayton Parts	E-9735
470901	Dayton Parts	E-4709ESN
470902	Dayton Parts	E-4709ES2N
515147	Fruehauf	E-536
515147	Fruehauf	E-5512
515147	Fruehauf	E-661
515148	Fruehauf	E-2477B
515148	Fruehauf	E-535
518401	Eaton	E-8925
519132	Eaton	E-8923
530596	Fruehauf	E-943
543238	Eaton	E-4691
01-3481	Dayton Parts	E-10198
578322	Fruehauf	E-609
580443	Fruehauf	E-1425A
580443	Fruehauf	E-557
580444	Fruehauf	E-1424A
580444	Fruehauf	E-556
583015	Fruehauf	E-747
590665	Navistar	E-9702
590666	Navistar	E-9701
616973	Bendix	E-4890
651992	Eaton	E-2475
651992	Eaton	E-2785
652443	GM	E-538
653087	Eaton	E-2802
653453	Eaton	E-2804
653907	Eaton	E-2820
655429	Eaton	E-4740
655794	Eaton	E-4741
656160	Eaton	E-4886
656525	Eaton	E-4887
657620	Eaton	E-4888
657985	Eaton	E-4889
658049	GM	E-580
658350	Eaton	E-5129
658715	Eaton	E-5130
659081	Eaton	E-5133
659446	Eaton	E-5134
659811	Eaton	E-5131

PART NO.	COMPETITOR	EUCLID NO.
660176	Eaton	E-5132
660542	Eaton	E-5135
660907	Eaton	E-5136
01-3751	Dayton Parts	E-9643
01-3862	Dayton Parts	E-8907
01-3864	Dayton Parts	E-10197
800822	Bendix	E-BC12S
800823	Bendix	E-BC16S
800826	Bendix	E-BC30S
800830	Bendix	E-BC2430C
802986	Bendix	E-BC24S
802990	Bendix	E-BC20S
804017	Eaton	E-3234
806234	Eaton	E-5477
806235	Eaton	E-10197
806380	Bendix	E-5482
806380	Eaton	E-5482
806526	Eaton	E-5492
806527	Eaton	E-5493
806654	Eaton	E-5496
806655	Eaton	E-5497
807286	Eaton	E-2693
807286	Eaton	E-2694
807287	Eaton	E-2694
807304	Eaton	E-4721
807305	Eaton	E-4720
807567	Eaton	E-6958
807858	Eaton	E-9767
807859	Eaton	E-9768
807862	Eaton	E-9771
807863	Eaton	E-9772
807928	Eaton	E-564
807930	Eaton	E-9046
807931	Eaton	E-9043
808058	Eaton	E-5478
808064	Eaton	E-10913
808065	Eaton	E-10914
808068	Eaton	E-10911
808069	Eaton	E-10912
808072	Eaton	E-9767
808073	Eaton	E-9768
808077	Eaton	E-9764
808078	Eaton	E-5494
808078	Eaton	E-9763
808079	Eaton	E-5495
808105	Eaton	E-6956
808113	Eaton	E-6918A

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PART NO.	COMPETITOR	EUCLID NO.
808149	Eaton	E-6918A
808151	Eaton	E-6919A
808152	Eaton	E-6903A
808154	Eaton	E-6928
808160	Eaton	E-6900A
808161	Eaton	E-6923B
808162	Eaton	E-6924B
808163	Eaton	E-6918A
808164	Eaton	E-6906A
808165	Eaton	E-6907A
808166	Eaton	E-6925B
808167	Eaton	E-6933
808168	Eaton	E-6905A
808169	Eaton	E-11403
808169	Eaton	E-11415
808169	Eaton	E-11416
808169	Eaton	E-11902
808169	Eaton	E-6927B
808170	Eaton	E-6946
808171	Eaton	E-11403
808171	Eaton	E-11415
808171	Eaton	E-11416
808171	Eaton	E-11902
808171	Eaton	E-6927B
808172	Eaton	E-6936
808173	Eaton	E-11902
808174	Eaton	E-6942
808175	Eaton	E-11403
808175	Eaton	E-11415
808175	Eaton	E-11416
808175	Eaton	E-6944
808176	Eaton	E-6924B
808177	Eaton	E-6923B
808178	Eaton	E-11403
808178	Eaton	E-11415
808178	Eaton	E-11416
808178	Eaton	E-11902
808178	Eaton	E-6927B
808179	Eaton	E-6925B
808180	Eaton	E-6924B
808181	Eaton	E-6912
808182	Eaton	E-6913
808184	Eaton	E-6902A
808290	Eaton	E-9769
808291	Eaton	E-9770
808294	Eaton	E-16734
808295	Eaton	E-16735

PART NO.	COMPETITOR	EUCLID NO.
808296	Eaton	E-16732
808297	Eaton	E-16733
808330	Eaton	E-5481A
808354	Eaton	E-6936
808362	Eaton	E-6936
808382	Eaton	E-6936
808412	Eaton	E-16742
808413	Eaton	E-16743
808688	Eaton	E-6924B
808708	Eaton	E-5490
808709	Eaton	E-5491
809068	Eaton	E-9047
809507	Eaton	E-920
809512	Eaton	E-747
809513	Eaton	E-2767
809610	Eaton	E-10892
809713	Eaton	E-2807
810025	Eaton	E-9059
810026	Eaton	E-9060
810213	Eaton	E-9048
810292	Eaton	E-8907
810316	Eaton	E-9041
810390	Eaton	E-9044
810392	Eaton	E-9042
810530	Eaton	E-9045
810538	Eaton	E-9057
810539	Eaton	E-9058
811406	Eaton	E-10915
811407	Eaton	E-10916
811608	Eaton	E-16736
811609	Eaton	E-16737
812118	Eaton	E-9052
812992	Eaton	E-9038
813478	Eaton	E-16744
813479	Eaton	E-16745
813480	Eaton	E-9030
813481	Eaton	E-9031
813482	Eaton	E-9032
813483	Eaton	E-9033
813484	Eaton	E-16746
813485	Eaton	E-16747
813486	Eaton	E-9028
813488	Eaton	E-16741
813489	Eaton	E-16740
813494	Eaton	E-9034
813495	Eaton	E-9035
813648	Eaton	E-11403

PART NO.	COMPETITOR	EUCLID NO.
813648	Eaton	E-11415
813648	Eaton	E-11416
813648	Eaton	E-6944
813649	Eaton	E-6942
813650	Eaton	E-6947
813651	Eaton	E-6946
813652	Eaton	E-11902
813653	Eaton	E-6936
813655	Eaton	E-11902
813656	Eaton	E-6928
815626	Eaton	E-9039
815806	Bendix	E-6925B
815810	Eaton	E-6951A
815811	Eaton	E-6918A
815812	Eaton	E-6919A
815813	Eaton	E-6914A
815814	Eaton	E-6900A
815815	Eaton	E-6907A
815816	Eaton	E-6906A
815817	Eaton	E-6902A
815820	Eaton	E-6903A
815821	Eaton	E-6905A
817009	Eaton	E-10761
817017	Eaton	E-9037
817634	Eaton	E-16738
817635	Eaton	E-16739
818278	Eaton	E-10197
818426	Eaton	E-9763
818728	Eaton	E-10197
819725	Eaton	E-10198
820007	Eaton	E-538
820008	Eaton	E-910
820009	Eaton	E-1782
820009	Eaton	E-580
820012	Eaton	E-502
820063	Eaton	E-527
820064	Eaton	E-654
820073	Eaton	E-2107
820074	Eaton	E-2108
820083	Eaton	E-4716
820084	Eaton	E-4717
820087	Eaton	E-4719
820088	Eaton	E-4718
820092	Eaton	E-1403
820095	Eaton	E-526
820102	Eaton	E-1789
820103	Eaton	E-1788

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PART NO.	COMPETITOR	EUCLID NO.
820108	Eaton	E-1788
820110	Eaton	E-1416
820111	Eaton	E-1416A
820112	Eaton	E-712
820114	Eaton	E-3473
820164	Eaton	E-1400
820165	Eaton	E-1406
820182	Eaton	E-1113
820183	Eaton	E-536
820183	Eaton	E-5512
820183	Eaton	E-661
820185	Eaton	E-1385
820196	Eaton	E-1112A
820239	Eaton	E-2492
820240	Eaton	E-2493
820243	Eaton	E-2493
820244	Eaton	E-2492
820244	Eaton	E-2494
820249	Eaton	E-1393
820250	Eaton	E-1394
821233	Eaton	E-1269
821233	Eaton	E-1426
821233	Eaton	E-537
822157	Eaton	E-2493
822158	Eaton	E-2492
823141	Eaton	E-9141
825422	Eaton	E-9059
825424	Eaton	E-9057
827702	Volvo	E-2177
827702	Volvo	E-523
843368	Volvo	E-1148C
843369	Volvo	E-1147C
911000	Wagner	KIT4S
911002	Wagner	E-2121
911003	Wagner	KIT4SHD
911004	Wagner	E-2675HD
911005	Wagner	E-2769S
911007	Wagner	E-2769SHD
911008	Wagner	E-1607HD
911010	Wagner	E-1887ASHD
911011	Wagner	E-1887AHD
911012	Wagner	E-2820
911015	Wagner	E-3710S
911016	Wagner	E-3710SHD
911019	Wagner	E-1816S
911020	Wagner	E-1816SHD
911030	Wagner	E-5139

PART NO.	COMPETITOR	EUCLID NO.
911031	Wagner	E-4691
911032	Wagner	E-3869
912001	Haldex	E-PB0912
0912001	Haldex	E-PB0912
914000	Wagner	E-2177
914002	Wagner	E-3914
914003	Wagner	E-523
914005	Wagner	E-586
914010	Wagner	E-3421A
914012	Wagner	E-2217A
914015	Wagner	E-595
914020	Wagner	E-596A
914023	Wagner	E-512S
914024	Wagner	E-502
914025	Wagner	E-502
914026	Wagner	E-609
914027	Wagner	E-1112A
914029	Wagner	E-3711
914030	Wagner	E-2766S
914032	Wagner	E-3424
914044	Wagner	E-539
914045	Wagner	E-3007A
914047	Wagner	E-3227
914049	Wagner	E-563
914050	Wagner	E-537
914052	Wagner	E-1269
914054	Wagner	E-1113
914063	Wagner	E-920S
914064	Wagner	E-919
914065	Wagner	E-1893S
914090	Wagner	E-747
914100	Wagner	E-1025
914107	Wagner	E-1880S
914108	Wagner	E-544
914109	Wagner	E-3437
914110	Wagner	E-2767
914111	Wagner	E-2768
914112	Wagner	E-5122
914113	Wagner	E-3228
914114	Wagner	E-3490B
914115	Wagner	E-1418
914116	Wagner	E-5123
914119	Wagner	E-1428S
914121	Wagner	E-2785
920000	Wagner	E-2526
920001	Wagner	E-5140
920002	Wagner	E-3446

PART NO.	COMPETITOR	EUCLID NO.
920003	Wagner	E-3468A
920005	Wagner	E-2125
920007	Wagner	E-2089
920008	Wagner	E-2123
920009	Wagner	E-2696A
920010	Wagner	E-2090
920011	Wagner	E-2122
920012	Wagner	E-2680
920013	Wagner	E-2086B
920014	Wagner	E-1357A
920015	Wagner	E-2679A
920016	Wagner	E-3520A
920017	Wagner	E-2382
920018	Wagner	E-3520A
920018	Wagner	E-3989AHD
920019	Wagner	E-2363
920020	Wagner	E-2088A
920021	Wagner	E-3993B
920022	Wagner	E-2087
920023	Wagner	E-2287
920501	Wagner	E-1318A
920510	Wagner	E-4594
921000	Wagner	E-536
921000	Wagner	E-5512
921000	Wagner	E-661
921001	Wagner	E-759
921002	Wagner	E-661
921003	Wagner	E-535
921004	Wagner	E-2102
921005	Wagner	E-2361
921006	Wagner	E-1571
921007	Wagner	E-667
921008	Wagner	E-1577A
921009	Wagner	E-2695
921010	Wagner	E-5127
921011	Wagner	E-3447
921012	Wagner	E-943
921013	Wagner	E-1567
921014	Wagner	E-2690A
921016	Wagner	E-2291
921020	Wagner	E-2670
921026	Wagner	E-1416
921027	Wagner	E-1416A
921028	Wagner	E-2405
921029	Wagner	E-3469
921030	Wagner	E-654
921031	Wagner	E-5128

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PART NO.	COMPETITOR	EUCLID NO.
921040	Wagner	E-1408
921041	Wagner	E-3474
921044	Wagner	E-564
921045	Wagner	E-2411A
921046	Wagner	E-581
921047	Wagner	E-1782
921047	Wagner	E-580
921048	Wagner	E-5137
921049	Wagner	E-5138
921050	Wagner	E-3476
921051	Wagner	E-3475
921052	Wagner	E-3471
921053	Wagner	E-1565
921054	Wagner	E-719
921055	Wagner	E-3473
921056	Wagner	E-656
921057	Wagner	E-1781
921059	Wagner	E-1782
921060	Wagner	E-526
921061	Wagner	E-1569
921062	Wagner	E-910
921063	Wagner	E-3234
924012	Wagner	E-2459SBK
926012	Wagner	E-12S
926016	Wagner	E-16S
926020	Wagner	E-20S
926024	Wagner	E-24S
926030	Wagner	E-30S
926060	Wagner	E-GC3030
926064	Wagner	E-GC2430
926066	Wagner	E-GC2424
926070	Wagner	E-GP3030
926305	Wagner	E-8896
926306	Wagner	E-8897
926307	Wagner	E-8898
928012	Wagner	E-8889
928016	Wagner	E-8890
928020	Wagner	E-8891
928024	Wagner	E-8892
928030	Wagner	E-8894
962001	Haldex	E-8888
966691	Fruehauf	E-3775
966691	Fruehauf	E-886
966692	Fruehauf	E-3775
966692	Fruehauf	E-886
974294	Dana	E-15016
974295	Dana	E-15017

PART NO.	COMPETITOR	EUCLID NO.
974296	Dana	E-15020
974642	Spicer	E-11980
999197	Standard Forge	E-2401
1000035	Eaton	E-536
1000035	Eaton	E-5512
1000035	Eaton	E-661
1000087	Eaton	E-2800
1000088	Eaton	E-2799
1000091	Eaton	E-2804
1000092	Eaton	E-2805
1000382	Eaton	E-2803
1000406	Eaton	E-2475
1000462	Eaton	E-2807
1000463	Eaton	E-2807
1000839	Eaton	E-4888
1000840	Eaton	E-4889
1001238	Eaton	E-1887AHD
1001238	Eaton	E-1887ASHD
1001580	Eaton	E-3523
1001581	Eaton	E-3524
1002248	Eaton	E-2690A
1002254	Eaton	E-3520A
1002262	Eaton	E-2695
1002279	Eaton	E-2405
1003000	Eaton	E-667
1003025	TSE	E-11989
1003817	Eaton	E-1400
1003817	Eaton	E-2785
1003831	Eaton	E-2802
1003832	Eaton	E-2803
1003999	Eaton	E-5122
1005006	Eaton	E-2821
1005202	Eaton	E-5137
1005203	Eaton	E-5138
1005204	Eaton	E-3421A
1005846	Eaton	E-5128
1006500	Eaton	E-5124
1006530	Eaton	E-5127
1006562	Eaton	E-5123
1006726	Eaton	E-5129
1006727	Eaton	E-5130
1006728	Eaton	E-5133
1006729	Eaton	E-5134
1006730	Eaton	E-5060
1006731	Eaton	E-5061
1006864	Eaton	E-5062
1006865	Eaton	E-5063

PART NO.	COMPETITOR	EUCLID NO.
1006866	Eaton	E-5131
1006867	Eaton	E-5132
1006940	Eaton	E-5135
1006941	Eaton	E-5136
1008006	Eaton	E-5066
1008007	Eaton	E-5067
1008047	Eaton	E-1416A
1008220	Eaton	E-5127
1008306	Eaton	E-5139
1008325	Eaton	E-5140
1008347	Eaton	E-2696A
1008412	Eaton	E-2690A
1012001	MGM Brakes	E-12SD300R
1013025	TSE	E-11990
1090339	Volvo	E-15017
1090341	Volvo	E-15028
1090342	Volvo	E-15016
1090344	Volvo	E-15061
1090345	Volvo	E-15062
1091671	Volvo	E-15022
1092020	Volvo	E-15022
01-4903	Dayton Parts	E-9042
1103023	TSE	E-8897
01-5002	Dayton Parts	E-9047
1178010	Haldex	E-2764
1200001	Haldex	E-12S
1200009	Haldex	E-12SD300R
1203023	TSE	E-8898
1212007	Haldex	E-1212SB300R
1212015	Haldex	E-PB1212
1216007	Haldex	E-PB1216
1216007	Haldex	E-1216SB300R
1216012	Haldex	E-PB1216
1262001	Haldex	E-8889
1299001	Haldex	E-9115
1301223	TSE	E-8896
1412001	MGM Brakes	E-12S
1416001	MGM Brakes	E-BC16S
1416001	MGM Brakes	E-16S
1420001	MGM Brakes	E-BC20S
1420001	MGM Brakes	E-20S
1427001	MGM Brakes	E-24S
1427001	MGM Brakes	E-24SL
1430001	MGM Brakes	E-BC30S
1430001	MGM Brakes	E-30S
1436001	MGM Brakes	E-36S
1600001	Haldex	E-16S

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PART NO.	COMPETITOR	EUCLID NO.
1624001	Haldex	E-GP1624
05-6711	Dayton Parts	E-6907A
05-6712	Dayton Parts	E-6906A
05-6771	Dayton Parts	E-6912
05-6772	Dayton Parts	E-6913
2000001	Haldex	E-20S
2009343	GM	E-501
2024003	Haldex	E-GC2024
2064004	Haldex	E-9121
2101124	GM	E-526
2101126	GM	E-564
2212252	MGM Brakes	E-1216SB300R
2277334	GM	E-1781
2291283	Dana	E-3469
2291283	Spicer	E-3469
2295423	GM	E-512
2295551	GM	E-2177
2295551	GM	E-523
2305192	GM	E-535
2309474	GM	E-536
2326940	GM	E-2217A
2326940	GM	E-595
2326941	GM	E-596A
2356111	GM	E-586
2400001	Haldex	E-24S
2400003	Haldex	E-24SL
2424005	Haldex	E-GC2424
2424008	Haldex	E-GC2424L
2424012	Haldex	E-GP2424L
2430019	Haldex	E-GC2430
2430021	Haldex	E-GC2430L
2430027	Haldex	E-GP2430L
2430057	Haldex	E-GP2430XL
2462001	Haldex	E-8893
2462003	Haldex	E-8892
2464004	Haldex	E-11992
2602001	Haldex	E-8891
3000001	Haldex	E-30S
3027001	MGM Brakes	E-GP2430L
3027051	MGM Brakes	E-GC2430L
3030017	Haldex	E-GC3030
3030017	Haldex	E-GC3030P40
3030021	Haldex	E-GP3030
3030054	Haldex	E-GC3030L
3030069	Haldex	E-GP3030K
3036001	Haldex	E-GC3036
3036004	Haldex	E-GP3036

PART NO.	COMPETITOR	EUCLID NO.
3062003	Haldex	E-8894
3064004	Haldex	E-9118
3096038	Haldex	E-11984
3096062	Haldex	E-11985
3120051	MGM Brakes	E-GC2024
3121051	MGM Brakes	E-GC2024
3127001	MGM Brakes	E-GP2424L
3127051	MGM Brakes	E-GC2424L
3128001	MGM Brakes	E-GP2424L
3128051	MGM Brakes	E-GC2424L
3129001	MGM Brakes	E-GP2430L
3129051	MGM Brakes	E-GC2430L
3130001	MGM Brakes	E-GP3030
3130051	MGM Brakes	E-GC3030
3131001	MGM Brakes	E-GP3030
3131051	MGM Brakes	E-GC3030
3136001	MGM Brakes	E-GP2430L
3136051	MGM Brakes	E-GC2430L
3230008	MGM Brakes	E-LPP3030K
3230051	MGM Brakes	E-GC3030L
3427051	MGM Brakes	E-GC2424
3428001	MGM Brakes	E-GP2430L
3428051	MGM Brakes	E-GC2430L
3429001	MGM Brakes	E-GC3030
3429051	MGM Brakes	E-GC2430
3429051	MGM Brakes	E-GC2430L
3430001	MGM Brakes	E-GP3030
3430008	MGM Brakes	E-GP3030K
3430051	MGM Brakes	E-GC3030
3431001	MGM Brakes	E-GP3030
3431051	MGM Brakes	E-GC3030
3432051	MGM Brakes	E-GC3036
3433051	MGM Brakes	E-GC3036
3436051	MGM Brakes	E-GC3636
3437051	MGM Brakes	E-GC3636
3528001	MGM Brakes	E-GP2430L
3528051	MGM Brakes	E-GC2430L
3531001	MGM Brakes	E-GP3030
3531051	MGM Brakes	E-GC3030
3532051	MGM Brakes	E-GC3036
3536051	MGM Brakes	E-GC3636
3600001	Haldex	E-36S
3636001	Haldex	E-GC3636
3662001	Haldex	E-8895
3664003	Haldex	E-9120
3665003	Haldex	E-9131
3696017	Haldex	E-11986

PART NO.	COMPETITOR	EUCLID NO.
3699001	Haldex	E-12743
3772283	GM	E-1337
3772286	GM	E-980
3774253	GM	E-979
3915454	Volvo	E-1887ASHD
3918358	Volvo	E-15016
3918359	Volvo	E-15018
3918361	Volvo	E-15026
3918364	Volvo	E-15061
3918977	Volvo	E-15062
3919764	Volvo	E-15064
3919765	Volvo	E-15063
3936094	Volvo	E-15020
3936096	Volvo	E-15016
3936102	Volvo	E-15062
3936103	Volvo	E-15061
3946255	Volvo	E-6924B
3946257	Volvo	E-6944
3946338	Volvo	E-BC3030C
3947829	Volvo	E-1887ASHD
3947830	Volvo	E-5139
3947831	Volvo	E-3710S
3947832	Volvo	E-3710SHD
3947833	Volvo	E-5481A
3947834	Volvo	E-2769S
3947835	Volvo	E-2769SHD
3947838	Volvo	E-3895S
3947839	Volvo	E-3895SHD
3947840	Volvo	E-3869
3947841	Volvo	E-1816S
3947842	Volvo	E-1816SHD
3947846	Volvo	E-15017
3947847	Volvo	E-15016
3947848	Volvo	E-15020
3948970	Volvo	E-15022
3949413	Volvo	E-15026
3949441	Volvo	E-15018
3949442	Volvo	E-15028
4081101	IMT	E-1416
04562351	Dayton Parts	E-9736
04562352	Dayton Parts	E-9735
04562411	Dayton Parts	E-10910
04562412	Dayton Parts	E-10909
04572041	Dayton Parts	E-2108
04572042	Dayton Parts	E-2107
04861121	Dayton Parts	E-10900
04861122	Dayton Parts	E-10899

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PART NO.	COMPETITOR	EUCLID NO.
04891731	Dayton Parts	E-2442B
04891732	Dayton Parts	E-2441B
04892041	Dayton Parts	E-2444B
04892042	Dayton Parts	E-2443B
04892421	Dayton Parts	E-2446B
04892422	Dayton Parts	E-2445B
04931731	Dayton Parts	E-2442B
04931732	Dayton Parts	E-2441B
04932041	Dayton Parts	E-2444B
04932042	Dayton Parts	E-2443B
04932421	Dayton Parts	E-2446B
04932422	Dayton Parts	E-2445B
5007132	MGM Brakes	E-GC3030
5010414	MGM Brakes	E-GC3030L
5010435	MGM Brakes	E-GC3030L
5501105	Dexter	E-15017
5504004	Dexter	E-15025
08007591	Meritor	E-11646
8017109	MGM Brakes	E-8888
8017112	MGM Brakes	E-8889
8017116	MGM Brakes	E-8890
8017120	MGM Brakes	E-8891
8017130	MGM Brakes	E-8894
8017136	MGM Brakes	E-8895
8017141	MGM Brakes	E-8893
8017241	MGM Brakes	E-8892
8017424	MGM Brakes	E-8893
8017516	MGM Brakes	E-8890
8017520	MGM Brakes	E-8891
8017530	MGM Brakes	E-8894
8060850	Volvo	E-15017
8060851	Volvo	E-15016
8060852	Volvo	E-15022
8060853	Volvo	E-15020
8060858	Volvo	E-15025
8060859	Volvo	E-15024
8060999	Volvo	E-15041
8061000	Volvo	E-15041
8084128	Volvo	E-15017
8084129	Volvo	E-15016
8084131	Volvo	E-15020
8084132	Volvo	E-15025
8084133	Volvo	E-15024
08107500	Dana	E-2403HD
08130122	Dana	E-1357A
08130301	Dana	E-9791HD
08130601	Dana	E-3520A

PART NO.	COMPETITOR	EUCLID NO.
08130605	Dayton Parts	E-3520A
08130610	Dana	E-6078
08130611	Dana	E-9079HD
08130615	Dayton Parts	E-9079
08130800	Dana	E-2089
08132100	Dana	E-2287
08132111	Dana	E-2680
08132300	Dana	E-2469
08132800	Dana	E-9790A
08132803	Dana	E-9790A
08133110	Dayton Parts	E-2090
08135100	Dana	E-2125
08136400	Dana	E-2696A
08203868	Meritor	E-11647
08205373	Meritor	E-11648
08205435	Meritor	E-11649
08205575	Meritor	E-11650
08205740	Meritor	E-11651
08205741	Meritor	E-11652
08205833	Meritor	E-11654
8205879	Meritor	E-11655
8292001	MGM Brakes	E-8897
8292002	MGM Brakes	E-8898
8292003	MGM Brakes	E-8896
8292007	MGM Brakes	E-8899
09001217	Meritor	E-11695-R
09001218	Meritor	E-11695-L
09001254	Meritor	E-11658-R
09001255	Meritor	E-11658-L
09001400	Meritor	E-11721-R
09001401	Meritor	E-11721-L
9001539	Meritor	E-11664-R
9001540	Meritor	E-11664-L
09001555	Meritor	E-11665-R
09001556	Meritor	E-11665-L
09001614	Meritor	E-11666-R
09001615	Meritor	E-11666-L
09001650	Meritor	E-11667-R
09001651	Meritor	E-11667-L
09001652	Meritor	E-11668-R
09001653	Meritor	E-11668-L
9001669	Meritor	E-11696-L
09001727	Meritor	E-11701
09001728	Meritor	E-11702
09001763	Meritor	E-11669-R
09001764	Meritor	E-11669-L
09001811	Meritor	E-11703

PART NO.	COMPETITOR	EUCLID NO.
09001825	Meritor	E-11704
09001826	Meritor	E-11705
09001827	Meritor	E-11722-R
09001828	Meritor	E-11722-L
09001853	Meritor	E-11706
09001855	Meritor	E-11707
9001910	Meritor	E-11672-R
9001911	Meritor	E-11672-L
9001914	Meritor	E-11692
09001925	Meritor	E-11697-R
09001926	Meritor	E-11697-L
09001958	Meritor	E-11708
09001962	Meritor	E-11693
9001964	Meritor	E-11709
09001965	Meritor	E-11673-R
09001966	Meritor	E-11673-L
09001982	Meritor	E-11674-R
09001983	Meritor	E-11674-L
09001984	Meritor	E-11675-R
09001985	Meritor	E-11675-L
9001988	Meritor	E-11710
9001989	Meritor	E-9837
09001990	Meritor	E-11712
9001991	Meritor	E-11676-R
9001992	Meritor	E-11676-L
09001995	Meritor	E-11677-R
09001996	Meritor	E-11677-L
09001997	Meritor	E-11659-R
09001998	Meritor	E-11659-L
9001999	Meritor	E-11699-R
09002000	Meritor	E-11699-L
09002001	Meritor	E-11713
09002002	Meritor	E-11714
9002003	Meritor	E-11715
09002004	Meritor	E-11716
09002005	Meritor	E-11717
09002013	Meritor	E-11718
09002021	Meritor	E-11684-R
09002022	Meritor	E-11684-L
09002023	Meritor	E-11685-R
09002024	Meritor	E-11685-L
09002025	Meritor	E-11686-R
09002026	Meritor	E-11686-L
09002027	Meritor	E-11687-R
09002028	Meritor	E-11687-L
9002047	Meritor	E-11660-R
09002048	Meritor	E-11660-L

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PART NO.	COMPETITOR	EUCLID NO.
9002049	Meritor	E-11661-R
9002050	Meritor	E-11661-L
09002073	Meritor	E-11724
09002082	Meritor	E-11723-R
09002083	Meritor	E-11723-L
09002085	Meritor	E-11678-R
09002086	Meritor	E-11678-L
09002140	Meritor	E-11725
09002184	Meritor	E-11719
09002204	Meritor	E-11682-R
09002205	Meritor	E-11682-L
09002210	Meritor	E-11681-R
09002211	Meritor	E-11681-L
09869701	Meritor	E-11680-R
09869702	Meritor	E-11680-L
9965003	Haldex	E-9130
9999036	Haldex	E-11988
9999039	Haldex	E-9112
9999044	Haldex	E-8897
9999045	Haldex	E-8899
9999046	Haldex	E-8898
9999048	Haldex	E-12S
9999048	Haldex	E-8896
9999060	Haldex	E-2764
9999087	Haldex	E-11989
9999089	Haldex	E-11990
9999116	Haldex	E-11991
9999143	Haldex	E-2144
10211112	Bendix	E-6923B
10211112	Bendix	E-6936
10211516	Bendix	E-6924B
10211718	Bendix	E-11415
10211718	Bendix	E-11902
10211718	Bendix	E-6927B
10600055	Wabash	E-15025
10600059	Wabash	E-15033
20434458	Volvo	E-15026
20527305	Volvo	E-15016
20527306	Volvo	E-15053
20527307	Mack	E-15055
20527307	Volvo	E-15055
20714924	Mack	E-15056
20714924	Volvo	E-15056
20714928	Volvo	E-15052
28931213	Bendix	E-6925B
28931213	Bendix	E-6942
28931415	Bendix	E-11403

PART NO.	COMPETITOR	EUCLID NO.
28931415	Bendix	E-11902
28931415	Bendix	E-6927B
28931415	Bendix	E-6944
28965455	Bendix	E-6924B
28974142	Bendix	E-6923B
28974142	Bendix	E-6936
28974849	Bendix	E-6924B
40010009	Haldex	E-6912
40010304	Haldex	E-6932
40910654	Haldex	E-6932
40932422	Dana	E-5510
41420601	Wabash	E-6900A
41420602	Wabash	E-6907A
41420603	Wabash	E-6906A
41420604	Wabash	E-6902A
41420612	Wabash	E-6942
41420614	Wabash	E-6946
41420616	Wabash	E-6936
41420626	Wabash	E-6928
41420683	Wabash	E-6944
41421106	Wabash	E-6991B
41421109	Wabash	E-6993B
41421113	Wabash	E-6995B
41421147	Wabash	E-1147C
41421148	Wabash	E-1148C
41421422	Wabash	E-1422
41421423	Wabash	E-1423
41421684	Wabash	E-684
41421685	Wabash	E-685
41421773	Wabash	E-1773C
41421774	Wabash	E-1774C
41421775	Wabash	E-1775
41421776	Wabash	E-1776
41422008	Wabash	E-1424A
41422009	Wabash	E-1425A
41422010	Wabash	E-2108
41422011	Wabash	E-2107
41422026	Wabash	E-1094
41422027	Wabash	E-1095
41422156	Wabash	E-2694
41422157	Wabash	E-2693
41422916	Wabash	E-2442B
41422917	Wabash	E-2441B
41422920	Wabash	E-2446B
41422921	Wabash	E-2445B
41422970	Wabash	E-1564
41422971	Wabash	E-1563

PART NO.	COMPETITOR	EUCLID NO.
41422974	Wabash	E-2100
41422975	Wabash	E-2099
41423349	Wabash	E-9659
41423350	Wabash	E-9660
41423351	Wabash	E-9661
41423352	Wabash	E-9662
41423854	Wabash	E-3854
41423855	Wabash	E-3855
41423856	Wabash	E-3856
41423857	Wabash	E-3857
41424720	Wabash	E-4720
41424721	Wabash	E-4721
41424728	Wabash	E-9670
41424729	Wabash	E-9669
41424730	Wabash	E-9672
41424731	Wabash	E-9671
41424884	Wabash	E-4884
41424885	Wabash	E-4885
41425526	Wabash	E-5526
41425527	Wabash	E-5527
41426081	Wabash	E-5510
41426082	Wabash	E-5511
41426866	Wabash	E-5507
41426867	Wabash	E-5506
41426868	Wabash	E-5511
41426869	Wabash	E-5510
41426870	Wabash	E-5509
41426871	Wabash	E-5508
41426884	Wabash	E-6884
41426885	Wabash	E-6884
52000001	Haldex	E-20S
52400001	Haldex	E-24S
52424005	Haldex	E-GC2424
52424011	Haldex	E-GP2424L
52430019	Haldex	E-GC2430
53000001	Haldex	E-30S
53030017	Haldex	E-GC3030
53030021	Haldex	E-GP3030
53036001	Haldex	E-GC3036
53636001	Haldex	E-GC3636
85111963	Mack	E-11554
85112677	Mack	E-11555
102102002	IMT	E-864
203100002	Standard Forge	E-502
203108001	IMT	E-2390
203113001	IMT	E-5304
204101001	IMT	E-2177

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PART NO.	COMPETITOR	EUCLID NO.
204102001	IMT	E-586
204108001	IMT	E-2395
205107001	IMT	E-2396
209108001	IMT	E-2365
209999018	IMT	E-2104
209999019	IMT	E-2103
211102001	IMT	E-3775
764010100	Volvo	E-15025
764010103	Volvo	E-15017
764010110	Volvo	E-15024
764010111	Volvo	E-15020
764010134	Volvo	E-15016
764010149	Volvo	E-15022
764013505	Freightliner	E-15016
764013506	Freightliner	E-15017
764013508	Freightliner	E-15024
764013509	Freightliner	E-15025
764013510	Freightliner	E-15026
764013526	Freightliner	E-15040
764013805	Volvo	E-15016
764013806	Volvo	E-15026
764030003	Volvo	E-15061
764030004	Volvo	E-15062
999195236	IMT	E-4738A
3012509254	Haldex	E-11985
3820002201	Navistar	E-15025
3820002203	Navistar	E-15024
6814100849	Freightliner	E-15022
6814200849	Freightliner	E-15022
6814201949	Freightliner	E-15026
6814202049	Freightliner	E-15041
6814202149	Freightliner	E-15041
6814205538	Freightliner	E-15020
6814205539	Freightliner	E-15020
6814205638	Freightliner	E-15024
6814205738	Freightliner	E-15016
6814230050	Freightliner	E-15061
30125009504	Haldex	E-11985
2.797E+112	Meritor	E-8894
M2548	Budd	E-807
00P	HDATP	E-536
01-130	Dayton Parts	E-1581
01-200	Dayton Parts	E-523
01-202	Dayton Parts	E-586
01-204	Dayton Parts	E-5089
01-215	Dayton Parts	E-2802
01-217	Dayton Parts	E-595

PART NO.	COMPETITOR	EUCLID NO.
01-223	Dayton Parts	E-2395
01-225	Dayton Parts	E-1406
01-227	Dayton Parts	E-1582
01-234	Dayton Parts	E-2177
01-236	Dayton Parts	E-3511
01-237	Dayton Parts	E-3421A
01-238	Dayton Parts	E-3483
01-240	Dayton Parts	E-947
01-243	Dayton Parts	E-714
01-244	Dayton Parts	E-3421A
01-247	Dayton Parts	E-5477
01-250	Dayton Parts	E-501
01-262	Dayton Parts	E-596A
01-263	Dayton Parts	E-2396
01-264	Dayton Parts	E-2803
01-271	Dayton Parts	E-3482
01-294	Dayton Parts	E-5478
01-300	Dayton Parts	E-539
01-301	Dayton Parts	E-527
01-302	Dayton Parts	E-773
01-303	Dayton Parts	E-9045
01-305	Dayton Parts	E-5305
01-310	Dayton Parts	E-1581
01-311	Dayton Parts	E-3227
01-313	Dayton Parts	E-3007A
01-314	Dayton Parts	E-3513
01-318	Dayton Parts	E-2399
01-320	Dayton Parts	E-747
01-322	Dayton Parts	E-1880B
01-323	Dayton Parts	E-543
01-331	Dayton Parts	E-2398
01-335	Dayton Parts	E-752
01-339	Dayton Parts	E-757
01-343	Dayton Parts	E-980
01-345	Dayton Parts	E-1400
01-348	Dayton Parts	E-1418
01-349	Dayton Parts	E-1428A
01-350	Dayton Parts	E-1583
01-355	Dayton Parts	E-544
01-356	Dayton Parts	E-2785
01-357	Dayton Parts	E-5122
01-358	Dayton Parts	E-5123
01-360	Dayton Parts	E-2804
01-361	Dayton Parts	E-2805
01-362	Dayton Parts	E-2475
01-363	Dayton Parts	E-3872
01-364	Dayton Parts	E-2101

PART NO.	COMPETITOR	EUCLID NO.
01-369	Dayton Parts	E-2768
01-370	Dayton Parts	E-2767
01-370	Dayton Parts	E-2767BK
01-371	Dayton Parts	E-3512
01-372	Dayton Parts	E-9069
01-374	Dayton Parts	E-3437
01-376	Dayton Parts	E-979
01-377	Dayton Parts	E-2770
01-378	Dayton Parts	E-3481A
01-379	Dayton Parts	E-3490B
01-381	Dayton Parts	E-5088
01-384	Dayton Parts	E-7238
01-390	Dayton Parts	E-4800
01-392	Dayton Parts	E-2724
01-392	Dayton Parts	E-2725
01-393	Dayton Parts	E-5124
01-400	Dayton Parts	E-609
01-401	Dayton Parts	E-1112A
01-413	Dayton Parts	E-2414
01-417	Dayton Parts	E-2390
01-420	Dayton Parts	E-1337
01-424	Dayton Parts	E-502
01-431	Dayton Parts	E-2029
01-432	Dayton Parts	E-1403
01-434	Dayton Parts	E-2766S
01-437	Dayton Parts	E-3424
01-440	Dayton Parts	E-512
01-447	Dayton Parts	E-5304
01-448	Dayton Parts	E-3711
01-451	Dayton Parts	E-3870
01-453	Dayton Parts	E-9061
01-460	Dayton Parts	E-537
01-462	Dayton Parts	E-1269
01-462	Dayton Parts	E-563
01-470	Dayton Parts	E-563
01-472	Dayton Parts	E-1113
01-473	Dayton Parts	E-2391
01-475	Dayton Parts	E-3427
01-477	Dayton Parts	E-3874
01-478	Dayton Parts	E-3871
01-487	Dayton Parts	E-3426
01-488	Dayton Parts	E-2401
01-489	Dayton Parts	E-2392
01-490	Dayton Parts	E-579A
01-492	Dayton Parts	E-5093
01-493	Dayton Parts	E-1106
01-497	Dayton Parts	E-1107

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PART NO.	COMPETITOR	EUCLID NO.
01-499	Dayton Parts	E-2723
01-509	Dayton Parts	E-2218
01P	HDATP	E-661
02-125	Dayton Parts	E-1108
02-201	Dayton Parts	E-943
02-202	Dayton Parts	E-536
02-203	Dayton Parts	E-759
02-204	Dayton Parts	E-807
02-205	Dayton Parts	E-712
02-206	Dayton Parts	E-667
02-207	Dayton Parts	E-662
02-210	Dayton Parts	E-5512
02-211	Dayton Parts	E-667
02-216	Dayton Parts	E-920
02-217	Dayton Parts	E-919
02-218	Dayton Parts	E-2291
02-219	Dayton Parts	E-1893
02-220	Dayton Parts	E-1567
02-2201HD	Dayton Parts	E-1567
02-224	Dayton Parts	E-2690A
02-225	Dayton Parts	E-5127
02-230	Dayton Parts	E-2380
02-231	Dayton Parts	E-1271
02-232	Dayton Parts	E-2551
02-233	Dayton Parts	E-3447
02-235	Dayton Parts	E-2389
02-240	Dayton Parts	E-2670
02-241	Dayton Parts	E-2407
02-242	Dayton Parts	E-2408
02-244	Dayton Parts	E-3877
02-246	Dayton Parts	E-6080
02-248	Dayton Parts	E-6076
02-256	Dayton Parts	E-9789
02-257	Dayton Parts	E-11449
02-300	Dayton Parts	E-654
02-304	Dayton Parts	E-1416A
02-306	Dayton Parts	E-1272
02-309	Dayton Parts	E-2406
02-312	Dayton Parts	E-1416
02-313	Dayton Parts	E-2405
02-315	Dayton Parts	E-5128
02-316	Dayton Parts	E-3469
02-317	Dayton Parts	E-2717
02-318	Dayton Parts	E-3878
02-326	Dayton Parts	E-3859
02-329	Dayton Parts	E-3859
02-362	Dayton Parts	E-10761

PART NO.	COMPETITOR	EUCLID NO.
02-400	Dayton Parts	E-864
02-507	Dayton Parts	E-886
02-515	Dayton Parts	E-9095A
02P	HDATP	E-759
03-114	Dayton Parts	E-2104
03-1141	Dayton Parts	E-9788A
03-1142	Dayton Parts	E-9787A
03-115	Dayton Parts	E-2103
03-119	Dayton Parts	E-2365
03-130	Dayton Parts	E-2477B
031451HD	Dayton Parts	E-11897
03-146	Dayton Parts	E-4737A
03-147	Dayton Parts	E-4738A
03-148	Dayton Parts	E-9590
03-149	Dayton Parts	E-9591
03-150	Dayton Parts	E-9592
03-151	Dayton Parts	E-9593
03-154	Dayton Parts	E-9596
03-155	Dayton Parts	E-9597
03-160	Dayton Parts	E-4934A
03-161	Dayton Parts	E-5241A
03-162	Dayton Parts	E-5240A
03-168	Dayton Parts	E-4739
03-170	Dayton Parts	E-8906
03-180	Dayton Parts	E-5243A
03-181	Dayton Parts	E-5244A
03-182	Dayton Parts	E-5242A
03-183	Dayton Parts	E-9601
03-184	Dayton Parts	E-9602
03-200	Dayton Parts	E-535
03-201	Dayton Parts	E-661
03-202	Dayton Parts	E-1385
03-203	Dayton Parts	E-602
03-206	Dayton Parts	E-1571
03-207	Dayton Parts	E-1577A
03-208	Dayton Parts	E-2102
03-209	Dayton Parts	E-1318A
03-210	Dayton Parts	E-2517
03-212	Dayton Parts	E-2361
03-213	Dayton Parts	E-1314
03-214	Dayton Parts	E-2695
03-260	Dayton Parts	E-2477B
03-261	Dayton Parts	E-1319A
03-272	Dayton Parts	E-4587
03-273	Dayton Parts	E-4586
034-188-00	Dexter	E-10921
034-188-01	Dexter	E-10917

PART NO.	COMPETITOR	EUCLID NO.
034-188-03	Dexter	E-10923
034-188-04	Dexter	E-10919
034-188-05	Dexter	E-10925
034-188-09	Dexter	E-10929
034-188-11	Dexter	E-10927
034-189-00	Dexter	E-10922
034-189-01	Dexter	E-10918
034-189-03	Dexter	E-10924
034-189-04	Dexter	E-10920
034-189-05	Dexter	E-10926
034-189-09	Dexter	E-10930
034-189-11	Dexter	E-10928
03P	HDATP	E-535
04-150811	Dayton Parts	E-5130
04-150812	Dayton Parts	E-5129
04-150861	Dayton Parts	E-5061
04-150862	Dayton Parts	E-5060
04-150911	Dayton Parts	E-5067
04-150912	Dayton Parts	E-5066
04-150931	Dayton Parts	E-5132
04-150932	Dayton Parts	E-5131
04-150961	Dayton Parts	E-5134
04-150962	Dayton Parts	E-5133
04-151001	Dayton Parts	E-5136
04-151002	Dayton Parts	E-5135
04-151111	Dayton Parts	E-5063
04-151112	Dayton Parts	E-5062
04-160812	Dayton Parts	E-9028
04-160831	Dayton Parts	E-16745
04-160832	Dayton Parts	E-16744
04-160861	Dayton Parts	E-16740
04-160862	Dayton Parts	E-16741
04-160931	Dayton Parts	E-9031
04-160932	Dayton Parts	E-9030
04-160961	Dayton Parts	E-9033
04-160962	Dayton Parts	E-9032
04-161001	Dayton Parts	E-9035
04-161002	Dayton Parts	E-9034
04-161111	Dayton Parts	E-16747
04-161112	Dayton Parts	E-16746
04-200771	Dayton Parts	E-9694
04-200772	Dayton Parts	E-9693
04-200811	Dayton Parts	E-9696
04-200812	Dayton Parts	E-9695
04-200851	Dayton Parts	E-9698
04-200852	Dayton Parts	E-9697
04-200931	Dayton Parts	E-9700

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PART NO.	COMPETITOR	EUCLID NO.
04-200932	Dayton Parts	E-9699
04-200961	Dayton Parts	E-9702
04-200962	Dayton Parts	E-9701
04-210851	Dayton Parts	E-9708
04-210852	Dayton Parts	E-9707
04-210931	Dayton Parts	E-5530
04-210932	Dayton Parts	E-5529
04-210961	Dayton Parts	E-9712
04-210962	Dayton Parts	E-9711
04-230941	Dayton Parts	E-9716
04-230942	Dayton Parts	E-9715
04-231011	Dayton Parts	E-9718
04-231012	Dayton Parts	E-9717
04-260931	Dayton Parts	E-9065
04-260931	Dayton Parts	E-9066
04-260932	Dayton Parts	E-9065
04-260951	Dayton Parts	E-9068A
04-260952	Dayton Parts	E-9067A
04-300	Dayton Parts	E-656
04-301	Dayton Parts	E-581
04-302	Dayton Parts	E-580
04-303	Dayton Parts	E-719
04-304	Dayton Parts	E-1565
04-306	Dayton Parts	E-1408
04-307	Dayton Parts	E-1782
04-308	Dayton Parts	E-1781
04-310	Dayton Parts	E-526
04-314	Dayton Parts	E-910
04-315	Dayton Parts	E-1569
04-318	Dayton Parts	E-4736
04-319	Dayton Parts	E-3234
04-321	Dayton Parts	E-6077
04-322	Dayton Parts	E-3479
04-327	Dayton Parts	E-2404
04-328	Dayton Parts	E-2409
04-329	Dayton Parts	E-10800
04-333	Dayton Parts	E-9072
04-334	Dayton Parts	E-3478
04-338	Dayton Parts	E-9071
04-339	Dayton Parts	E-3473
04-340	Dayton Parts	E-3471
04-341	Dayton Parts	E-3472
04-345	Dayton Parts	E-3475
04-346	Dayton Parts	E-3474
04-347	Dayton Parts	E-3476
04-350	Dayton Parts	E-5137
04-351	Dayton Parts	E-5138

PART NO.	COMPETITOR	EUCLID NO.
04-356	Dayton Parts	E-9076
04-357	Dayton Parts	E-5482
04-358	Dayton Parts	E-2411A
04-359	Dayton Parts	E-9073
04-361	Dayton Parts	E-9074
04-362	Dayton Parts	E-9075
04-363	Dayton Parts	E-9077
04-370861	Dayton Parts	E-2799
04-370862	Dayton Parts	E-2800
04-371021	Dayton Parts	E-9764
04-371022	Dayton Parts	E-9763
04-371051	Dayton Parts	E-4887
04-371052	Dayton Parts	E-4886
04-371121	Dayton Parts	E-9766
04-371122	Dayton Parts	E-9765
04-371151	Dayton Parts	E-1775
04-371152	Dayton Parts	E-1776
04-371251	Dayton Parts	E-2786
04-371252	Dayton Parts	E-2787
04-371311	Dayton Parts	E-4889
04-371312	Dayton Parts	E-4888
04-371351	Dayton Parts	E-4741
04-371352	Dayton Parts	E-4740
04-371431	Dayton Parts	E-3524
04-371432	Dayton Parts	E-3523
04-371511	Dayton Parts	E-9056
04-371512	Dayton Parts	E-9055
04-377	Dayton Parts	E-5095
04-390861	Dayton Parts	E-5491
04-390862	Dayton Parts	E-5490
04-391051	Dayton Parts	E-9768
04-391052	Dayton Parts	E-9767
04-391121	Dayton Parts	E-16735
04-391122	Dayton Parts	E-16734
04-391161	Dayton Parts	E-5493
04-391162	Dayton Parts	E-5492
04-391251	Dayton Parts	E-9770
04-391252	Dayton Parts	E-9769
04-391311	Dayton Parts	E-16733
04-391312	Dayton Parts	E-16732
04-391331	Dayton Parts	E-16743
04-391332	Dayton Parts	E-16742
04-391351	Dayton Parts	E-10912
04-391352	Dayton Parts	E-10911
04-391441	Dayton Parts	E-9772
04-391442	Dayton Parts	E-9771
04-450811	Dayton Parts	E-4706B

PART NO.	COMPETITOR	EUCLID NO.
04-450812	Dayton Parts	E-4707B
04-450821	Dayton Parts	E-5056
04-450822	Dayton Parts	E-5057
04-450861	Dayton Parts	E-2478B
04-450862	Dayton Parts	E-2479B
04-450921	Dayton Parts	E-9688A
04-450922	Dayton Parts	E-9687A
04-451031	Dayton Parts	E-1788
04-451032	Dayton Parts	E-1789
04-451051	Dayton Parts	E-2700B
04-451052	Dayton Parts	E-2701B
04-451121	Dayton Parts	E-1773C
04-451122	Dayton Parts	E-1774C
04-451221	Dayton Parts	E-2714A
04-451222	Dayton Parts	E-2715A
04-451501	Dayton Parts	E-9692A
04-451502	Dayton Parts	E-9691A
04-451561	Dayton Parts	E-4710B
04-451562	Dayton Parts	E-4711B
04-461031	Dayton Parts	E-11536
04-461032	Dayton Parts	E-11537
04-461511	Dayton Parts	E-11578
04-461512	Dayton Parts	E-11579
04-480771	Dayton Parts	E-9646
04-480772	Dayton Parts	E-9645
04-480821	Dayton Parts	E-9648
04-480822	Dayton Parts	E-9647
04-480832	Dayton Parts	E-11517
04-480841	Dayton Parts	E-9650
04-480842	Dayton Parts	E-9649
04-480861	Dayton Parts	E-9650
04-480862	Dayton Parts	E-9649
04-480921	Dayton Parts	E-9652
04-480922	Dayton Parts	E-9651
04-480951	Dayton Parts	E-9654
04-480952	Dayton Parts	E-9653
04-481031	Dayton Parts	E-5505A
04-481032	Dayton Parts	E-5504A
04-481041	Dayton Parts	E-9656
04-481042	Dayton Parts	E-9655
04-481051	Dayton Parts	E-11540
04-481052	Dayton Parts	E-11541
04-481111	Dayton Parts	E-9658
04-481112	Dayton Parts	E-9657
04-481121	Dayton Parts	E-9660
04-481122	Dayton Parts	E-9659
04-481151	Dayton Parts	E-9662

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PART NO.	COMPETITOR	EUCLID NO.
04-481152	Dayton Parts	E-9661
04-481171	Dayton Parts	E-9664
04-481172	Dayton Parts	E-9663
04-481211	Dayton Parts	E-9666
04-481212	Dayton Parts	E-9665
04-481251	Dayton Parts	E-9668
04-481252	Dayton Parts	E-9667
04-481311	Dayton Parts	E-9670
04-481312	Dayton Parts	E-9669
04-481331	Dayton Parts	E-9672
04-481332	Dayton Parts	E-9671
04-481341	Dayton Parts	E-9674A
04-481342	Dayton Parts	E-9673A
04-481421	Dayton Parts	E-9676
04-481422	Dayton Parts	E-9675
04-481461	Dayton Parts	E-9678
04-481462	Dayton Parts	E-9677
04-481471	Dayton Parts	E-9680
04-481472	Dayton Parts	E-9679
04-481531	Dayton Parts	E-9682
04-481532	Dayton Parts	E-9681
04-481571	Dayton Parts	E-9684
04-481572	Dayton Parts	E-9683
04-481602	Dayton Parts	E-11585
04-561741	Dayton Parts	E-9732
04-561742	Dayton Parts	E-9731
04-562041	Dayton Parts	E-9734
04-562042	Dayton Parts	E-9733
04-562301	Dayton Parts	E-11859
04-562302	Dayton Parts	E-11858
04-562631	Dayton Parts	E-11861
04-562632	Dayton Parts	E-11860
04-562701	Dayton Parts	E-9738
04-562702	Dayton Parts	E-9737
04-571631	Dayton Parts	E-4712
04-571632	Dayton Parts	E-4713
04-571651	Dayton Parts	E-686
04-571652	Dayton Parts	E-687
04-571741	Dayton Parts	E-2794
04-571742	Dayton Parts	E-2795
04-571841	Dayton Parts	E-688
04-571841	Dayton Parts	E-688A
04-571842	Dayton Parts	E-689
04-571842	Dayton Parts	E-689A
04-571861	Dayton Parts	E-2412
04-571861	Dayton Parts	E-2412A
04-571862	Dayton Parts	E-2413

PART NO.	COMPETITOR	EUCLID NO.
04-571862	Dayton Parts	E-2413A
04-572111	Dayton Parts	E-684
04-572112	Dayton Parts	E-685
04-572241	Dayton Parts	E-9090
04-572242	Dayton Parts	E-9089
04-572301	Dayton Parts	E-4885
04-572302	Dayton Parts	E-4884
04-572351	Dayton Parts	E-1094
04-572352	Dayton Parts	E-1095
04-572411	Dayton Parts	E-4716
04-572412	Dayton Parts	E-4717
04-572441	Dayton Parts	E-2796
04-572442	Dayton Parts	E-2797
04-572631	Dayton Parts	E-7218
04-572632	Dayton Parts	E-7217
04-572651	Dayton Parts	E-7220
04-572652	Dayton Parts	E-7219
04-581741	Dayton Parts	E-9726
04-581742	Dayton Parts	E-9725
04-582041	Dayton Parts	E-3855
04-582042	Dayton Parts	E-3854
04-582271	Dayton Parts	E-6885
04-582272	Dayton Parts	E-6884
04-582351	Dayton Parts	E-3857
04-582352	Dayton Parts	E-3856
04-582411	Dayton Parts	E-5517
04-582412	Dayton Parts	E-5516
04-591951	Dayton Parts	E-9740
04-591952	Dayton Parts	E-9739
04-592041	Dayton Parts	E-5519
04-592042	Dayton Parts	E-5518
04-592301	Dayton Parts	E-6102
04-592302	Dayton Parts	E-6101
04-592351	Dayton Parts	E-5521
04-592352	Dayton Parts	E-5520
04-592411	Dayton Parts	E-9728
04-592412	Dayton Parts	E-9727
04-592441	Dayton Parts	E-6104
04-592442	Dayton Parts	E-6103
04-592631	Dayton Parts	E-9742
04-592632	Dayton Parts	E-9741
04-601721	Dayton Parts	E-9097
04-601722	Dayton Parts	E-9096
04-601741	Dayton Parts	E-5523
04-601742	Dayton Parts	E-5522
04-602041	Dayton Parts	E-5525
04-602042	Dayton Parts	E-5524

PART NO.	COMPETITOR	EUCLID NO.
04-602301	Dayton Parts	E-9099
04-602302	Dayton Parts	E-9098
04-602351	Dayton Parts	E-5527
04-602352	Dayton Parts	E-5526
04-602411	Dayton Parts	E-9101
04-602412	Dayton Parts	E-9100
04-602701	Dayton Parts	E-9730
04-602702	Dayton Parts	E-9729
04-611901	Dayton Parts	E-9744
04-611902	Dayton Parts	E-9743
04-612121	Dayton Parts	E-1410
04-612122	Dayton Parts	E-1411
04-612211	Dayton Parts	E-9746
04-612212	Dayton Parts	E-9745
04-612321	Dayton Parts	E-1422
04-612322	Dayton Parts	E-1423
04-612401	Dayton Parts	E-1420
04-612402	Dayton Parts	E-1421
04-612461	Dayton Parts	E-2792
04-612462	Dayton Parts	E-2793
04-612651	Dayton Parts	E-9748
04-612652	Dayton Parts	E-9747
04-631621	Dayton Parts	E-9264
04-631622	Dayton Parts	E-9263
04-631742	Dayton Parts	E-9751
04-631901	Dayton Parts	E-9266
04-631902	Dayton Parts	E-9265
04-632051	Dayton Parts	E-9268
04-632052	Dayton Parts	E-9267
04-632131	Dayton Parts	E-9270
04-632132	Dayton Parts	E-9269
04-632211	Dayton Parts	E-9272
04-632212	Dayton Parts	E-9271
04-632321	Dayton Parts	E-9274
04-632322	Dayton Parts	E-9273
04-632351	Dayton Parts	E-9276
04-632352	Dayton Parts	E-9275
04-632401	Dayton Parts	E-9278
04-632402	Dayton Parts	E-9277
04-632631	Dayton Parts	E-9280
04-632632	Dayton Parts	E-9279
04-642131	Dayton Parts	E-9756
04-642132	Dayton Parts	E-9755
04-642211	Dayton Parts	E-9758
04-642212	Dayton Parts	E-9757
04-642321	Dayton Parts	E-9760
04-642322	Dayton Parts	E-9759

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PART NO.	COMPETITOR	EUCLID NO.
04-672231	Dayton Parts	E-10924
04-672232	Dayton Parts	E-10923
04-672341	Dayton Parts	E-10926
04-672342	Dayton Parts	E-10925
04-711951	Dayton Parts	E-2694
04-711952	Dayton Parts	E-2693
04-712371	Dayton Parts	E-4720
04-712372	Dayton Parts	E-4721
04-722022	Dayton Parts	E-4723
04-731941	Dayton Parts	E-5495
04-731942	Dayton Parts	E-5494
04-732361	Dayton Parts	E-5497
04-732362	Dayton Parts	E-5496
04-741941	Dayton Parts	E-9058
04-741942	Dayton Parts	E-9057
04-742361	Dayton Parts	E-9060
04-742362	Dayton Parts	E-9059
04-772041	Dayton Parts	E-2108
04-772042	Dayton Parts	E-2107
04-782031	Dayton Parts	E-1393
04-782032	Dayton Parts	E-1394
04-782231	Dayton Parts	E-2492
04-782232	Dayton Parts	E-2493
04-811621	Dayton Parts	E-1564
04-811622	Dayton Parts	E-1563
04-812121	Dayton Parts	E-2100
04-812122	Dayton Parts	E-2099
04-812401	Dayton Parts	E-3862
04-812402	Dayton Parts	E-3861
04-821621	Dayton Parts	E-9762
04-821622	Dayton Parts	E-9761
04-832121	Dayton Parts	E-4891
04-832122	Dayton Parts	E-4890
04-851121	Dayton Parts	E-11865
04-851122	Dayton Parts	E-11864
04-871121	Dayton Parts	E-11867
04-871122	Dayton Parts	E-11866
04-881731	Dayton Parts	E-2448A
04-881732	Dayton Parts	E-2447A
04-882041	Dayton Parts	E-2450A
04-882042	Dayton Parts	E-2449A
04-882421	Dayton Parts	E-2452A
04-882422	Dayton Parts	E-2451A
04-922042	Dayton Parts	E-14824
04-931731	Dayton Parts	E-14823
04-931731	Dayton Parts	E-5507
04-931732	Dayton Parts	E-14822

PART NO.	COMPETITOR	EUCLID NO.
04-931732	Dayton Parts	E-5506
04-932041	Dayton Parts	E-14825
04-932041	Dayton Parts	E-5509
04-932042	Dayton Parts	E-5508
04-932421	Dayton Parts	E-14821
04-932421	Dayton Parts	E-5511
04-932422	Dayton Parts	E-14820
04-932422	Dayton Parts	E-5510
04-942041	Dayton Parts	E-4901
04-942042	Dayton Parts	E-4900
04-952041	Dayton Parts	E-3517
04-952042	Dayton Parts	E-3516
04-952331	Dayton Parts	E-9088
04-952332	Dayton Parts	E-9087
04P	HDATP	E-526
05-116	Dayton Parts	E-BC16S
05-120	Dayton Parts	E-BC20S
05-124	Dayton Parts	E-BC24S
05-126	Dayton Parts	E-11992
05-129	Dayton Parts	E-9130
05-130	Dayton Parts	E-BC30S
05-132	Dayton Parts	E-9118
05-134	Dayton Parts	E-11984
05-135	Dayton Parts	E-2764
05-154	Dayton Parts	E-2144
05-162	Dayton Parts	E-2518A
05-162	Dayton Parts	E-631
05-171	Dayton Parts	E-2681A
05-172	Dayton Parts	E-2096
05-210	Dayton Parts	E-2307
05-214	Dayton Parts	E-4904S
05-237	Dayton Parts	E-2459S
05-250	Dayton Parts	E-2091
05-254	Dayton Parts	E-9102
05-260	Dayton Parts	E-612HD
05-260	Dayton Parts	E-612HDBK
05-261	Dayton Parts	E-940HD
05-262	Dayton Parts	E-2458HD
05-263	Dayton Parts	E-2459HD
05-263	Dayton Parts	E-2459HDBK
05-264	Dayton Parts	E-1574HD
05-294	Dayton Parts	E-9105
05-360	Dayton Parts	E-11399
05-361	Dayton Parts	E-11398
05-362	Dayton Parts	E-11402
05-363	Dayton Parts	E-11401
05-370	Dayton Parts	E-11395

PART NO.	COMPETITOR	EUCLID NO.
05-372	Dayton Parts	E-11397
05-550	Dayton Parts	E-10950B
05-552	Dayton Parts	E-10949B
05-560	Dayton Parts	E-6991B
05-561	Dayton Parts	E-6992B
05-562	Dayton Parts	E-6993B
05-563	Dayton Parts	E-6994B
05-564	Dayton Parts	E-6995B
05-565	Dayton Parts	E-6996B
05-570	Dayton Parts	E-6987B
05-570	Dayton Parts	E-6988B
05-572	Dayton Parts	E-6989B
05-572	Dayton Parts	E-6990B
05-574	Dayton Parts	E-9132
05-575	Dayton Parts	E-9133
05-577	Dayton Parts	E-9135
05-650	Dayton Parts	E-6928
05-651	Dayton Parts	E-6933
05-654	Dayton Parts	E-6923B
05-655	Dayton Parts	E-6925B
05-656	Dayton Parts	E-6951A
05-657	Dayton Parts	E-6914A
05-658	Dayton Parts	E-6919A
05-659	Dayton Parts	E-6918A
05-660	Dayton Parts	E-6936
05-661	Dayton Parts	E-6924B
05-662	Dayton Parts	E-6942
05-663	Dayton Parts	E-6927B
05-664	Dayton Parts	E-6946
05-665	Dayton Parts	E-6947
05-668	Dayton Parts	E-6944
05-670	Dayton Parts	E-6900A
05-672	Dayton Parts	E-6902A
05-675	Dayton Parts	E-6903A
05-676	Dayton Parts	E-6905A
05-760	Dayton Parts	E-15017
05-764	Dayton Parts	E-15028
05-770	Dayton Parts	E-15020
05-772	Dayton Parts	E-15022
05P	HDATP	E-581
07-105	Dayton Parts	E-2689
07-107	Dayton Parts	E-1139
07-121	Dayton Parts	E-2522
07-123	Dayton Parts	E-3525
07-136	Dayton Parts	E-1458
07-137	Dayton Parts	E-2476
07-151	Dayton Parts	E-1261

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PART NO.	COMPETITOR	EUCLID NO.
07-152	Dayton Parts	E-2141
07-163	Dayton Parts	E-2484
07-173	Dayton Parts	E-3994
07-174	Dayton Parts	E-3995
07-179	Dayton Parts	E-5532
07-181	Dayton Parts	E-11950
07-187	Dayton Parts	E-3499
07-212	Dayton Parts	E-1137
07-213	Dayton Parts	E-1136
07-230	Dayton Parts	E-3996
07-231	Dayton Parts	E-3997
07-232	Dayton Parts	E-3998
07-246	Dayton Parts	E-5541
07-270	Dayton Parts	E-5540
07-524	Dayton Parts	E-2552
07-534	Dayton Parts	E-2164
07-535	Dayton Parts	E-2163
07-537	Dayton Parts	E-2745
07-571	Dayton Parts	E-2282
07-574	Dayton Parts	E-1214
07-585	Dayton Parts	E-1216
07-586	Dayton Parts	E-1217
07-587	Dayton Parts	E-1215
07-590	Dayton Parts	E-1218
07-595	Dayton Parts	E-1230
07-601	Dayton Parts	E-2162
07-605	Dayton Parts	E-1486
07-900	Dayton Parts	E-1128
07-906	Dayton Parts	E-1262
07-909	Dayton Parts	E-2290
07-931	Dayton Parts	E-2015
07P	HDATP	E-580
08-100300	Dayton Parts	E-4515P
08-100600	Dayton Parts	E-2121
08-100660	Dayton Parts	E-2121HD
08-100671	Dayton Parts	KIT5
08-104220	Dayton Parts	E-3801
08-104230	Dayton Parts	E-2820
08-104300	Dayton Parts	E-9141
08-104330	Dayton Parts	E-9039
08-104900	Dayton Parts	E-14539
08-104999	Dayton Parts	E-10756
08-105000	Dayton Parts	E-10757
08-105100	Dayton Parts	E-5306
08-1072	Dayton Parts	E-1812
08-107300	Dayton Parts	E-2030HD
08-107400	Dayton Parts	E-2402HD

PART NO.	COMPETITOR	EUCLID NO.
08-107500	Dayton Parts	E-2403HD
08-107600	Dayton Parts	E-2126
08-107700	Dayton Parts	E-2286
08-108110	Dayton Parts	E-2676
08-108400	Dayton Parts	E-2713
08-108800	Dayton Parts	E-4515QN
08-108812	Dayton Parts	E-4515U
08-108830	Dayton Parts	E-4515QHDN
08-109100	Dayton Parts	E-4515X
08-109134	Dayton Parts	E-3710HD
08-109300	Dayton Parts	E-3484
08-109560	Dayton Parts	E-5499
08-109600	Dayton Parts	E-2821
08-109900	Dayton Parts	E-3291
08-110200	Dayton Parts	E-2740
08-110702	Dayton Parts	E-6879
08-111100	Dayton Parts	E-1308Q
08-111102	Dayton Parts	E-1308Q
08-111635	Dayton Parts	E-9644
08-114000	Dayton Parts	E-7231
08-114200	Dayton Parts	E-7237
08-114401	Dayton Parts	E-3373HD
08-114600	Dayton Parts	E-10875
08-114601	Dayton Parts	E-3782
08-114700	Dayton Parts	E-11981
08-114800	Dayton Parts	E-5481A
08-114900	Dayton Parts	E-4709ES2N
08-114920	Dayton Parts	E-10760
08-115400	Dayton Parts	E-8925
08-115700	Dayton Parts	E-9048
08-115800	Dayton Parts	E-8923
08-116200	Dayton Parts	E-5515
08-130100	Dayton Parts	E-2363
08-130101	Dayton Parts	E-2088A
08-130101	Dayton Parts	E-2088AHD
08-130111	Dayton Parts	E-2679A
08-130122	Dayton Parts	E-1357A
08-130200	Dayton Parts	E-2086B
08-130250	Dayton Parts	E-2086B2
08-130301	Dayton Parts	E-9791HD
08-130311	Dayton Parts	E-11450
08-130311	Dayton Parts	E-11450HD
08-130600	Dayton Parts	E-2382
08-130601	Dayton Parts	E-3520A
08-130611	Dayton Parts	E-9079HD
08-130800	Dayton Parts	E-2089
08-131800	Dayton Parts	E-3993B

PART NO.	COMPETITOR	EUCLID NO.
08-132100	Dayton Parts	E-2287
08-132103	Dayton Parts	E-2087
08-132111	Dayton Parts	E-2680
08-132150	Dayton Parts	E-22872
08-132300	Dayton Parts	E-2469
08-132310	Dayton Parts	E-5307
08-132800	Dayton Parts	E-9790A
08-132803	Dayton Parts	E-11910
08-133100	Dayton Parts	E-2090
08-133101	Dayton Parts	E-2122
08-133150	Dayton Parts	E-20902
08-133151	Dayton Parts	E-21222
08-134100	Dayton Parts	E-2526
08-135100	Dayton Parts	E-2125
08-135101	Dayton Parts	E-5501
08-135110	Dayton Parts	E-9053
08-136100	Dayton Parts	E-3876
08-136400	Dayton Parts	E-2696A
08-136600	Dayton Parts	E-2494
08-136800	Dayton Parts	E-3468A
08-136900	Dayton Parts	E-3446
08-137000	Dayton Parts	E-3353A
08-137100	Dayton Parts	E-3354
08-137500	Dayton Parts	E-5140
08-137800	Dayton Parts	E-7235
08-190020	Dayton Parts	E-7212A
08-190921	Dayton Parts	E-1909
08-190922	Dayton Parts	E-7213A
08P	HDATP	E-656
0912PB	HalDEX	E-PB0912
0912PB	Flagg	E-PB0912
09B2025	Ford	E-501
09P	HDATP	E-654
100.1279.10	Automann	E-2740
100.1308.12	Automann	E-7899
100.1308.20	Automann	E-4691
100.1308.21	Automann	E-4800
100.1308.22	Automann	E-6879
100.1308.40	Automann	E-3291
100.4284.10	Automann	E-5499
100.4311.11	Automann	E-2820
100.4311.12	Automann	E-3801
100.4398.11	Automann	E-10866A
100.4471.10	Automann	E-3518
100.4515.13	Automann	E-4515PHD
100.4515.17	Automann	E-2121
100.4515.18	Automann	E-1607HD

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PART NO.	COMPETITOR	EUCLID NO.
100.4515.19	Automann	KIT5
100.4515.21	Automann	E-4515QN
100.4515.25	Automann	E-4515QMBN
100.4515.30	Automann	E-3710HD
100.4515.31	Automann	E-4515X
100.4515.32	Automann	E-4515XHD
100.4515.35	Automann	E-3710SHDC
100.4515.36	Automann	E-9142
100.4515.40	Automann	E-4515U
100.4515.41	Automann	E-4515UHDB
100.4515.42	Automann	E-2769SHDC
100.4515.43	Automann	E-3895SHDC
100.4515.50	Automann	E-11974
100.4515.51	Automann	E-5515
100.4515.55	Automann	E-7237
100.4515.56	Automann	E-7238
100.4524.10	Automann	E-9644
100.4524.11	Automann	E-9644
100.4524.12	Automann	E-9070
100.4527.10	Automann	E-2821
100.4541.10	Automann	E-10867
100.4561.10	Automann	E-4692
100.4591.10	Automann	E-2126
100.4591.20	Automann	E-10875
100.4591.30	Automann	E-2402HD
100.4591.31	Automann	E-2403HD
100.4592A.10	Automann	E-10870
100.4592A.13	Automann	E-10869
100.4595.10	Automann	E-2713
100.4602R.10	Automann	E-7212A
100.4602R.11	Automann	E-7213A
100.4602R.12	Automann	E-7214A
100.4607.30	Automann	E-2030HD
100.4625.10	Automann	E-2675HD
100.4649.10	Automann	E-2286
100.4670.10	Automann	E-3484
100.4692.10	Automann	E-3782
100.4692.10	Automann	E-3782
100.4692.11	Automann	E-9283
100.4692.12	Automann	E-9282
100.4692.13	Automann	E-3373HD
100.4692.14	Automann	E-9281
100.4692.15	Automann	E-10756
100.4692.16	Automann	E-10757
100.4692.18	Automann	E-14539
100.4692.19	Automann	E-5306
100.4692.20	Automann	E-3374HD

PART NO.	COMPETITOR	EUCLID NO.
100.4693.10	Automann	E-11493
100.4693.55	Automann	E-7231
100.4693.56	Automann	E-7232
100.4701.10	Automann	E-5515
100.4702.10	Automann	E-4702KITB
100.4708.11	Automann	E-8925
100.4708.20	Automann	E-9048
100.4708.21	Automann	E-9052
100.4708.22	Automann	E-8923
100.4709.10	Automann	E-4709ESN
100.4709.11	Automann	E-4709ES2N
100.4709.13	Automann	E-11319
100.4717.10	Automann	E-9039
100.4719.10	Automann	E-10760
100.4723.10	Automann	E-9141
100.4729.10	Automann	E-11981
10-012	Spicer	E-2307
10047MI	Volvo	E-4711B
10048MI	Volvo	E-4710B
101.0251.99	Automann	E-596A
101.0251K	Automann	E-2217S
101.1001.99	Automann	E-501
101.1081.99	Automann	E-2803
101.1122.99	Automann	E-2396
101.1122K	Automann	E-2395
101.1141.99	Automann	E-3482
101.1141K	Automann	E-3483
101.2051K	Automann	E-5477
101.2072K	Automann	E-11741
101.2091K	Automann	E-3914
101133N	Bendix	E-2458S
101214N	Bendix	E-2459HD
101214N	Bendix	E-2459HDBK
101215N	Bendix	E-2458HD
101215N	Bendix	E-2458HDBK
101215N	Bendix	E-2458S
101290N	Bendix	E-2458S
102102-002	Standard Forge	E-864
102111/12	Bendix	E-6923B
102111/12	Bendix	E-6936
102115/16	Bendix	E-6924B
102117/18	Bendix	E-11403
102117/18	Bendix	E-11416
102117/18	Bendix	E-6927B
10225M11	Mack	E-537
1025M11	Mack	E-1269
1025M11	Mack	E-1426

PART NO.	COMPETITOR	EUCLID NO.
1025M11	Mack	E-537
10-351	Spicer	E-612S
10-351-BULK	Spicer	E-612SBK
10-351HD	Spicer	E-612HD
10-353	Spicer	E-2091
10-353-BULK	Spicer	E-2091
10-354	Spicer	E-940HD
10-354	Spicer	E-940S
10-354-BULK	Spicer	E-940SBK
10-354HD	Spicer	E-940HD
10-355	Spicer	E-2458S
10-355-BULK	Spicer	E-2458SBK
10-355HD	Spicer	E-2458HD
10-366	Spicer	E-940HD
10-366-BULK	Spicer	E-940HDBK
10-367	Spicer	E-1574HD
10-367-BULK	Dana	E-1574HD
10-367-BULK	Spicer	E-1574HDBK
10-367-BULK	Spicer	E-1574SBK
10-367HD	Spicer	E-1574HD
10-368	Spicer	E-2459S
10-368	Spicer	E-2459SBK
10-368-BULK	Spicer	E-2459SBK
10-368HD	Dana	E-2459HD
10-368HD	Spicer	E-2459HD
10-379	Spicer	E-1574S
10-379-BULK	Spicer	E-1574SBK
10-383	Spicer	E-6110
10-393-BULK	Spicer	E-612HDBK
10-399	Spicer	E-4904S
10-399-BULK	Spicer	E-4904SBK
104.04061HD	Automann	E-2101
104.08001HD	Automann	E-1880S
104.08121HD	Automann	E-3490S
104.08131HD	Automann	E-8907
104.10241HD	Automann	E-10197
104.10261HD	Automann	E-1428A
10-854	Spicer	E-940S
109112R1	Navistar	E-4740
109113R1	Navistar	E-4741
1094P	Power Equipment	E-1094
109519R1	Navistar	E-1148C
109519-R1	Navistar	E-1148C
109520R1	Navistar	E-1147C
109520-R1	Navistar	E-1147C
1095P	Power Equipment	E-1095
10X1348	Meritor	E-1319A-1

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PART NO.	COMPETITOR	EUCLID NO.
10X1421	Meritor	E-11949
110.2216H	Automann	E-2088AHD2
11-0255	Dayton Parts	E-1046
110542R2	Navistar	E-3477
1107D56	Meritor	E-3475
1-117	Spicer	E-2764
11-1821	Dayton Parts	E-2098
11-1830	Dayton Parts	E-1362
11-1831	Dayton Parts	E-1250
11-1832	Dayton Parts	E-2739
11-1880	Dayton Parts	E-2644
11-1886	Dayton Parts	E-2655
11-1887	Dayton Parts	E-2654
11-1888	Dayton Parts	E-2656
112.116T	Automann	E-2739
112.120T	Automann	E-2739
1-121	Spicer	E-2144
1126M005-CA	Haldex	E-9118
1126M009	Haldex	E-8894
1127L009	Haldex	E-8893
1127M005-CA	Haldex	E-11992
1127M009	Haldex	E-8892
1128M005-CA	Haldex	E-9120
1128M009	Haldex	E-8895
1128M011	Haldex	E-12743
1128M016	Haldex	E-9131
1133M005-CA	Haldex	E-9121
1133M009	Haldex	E-8891
11-351	Spicer	E-6991B
11-354	Spicer	E-6992B
11-355	Spicer	E-6993B
11-367	Spicer	E-6995B
11-368	Spicer	E-6994B
11-369	Spicer	E-6996B
11-399	Spicer	E-6987B
11-401	Spicer	E-6989B
1147BP	Power Equipment	E-1147C
1148BP	Power Equipment	E-1148C
1199E1695	Meritor	E-626
1199K3859	Meritor	E-10793
1199U3765	Meritor	E-3511
11M011	Haldex	E-11988
11M012	Haldex	E-9112
11M016	Haldex	E-9130
11M018-1/2	Haldex	E-8897
11M018-3/4	Haldex	E-8899
11M018-5/8	Haldex	E-8898

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11M018-8	Haldex	E-8896
11M034	Haldex	E-2764
11M051	Haldex	E-2144
11M052	Haldex	E-2144
11M061	Haldex	E-11989
11M062	Haldex	E-11990
11M112	Haldex	E-11991
11M112-A	Haldex	E-11991
11P	HDATP	E-719
120.100730.01	Automann	E-5129
120.100730.02	Automann	E-5130
120.100730.03	Automann	E-9028
120.100818.01	Automann	E-2800
120.100818.02	Automann	E-2799
120.100818.03	Automann	E-5060
120.100818.04	Automann	E-5061
120.100818.05	Automann	E-16741
120.100818.06	Automann	E-16740
120.100820.01	Automann	E-5490
120.100820.02	Automann	E-5491
120.100830.01	Automann	E-5066
120.100830.02	Automann	E-5067
120.100906.01	Automann	E-5131
120.100906.02	Automann	E-5132
120.100906.03	Automann	E-9030
120.100906.04	Automann	E-9031
120.100918.01	Automann	E-5133
120.100918.02	Automann	E-5134
120.100918.03	Automann	E-9032
120.100918.04	Automann	E-9033
120.100925.01	Automann	E-5135
120.100925.02	Automann	E-5136
120.100925.03	Automann	E-9034
120.100925.04	Automann	E-9035
120.101006.01	Automann	E-9763
120.101006.02	Automann	E-9764
120.101014.01	Automann	E-9767
120.101014.02	Automann	E-9768
120.101016.01	Automann	E-4886
120.101016.02	Automann	E-4887
120.101029.01	Automann	E-5062
120.101029.02	Automann	E-5063
120.101104.03	Automann	E-9765
120.101104.04	Automann	E-9766
120.101116.01	Automann	E-1776
120.101116.02	Automann	E-1775
120.101118.01	Automann	E-5492

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120.101118.02	Automann	E-5493
120.101214.01	Automann	E-2787
120.101214.02	Automann	E-2786
120.101216.01	Automann	E-9769
120.101216.02	Automann	E-9770
120.101230.01	Automann	E-4888
120.101230.02	Automann	E-4889
120.101307.01	Automann	E-16742
120.101307.02	Automann	E-16743
120.101314.01	Automann	E-4740
120.101314.02	Automann	E-4741
120.101315.01	Automann	E-10911
120.101315.02	Automann	E-10912
120.101408.01	Automann	E-3523
120.101408.02	Automann	E-3524
120.101410.01	Automann	E-9771
120.101410.02	Automann	E-9772
120.101500.01	Automann	E-9055
120.101500.02	Automann	E-9056
120.101502.01	Automann	E-10913
120.101502.02	Automann	E-10914
120.101508.01	Automann	E-10915
120.101508.02	Automann	E-10916
120.101916.01	Automann	E-2693
120.101916.02	Automann	E-2694
120.101916.03	Automann	E-5494
120.101916.04	Automann	E-5495
120.102010.01	Automann	E-1394
120.102010.02	Automann	E-1393
120.102012.02	Automann	E-2108
120.102201.01	Automann	E-2493
120.102201.02	Automann	E-2492
120.102210.01	Automann	E-2493
120.102210.02	Automann	E-2492
120.102324.01	Automann	E-4721
120.102324.02	Automann	E-4720
120.102324.03	Automann	E-5496
120.102324.04	Automann	E-5497
120.281916.01	Automann	E-9057
120.281916.02	Automann	E-9058
120.282007.01	Automann	E-4723
120.282007.02	Automann	E-4722
120.282324.01	Automann	E-9059
120.282324.02	Automann	E-9060
1200SC	TSE	E-12S
1200SC-Y	TSE	E-12SD300R
1205B2004	Meritor	E-3995

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1205C2005	Meritor	E-3994
1205K193	Meritor	E-563
1205N924	Meritor	E-1272
1205V1452	Meritor	E-2406
120A	Spicer	E-7214A
121.281604.01	Automann	E-9761
121.281604.02	Automann	E-9762
121.371604.01	Automann	E-1563
121.371604.02	Automann	E-1564
121.372104.01	Automann	E-2099
121.372104.02	Automann	E-2100
121.372106.01	Automann	E-4890
121.372106.02	Automann	E-4891
121.372328.01	Automann	E-3861
121.372328.02	Automann	E-3862
121'6SB300R	Haldex	E-1216SB300R
1212PB	Haldex	E-PB1212
1212PB	Flagg	E-PB1212
1212SB	Haldex	E-1212SB300R
1212SB300R	Haldex	E-1212SB300R
1212SB300R	Flagg	E-1212SB300R
1216PB	Haldex	E-PB1216
1216PB	Flagg	E-PB1216
1216SB	Haldex	E-1216SB300R
1216SB300R	Haldex	E-1216SB300R
1216SB300R	Flagg	E-1216SB300R
1218C107	Meritor	E-3513
1218G85	Meritor	E-747
1218Z52	Meritor	E-10834
121A	Spicer	E-7213A
122.100512.01	Automann	E-10863
122.100512.02	Automann	E-10864
122.100612.01	Automann	E-4705B
122.100612.02	Automann	E-4704B
122.100612.03	Automann	E-4705B
122.100612.04	Automann	E-4704B
122.100721.01	Automann	E-9693
122.100721.02	Automann	E-9694
122.100721.03	Automann	E-9693
122.100721.04	Automann	E-9694
122.100727.01	Automann	E-10862
122.100727.02	Automann	E-10861
122.100728.01	Automann	E-4707B
122.100728.02	Automann	E-4706B
122.100728.03	Automann	E-4707B
122.100728.04	Automann	E-4706B
122.100730.01	Automann	E-9695

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122.100730.02	Automann	E-9696
122.100730.03	Automann	E-9695
122.100730.04	Automann	E-9696
122.100802.01	Automann	E-5057
122.100802.02	Automann	E-5056
122.100816.01	Automann	E-9697
122.100816.02	Automann	E-9698
122.100816.03	Automann	E-9697
122.100816.04	Automann	E-9698
122.100816.05	Automann	E-9697
122.100816.06	Automann	E-9698
122.100818.03	Automann	E-2479B
122.100818.04	Automann	E-2478B
122.100830.01	Automann	E-16842
122.100902.01	Automann	E-9687A
122.100902.02	Automann	E-9688A
122.100902.03	Automann	E-9687A
122.100902.04	Automann	E-9688A
122.100908.01	Automann	E-9699
122.100908.02	Automann	E-9700
122.100908.03	Automann	E-9699
122.100908.04	Automann	E-9700
122.100918.01	Automann	E-9701
122.100918.02	Automann	E-9702
122.100918.03	Automann	E-9701
122.100918.04	Automann	E-9702
122.100918.05	Automann	E-16844
122.100918.06	Automann	E-16845
122.101018.01	Automann	E-2701B
122.101018.02	Automann	E-2700B
122.101018.03	Automann	E-2701B
122.101018.04	Automann	E-2700B
122.101104.01	Automann	E-1774C
122.101104.02	Automann	E-1773C
122.101109.01	Automann	E-1774C
122.101109.02	Automann	E-1773C
122.101116.01	Automann	E-1148C
122.101116.02	Automann	E-1147C
122.101116.03	Automann	E-1148C
122.101116.04	Automann	E-1147C
122.101124.01	Automann	E-4703B
122.101124.02	Automann	E-4702B
122.101124.03	Automann	E-4703B
122.101124.04	Automann	E-4702B
122.101202.01	Automann	E-2715A
122.101202.02	Automann	E-2714A
122.101216.01	Automann	E-4709B

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122.101216.02	Automann	E-4708B
122.101216.03	Automann	E-4709B
122.101216.04	Automann	E-4708B
122.101322.01	Automann	E-9689A
122.101322.02	Automann	E-9690A
122.101322.03	Automann	E-9689A
122.101322.04	Automann	E-9690A
122.101428.01	Automann	E-9691A
122.101428.02	Automann	E-9692A
122.101428.03	Automann	E-9691A
122.101428.04	Automann	E-9692A
122.101520.01	Automann	E-4711B
122.101520.02	Automann	E-4710B
122.101524.01	Automann	E-4711B
122.101524.02	Automann	E-4710B
122.101710.01	Automann	E-2447A
122.101710.02	Automann	E-2448A
122.101710.03	Automann	E-2447A
122.101710.04	Automann	E-2448A
122.101724.01	Automann	E-4715A
122.101724.02	Automann	E-4714A
122.101724.03	Automann	E-4715A
122.101724.04	Automann	E-4714A
122.101812.01	Automann	E-689A
122.101812.02	Automann	E-688A
122.101820.01	Automann	E-2413A
122.101820.02	Automann	E-2412A
122.102012.01	Automann	E-4900
122.102012.02	Automann	E-4901
122.102013.01	Automann	E-2449A
122.102013.02	Automann	E-2450A
122.102013.03	Automann	E-2449A
122.102013.04	Automann	E-2450A
122.102212.01	Automann	E-9089
122.102212.02	Automann	E-9090
122.102402.01	Automann	E-2451A
122.102402.02	Automann	E-2452A
122.102402.03	Automann	E-2451A
122.102402.04	Automann	E-2452A
122.102524.01	Automann	E-4719
122.102524.02	Automann	E-4718
122.2100830.02	Automann	E-16843
122.240816.01	Automann	E-9707
122.240816.02	Automann	E-9708
122.240908.01	Automann	E-5529
122.240908.02	Automann	E-5530
122.240913.01	Automann	E-9715

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122.240913.02	Automann	E-9716
122.240918.01	Automann	E-9711
122.240918.02	Automann	E-9712
122.241002.01	Automann	E-9717
122.241002.02	Automann	E-9718
122.280607.01	Automann	E-11513
122.280607.02	Automann	E-11512
122.280703.01	Automann	E-11515
122.280703.02	Automann	E-11514
122.280723.01	Automann	E-9645
122.280723.02	Automann	E-9646
122.280802.01	Automann	E-9647
122.280802.02	Automann	E-9648
122.280802.03	Automann	E-9647
122.280802.04	Automann	E-9648
122.280807.01	Automann	E-11517
122.280807.02	Automann	E-11516
122.280810.01	Automann	E-11519
122.280810.02	Automann	E-11518
122.280814.03	Automann	E-9649
122.280814.04	Automann	E-9650
122.280815.01	Automann	E-11520
122.280815.02	Automann	E-11521
122.280818.01	Automann	E-9649
122.280818.02	Automann	E-9650
122.280818.03	Automann	E-9649
122.280818.04	Automann	E-9650
122.280819.01	Automann	E-11609
122.280819.02	Automann	E-11608
122.280822.01	Automann	E-11522
122.280822.02	Automann	E-11523
122.280822.03	Automann	E-11525
122.280822.04	Automann	E-11524
122.280822.05	Automann	E-11968
122.280822.06	Automann	E-11969
122.280902.01	Automann	E-9651
122.280902.02	Automann	E-9652
122.280902.03	Automann	E-9651
122.280902.04	Automann	E-9652
122.280908.01	Automann	E-9065
122.280908.02	Automann	E-9066
122.280910.01	Automann	E-11611
122.280910.02	Automann	E-11610
122.280910.03	Automann	E-11961
122.280910.04	Automann	E-11960
122.280914.01	Automann	E-9653
122.280914.02	Automann	E-9654

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122.280914.03	Automann	E-9067A
122.280914.04	Automann	E-9068A
122.280914.05	Automann	E-9653
122.280914.06	Automann	E-9654
122.280918.01	Automann	E-16854
122.280918.02	Automann	E-16855
122.280919.01	Automann	E-11613
122.280919.02	Automann	E-11612
122.280923.01	Automann	E-11529
122.280923.02	Automann	E-11528
122.280926.01	Automann	E-11531
122.280926.02	Automann	E-11530
122.280931.01	Automann	E-11533
122.280931.02	Automann	E-11532
122.281002.01	Automann	E-11535
122.281002.02	Automann	E-11534
122.281006.01	Automann	E-5504A
122.281006.02	Automann	E-5505A
122.281007.01	Automann	E-11537
122.281007.02	Automann	E-11536
122.281013.01	Automann	E-9655
122.281013.02	Automann	E-9656
122.281013.03	Automann	E-9655
122.281013.04	Automann	E-9656
122.281016.01	Automann	E-11538
122.281016.02	Automann	E-11539
122.281019.01	Automann	E-11541
122.281019.02	Automann	E-11540
122.281023.01	Automann	E-11545
122.281023.02	Automann	E-11544
122.281026.01	Automann	E-11547
122.281026.02	Automann	E-11546
122.281030.01	Automann	E-9657
122.281030.02	Automann	E-9658
122.281030.03	Automann	E-9657
122.281030.04	Automann	E-9658
122.281104.03	Automann	E-9659
122.281104.04	Automann	E-9660
122.281106.01	Automann	E-11619
122.281106.02	Automann	E-11618
122.281107.01	Automann	E-9659
122.281107.02	Automann	E-9660
122.281112.01	Automann	E-11548
122.281112.02	Automann	E-11549
122.281118.03	Automann	E-9661
122.281118.04	Automann	E-9662
122.281119.01	Automann	E-11550

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122.281119.02	Automann	E-11551
122.281122.01	Automann	E-9663
122.281122.02	Automann	E-9664
122.281122.03	Automann	E-9663
122.281122.04	Automann	E-9664
122.281123.01	Automann	E-11623
122.281123.02	Automann	E-11622
122.281126.01	Automann	E-11553
122.281126.02	Automann	E-11552
122.281130.01	Automann	E-9665
122.281130.02	Automann	E-9666
122.281131.01	Automann	E-11625
122.281131.02	Automann	E-11624
122.281207.01	Automann	E-11555
122.281207.02	Automann	E-11554
122.281210.01	Automann	E-11557
122.281210.02	Automann	E-11556
122.281214.01	Automann	E-9667
122.281214.02	Automann	E-9668
122.281214.03	Automann	E-9667
122.281214.04	Automann	E-9668
122.281215.01	Automann	E-11559
122.281215.02	Automann	E-11558
122.281226.01	Automann	E-11563
122.281226.02	Automann	E-11562
122.281230.01	Automann	E-9669
122.281230.02	Automann	E-9670
122.281230.03	Automann	E-9669
122.281230.04	Automann	E-9670
122.281231.01	Automann	E-11627
122.281231.02	Automann	E-11626
122.281303.01	Automann	E-11565
122.281303.02	Automann	E-11564
122.281306.01	Automann	E-11629
122.281306.02	Automann	E-11628
122.281307.01	Automann	E-9671
122.281307.02	Automann	E-9672
122.281307.03	Automann	E-9671
122.281307.04	Automann	E-9672
122.281310.01	Automann	E-11567
122.281310.02	Automann	E-11566
122.281314.01	Automann	E-9673A
122.281314.02	Automann	E-9674A
122.281314.03	Automann	E-9673A
122.281314.04	Automann	E-9674A
122.281314.05	Automann	E-11631
122.281314.06	Automann	E-11630

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122.281319.01	Automann	E-11569
122.281319.02	Automann	E-11568
122.281323.01	Automann	E-4910A
122.281323.02	Automann	E-4911A
122.281326.01	Automann	E-11571
122.281326.02	Automann	E-11570
122.281403.01	Automann	E-9675
122.281403.02	Automann	E-9676
122.281403.03	Automann	E-9675
122.281403.04	Automann	E-9676
122.281410.01	Automann	E-11573
122.281410.02	Automann	E-11572
122.281418.01	Automann	E-11633
122.281418.02	Automann	E-11632
122.281419.01	Automann	E-9677
122.281419.02	Automann	E-9678
122.281419.03	Automann	E-9677
122.281419.04	Automann	E-9678
122.281423.01	Automann	E-11575
122.281423.02	Automann	E-11574
122.281424.01	Automann	E-9679
122.281424.02	Automann	E-9680
122.281431.01	Automann	E-11577
122.281431.02	Automann	E-11576
122.281503.01	Automann	E-11576
122.281503.02	Automann	E-11578
122.281506.01	Automann	E-9681
122.281506.02	Automann	E-9682
122.281506.03	Automann	E-9681
122.281506.04	Automann	E-9682
122.281510.01	Automann	E-11583
122.281510.02	Automann	E-11582
122.281514.01	Automann	E-11963
122.281514.02	Automann	E-11962
122.281518.01	Automann	E-10306A
122.281518.02	Automann	E-10307A
122.281522.01	Automann	E-11639
122.281522.02	Automann	E-11638
122.281523.01	Automann	E-9683
122.281523.02	Automann	E-9684
122.281523.03	Automann	E-9683
122.281523.04	Automann	E-9684
122.281526.03	Automann	E-11585
122.281526.04	Automann	E-11584
122.281526.05	Automann	E-11641
122.281526.06	Automann	E-11640
122.281531.01	Automann	E-11587

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122.281531.02	Automann	E-11586
122.281603.01	Automann	E-11589
122.281603.02	Automann	E-11588
122.281619.01	Automann	E-11593
122.281619.02	Automann	E-11592
122.281626.01	Automann	E-11595
122.281626.02	Automann	E-11594
122.281631.01	Automann	E-11597
122.281631.02	Automann	E-11596
122.281710.01	Automann	E-2441B
122.281710.02	Automann	E-2442B
122.281710.03	Automann	E-14822
122.281710.04	Automann	E-14823
122.281715.01	Automann	E-11599
122.281715.02	Automann	E-11598
122.281815.01	Automann	E-11603
122.281815.02	Automann	E-11602
122.281815.03	Automann	E-11643
122.281815.04	Automann	E-11642
122.281819.01	Automann	E-11605
122.281819.02	Automann	E-11604
122.282012.01	Automann	E-3516
122.282012.02	Automann	E-3517
122.282013.01	Automann	E-14824
122.282013.02	Automann	E-14825
122.282013.03	Automann	E-14824
122.282013.04	Automann	E-14825
122.282031.01	Automann	E-11645
122.282031.02	Automann	E-11644
122.282307.01	Automann	E-9087
122.282307.02	Automann	E-9088
122.282312.03	Automann	E-11958
122.282312.04	Automann	E-11959
122.282402.01	Automann	E-2445B
122.282402.02	Automann	E-2446B
122.282402.03	Automann	E-14820
122.282402.04	Automann	E-14821
122407R1	Navistar	E-536
1225A833	Meritor	E-2407
1225B496BULK	Meritor	E-1893-BK
1225B834	Meritor	E-2408
1225C1277	Meritor	E-11951
1225G449	Meritor	E-919
1225J218	Meritor	E-662
1225J634	Meritor	E-1271
1225K817	Meritor	E-11956
1225L1208BULK	Meritor	E-536-BK

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1225M897	Meritor	E-3447
1225N1158	Meritor	E-6080
1225R1058	Meritor	E-2361
1225S1267	Meritor	E-920
1225U151	Meritor	E-712
1225X440	Meritor	E-10836
1225X804	Meritor	E-2551
1227B678	Meritor	E-1253
1227B756	Meritor	E-572
1227C549	Meritor	E-540
1227D1226	Meritor	E-2550
1227H34	Meritor	E-618
1227R1240	Meritor	E-7658
1227R330	Meritor	E-2305
1227U541	Meritor	E-2299
1227V464	Meritor	E-6140
1229A4135	Meritor	E-9073
1229B1848	Meritor	E-1113
1229B236	Meritor	E-3471
1229B2498	Meritor	E-3426
1229B4136	Meritor	E-9074
1229C4137	Meritor	E-9075
1229D108	Meritor	E-10817
1229D2942	Meritor	E-5093
1229E1565	Meritor	E-10831
1229E811	Meritor	E-3473
1229F1566	Meritor	E-10832
1229F4686	Meritor	E-9071
1229G1021	Meritor	E-2421
1229H476	Meritor	E-2660
1229J4092	Meritor	E-9076
1229J868	Meritor	E-564
1229M221	Meritor	E-1106
1229N2250	Meritor	E-3478
1229P302	Meritor	E-3472
1229Q277	Meritor	E-3476
1229Q2851	Meritor	E-4736
1229Q771	Meritor	E-581
1229R122	Meritor	E-580
1229R4100	Meritor	E-6077
1229S2697	Meritor	E-3479
1229S4101	Meritor	E-9072
1229S435	Meritor	E-10857
1229S747	Meritor	E-10843
1229T1164	Meritor	E-10851
1229T1554	Meritor	E-10842
1229T4102	Meritor	E-9077

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1229U1113	Meritor	E-10776
1229V1504	Meritor	E-3874
1229V1556	Meritor	E-3427
1229X1116	Meritor	E-801
1229X2936	Meritor	E-10845
1229X3118	Meritor	E-2411A
1229Z1118	Meritor	E-526
1229Z3068	Meritor	E-1561
122A	Spicer	E-7212A
123.101512.01	Automann	E-5516
123.101512.02	Automann	E-5517
123.101604.01	Automann	E-9263
123.101604.02	Automann	E-9264
123.101712.01	Automann	E-9751
123.101712.03	Automann	E-5516
123.101712.04	Automann	E-5517
123.101828.01	Automann	E-9743
123.101828.02	Automann	E-9744
123.101828.03	Automann	E-9265
123.101828.04	Automann	E-9266
123.101916.01	Automann	E-9739
123.101916.02	Automann	E-9740
123.102012.01	Automann	E-5518
123.102012.02	Automann	E-5519
123.102016.03	Automann	E-9267
123.102016.04	Automann	E-9268
123.102104.01	Automann	E-1411
123.102104.02	Automann	E-1410
123.102108.01	Automann	E-9269
123.102108.02	Automann	E-9270
123.102200.01	Automann	E-9745
123.102200.02	Automann	E-9746
123.102200.03	Automann	E-9271
123.102200.04	Automann	E-9272
123.102228.01	Automann	E-6101
123.102228.02	Automann	E-6102
123.102304.01	Automann	E-9273
123.102304.02	Automann	E-9274
123.102308.01	Automann	E-1423
123.102308.02	Automann	E-1422
123.102316.01	Automann	E-5520
123.102316.02	Automann	E-5521
123.102316.03	Automann	E-9275
123.102316.04	Automann	E-9276
123.102328.01	Automann	E-1421
123.102328.02	Automann	E-1420
123.102328.03	Automann	E-9277

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123.102328.04	Automann	E-9278
123.102400.01	Automann	E-9727
123.102400.02	Automann	E-9728
123.102412.01	Automann	E-6103
123.102412.02	Automann	E-6104
123.102420.01	Automann	E-2793
123.102420.02	Automann	E-2792
123.102608.01	Automann	E-7217
123.102608.02	Automann	E-7218
123.102608.03	Automann	E-9741
123.102608.04	Automann	E-9742
123.102608.05	Automann	E-9279
123.102608.06	Automann	E-9280
123.102616.01	Automann	E-7219
123.102616.02	Automann	E-7220
123.102616.03	Automann	E-9747
123.102616.04	Automann	E-9748
123.281612.01	Automann	E-10917
123.281612.02	Automann	E-10918
123.281706.01	Automann	E-9096
123.281706.02	Automann	E-9097
123.281712.01	Automann	E-9725
123.281712.02	Automann	E-9726
123.281714.01	Automann	E-5522
123.281714.02	Automann	E-5523
123.281714.03	Automann	E-9731
123.281714.04	Automann	E-9732
123.282010.01	Automann	E-10919
123.282010.02	Automann	E-10920
123.282012.01	Automann	E-3854
123.282012.02	Automann	E-3855
123.282014.01	Automann	E-5524
123.282014.02	Automann	E-5525
123.282014.03	Automann	E-9733
123.282014.04	Automann	E-9734
123.282018.01	Automann	E-10901
123.282018.02	Automann	E-10902
123.282104.01	Automann	E-10921
123.282104.02	Automann	E-10922
123.282110.01	Automann	E-9755
123.282110.02	Automann	E-9756
123.282110.03	Automann	E-10903
123.282110.04	Automann	E-10904
123.282112.01	Automann	E-17160
123.282112.02	Automann	E-17161
123.282202.01	Automann	E-9757
123.282202.02	Automann	E-9758

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123.282210.01	Automann	E-10923
123.282210.02	Automann	E-10924
123.282220.01	Automann	E-11856
123.282220.02	Automann	E-11857
123.282228.01	Automann	E-6884
123.282228.02	Automann	E-6885
123.282228.03	Automann	E-11858
123.282228.04	Automann	E-11859
123.282230.01	Automann	E-9098
123.282230.02	Automann	E-9099
123.282306.01	Automann	E-9759
123.282306.02	Automann	E-9760
123.282306.03	Automann	E-10905
123.282306.04	Automann	E-10906
123.282312.01	Automann	E-10925
123.282312.02	Automann	E-10926
123.282314.01	Automann	E-3856
123.282314.02	Automann	E-3857
123.282318.01	Automann	E-5526
123.282318.02	Automann	E-5527
123.282318.03	Automann	E-9735
123.282318.04	Automann	E-9736
123.282330.01	Automann	E-10907
123.282330.02	Automann	E-10908
123.282402.01	Automann	E-10909
123.282402.02	Automann	E-10910
123.282402.03	Automann	E-9100
123.282402.04	Automann	E-9101
123.282402.05	Automann	E-5516
123.282402.06	Automann	E-5517
123.282420.01	Automann	E-10927
123.282420.02	Automann	E-10928
123.282502.01	Automann	E-17170
123.28252.02	Automann	E-17171
123.282608.01	Automann	E-11860
123.282608.02	Automann	E-11861
123.282616.01	Automann	E-10929
123.282616.02	Automann	E-10930
123.282630.01	Automann	E-9729
123.282630.02	Automann	E-9730
123.282630.03	Automann	E-9737
123.282630.04	Automann	E-9738
123.283008.01	Automann	E-11862
123.283008.02	Automann	E-11863
124.100713.01	Automann	E-4892
124.100713.02	Automann	E-4893
124.101004.01	Automann	E-1789

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PART NO.	COMPETITOR	EUCLID NO.
124.101004.02	Automann	E-1788
124.101610.01	Automann	E-4713
124.101610.02	Automann	E-4712
124.101616.01	Automann	E-687
124.101616.02	Automann	E-686
124.101712.01	Automann	E-2795
124.101712.02	Automann	E-2794
124.101812.01	Automann	E-689
124.101812.02	Automann	E-688
124.101820.01	Automann	E-2413A
124.101820.02	Automann	E-2412A
124.102012.01	Automann	E-2107
124.102012.02	Automann	E-2108
124.102014.01	Automann	E-1425A
124.102014.02	Automann	E-1424A
124.102014.03	Automann	E-1425A
124.102014.04	Automann	E-1424A
124.102103.01	Automann	E-685
124.102103.02	Automann	E-684
124.102202.01	Automann	E-691
124.102202.02	Automann	E-690
124.102212.01	Automann	E-9089
124.102212.02	Automann	E-9090
124.102228.01	Automann	E-4884
124.102228.02	Automann	E-4885
124.102314.01	Automann	E-1095
124.102314.02	Automann	E-1094
124.102400.01	Automann	E-4717
124.102400.02	Automann	E-4716
124.102412.01	Automann	E-2797
124.102412.02	Automann	E-2796
124.102524.01	Automann	E-4719
124.102524.02	Automann	E-4718
12-40009	Dayton Parts	E-8888
12-40012	Dayton Parts	E-8889
12-40016	Dayton Parts	E-8890
12-40020	Dayton Parts	E-8891
12-40024	Dayton Parts	E-8892
12-40030E	Dayton Parts	E-8894
12-40036	Dayton Parts	E-8895
12-40201	Dayton Parts	E-8896
12-40202	Dayton Parts	E-8897
12-40204	Dayton Parts	E-8898
12-40301	Dayton Parts	E-11989
12-40304	Dayton Parts	E-11990
1245N144	Meritor	E-10819
1246F1020	Meritor	E-3482

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1246L350	Meritor	E-10828
1246R382	Meritor	E-10822
125.101100.01	Automann	E-11864
125.101100.02	Automann	E-11865
125.281102.01	Automann	E-11866
125.281102.02	Automann	E-11867
125.281104.01	Automann	E-10899
125.281104.02	Automann	E-10900
1259B262	Meritor	E-3424
1259D238	Meritor	E-11948
1259L194	Meritor	E-10835
1259N1132	Meritor	E-2119
1259N274BULK	Meritor	E-2766-BK
1259P198	Meritor	E-10825
1259R252	Meritor	E-502
1259V308	Meritor	E-5087
1259W205	Meritor	E-10820
126402R1	Navistar	E-539
126403R1	Navistar	E-512
126404R1	Navistar	E-523
12P	HDATP	E-1416
12S	Flagg	E-12S
12S	Haldex	E-12S
12SD	Haldex	E-12SD300R
12SD300R	Haldex	E-12SD300R
12SD300R	Flagg	E-12SD300R
1308Q	Dayton Parts	E-1308Q
1308Q00	Dayton Parts	E-1308Q
1308Q00BG	Dayton Parts	E-1308Q
1308Q02	Dayton Parts	E-1308QMA
1308Q02BG	Dayton Parts	E-1308QMAB
1308QMA	Dayton Parts	E-1308QMA
134.B5812	Automann	E-2307
13-451	Spicer	E-1901
13-452	Spicer	E-1902
13-453	Spicer	E-1903
13-454	Spicer	E-1904
13-455	Spicer	E-1905
13-456	Spicer	E-1906
13-457	Spicer	E-1907
13-458	Spicer	E-1908
13-459	Spicer	E-1909
13-460	Spicer	E-1910
13-461	Spicer	E-1911
13-462	Spicer	E-1912
13-463	Spicer	E-1913
13-464	Spicer	E-1914

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13-465	Spicer	E-1915
13-466	Spicer	E-1916
13-467	Spicer	E-1917
13-468	Spicer	E-1918
13-469	Spicer	E-1919
13-470	Spicer	E-1920
13-471	Spicer	E-1921
13-472	Spicer	E-1922
13-473	Spicer	E-1923
13-474	Spicer	E-1924
13-475	Spicer	E-1925
13-476	Spicer	E-1926
13-477	Spicer	E-1927
13-478	Spicer	E-1928
13-479	Spicer	E-1932
13-480	Spicer	E-1933
13-481	Spicer	E-1934
13-485	Spicer	E-1935
13-486	Spicer	E-1936
13-487	Spicer	E-1937
13-488	Spicer	E-1929
13-489	Spicer	E-1930
13-490	Spicer	E-1931
13-495	Spicer	E-1597A
13-497	Spicer	E-2644
135.H0558	Automann	E-427K
135.S2835	Automann	E-6927B
13-503	Spicer	E-2655
13-504	Spicer	E-2654
13-505	Spicer	E-2656
1357P	Power Equipment	E-1357A
13611VA	Navistar	E-3427
13-7224	Dayton Parts	E-10828
138.1010FC	Automann	E-15053
138.1011FC	Automann	E-15051
138.1030FC	Automann	E-15052
138.1031FC	Automann	E-15057
138.2470FC	Automann	E-15054
138.2810FC	Automann	E-15055
138.2830FC	Automann	E-15056
138.2831FC	Automann	E-15058
138808R2	Navistar	E-527
139856R1	Navistar	E-3421A
141063R1	Navistar	E-512
1410P	Power Equipment	E-1410
1411P	Power Equipment	E-1411
14-1A	Spicer	E-4515P

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1420P	Power Equipment	E-1420
1421P	Power Equipment	E-1421
1422P	Power Equipment	E-1422
1423P	Power Equipment	E-1423
1424P	Power Equipment	E-1424A
1425P	Power Equipment	E-1425A
142917R1	Navistar	E-2217A
142917R1	Navistar	E-595
142918R1	Navistar	E-596A
142919R3	Navistar	E-1428A
14-2A	Spicer	E-4515PHD
14-3A	Spicer	E-4515PHD
14-3A-BULK	Spicer	E-4515PHD
14-4A	Spicer	E-4515PHD
14-4A-BULK	Spicer	E-4515PHD
14A	Spicer	E-4515PHD
150544R1	Navistar	E-4707B
153156R1	Navistar	E-4702B
153157R1	Navistar	E-4708B
15-525	Spicer	E-512
15-526	Spicer	E-512S
15-527	Spicer	E-1112A
15-528	Spicer	E-512S
15-529	Spicer	E-609
15-531	Dana	E-502
15-536	Spicer	E-3711
15-537	Dana	E-2390
15-537	Spicer	E-2390
15-538	Spicer	E-2029
15-539	Spicer	E-2414
15-540	Spicer	E-1403
15-541	Spicer	E-1337
15-542	Spicer	E-2766S
15-550	Spicer	E-3424
1563P	Power Equipment	E-1563
1564P	Power Equipment	E-1564
1600SC	TSE	E-16S
1607HDP	Power Equipment	E-1607HD
1610BP	HDATP	E-1307
16-1A	Spicer	KIT4SHD
1624GP	Haldex	E-GP1624
1624GP	Flagg	E-GP1624
16-3A	Spicer	KIT4S
16-4A	Spicer	KIT4SHD
16-4A-BULK	Spicer	KIT4S
16-561	Spicer	E-920
16-561	Spicer	E-920S

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16-562	Spicer	E-919
16-563	Spicer	E-1893
16-564	Spicer	E-2389
16-565	Spicer	E-1893S
1691529C1	Navistar	E-536
1694310C91	Navistar	E-6924B
1694312C91	Navistar	E-6924B
1694313C91	Navistar	E-6924B
1694318C91	Navistar	E-6924B
1694319C91	Navistar	E-6924B
1697569C91	Navistar	E-6944
16A	Spicer	KIT4SHD
16A-BULK	Spicer	KIT4SHD
16P	HDATP	E-1385
16S	Flagg	E-16S
16S	Haldex	E-16S
1707B2	Meritor	E-11950
17-1A	Spicer	E-2121
17-1A	Spicer	E-2121SHD
1725H8	Meritor	E-10839
1725V22	Meritor	E-10813
1727N40	Meritor	E-1128
17-402	Dana	E-10902
17-402	Spicer	E-10902
17-403	Dana	E-10901
17-403	Spicer	E-10901
17-414	Dana	E-10904
17-414	Spicer	E-10904
17-415	Dana	E-10903
17-415	Spicer	E-10903
17-416	Dana	E-10906
17-416	Spicer	E-10906
17-417	Dana	E-10905
17-417	Spicer	E-10905
17-418	Dana	E-10908
17-418	Spicer	E-10908
17-419	Dana	E-10907
17-419	Spicer	E-10907
17-460	Spicer	E-5495
17-461	Spicer	E-5494
17-462	Spicer	E-5497
17-463	Spicer	E-5496
1746U47	Meritor	E-10811
17-472	Spicer	E-9060
17-473	Spicer	E-9059
17-480	Spicer	E-3855
17-481	Spicer	E-3854

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17-482	Spicer	E-3857
17-483	Spicer	E-3856
17-484	Spicer	E-6885
17-485	Spicer	E-6884
17-500	Spicer	E-5525
17-501	Dana	E-3854
17-501	Spicer	E-5524
17-502	Dana	E-3857
17-502	Spicer	E-5527
17-503	Dana	E-3856
17-503	Spicer	E-5526
17-504	Spicer	E-5519
17-505	Spicer	E-5518
17-506	Spicer	E-9728
17-507	Spicer	E-9727
17-508	Spicer	E-5521
17-509	Spicer	E-5520
17-510	Spicer	E-9099
17-511	Spicer	E-9098
17-512	Dana	E-5523
17-512	Spicer	E-5523
17-513	Dana	E-5522
17-513	Spicer	E-5522
17-514	Spicer	E-9101
17-515	Spicer	E-9100
17-516	Spicer	E-5517
17-517	Spicer	E-5516
17-518	Spicer	E-6102
17-519	Spicer	E-6101
17-522	Spicer	E-9730
17-523	Spicer	E-9729
17-536	Spicer	E-9740
17-537	Spicer	E-9739
17-554	Spicer	E-6104
17-555	Spicer	E-6103
17-556	Spicer	E-9742
17-557	Spicer	E-9741
17-568	Spicer	E-2794
17-569	Spicer	E-2795
17-570	Spicer	E-4712
17-571	Spicer	E-4713
17-572	Spicer	E-4714A
17-572	Dana	E-4715A
17-573	Spicer	E-4715A
17-574	Spicer	E-1094
17-575	Spicer	E-1095
17-576	Spicer	E-686

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17-577	Spicer	E-687
17-580	Spicer	E-1424A
17-581	Spicer	E-1425A
17-582	Spicer	E-684
17-583	Spicer	E-685
17-586	Spicer	E-1094
17-587	Spicer	E-1095
17-588	Spicer	E-2796
17-589	Spicer	E-2797
17-590	Dana	E-7218
17-590	Spicer	E-7218
17-591	Dana	E-7217
17-591	Spicer	E-7217
17-592	Dana	E-7220
17-592	Spicer	E-7220
17-593	Dana	E-7219
17-593	Spicer	E-7219
17-594	Spicer	E-4885
17-595	Spicer	E-4884
17-596	Spicer	E-4718
17-597	Spicer	E-4719
17-598	Spicer	E-690
17-599	Spicer	E-691
17-610	Spicer	E-4893
17-611	Spicer	E-4892
17-616	Spicer	E-3862
17-617	Spicer	E-3861
17-618	Spicer	E-4891
17-619	Spicer	E-4890
17-620	Spicer	E-1564
17-621	Spicer	E-1563
17-622	Spicer	E-2100
17-623	Spicer	E-2099
17-626	Spicer	E-2442B
17-627	Spicer	E-2441B
17-628	Spicer	E-2444B
17-629	Spicer	E-2443B
17-630	Spicer	E-2446B
17-631	Spicer	E-2445B
17-632	Spicer	E-2450A
17-633	Spicer	E-2449A
17-634	Spicer	E-2694
17-635	Spicer	E-2693
17-636	Dana	E-4720
17-636	Spicer	E-4720
17-637	Dana	E-4721
17-637	Spicer	E-4721

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17-638	Spicer	E-4722
17-639	Spicer	E-4723
17-640	Spicer	E-2448A
17-641	Spicer	E-2447A
17-643	Spicer	E-2452A
17-648	Spicer	E-2792
17-649	Spicer	E-2793
17-658	Spicer	E-5509
17-659	Spicer	E-5508
17-660A	Spicer	E-5511
17-661A	Spicer	E-5510
17-662	Spicer	E-5495
17-663	Spicer	E-5494
17-664	Spicer	E-5497
17-665	Spicer	E-5496
17-682	Spicer	E-1393
17-683	Spicer	E-1394
17-684	Spicer	E-1410
17-685	Spicer	E-1411
17-690	Spicer	E-1422
17-691	Spicer	E-1423
17-694	Spicer	E-1420
17-695	Spicer	E-1421
17-698	Spicer	E-2492
17-699	Dana	E-2493
17-699	Spicer	E-2493
17-700	Spicer	E-3517
17-701	Spicer	E-3516
17-714	Spicer	E-4901
17-715	Spicer	E-4900
17-720	Spicer	E-5507
17-721	Spicer	E-5506
17-722	Spicer	E-5509
17-723	Spicer	E-5508
17-724	Spicer	E-5511
17-725	Spicer	E-5510
17-734	Spicer	E-9264
17-735	Spicer	E-9263
17-737	Spicer	E-9751
17-738	Spicer	E-9274
17-739	Spicer	E-9273
1773BP	Power Equipment	E-1773C
1774BP	Power Equipment	E-1774C
1775P	Power Equipment	E-1775
17-760	Spicer	E-9274
17-761	Spicer	E-9273
1776P	Power Equipment	E-1776

PART NO.	COMPETITOR	EUCLID NO.
17-782	Spicer	E-9760
17-783	Spicer	E-9759
1779B1172	Meritor	E-523
1779J114	Meritor	E-10812
1779L116	Meritor	E-10838
1779Q147	Meritor	E-1467
1779Q433	Meritor	E-1262
1779X180	Meritor	E-10823
17-810	Spicer	E-2442B
17-811	Spicer	E-2441B
17-812	Spicer	E-2444B
17-813	Spicer	E-2443B
17-814	Spicer	E-2446B
17-815	Spicer	E-2445B
17-826	Spicer	E-11859
179.CP12	Automann	E-11989
179.CP58	Automann	E-11990
179.CPK	Automann	E-8897
179.DT12	Automann	E-8889
179.DT16	Automann	E-8890
179.DT20	Automann	E-8891
179.DT24	Automann	E-8892
179.DT30	Automann	E-8894
179.DT36	Automann	E-8895
179.DT9	Automann	E-8888
179.PB3030S	Automann	E-BC3030PL
179.PB3030SL	Automann	E-BC3030PEL
179.SB2424	Automann	E-BC2424C
179.SB2430	Automann	E-BC2430C
179.SB3030	Automann	E-BC3030C
179.SB3030S	Automann	E-BC3030C
179.SB3030SL	Automann	E-BC3030CEL
179.SB3036S	Automann	E-BC3036C
179.SB3636S	Automann	E-BC3636C
179.SC12	Automann	E-BC12S
179.SC16	Automann	E-BC16S
179.SC16A	Automann	E-BC16S
179.SC20	Automann	E-BC20S
179.SC24	Automann	E-BC24S
179.SC24L	Automann	E-BC24SEL
179.SC30	Automann	E-BC30S
179.SC36	Automann	E-BC36S
179.YK5001	Automann	E-9132
179.YK5002	Automann	E-9133
179.YK5004	Automann	E-9135
179.YK5005	Automann	E-11430A
179.YK5006	Automann	E-11883

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PART NO.	COMPETITOR	EUCLID NO.
179.YK5007	Automann	E-11884
179.YK5008	Automann	E-11882
179.YK5009	Automann	E-11885
179.YK5010	Automann	E-15072
179.YK5012	Automann	E-11428A
179.YK5013	Automann	E-11900
179.YK5014	Automann	E-11901
179.YK5015	Automann	E-11898
179.YK5016	Automann	E-11429A
179.YK5017	Automann	E-11431
179.YK5018	Automann	E-11899
179.YK5019	Automann	E-11427A
179.YK5810	Automann	E-8896
179.YK5812	Automann	E-8897
179.YK5813	Automann	E-8898
179.YK5814	Automann	E-15061
179.YK5815	Automann	E-15067
179.YK5816	Automann	E-15071
17-914	Spicer	E-9732
17-915	Spicer	E-9731
17-920	Spicer	E-9734
17-921	Spicer	E-9733
17-924	Spicer	E-11857
17-925	Spicer	E-11856
17-926	Spicer	E-11859
17-927	Spicer	E-11858
17-928	Spicer	E-9736
17-929	Spicer	E-9735
17-930	Dana	E-10910
17-930	Spicer	E-10910
17-931	Dana	E-10909
17-931	Spicer	E-10909
17-936	Spicer	E-11861
17-937	Spicer	E-11860
17-940	Spicer	E-9738
17-941	Spicer	E-9737
17-946	Spicer	E-11863
17-947	Spicer	E-11862
18 A	Spicer	E-2121
1807A1	Meritor	E-1466
1816HDP	Power Equipment	E-1816HD
1816P	Power Equipment	E-1816HD
1829P198	Meritor	E-2724
18-500	Spicer	E-9646
18-501	Spicer	E-9645
18-502	Spicer	E-9648
18-503	Spicer	E-9647

PART NO.	COMPETITOR	EUCLID NO.
18-504	Eaton	E-9650
18-504	Spicer	E-9650
18-505	Eaton	E-9649
18-505	Spicer	E-9649
18-508	Spicer	E-9654
18-509	Spicer	E-9653
18-510	Spicer	E-9656
18-511	Spicer	E-9655
18-516	Eaton	E-9660
18-516	Spicer	E-9660
18-517	Eaton	E-9659
18-517	Spicer	E-9659
18-518	Spicer	E-9662
18-519	Spicer	E-9661
18-520	Spicer	E-9664
18-521	Spicer	E-9663
18-522	Spicer	E-9666
18-523	Spicer	E-9665
18-528	Spicer	E-9672
18-529	Spicer	E-9671
18-530	Spicer	E-9674A
18-531	Spicer	E-9673A
18-534	Spicer	E-9676
18-535	Spicer	E-9675
18-536	Spicer	E-9678
18-537	Spicer	E-9677
18-538	Spicer	E-9680
18-539	Spicer	E-9679
18-542	Spicer	E-9684
18-543	Spicer	E-9683
1855-000	Haldex	E-612HD
185843R1	Navistar	E-580
18-724	Spicer	E-9690A
18-725	Spicer	E-9689A
18-726	Dana	E-2799
18-726	Spicer	E-2799
18-727	Dana	E-2800
18-727	Spicer	E-2800
18-734	Spicer	E-4887
18-735	Spicer	E-4886
18-736	Spicer	E-9766
18-738	Spicer	E-1775
18-739	Spicer	E-1776
18-740	Dana	E-2786
18-740	Spicer	E-2786
18-741	Dana	E-2787
18-741	Spicer	E-2787

PART NO.	COMPETITOR	EUCLID NO.
18-742	Spicer	E-4740
18-743	Spicer	E-4741
18-746	Spicer	E-3523
18-747	Spicer	E-3524
18-748	Spicer	E-4889
18-749	Spicer	E-4888
18-762	Spicer	E-5130
18-763	Spicer	E-5129
18-766	Spicer	E-5061
18-767	Spicer	E-5060
18-768	Spicer	E-5067
18-769	Spicer	E-5066
18-770	Spicer	E-5132
18-771	Spicer	E-5131
18-772	Spicer	E-5134
18-773	Spicer	E-5133
18-774	Spicer	E-5136
18-775	Spicer	E-5135
18-776	Spicer	E-5063
18-777	Spicer	E-5062
18-781	Spicer	E-9677
18-786	Spicer	E-4703B
18-787	Spicer	E-4702B
18-800	Spicer	E-4705B
18-801	Spicer	E-4705B
18-802	Spicer	E-4706B
18-803	Spicer	E-4707B
18-804	Spicer	E-2478B
18-805	Spicer	E-2479B
18-806	Spicer	E-2700B
18-807	Spicer	E-2701B
18-808	Spicer	E-1773C
18-809	Spicer	E-1774C
18-810	Spicer	E-1147C
18-811	Spicer	E-1148C
18-812	Spicer	E-4708B
18-813	Spicer	E-4709B
18-818	Spicer	E-4710B
18-819	Spicer	E-4711B
18-820	Spicer	E-9672
18-821	Spicer	E-9671
18-824	Spicer	E-9650
18-825	Spicer	E-9649
18-828	Spicer	E-9658
18-829	Spicer	E-9657
18-830	Spicer	E-9660
18-831	Spicer	E-9659

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PART NO.	COMPETITOR	EUCLID NO.
18-832	Spicer	E-9662
18-833	Spicer	E-9661
18-838	Spicer	E-9676
18-839	Spicer	E-9675
18-848	Spicer	E-4992
18-849	Spicer	E-4991
18-850	Spicer	E-9652
18-851	Spicer	E-9651
18-852	Spicer	E-2714A
18-853	Spicer	E-2715A
18-854	Spicer	E-5056
18-855	Spicer	E-5057
18-856	Spicer	E-9696
18-857	Spicer	E-9695
18-858	Spicer	E-9698
18-859	Spicer	E-9697
18-860	Spicer	E-9648
18-861	Spicer	E-9647
18-864	Spicer	E-9654
18-865	Spicer	E-9653
18-866	Spicer	E-9664
18-867	Spicer	E-9663
18-868	Spicer	E-9668
18-869	Spicer	E-9667
18-870	Spicer	E-9694
18-871	Spicer	E-9693
18-872	Spicer	E-9700
18-873	Spicer	E-9699
18-874	Spicer	E-9702
18-875	Spicer	E-9701
1887BHD	Power Equipment	E-1887AHD
1887BHD	Power Equipment	E-1887ASHD
1887HDP	Power Equipment	E-1887AHD
18-892	Spicer	E-9708
18-893	Spicer	E-9707
18-896	Spicer	E-5530
18-897	Spicer	E-5529
18-900	Spicer	E-9712
18-901	Spicer	E-9711
18-930	Spicer	E-5505A
18-931	Spicer	E-5504A
18-936	Spicer	E-9066
18-937	Spicer	E-9065
18-940	Spicer	E-5491
18-941	Spicer	E-5490
18-942	Spicer	E-5493
18-943	Spicer	E-5492

PART NO.	COMPETITOR	EUCLID NO.
18-944	Spicer	E-9772
18-945	Spicer	E-9771
18-972	Spicer	E-9031
18-973	Spicer	E-9030
18-982	Spicer	E-5493
18-983	Spicer	E-5492
18-984	Spicer	E-9770
18-985	Spicer	E-9769
192A	Spicer	E-1607HD
19-853	Spicer	E-1880S
19-853A	Spicer	E-3490B
19-854	Spicer	E-1428A
19-856	Spicer	E-2768
19-857	Spicer	E-1025
19-858	Spicer	E-1025
19-859	Spicer	E-1418
19-860	Spicer	E-2767
19-862	Spicer	E-757
19-863	Spicer	E-1583
19-865	Spicer	E-3512
19-866	Spicer	E-1400
19-870	Spicer	E-752
19-874	Dana	E-2475
19-874	Spicer	E-2475
19-875	Spicer	E-2785
19-876	Spicer	E-2804
19-877	Spicer	E-2805
19-878	Spicer	E-543
19-882	Spicer	E-3481A
19-883	Spicer	E-3228
19-884	Spicer	E-980
19-890	Spicer	E-979
19-891	Spicer	E-2770
19-892	Spicer	E-2724
19-893	Spicer	E-2725
19-896	Spicer	E-3437
19-902	Spicer	E-3872
19-910	Spicer	E-9643
19-912	Spicer	E-2177
19-915	Spicer	E-10197
19-920	Spicer	E-11201
19-922	Spicer	E-5122
19-923	Spicer	E-5123
19A	Spicer	E-1607HD
19P	HDATP	E-1565
19X1083	Meritor	E-11954
19X1084	Meritor	E-11955

PART NO.	COMPETITOR	EUCLID NO.
2000SC	TSE	E-20S
200999-002	Standard Forge	E-1108
20127205LH	IMT	E-3854
20127205RH	IMT	E-3855
20127236LH	IMT	E-3856
20127236RH	IMT	E-3857
2014290C1	Navistar	E-15061
2014291C1	Navistar	E-15062
2014292C1	Navistar	E-15064
2014293C1	Navistar	E-15063
202100-166L	Standard Forge	E-687
202100-166R	Standard Forge	E-686
202100-175L	Standard Forge	E-2795
202100-175R	Standard Forge	E-2794
202100177L	Standard Forge	E-4714A
202100177R	Standard Forge	E-4715A
202100-185L	Standard Forge	E-2413A
202100-185L	Standard Forge	E-689A
202100-185R	Standard Forge	E-2412A
202100-185R	Standard Forge	E-688A
202100-187L	Standard Forge	E-2413A
202100-187R	Standard Forge	E-2412A
202100-205L	Standard Forge	E-1424A
202100-205L	Standard Forge	E-1425A
202100-205L	Standard Forge	E-557
202100-205R	Standard Forge	E-1424A
202100-205R	Standard Forge	E-1425A
202100-205R	Standard Forge	E-556
202100225L	Standard Forge	E-9089
202100225R	Standard Forge	E-9090
202100-236L	Standard Forge	E-1095
202100-236R	Standard Forge	E-1094
202100242L	Standard Forge	E-4717
202100-242L	Standard Forge	E-4716
202100242R	Standard Forge	E-4716
202100-242R	Standard Forge	E-4717
202100-245L	Standard Forge	E-2797
202100-245R	Standard Forge	E-2796
202102-075LH	IMT	E-16826
202102-075RH	IMT	E-16827
202102-094LH	IMT	E-16828
202102-094RH	IMT	E-16829
202102-096LH	IMT	E-16830
202102-096RH	IMT	E-16831
202102-097LH	IMT	E-16832
202102-097RH	IMT	E-16833
202102205LH	IMT	E-1424A

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PART NO.	COMPETITOR	EUCLID NO.
202102205RH	IMT	E-1424A
202102215LH	IMT	E-685
202102215RH	IMT	E-684
202102225LH	IMT	E-4884
202102225RH	IMT	E-4885
202102236LH	IMT	E-1094
202102236RH	IMT	E-1094
202102265LH	IMT	E-7219
202102265RH	IMT	E-7220
202102-83LH	IMT	E-16824
202102-83RH	IMT	E-16825
202103191L	Standard Forge	E-9743
202103191R	Standard Forge	E-9744
202103-213L	Standard Forge	E-1411
202103213LH	IMT	E-1411
202103-213LH	Standard Forge	E-1411
202103-213R	Standard Forge	E-1410
202103213RH	IMT	E-1410
202103-213RH	Standard Forge	E-1410
202103222L	Standard Forge	E-9745
202103222R	Standard Forge	E-9746
202103-233L	Standard Forge	E-1423
202103233LH	IMT	E-1423
202103-233LH	Standard Forge	E-1423
202103-233R	Standard Forge	E-1422
202103233RH	IMT	E-1422
202103-233RH	Standard Forge	E-1422
202103-241L	Standard Forge	E-1421
202-103-241L	Standard Forge	E-1421
202103-241LH	Standard Forge	E-1421
202103-241R	Standard Forge	E-1420
202-103-241R	Standard Forge	E-1420
202103-241RH	Standard Forge	E-1420
202103-247L	Standard Forge	E-2793
202103-247R	Standard Forge	E-2792
202103265LH	IMT	E-9747
202103265RH	IMT	E-9748
202108-074LH	IMT	E-16836
202108-074RH	IMT	E-16837
202108-075LH	IMT	E-16838
202108-075RH	IMT	E-16839
202108-084LH	IMT	E-16840
202108-084RH	IMT	E-16841
202108-091LH	IMT	E-16842
202108-091RH	IMT	E-16843
202108-096LH	IMT	E-16844
202108-096RH	IMT	E-16845

PART NO.	COMPETITOR	EUCLID NO.
202127205LH	IMT	E-3854
202127205RH	IMT	E-3855
202127236LH	IMT	E-3854
202127236RH	IMT	E-3856
202131-074LH	IMT	E-16848
202131-074RH	IMT	E-16849
202131-084LH	IMT	E-16850
202131-084RH	IMT	E-16851
202131-091LH	IMT	E-16852
202131-091RH	IMT	E-16853
202131-096LH	IMT	E-16854
202131-096RH	IMT	E-16855
2024GC	Haldex	E-GC2024
2024GC	Flagg	E-GC2024
203100-001	Standard Forge	E-502
203102-001	Standard Forge	E-512
203105-003	Standard Forge	E-2029
203112-001	Standard Forge	E-2390
203113-001	Standard Forge	E-5304
203205-003	Standard Forge	E-2029
204100-001	Standard Forge	E-2176
204101-001	Standard Forge	E-2177
204101-001	Standard Forge	E-523
204108-001	Standard Forge	E-2395
205100-001	Standard Forge	E-501
205107-001	Standard Forge	E-2396
205948N	Bendix	E-8896
206100-001	Standard Forge	E-947
207184R1	Navistar	E-1147C
207184R1	Navistar	E-1148C
207185R1	Navistar	E-1147C
2086P	Power Equipment	E-2086B
2087P	Power Equipment	E-2087
20-881	Spicer	E-747
20-882	Spicer	E-2399
2088P	Power Equipment	E-2088A
2089P	Power Equipment	E-2089
2090P	Power Equipment	E-2090
209108-001	Standard Forge	E-2104
209108-001	Standard Forge	E-2365
20966R1	Navistar	E-1314
209999-018	Standard Forge	E-2104
209999-019	Standard Forge	E-2103
2099P	Power Equipment	E-2099
20P	HDATP	E-1567
20S	Flagg	E-20S
20S	Haldex	E-20S

PART NO.	COMPETITOR	EUCLID NO.
20S	Paccar	E-20S
210.2033TS	Automann	E-3909
210.2112TS	Automann	E-3910
210.2114TS	Automann	E-11003
210.21316TS	Automann	E-3911
210.7208K	Automann	E-5205
210.ASB8	Automann	E-7653
2100P	Power Equipment	E-2100
210172-001	Standard Forge	E-2518A
211102-001	Standard Forge	E-3775
211102-001	Standard Forge	E-886
212085R1	Navistar	E-1773C
212086R1	Navistar	E-1774C
2121HDP	Power Equipment	E-2121HD
2121P	Power Equipment	E-2121
2122P	Power Equipment	E-2122
2123P	Power Equipment	E-2123
2125P	Power Equipment	E-2125
2126P	Power Equipment	E-2126
2-133	Spicer	E-3781
2-134	Spicer	E-2096
2-138	Spicer	E-2681A
2-139	Spicer	E-2518A
219179PKG	Fruehauf	E-564
21-935	Spicer	E-2689
21P	HDATP	E-1314
2205P1004	Meritor	E-3871
2210-A-5331S	Mack	E-9662
2210A8217	Meritor	E-11636
2210-B-5332S	Mack	E-9661
2210-C-5333S	Mack	E-9672
2210-C-5359S	Mack	E-1147C
2210-C-6165	Mack	E-3516
2210-D-5334S	Mack	E-9671
2210-D-5360S	Mack	E-1148C
2210-D-6166	Mack	E-3517
2210D6738S	Meritor	E-5530
2210-E-5413	Mack	E-1424A
2210-E-5439S	Mack	E-9650
2210-F-5414	Mack	E-1425A
2210-F-5440S	Mack	E-9649
2210F6740S	Meritor	E-9716
2210-G-6169	Mack	E-4900
2210-H-5390S	Mack	E-9663
2210-H-6170	Mack	E-4901
2210K7395F	Meritor	E-11964
2210K7421	Meritor	E-11966

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
2210K7473	Meritor	E-11532
2210K7499	Meritor	E-11540
2210K7551	Meritor	E-9666
2210K7603	Meritor	E-9674A
2210K7837	Meritor	E-4732
2210-L-4328	Mack	E-2442B
2210L6746	Meritor	E-9711
2210L7396	Meritor	E-9645
2210L7396F	Meritor	E-11965
2210L7422	Meritor	E-11967
2210L7474	Meritor	E-11533
2210L7500	Meritor	E-11541
2210L7552	Meritor	E-9665
2210L7604	Meritor	E-9673A
2210L7838	Meritor	E-4733
2210L8176	Meritor	E-11640
2210-M-2483	Mack	E-556
2210-M-4329	Mack	E-2441B
2210-M-5369S	Mack	E-9676
2210M6747	Meritor	E-9712
2210M6851	Meritor	E-9697
2210M7449	Meritor	E-9065
2210M7501	Meritor	E-11542
2210M7787	Meritor	E-11604
2210M8177	Meritor	E-11641
2210-N-2484	Mack	E-1425A
2210-N-4330	Mack	E-2446B
2210-N-5370S	Mack	E-9675
2210N6852	Meritor	E-9698
2210N7450	Meritor	E-9066
2210N7502	Meritor	E-11543
2210N7788	Meritor	E-11605
2210-P-4332	Mack	E-2445B
2210P7426	Meritor	E-9650
2210P7452	Meritor	E-11526
2210P7478	Meritor	E-11534
2210P7530	Meritor	E-11548
2210P7582	Meritor	E-11592
2210P7608	Meritor	E-11568
2210P7660	Meritor	E-11576
2210P7842	Meritor	E-11544
2210P8284	Meritor	E-11635
2210-Q-4333	Mack	E-2444B
2210-Q-5399S	Mack	E-9693
2210-Q-5555S	Mack	E-9695
2210Q6725	Meritor	E-9713
2210Q6751	Meritor	E-9717

PART NO.	COMPETITOR	EUCLID NO.
2210Q7427	Meritor	E-9649
2210Q7453	Meritor	E-11527
2210Q7479	Meritor	E-11535
2210Q7531	Meritor	E-11549
2210Q7583	Meritor	E-11593
2210Q7609	Meritor	E-11569
2210Q7661	Meritor	E-11577
2210Q7843	Meritor	E-11545
2210Q8181	Meritor	E-11968
2210-R-4334	Mack	E-2443B
2210-R-5400S	Mack	E-9694
2210-R-5556S	Mack	E-9696
2210R6726	Meritor	E-9714
2210R6752	Meritor	E-9718
2210R6856	Meritor	E-9699
2210R7428	Meritor	E-11522
2210R7688	Meritor	E-9684
2210R7714	Meritor	E-11590
2210R7766	Meritor	E-11600
2210R7844	Meritor	E-11558
2210R8182	Meritor	E-11969
2210S4907	Meritor	E-10859
2210S7429	Meritor	E-11523
2210S7689	Meritor	E-9683
2210S7715	Meritor	E-11591
2210S7767	Meritor	E-11601
2210S7845	Meritor	E-11559
2210S8157	Meritor	E-2444B
2210S8183	Meritor	E-11610
2210T4908	Meritor	E-10860
2210T7430	Meritor	E-11524
2210T7430F	Meritor	E-11978
2210T7456	Meritor	E-9654
2210T7534	Meritor	E-11550
2210T7560	Meritor	E-11554
2210T8158	Meritor	E-2443B
2210T8184	Meritor	E-11611
2210-U-4181	Mack	E-2451A
2210-U-5533	Mack	E-2412A
2210U7431	Meritor	E-11525
2210U7431F	Meritor	E-11979
2210U7457	Meritor	E-9653
2210U7535	Meritor	E-11551
2210U7561	Meritor	E-11555
2210U7665	Meritor	E-11579
2210U8133F	Meritor	E-11970
2210U8159	Meritor	E-2446B

PART NO.	COMPETITOR	EUCLID NO.
2210U8315	Meritor	E-11622
2210-V-4182	Mack	E-2450A
2210-V-5534	Mack	E-2413A
2210V6860	Meritor	E-9701
2210V7484	Meritor	E-11536
2210V7510	Meritor	E-11546
2210V7666	Meritor	E-11580
2210V7718	Meritor	E-11592
2210V8134F	Meritor	E-11971
2210V8160	Meritor	E-2445B
2210V8316	Meritor	E-11623
2210-W-2639S	Mack	E-2478B
2210-W-4183	Mack	E-2449A
2210-W-5353S	Mack	E-1773C
2210W6731	Meritor	E-9707
2210W6861	Meritor	E-9702
2210W7485	Meritor	E-11537
2210W7511	Meritor	E-11547
2210W7667	Meritor	E-11581
2210W7719	Meritor	E-11593
2210W8317	Meritor	E-11608
2210W8369	Meritor	E-11614
2210-X-5354S	Mack	E-1774C
2210-X-5640S	Mack	E-2479B
2210X6316	Meritor	E-686
2210X6732	Meritor	E-9708
2210X7408	Meritor	E-9648
2210X7564	Meritor	E-11556
2210X7590	Meritor	E-11564
2210X8318	Meritor	E-11609
2210Y2339	Meritor	E-556
2210Y5667S	Meritor	E-4991
2210-Y-5719S	Mack	E-4703B
2210Y6317	Meritor	E-687
2210Y7409	Meritor	E-9647
2210Y7565	Meritor	E-11557
2210Y7591	Meritor	E-11565
2210Y8345	Meritor	E-11612
2210Z2340	Meritor	E-557
2210Z5668S	Meritor	E-4992
2210-Z-5720S	Mack	E-4702B
2210Z7514	Meritor	E-9658
2210Z7618	Meritor	E-11570
2210Z7644	Meritor	E-9678
2210Z7670	Meritor	E-9682
2210Z7696	Meritor	E-11586
2210Z7748	Meritor	E-11598

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PART NO.	COMPETITOR	EUCLID NO.
2210Z8346	Meritor	E-11613
2258B704	Meritor	E-3481A
2258E1123	Meritor	E-3873
2258G579	Meritor	E-3437
2258J400	Meritor	E-10826
2258K1181	Meritor	E-3872
2258K349	Meritor	E-543
2258L1234	Meritor	E-9063
2258L610	Meritor	E-11946
2258P354	Meritor	E-545A
2258Q615	Meritor	E-2767
2258R590	Meritor	E-3512
2258S643	Meritor	E-9069
2258U619BULK	Meritor	E-2768-BK
2258V256	Meritor	E-757
2258W803	Meritor	E-3490B
2258X804	Meritor	E-5088
2258Y1273	Meritor	E-9643
2286P	Power Equipment	E-2286
228798N	Bendix	E-8898
2287P	Power Equipment	E-2287
228884R1	Navistar	E-3472
2297A5123	Meritor	E-2135
2297A5331	Meritor	E-2137
2297B5332	Meritor	E-2136
2297B5670	Meritor	E-2190
2297C5021	Meritor	E-3483
2297C5333	Meritor	E-2139
2297N2874	Meritor	E-3499
2297Y5329	Meritor	E-1137
2297Z5330	Meritor	E-1136
22A	Spicer	KIT1
22P	HDATP	E-1569
234099N	Bendix	E-8891
234100N	Bendix	E-8892
234101N	Bendix	E-8894
234226N	Bendix	E-8889
234362N	Bendix	E-8895
2363P	Power Equipment	E-2363
2382P	Power Equipment	E-2382
239664C1	Navistar	E-1137
2400SC	TSE	E-24S
2402HDP	Power Equipment	E-2402HD
24-1250-0940	Haldex	E-11983
2412P	Power Equipment	E-2412A
2413P	Power Equipment	E-2413A
24-1A	Spicer	E-1887ASHD

PART NO.	COMPETITOR	EUCLID NO.
24-1A-BULK	Spicer	E-1887ASHD
24-1AF	Spicer	E-3801
2424GC	Haldex	E-GC2424
2424GC	Flagg	E-GC2424
2424GC-LS	Haldex	E-GC2424L
2424GC-LS	Flagg	E-GC2424L
2424GP-LS	Haldex	E-GP2424L
2424GP-LS	Flagg	E-GP2424L
2424SB	Power Equipment	E-GC2424
2424T-PREM	TSE	E-GC2424
2424T-STD	TSE	E-GC2424
2430GC	Haldex	E-GC2430
2430GC	Flagg	E-GC2430
2430GC-LS	Haldex	E-GC2430L
2430GC-LS	Flagg	E-GC2430L
2430GP-LS	Haldex	E-GP2430L
2430GP-LS	Flagg	E-GP2430L
2430SB	Power Equipment	E-GC2430
2430T-PC-PREM	TSE	E-GC2430
2430T-PC-STD	TSE	E-GC2430
2430T-PREM	TSE	E-GC2430
2430T-STD	TSE	E-GC2430
2441AP	Power Equipment	E-2441B
2442AP	Power Equipment	E-2442B
2443AP	Power Equipment	E-2443B
2444AP	Power Equipment	E-2444B
2445AP	Power Equipment	E-2445B
2446AP	Power Equipment	E-2446B
2469P	Power Equipment	E-2469
2478AP	Power Equipment	E-2478B
2479AP	Power Equipment	E-2479B
2494P	Power Equipment	E-2494
24A	Spicer	E-1887ASHD
24A-BULK	Spicer	E-1887ASHD
24L-1250-0925	Haldex	E-11983
24P	HDATP	E-1577A
24S	Haldex	E-24S
24S	Flagg	E-24S
24S	Paccar	E-24S
24SL	Haldex	E-24SL
24S-LS	Haldex	E-24SL
24S-LS	Flagg	E-24SL
24S-LS	Paccar	E-24SL
2526P	Power Equipment	E-2526
258009C2	Navistar	E-1128
258024C1	Navistar	E-5531
258024C1	Navistar	E-5541

PART NO.	COMPETITOR	EUCLID NO.
259726C1	Navistar	E-4708B
25A	Spicer	E-2820
25QD410P4	Mack	E-6924B
25QD412	Mack	E-6918A
25QD419	Mack	E-15051
25QD419P2	Mack	E-15055
25QD419P3	Mack	E-15052
25QD419P4	Mack	E-15056
25QD49	Mack	E-6918A
25QD49P2	Mack	E-6914A
25QD51	Dana	E-15024
25QD51	Mack	E-15024
25QD51P2	Dana	E-15016
25QD51P2	Mack	E-15016
25QD51P3	Dana	E-15025
25QD51P3	Mack	E-15025
25QDA259P6	Mack	E-6914A
25QDA259P7	Mack	E-6918A
25QDA340	Mack	E-6918A
264621C1	Navistar	E-1458
264630C1	Navistar	E-5532
265162C1	Navistar	E-4711B
266303C1	Navistar	E-1140
2675HDP	Power Equipment	E-2675HD
2679P	Power Equipment	E-2679A
2680P	Power Equipment	E-2680
268439C1	Navistar	E-1262
2693P	Power Equipment	E-2693
2694P	Power Equipment	E-2694
2696P	Power Equipment	E-2696A
26A	Dana	E-2821
26A	Spicer	E-2821
26X143	Meritor	E-10837
27-1191	Spicer	E-2517
27-1192	Spicer	E-2517
27-1194	Spicer	E-1577A
27-1195	Spicer	E-2102
27-1196	Spicer	E-2695
27-1197	Spicer	E-2361
27-1198	Spicer	E-1571
27-1199	Spicer	E-1385
27-1200	Spicer	E-535
27-1208	Spicer	E-1314
2758A53	Meritor	E-11957
2758Q43	Meritor	E-1458
2758W127	Meritor	E-2476
2769BHD	Power Equipment	E-2769SHD

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**Brake and
Wheel End**

PART NO.	COMPETITOR	EUCLID NO.
2769HDP	Power Equipment	E-2769HD
278016N	Bendix	E-940HD
278016N	Bendix	E-940HDBK
278045N	Bendix	E-612HD
278045N	Bendix	E-612HDBK
278323N	Bendix	E-612SBK
278326N	Bendix	E-940SBK
2797B1042	Meritor	E-8888
2797B106	Meritor	E-8890
2797D56	Meritor	E-8889
27A	Dana	E-5499
27A	Spicer	E-5499
2-806234	Eaton	E-5477
2-806235	Eaton	E-10197
2-806380	Eaton	E-5482
2-807928	Eaton	E-564
2-808058	Eaton	E-3007A
2-808058	Eaton	E-3227
2-808058	Eaton	E-5478
2-809506	Eaton	E-1893
2-809507	Eaton	E-920
2-809512	Eaton	E-747
2-809513	Eaton	E-2767
28-1231	Spicer	E-807
28-1232	Spicer	E-759
28-1233	Spicer	E-536
28-1234	Spicer	E-667
28-1235	Spicer	E-943
28-1236	Spicer	E-943
28-1237	Spicer	E-1567
28-1238	Spicer	E-2690A
28-1239	Spicer	E-662
28-1240	Spicer	E-2407
28-1241	Spicer	E-2408
28-1243	Dana	E-2670
28-1243	Spicer	E-2670
28-1244	Spicer	E-536
28-1246	Spicer	E-712
28-1252	Spicer	E-2380
28-1253	Spicer	E-1271
28-1255	Dana	E-2291
28-1255	Spicer	E-2291
28-1257	Spicer	E-661
28-1258	Dana	E-602
28-1258	Spicer	E-602
28-1260	Spicer	E-2551
28-1263	Spicer	E-3447

PART NO.	COMPETITOR	EUCLID NO.
28-1264	Spicer	E-5127
2-818278	Eaton	E-10197
28-1A	Spicer	E-4515QN
28-1A-BULK	Spicer	E-4515QN
28-1AR	Spicer	E-4515QN
28-1AR-BULK	Spicer	E-4515QN
2821P	Power Equipment	E-2821
28500-1657	Hendrickson	E-14924
2858T46	Meritor	E-1465
286965N	Bendix	E-2458S
286965N	Bendix	E-2458SBK
286965N	Bendix	E-612HD
287899N	Bendix	E-2459HD
288753N	Bendix	E-2459SBK
288795N	Bendix	E-12S
288799N	Bendix	E-16S
288808N	Bendix	E-24S
288813N	Bendix	E-30S
288818N	Bendix	E-36S
289312/13	Bendix	E-6925B
289312/13	Bendix	E-6942
289314/15	Bendix	E-11415
289314/15	Bendix	E-11416
289314/15	Bendix	E-6927B
289314/15	Bendix	E-6944
289654/55	Bendix	E-11902
289654/55	Bendix	E-6924B
289741/42	Bendix	E-6923B
289741/42	Bendix	E-6936
289748/49	Bendix	E-11902
289748/49	Bendix	E-6924B
28A	Spicer	E-4515QHDN
28P	HDATP	E-2407
29-1266	Spicer	E-1416A
29-1267	Dana	E-1272
29-1267	Spicer	E-1272
29-1269	Spicer	E-1416
29-1270	Spicer	E-654
29-1274	Spicer	E-2405
29-1275	Dana	E-2406
29-1275	Spicer	E-2406
29-1280	Spicer	E-1314
29-1282	Dana	E-2717
29-1282	Spicer	E-2717
29-1283	Spicer	E-3469
29-1285	Spicer	E-5128
29-1301	Spicer	E-526

PART NO.	COMPETITOR	EUCLID NO.
29-1302	Spicer	E-1569
29-1303	Spicer	E-3234
29-1306	Dana	E-2720
29-1306	Spicer	E-2720
29-1307	Spicer	E-1782
29-1307	Spicer	E-580
29-1308	Spicer	E-581
29-1309	Spicer	E-564
29-1310	Spicer	E-656
29-1311	Spicer	E-719
29-1312	Spicer	E-2411A
29-1314	Spicer	E-2734
29-1315	Spicer	E-910
29-1318	Spicer	E-1408
29-1319	Dana	E-2404
29-1319	Spicer	E-2404
29-1320	Spicer	E-1781
29-1321	Spicer	E-1782
29-1322	Spicer	E-1565
29-1325	Spicer	E-3473
29-1326	Dana	E-2409
29-1326	Spicer	E-2409
29-1331	Dana	E-2733
29-1331	Spicer	E-2733
29-1333	Spicer	E-3472
29-1334	Spicer	E-3475
29-1335	Spicer	E-3477
29-1336	Spicer	E-3474
29-1337	Spicer	E-3473
29-1338	Spicer	E-3471
29-1339	Spicer	E-3478
29-1344	Spicer	E-5137
29-1345	Spicer	E-3479
29-1346	Spicer	E-5138
29-1A	Spicer	E-4515QHDN
29-1A-BULK	Spicer	E-4515QHDN
295610C1	Navistar	E-2476
29A	Spicer	E-4515QHDN
29P	HDATP	E-1782
29XL	Spicer	E-5515
3000SC	TSE	E-30S
30-1250-0925	Haldex	E-11984
30-1250-0925-4	Haldex	E-11985
30-1347	Spicer	E-2103
30-1357	Dana	E-2104
30-1357	Spicer	E-2104
30-1358	Spicer	E-1318A

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PART NO.	COMPETITOR	EUCLID NO.
30-1361	Spicer	E-1319A
30-1362	Spicer	E-603
30-1364	Dana	E-4586
30-1364	Spicer	E-4586
30-1373	Dana	E-2477B
30-1375	Spicer	E-3859
30-1381	Spicer	E-6076
30-1385	Dana	E-2365
30-1385	Spicer	E-2365
30-1391	Spicer	E-4587
30-1392	Dana	E-4586
30-1392	Spicer	E-4586
30-1398	Spicer	E-4594
30-1399	Spicer	E-4593
3015M86	Mack	E-512
3030GC	Haldex	E-GC3030
3030GC	Flagg	E-GC3030
3030GP	Haldex	E-GP3030
3030GP	Flagg	E-GP3030
3030PB	Power Equipment	E-GP3030
3030SB	Power Equipment	E-GC3030
3030S-PC-PREM	TSE	E-GP3030
3030S-PC-STD	TSE	E-GP3030
3030S-PREM	TSE	E-GP3030
3030S-STD	TSE	E-GP3030
3030T-CF	TSE	E-GC3030
3030T-PC-CF	TSE	E-GC3030
3030T-PC-PREM	TSE	E-GC3030
3030T-PC-STD	TSE	E-GC3030
3030T-PREM	TSE	E-GC3030
3030T-STD	TSE	E-GC3030
3036GC	Haldex	E-GC3036
3036GC	Flagg	E-GC3036
3036GC	Paccar	E-GC3036
3036GP	Haldex	E-GP3036
3036GP	Flagg	E-GP3036
3036GP	Paccar	E-GP3036
305680-900	Fruehauf	E-2122
30A	Spicer	E-4515QMBN
30AR	Spicer	E-4515QMBN
30P	HDATP	E-1781
30S	Flagg	E-30S
30S	Haldex	E-30S
30S	Paccar	E-30S
3105B210	Meritor	E-3007A
3105B210BULK	Meritor	E-3007A-BK

PART NO.	COMPETITOR	EUCLID NO.
31-1401	Spicer	E-4737A
31-1402	Dana	E-4738A
31-1402	Spicer	E-4738A
31-1405	Spicer	E-4739
31-1406	Spicer	E-4935
31-1430	Spicer	E-4934A
31AX436	Mack	E-501
320GB11A	Mack	E-1046
32-1425	Spicer	E-523
32-1427	Spicer	E-586
32-1428	Spicer	E-2177
32-1429	Spicer	E-1406
32-1430	Spicer	E-1582
32-1438	Spicer	E-2176
32-1440	Spicer	E-501
32-1441	Spicer	E-2217A
32-1441	Spicer	E-595
32-1443	Spicer	E-2802
32-1444	Spicer	E-2803
32-1445	Dana	E-2395
32-1445	Spicer	E-2395
32-1446	Dana	E-2396
32-1446	Spicer	E-2396
32-1458	Spicer	E-3511
32-1463	Spicer	E-3421A
32-1464	Spicer	E-3421A
32-1465	Spicer	E-3421A
32-1467	Spicer	E-3483
32-1468	Spicer	E-3482
32-1471	Spicer	E-5477
324095N	Bendix	E-2745
3264E1279	Meritor	E-11934
3264R1292	Meritor	E-11935
327185C91	Navistar	E-3995
3280Y8189	Meritor	E-5531
3291P	Power Equipment	E-3291
329665C1	Navistar	E-1136
3299A5981	Meritor	E-2681A
3299U5299	Meritor	E-2096
33117-000	Hendrickson	E-1307
33-1477	Spicer	E-886
33-1478	Spicer	E-886
33-1493	Spicer	E-2807
33-1499	Spicer	E-3775
334-475	Dayton Parts	E-1307
334-936	Dayton Parts	E-9575
3349P	Power Equipment	E-9659

PART NO.	COMPETITOR	EUCLID NO.
3350P	Power Equipment	E-9660
3351P	Power Equipment	E-9661
3352P	Power Equipment	E-9662
3398AS1031	Mack	E-15015
3398AS1032	Mack	E-15016
3398AS1033	Mack	E-15017
3398AS1034	Mack	E-15018
3398AS1035	Mack	E-15019
3398AS1036	Mack	E-15020
3398AS1037	Mack	E-15021
3398AS1038	Mack	E-15022
3398AS1039	Mack	E-15023
3398AS1042	Mack	E-15026
3398AS1043	Mack	E-15027
3398AS1044	Mack	E-15028
3398AS1045	Mack	E-15029
3398AS1131	Mack	E-15015
3398AS1132	Mack	E-15016
3398AS1133	Mack	E-15017
3398AS1134	Mack	E-15018
3398AS1135	Mack	E-15019
3398AS1136	Mack	E-15020
3398AS1137	Mack	E-15021
3398AS1138	Mack	E-15022
3398AS1139	Mack	E-15023
3398AS1140	Mack	E-15024
3398AS1141	Mack	E-15025
3398AS1142	Mack	E-15026
3398AS1143	Mack	E-15027
3398AS1144	Mack	E-15028
3398AS1145	Mack	E-15029
3398AS1146	Mack	E-15030
3398AS1147	Mack	E-15031
3398AS1148	Mack	E-15032
3398AS1149	Mack	E-15033
3398AS1150	Mack	E-15034
3398AS1151	Mack	E-15035
3398AS1152	Mack	E-15036
3398AS1153	Mack	E-15037
3398AS1154	Mack	E-15038
3398AS1156	Mack	E-15040
3398AS1157	Mack	E-15041
3398AS1159	Mack	E-15042
3398AS1160	Mack	E-15043
3398AS1161	Mack	E-15044
3398AS1162	Mack	E-15045
3398AS1163	Mack	E-15046

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PART NO.	COMPETITOR	EUCLID NO.
3398AS1164	Mack	E-15047
3398AS1165	Mack	E-15048
3398AS1166	Mack	E-15049
3398AS1167	Mack	E-15050
3398AS1168	Mack	E-15051
3398AS1169	Mack	E-15052
3398AS1170	Mack	E-15053
3398AS1171	Mack	E-15054
3398AS1172	Mack	E-15055
3398AS1173	Mack	E-15056
3398AS1174	Mack	E-15057
3398AS1175	Mack	E-15058
3398AS1176	Mack	E-15059
3398AS1179	Mack	E-15060
3398AS3000	Mack	E-15061
3398AS3001	Mack	E-15062
3398AS3002	Mack	E-15063
3398AS3003	Mack	E-15064
3398AS3013	Mack	E-15067
3398AS3015	Mack	E-15068
3398AS3016	Mack	E-15069
3398AS3017	Mack	E-15070
3398AS3018	Mack	E-15071
3398AS3019	Mack	E-15072
3398AS3021	Mack	E-15073
33P	HDATP	E-2411A
340210C91	Navistar	E-1261
34-1526	Spicer	E-527
34-1527	Spicer	E-2392
34-1528	Spicer	E-538
34-1529	Spicer	E-539
34-1530	Spicer	E-3227
34-1531	Spicer	E-1581
34-1532	Spicer	E-3007A
34-1535	Dana	E-1106
34-1535	Spicer	E-1106
34-1536	Dana	E-1107
34-1536	Spicer	E-1107
34-1539	Spicer	E-579A
34-1540	Spicer	E-773
34-1541	Spicer	E-1307
34-1542	Spicer	E-1308
34-1544	Spicer	E-2401
34-1547	Spicer	E-5093
34-1549	Spicer	E-3426
34-1550	Spicer	E-2723
34-1552	Spicer	E-3427

PART NO.	COMPETITOR	EUCLID NO.
34-1558	Spicer	E-714
34-1561	Spicer	E-3871
34-1562	Spicer	E-3874
34-1563	Spicer	E-4736
34-1565	Spicer	E-3513
34-1570	Spicer	E-5478
34-188-00	Dexter	E-10921
34-188-01	Dexter	E-10917
34-188-03	Dexter	E-10923
34-188-04	Dexter	E-10919
34-188-05	Dexter	E-10925
34-188-09	Dexter	E-10929
34-188-11	Dexter	E-10927
34-189-00	Dexter	E-10922
34-189-01	Dexter	E-10918
34-189-03	Dexter	E-10924
34-189-04	Dexter	E-10920
34-189-05	Dexter	E-10926
34-189-09	Dexter	E-10930
34-189-11	Dexter	E-10928
34-1A	Spicer	E-4515X
34-1A-BULK	Spicer	E-4515X
341SM18	Mack	E-539
3425Q26	Mack	E-563
3430001X	MGM Brakes	E-GP3030
3446P	Power Equipment	E-3446
3468P	Power Equipment	E-3468A
3484P	Power Equipment	E-3484
34A	Dana	E-4515XHD
34A	Spicer	E-4515XHD
34A-BULK	Spicer	E-4515XHD
34P	HDATP	E-910
35-1576	Spicer	E-537
35-1577	Spicer	E-563
35-1579	Spicer	E-537
35-1580	Spicer	E-1113
35-1581	Dana	E-2391
35-1581	Spicer	E-2391
35-1582	Spicer	E-1269
3518P	Power Equipment	E-3518
3520P	Power Equipment	E-3520A
352680C91	Navistar	E-654
35P	HDATP	E-943
3600SC	TSE	E-36S
3-607	Spicer	E-3234
36-1250-0875	Haldex	E-11986
36-1653	Spicer	E-1108

PART NO.	COMPETITOR	EUCLID NO.
36-1657	Spicer	E-632
361716C91	Navistar	E-2141
3636GC	Haldex	E-GC3636
3636GC	Flagg	E-GC3636
3636GC	Paccar	E-GC3636
36P	HDATP	E-2361
36S	Haldex	E-36S
36S	Flagg	E-36S
36S	Paccar	E-36S
3710BHD	Power Equipment	E-3710SHD
3710HDP	Power Equipment	E-3801
3736N326	Meritor	E-2735A
382A	Meritor	E-TM382A
3858P	Power Equipment	E-9644
385957C1	Navistar	E-1776
385958C1	Navistar	E-1775
385960C1	Navistar	E-1418
385A	Meritor	E-TM385A
3869P	Power Equipment	E-3869
3876P	Power Equipment	E-3876
387A	Meritor	E-TM387A
387AS	Meritor	E-TM387AS
3895P	Power Equipment	E-3895S
38A	Spicer	E-4515U
390A	Meritor	E-TM390A
394A	Meritor	E-TM394A
394CS	Meritor	E-TM394CS
395A	Meritor	E-TM395A
3989P	Power Equipment	E-3989AHD
3993P	Power Equipment	E-3993B
400-10001	Power Equipment	E-6900A
400-10001	Haldex	E-6900A
400-10002	Haldex	E-6907A
400-10003	Haldex	E-6906A
400-10004	Haldex	E-6902A
400-10005	Haldex	E-6903A
400-10008	Haldex	E-6905A
400-10010	Haldex	E-6913
400-10140	Haldex	E-6925B
400-10141	Haldex	E-6927B
400-10142	Haldex	E-6923B
400-10143	Haldex	E-6924B
400-10144	Haldex	E-6918A
400-10145	Haldex	E-6914A
400-10146	Haldex	E-6919A
400-10155	Haldex	E-10892
400-10156	Haldex	E-10893

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PART NO.	COMPETITOR	EUCLID NO.
400-10211	Power Equipment	E-6944
400-10211	Haldex	E-6944
400-10212	Power Equipment	E-6942
400-10212	Haldex	E-6942
400-10213	Haldex	E-6947
400-10214	Power Equipment	E-6946
400-10214	Haldex	E-6946
400-10216	Power Equipment	E-6936
400-10216	Haldex	E-6936
400-10305	Haldex	E-6933
400-10306	Haldex	E-6928
400-10402	Haldex	E-6951A
400-20211	Haldex	E-11921
400-20212	Haldex	E-11922
400-20213	Haldex	E-11923
400-20214	Haldex	E-11924
400-20215	Haldex	E-11925
400-20216	Haldex	E-11926
409-10584	Haldex	E-6951A
409-10600	Haldex	E-6912
409-10635	Haldex	E-10892
409-10648	Haldex	E-10893
409-10653	Haldex	E-6927B
409-10655	Haldex	E-6933
409-10656	Haldex	E-6928
409-10658	Haldex	E-6900A
409-10659	Haldex	E-6902A
409-10660	Haldex	E-6906A
409-10661	Haldex	E-6907A
409-10662	Haldex	E-6903A
409-10663	Haldex	E-6905A
409-10673	Haldex	E-6942
409-10674	Haldex	E-6946
409-10675	Haldex	E-6936
409-10678	Haldex	E-6918A
409-10679	Haldex	E-6919A
409-10680	Haldex	E-6914A
409-10683	Haldex	E-6944
409-10684	Haldex	E-6947
409-10733	Haldex	E-6924B
409-10741	Haldex	E-6923B
409-10742	Haldex	E-6925B
409-20000	Haldex	E-11925
409-20002	Haldex	E-11921
409-20004	Haldex	E-11926
409-20024	Haldex	E-11923
409-20025	Haldex	E-11924

PART NO.	COMPETITOR	EUCLID NO.
40A	Spicer	E-2126
40M009	Haldex	E-8888
417488C1	Navistar	E-3859
41A	Spicer	E-2286
41AX167	Mack	E-537
427-10430	Haldex	E-6958
427-10548	Haldex	E-6956
427-10553	Haldex	E-10262
427-10558	Haldex	E-427K
427-10562	Haldex	E-6966A
427-10565	Haldex	E-6967A
427-10566	Haldex	E-6983
427-10567K	Haldex	E-6984
42A	Spicer	E-2030HD
430394C1	Navistar	E-2714A
430395C1	Navistar	E-2715A
431101BG	Dayton Parts	E-4311EHDN
4311EHD	Dayton Parts	E-4311EHDN
4311EHDK	Dayton Parts	E-4311EHDN
4311HD	Dayton Parts	E-4311EHDN
431566C1	Navistar	E-2787
431567C1	Navistar	E-2786
43-7029	Spicer	E-2087
43-7030	Spicer	E-2680
43-7031	Spicer	E-2526
43-7032	Spicer	E-2287
43-7033	Spicer	E-2469
43-7033	Spicer	E-2526
43-7034	Spicer	E-2086B
43-7035	Spicer	E-2086B
43-7035	Dana	E-2287
43-7035	Spicer	E-2287
43-7036	Spicer	E-1357A
43-7037	Spicer	E-2282
43-7037	Spicer	E-2382
43-7037A	Spicer	E-3520A
43-7038	Spicer	E-2122
43-7039	Spicer	E-2090
43-7040	Dana	E-2494
43-7040	Spicer	E-2494
43-7041	Spicer	E-2125
43-7042	Dana	E-2089
43-7042	Spicer	E-2089
43-7042	Spicer	E-2123
43-7043	Spicer	E-2696A
43-7043A	Spicer	E-2696A
43-7044	Spicer	E-2088A

PART NO.	COMPETITOR	EUCLID NO.
43-7044A	Spicer	E-2363
43-7046	Spicer	E-2679A
43-7046A	Spicer	E-2679A
43-7047	Spicer	E-3993B
43-7048	Spicer	E-3993B
43-7050	Spicer	E-3468A
43-7051	Spicer	E-3446
437053A	Spicer	E-3353A
43-7059	Spicer	E-3876
43-7060	Spicer	E-5140
43-7061	Spicer	E-3354
43-7062	Spicer	E-5307
43-7064	Spicer	E-7235
43-7068	Spicer	E-9053
43-7069	Spicer	E-5501
43-7071	Spicer	E-9078HD
43-7072A	Spicer	E-6078
43-7115	Spicer	E-10897
43-7118	Spicer	E-11910
43A	Spicer	KIT1
43P	HDATP	E-1357A
448-4839	Stemco	E-1922
448-4864	Stemco	E-1906
449-4974	Stemco	E-1925
449-4975	Stemco	E-1925
44A	Spicer	E-3484
44M009	Haldex	E-8889
44M011	Haldex	E-9115
44P	HDATP	E-2363
451565B	Dayton Parts	E-4515QHDC
4515P	Dayton Parts	E-4515P
4515P00	Dayton Parts	E-4515P
4515P00BG	Dayton Parts	E-4515P
4515P05	Dayton Parts	E-4515P
4515P05BG	Dayton Parts	E-4515P
4515P10BG	Dayton Parts	E-4515P
4515P60	Dayton Parts	E-4515PHD
4515P60BG	Dayton Parts	E-4515PHD
4515P65	Dayton Parts	E-4515PHD
4515P65BG	Dayton Parts	E-4515PHD
4515PHD	Dayton Parts	E-4515PHD
4515PHDK	Dayton Parts	E-4515PHD
4515PK	Dayton Parts	E-4515P
4515Q	Dayton Parts	E-4515QN
4515Q00	Dayton Parts	E-4515QN
4515Q00BG	Dayton Parts	E-4515QN
4515Q01	Dayton Parts	E-4515QN

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PART NO.	COMPETITOR	EUCLID NO.
4515Q01B	Dayton Parts	E-4515QB
4515Q01BG	Dayton Parts	E-4515QN
4515Q04BG	Dayton Parts	E-4515QN
4515Q05	Dayton Parts	E-4515QN
4515Q05BG	Dayton Parts	E-4515QN
4515Q10	Dayton Parts	E-4515QMBN
4515Q10BG	Dayton Parts	E-4515QMBN
4515Q11	Dayton Parts	E-4515QMBN
4515Q11BG	Dayton Parts	E-4515QMBN
4515Q12	Dayton Parts	E-4515U
4515Q12BG	Dayton Parts	E-4515U
4515Q13	Dayton Parts	E-4515U
4515Q13BG	Dayton Parts	E-4515U
4515Q15	Dayton Parts	E-4515QMBN
4515Q30	Dayton Parts	E-4515QHDN
4515Q30BG	Dayton Parts	E-4515QHDN
4515Q30BGP	Dayton Parts	E-4515QHDB
4515Q30P	Dayton Parts	E-4515QHDN
4515Q31B	Dayton Parts	E-4515QHDB
4515Q31BG	Dayton Parts	E-4515QHDN
4515Q34	Dayton Parts	E-4515QHDN
4515Q34B	Dayton Parts	E-4515QHDB
4515Q34BG	Dayton Parts	E-4515QHDN
4515Q34BGP	Dayton Parts	E-4515QHDB
4515Q35	Dayton Parts	E-4515QHDN
4515Q35BG	Dayton Parts	E-4515QHDN
4515Q40	Dayton Parts	E-4515QMB-HDN
4515Q40BG	Dayton Parts	E-4515QMB-HDN
4515Q41	Dayton Parts	E-4515QMB-HDN
4515Q41BG	Dayton Parts	E-4515QMB-HDN
4515Q42	Dayton Parts	E-4515UHDN
4515Q42BG	Dayton Parts	E-4515UHDN
4515Q43	Dayton Parts	E-4515UHDN
4515Q43BG	Dayton Parts	E-4515UHDN
4515Q45	Dayton Parts	E-4515QMB-HDN
4515Q46	Dayton Parts	E-4515UHDN
4515Q46BG	Dayton Parts	E-4515UHDN
4515Q65BG	Dayton Parts	E-4515QHDC
4515Q94	Dayton Parts	E-4515QN
4515QHD	Dayton Parts	E-4515QHDN
4515QHDK	Dayton Parts	E-4515QHDN
4515QK	Dayton Parts	E-4515QN
4515QMB	Dayton Parts	E-4515QMBN

PART NO.	COMPETITOR	EUCLID NO.
4515QMBHD	Dayton Parts	E-4515QMB-HDN
4515QMBHDB	Dayton Parts	E-4515QMB-HDB
4515QMBHDK	Dayton Parts	E-4515QMB-HDN
4515QMBK	Dayton Parts	E-4515QHDN
4515QMHD	Dayton Parts	E-4515QMB-HDN
4515QMM	Dayton Parts	E-4515U
4515QMMHD	Dayton Parts	E-4515UHDN
4515T60	Dayton Parts	E-4515PHD
4515T60BG	Dayton Parts	E-4515PHD
4515T65	Dayton Parts	E-4515PHD
4515T65B	Dayton Parts	E-4515PHD
4515T65BG	Dayton Parts	E-4515PHD
4515U	Dayton Parts	E-4515U
4515UHD	Dayton Parts	E-4515UHDN
4515X	Dayton Parts	E-4515X
4515X00BG	Dayton Parts	E-4515X
4515X01	Dayton Parts	E-4515X
4515X01BG	Dayton Parts	E-4515X
4515X05	Dayton Parts	E-4515X
4515X05BG	Dayton Parts	E-4515X
4515X30	Dayton Parts	E-4515XHD
4515X30BG	Dayton Parts	E-4515XHD
4515X31	Dayton Parts	E-4515XHD
4515X31BG	Dayton Parts	E-4515XHD
4515X34	Dayton Parts	E-4515XHD
4515X34BG	Dayton Parts	E-4515XHD
4515X35	Dayton Parts	E-4515XHD
4515X35BG	Dayton Parts	E-4515XHD
4515X65B	Dayton Parts	E-4515XHDC
4515X65BG	Dayton Parts	E-4515XHD
4515XHD	Dayton Parts	E-4515XHD
4515XK	Dayton Parts	E-4515X
452-10125	Haldex	E-452A
452-10129	Haldex	E-2307
4524MQ	Dayton Parts	E-4720QHDN
4524MQ30	Dayton Parts	E-4720QHDN
4524MQ30BG	Dayton Parts	E-4720QHDN
453X	Meritor	E-TM453X
45A	Dana	E-2403HD
45A	Spicer	E-2403HD
45BC	Meritor	E-TM45BC
45P	HDATP	E-2382
4602-ROC	NAPA	E-1139
4602RW	Dana	E-1139

PART NO.	COMPETITOR	EUCLID NO.
4602RW	Spicer	E-1139
4602S	Dana	E-1139
4602S	Spicer	E-1139
4602S	Uni-Bond	E-1139
4602S	UBS	E-1139
4602SB	HDATP	E-1139
4615RW	Dana	E-2689
4615RW	Spicer	E-2689
4615S	UBS	E-2689
462421C1	Navistar	E-4886
462422C1	Navistar	E-4887
462424C1	Navistar	E-2475
4691P	Power Equipment	E-4691
46P	HDATP	E-2086B
470901BG	Dayton Parts	E-4709ESN
470902BG	Dayton Parts	E-4709ES2N
4709ES	Dayton Parts	E-4709ESN
4709ES1P	Dayton Parts	E-4709ESN
4709ES2	Dayton Parts	E-4709ES2N
4709ES2P	Dayton Parts	E-4709ES2N
4716P	Power Equipment	E-4716
4717P	Power Equipment	E-4717
4720P	Power Equipment	E-4720
4721P	Power Equipment	E-4721
472958C1	Navistar	E-512
472976C1	Navistar	E-1428A
4730P	Power Equipment	E-9672
4731P	Power Equipment	E-9671
474497C9	Navistar	E-2804
474498C1	Navistar	E-2805
474546C1	Navistar	E-502
478888C91	Navistar	E-2290
47A	Dana	E-3782
47A	Spicer	E-3782
47P	HDATP	E-2123
4800P	Power Equipment	E-4800
482438C1	Navistar	E-3424
487473C1	Navistar	E-3437
487479C1	Navistar	E-3499
4896P	Power Equipment	E-9649
4897P	Power Equipment	E-9650
48P	HDATP	E-2125
491688C1	Navistar	E-1140
492283C1	Navistar	E-2768
492A	Meritor	E-TM492A
493186C1	Navistar	E-3513
495AX	Meritor	E-TM495AX

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PART NO.	COMPETITOR	EUCLID NO.
49P	HDATP	E-2090
500371-8	Dana	E-1107
500371-8	Spicer	E-1107
500539-5	Dana	E-773
500539-5	Spicer	E-773
501788C1	Navistar	E-3523
501789C1	Navistar	E-3524
50-2A	Dana	E-2740
50-2A	Spicer	E-2740
506673C1	Navistar	E-4888
506674C1	Navistar	E-4889
5094P	Power Equipment	E-5094A
50P	HDATP	E-2122
51-1A	Spicer	E-4691
51-1A	Spicer	E-6879
51-1AK	Dana	E-4800
51-1AK	Spicer	E-4800
5139P	Power Equipment	E-5139
5140P	Power Equipment	E-5140
52-1A	Spicer	E-4692
5-2236B	Eaton	KIT4S
5-2237B	Eaton	KIT4SHD
5-2238B	Eaton	E-1816S
5-2239B	Eaton	E-1816SHD
5-2240B	Eaton	E-2121
5-2242B	Eaton	E-5139
52243B	Eaton	E-1887ASHD
5-2244B	Eaton	E-2402HD
5-2245B	Eaton	E-2769S
5-2245B	Eaton	E-4515QN
5-2247B	Eaton	E-3710S
53-1A	Dana	E-3291
53-1A	Spicer	E-3291
53P	HDATP	E-2287
54002R	Tramec	E-684
54003L	Tramec	E-685
54004R	Tramec	E-1094
54005L	Tramec	E-1095
54006R	Tramec	E-1424A
54007L	Tramec	E-1425A
54008R	Tramec	E-688A
54009L	Tramec	E-689A
54010R	Tramec	E-2794
54011L	Tramec	E-2795
54012R	Tramec	E-2796
54013L	Tramec	E-2797
54014L	Tramec	E-2441B

PART NO.	COMPETITOR	EUCLID NO.
54015R	Tramec	E-2442B
54016L	Tramec	E-2443B
54017R	Tramec	E-2444B
54018L	Tramec	E-2445B
54019R	Tramec	E-2446B
54020L	Tramec	E-1563
54021R	Tramec	E-1564
54022L	Tramec	E-2099
54023R	Tramec	E-2100
54024L	Tramec	E-1789
54024R	Tramec	E-1788
54025L	Tramec	E-1789
54026R	Tramec	E-686
54027L	Tramec	E-687
54028R	Tramec	E-690
54029L	Tramec	E-691
54030R	Tramec	E-1393
54031L	Tramec	E-1394
54032R	Tramec	E-1410
54033L	Tramec	E-1411
54034R	Tramec	E-1420
54035L	Tramec	E-1421
54036R	Tramec	E-1422
54037L	Tramec	E-1423
54038R	Tramec	E-2494
54039L	Tramec	E-2493
54040R	Tramec	E-1147C
54041L	Tramec	E-1148C
54042R	Tramec	E-1773C
54043L	Tramec	E-1774C
54044R	Tramec	E-1775
54045L	Tramec	E-1776
54046R	Tramec	E-2478B
54047L	Tramec	E-2479B
54048R	Tramec	E-2799
54049L	Tramec	E-2800
54050R	Tramec	E-2450A
54051L	Tramec	E-2449A
54052R	Tramec	E-2694
54053L	Tramec	E-2693
54056R	Tramec	E-2448A
54057L	Tramec	E-2447A
54058R	Tramec	E-2452A
54059L	Tramec	E-2451A
54060L	Tramec	E-9659
54061R	Tramec	E-9660
54062L	Tramec	E-9661

PART NO.	COMPETITOR	EUCLID NO.
54063R	Tramec	E-9662
54064L	Tramec	E-9657
54065R	Tramec	E-9658
54068R	Tramec	E-2792
54069L	Tramec	E-2793
54070L	Tramec	E-3516
54071R	Tramec	E-3517
54088R	Tramec	E-2700B
54089L	Tramec	E-2701B
54092R	Tramec	E-2786
54093L	Tramec	E-2787
54094L	Tramec	E-3524
54094R	Tramec	E-3523
5481P	Power Equipment	E-5481A
5499P	Power Equipment	E-5499
5515P	Power Equipment	E-5515
55200C	Meritor	E-TM55200C
55206C	Meritor	E-TM55206C
552A	Meritor	E-TM552A
555S	Meritor	E-TM555-S
557S	Meritor	E-TM557-S
55A	Spicer	E-1308Q
55P	HDATP	E-2469
56098R1	Navistar	E-2218
56103R1	Navistar	E-501
56104R1	Navistar	E-502
56105R1	Navistar	E-579A
56106R1	Navistar	E-1269
56106R1	Navistar	E-1426
56106R1	Navistar	E-537
56107R1	Navistar	E-563
56108R1	Navistar	E-538
56109R1	Navistar	E-543
56110R1	Navistar	E-686
56111R1	Navistar	E-687
56115R1	Navistar	E-581
56116R1	Navistar	E-580
56119R98	Navistar	E-535
56121R2	Navistar	E-654
56121R3	Navistar	E-654
56P	HDATP	E-2087
5-808330	Eaton	E-5481A
5-808330B	Eaton	E-5481A
585958C1	Navistar	E-1775
588992C91	Navistar	E-9662
588993C91	Navistar	E-9661
58AX117	Mack	E-752

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PART NO.	COMPETITOR	EUCLID NO.
590173C91	Navistar	E-1773C
59174C91	Navistar	E-1774C
592A	Meritor	E-TM592A
593A	Meritor	E-TM593A
594A	Meritor	E-TM594A
598A	Meritor	E-TM598A
5X640	Meritor	E-537
60A	Spicer	E-2713
60P	HDATP	E-2670
61P	HDATP	E-2291
62322R1	Navistar	E-1880B
62333R1	Navistar	E-544
6-261	Spicer	E-864
63-1A	Dana	E-10244
63-1A	Spicer	E-4709ES2N
6461A	Meritor	E-TM6461A
665A	Meritor	E-TM665A
66740(2)	HalDEX	E-2122
67324 (2)	HalDEX	E-2090
67326(2)	HalDEX	E-2125
67328 (2)	HalDEX	E-2088A
67329 (2)	HalDEX	E-1357A
67332 (2)	HalDEX	E-2287
67353 (2)	HalDEX	E-2680
67354 (2)	HalDEX	E-2696A
67678R1	Navistar	E-1781
681A	Meritor	E-TM681A
6879P	Power Equipment	E-6879
68A	Spicer	E-3518
69339R1	Navistar	E-526
69340R1	Navistar	E-603
6QD120	Mack	E-714
70A	Spicer	E-7231
71-1A	Spicer	E-7237
72188C	Meritor	E-TM72188C
72200C	Meritor	E-TM72200C
72212C	Meritor	E-TM72212C
72218C	Meritor	E-TM72218C
72225C	Meritor	E-TM72225C
7-806526	Eaton	E-5492
7-806527	Eaton	E-5493
7-806654	Eaton	E-4721
7-806654	Eaton	E-5496
7-806655	Eaton	E-4720
7-806655	Eaton	E-5497
7-808708	Eaton	E-5490
7-808709	Eaton	E-5491

PART NO.	COMPETITOR	EUCLID NO.
7-810538	Eaton	E-9057
7-810539	Eaton	E-9058
781A	MGM Brakes	E-2144
781P	MGM Brakes	E-2144
78215C	Meritor	E-TM78215C
78250AC	Meritor	E-TM78250AC
80A	Spicer	E-9070
80AX269	Mack	E-712
8-1042	Fruehauf	E-1887ASHD
813445N	Bendix	E-10897
81A	Spicer	E-9644
8235-2210H5364	Mack	E-9669
8235-A1205V1556	Mack	E-654
8410KT	Crewson	E-11883
8410KTA	Crewson	E-11881
8415KT	Crewson	E-11884
8420KT	Crewson	E-11882
8420KTA	Crewson	E-11890
8425KT	Crewson	E-11885
87HU2314AA	Ford	E-15024
88119R1	Navistar	E-526
8QH2130C	Ford	E-1782
95373R2	Navistar	E-662
95A	Spicer	E-11747
966152R1	Navistar	E-2701B
966153R1	Navistar	E-2700B
966197R1	Navistar	E-920
974401R1	Navistar	E-1425A
97999R1	Navistar	E-1782
97AX19	Mack	E-5093
97AX75	Mack	E-5093
983622R1	Navistar	E-747
999195-205	Standard Forge	E-4737A
999195-206	Standard Forge	E-4738A
A1200	Sirco	E-BC12S
A1205D2110	Meritor	E-3878
A1205P1602	Meritor	E-3469
A1205S1943	Meritor	E-1269
A1229S4179	Meritor	E-7660
A1229W2545	Meritor	E-3008
A13105Q1213	Meritor	E-11952
A13236C1823	Meritor	E-11943
A13236Q2123	Meritor	E-11940
A13264J114	Meritor	E-11941
A15156	Hendrickson	E-15017
A15189	Hendrickson	E-15030
A15P	HDATP	E-2121

PART NO.	COMPETITOR	EUCLID NO.
A15P	HDATP	E-2121HD
A1779M195	Meritor	E-1118
A2000	Sirco	E-BC20S
A20689	Hendrickson	E-2766S
A20690	Hendrickson	E-523
A20695	Hendrickson	E-8938
A20823	Hendrickson	E-807
A22297U4597	Meritor	E-5539
A2247D1018	Meritor	E-1261
A2247E1019	Meritor	E-2141
A2247F1020	Meritor	E-2142
A2297B5670	Meritor	E-5540
A23264P1082	Meritor	E-11937
A2400	Sirco	E-BC24S
A3000	Sirco	E-BC30S
A3105D1148	Meritor	E-9784
A3105L1078	Meritor	E-6076
A31705M221	Meritor	E-5532
A3222S2021	Meritor	E-1139
A3256H1152	Meritor	E-11913
A3264C1381	Meritor	E-11936
A3264S227	Meritor	E-11938
A3280E6817	Meritor	E-PB1216
A3280U8185	Meritor	E-3996
A3280V8186	Meritor	E-3997
A3280W8187	Meritor	E-3998
A3280X8188	Meritor	E-3999
A3333B4734	Meritor	E-A3-4734
A3722T358	Mack	E-2689
A3722T358	Meritor	E-2689
A3736W907	Meritor	E-11939
A43264T228	Meritor	E-11942
A4X1883	Meritor	E-11988
A5P	HDATP	KIT5
A613B	HDATP	E-1113
ABP-N42A12SCND	Alliance	E-BC12S
ABP-N42A16SCND	Alliance	E-BC16S
ABP-N42A20SCND	Alliance	E-BC20S
ABP-N42A24SC3ND	Alliance	E-BC24SEL
ABPN42A24SCD	Alliance	E-BC24S
ABPN42A30PB-K3D	Alliance	E-BC3030PEL
ABPN42A30PB-KD	Alliance	E-BC3030PL

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PART NO.	COMPETITOR	EUCLID NO.
ABP-N42A30SC3ND	Alliance	E-BC30SEL
ABP-N42A30SCND	Alliance	E-BC30S
ABP-N42A33030CD	Alliance	E-BC3030C
ABPN42A3L-R3030CD	Alliance	E-BC3030C
ABP-N42A42424CD	Alliance	E-BC2424C
ABP-N42A42430CD	Alliance	E-BC2430C
ABP-N42A43030CD	Alliance	E-BC3030CEL
ABP-N42AS42100	Alliance	E-10779A
ABP-N42AS42106	Alliance	E-10781A
ACA-003265	Fruehauf	E-943
ACC-001996-902	Fruehauf	E-2121
ACC-001996-923	Fruehauf	E-3710HD
ACC-001996-923	Fruehauf	E-3710S
ACC-005963-900	Fruehauf	E-1597A
ACD-002193-005	Fruehauf	E-4891
ACD-002193-006	Fruehauf	E-4890
ACD-002193-PK5	Fruehauf	E-4891
ACD-002193-PK6	Fruehauf	E-4890
ACD-002232-001	Fruehauf	E-1582
ACD-002232-PK1	Fruehauf	E-1582
ACD-002233-001	Fruehauf	E-1581
ACD-002285-900	Fruehauf	E-1577A
ACD-002287-001	Fruehauf	E-1583
ACD-2193-5	Fruehauf	E-4891
ACD-2193-6	Fruehauf	E-4890
ACD-2233-1	Fruehauf	E-1581
ACD-2285-900	Fruehauf	E-1577A
ACE-006116-001	Fruehauf	E-3781
ACE-006367-006	Fruehauf	E-30S

PART NO.	COMPETITOR	EUCLID NO.
ACE-006367-025	Fruehauf	E-30S
ACE-009910-001	Fruehauf	E-523
ACE-009911-001	Fruehauf	E-3228
ACE-009911-EX1	Fruehauf	E-3228
ACE-009911-PKG	Fruehauf	E-3228
ACE-009911-PKG	Fruehauf	E-3490B
ACF-000015-001	Fruehauf	E-1574HD
ACF-000015-PK1	Fruehauf	E-1574HD
ACF-000015-PK1	Fruehauf	E-1574SBK
ACF-001328-001	Fruehauf	E-3227
ACF-002668-00X	Eaton	E-9061
ACF-003079-001	Fruehauf	E-2767
ACF-003079-PK1	Fruehauf	E-2767
ACF-003378-001	Fruehauf	E-3711
ACF-004021-001	Fruehauf	E-4587
ACF-004022-001	Fruehauf	E-4587
ACF-004024-001	Fruehauf	E-4586
ACF-004024-900	Fruehauf	E-4594
ACF-004024-902	Fruehauf	E-4593
ACF004205810	Fruehauf	E-15017
ACF004205828	Fruehauf	E-15025
ACF-006414-001	Fruehauf	E-3490B
ACF-006608-001	Fruehauf	E-3781
ACF-006608-002	Fruehauf	E-3781
ACF-1328-1	Fruehauf	E-3227
ACF-4022-1	Fruehauf	E-4593
AE2220	Wagner	E-612HD
AE22451	Wagner	E-612HD
AE-33117	Hendrickson	E-1307
ANB25191	Fruehauf	E-15027
APA000998001	Fruehauf	E-9761

PART NO.	COMPETITOR	EUCLID NO.
APA000998002	Fruehauf	E-9762
APA0998-1	Fruehauf	E-9761
APA0998-2	Fruehauf	E-9762
ARK	Sirco	E-4800
AS1031	Gunite	E-15015
AS1032	Gunite	E-15016
AS1033	Gunite	E-15017
AS1034	Gunite	E-15018
AS1035	Gunite	E-15019
AS1036	Gunite	E-15020
AS1037	Gunite	E-15021
AS1038	Gunite	E-15022
AS1039	Gunite	E-15023
AS1042	Gunite	E-15026
AS1043	Gunite	E-15027
AS1044	Gunite	E-15028
AS1045	Gunite	E-15029
AS1131	Gunite	E-15015
AS1132	Gunite	E-11398
AS1132	Gunite	E-15016
AS1133	Gunite	E-15017
AS1134	Gunite	E-15018
AS1135	Gunite	E-15019
AS1136	Gunite	E-15020
AS1137	Gunite	E-15021
AS1138	Gunite	E-15022
AS1139	Gunite	E-15023
AS1140	Gunite	E-15024
AS1141	Gunite	E-15025
AS1142	Gunite	E-15026
AS1143	Gunite	E-15027
AS1144	Gunite	E-15028
AS1145	Gunite	E-15029
AS1146	Gunite	E-15030
AS1147	Gunite	E-15031
AS1148	Gunite	E-15032
AS1149	Gunite	E-15033
AS1150	Gunite	E-15034
AS1151	Gunite	E-15035
AS1152	Gunite	E-15036
AS1153	Gunite	E-15037
AS1154	Gunite	E-15038
AS1156	Gunite	E-15040
AS1157	Gunite	E-15041
AS1159	Gunite	E-15042
AS1160	Gunite	E-15043
AS1161	Gunite	E-15044

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PART NO.	COMPETITOR	EUCLID NO.
AS1162	Gunite	E-15045
AS1163	Gunite	E-15046
AS1164	Gunite	E-15047
AS1165	Gunite	E-15048
AS1166	Gunite	E-15049
AS1167	Gunite	E-15050
AS1168	Gunite	E-15051
AS1169	Gunite	E-15052
AS1170	Gunite	E-15053
AS1171	Gunite	E-15054
AS1172	Gunite	E-15055
AS1173	Gunite	E-15056
AS1174	Gunite	E-15057
AS1175	Gunite	E-15058
AS1176	Gunite	E-15059
AS1179	Gunite	E-15060
AS3000	Gunite	E-15061
AS3001	Gunite	E-15062
AS3002	Gunite	E-15063
AS3003	Gunite	E-15064
AS3013	Gunite	E-15067
AS3015	Gunite	E-15068
AS3016	Gunite	E-15069
AS3017	Gunite	E-15070
AS3018	Gunite	E-15071
AS3019	Gunite	E-15072
AS3021	Gunite	E-15073
AXA-000068	Fruehauf	E-920
AXA-000402-001	Fruehauf	E-3781
AXA-000403-001	Fruehauf	E-4586
AXA-000413-900	Fruehauf	E-1567
AXA-000417-001	Fruehauf	E-1565
AXA-000418-001	Fruehauf	E-1569
AXA-000420-001	Fruehauf	E-1563
AXA-000420-002	Fruehauf	E-1564
AXA-000420-003	Fruehauf	E-2099
AXA-000420-004	Fruehauf	E-2100
AXA-000420-005	Fruehauf	E-3862
AXA-000420-006	Fruehauf	E-3861

PART NO.	COMPETITOR	EUCLID NO.
AXA-000420-900	Fruehauf	E-2090
AXA-000429-900	Fruehauf	E-1571
AXA-000429-PKG	Fruehauf	E-1571
AXA000432001	Fruehauf	E-1782
AXA-000432-001	Fruehauf	E-580
AXA-000449-001	Fruehauf	E-1574HD
AXA-001011-001	Fruehauf	E-1574HD
AXA-0413-900	Fruehauf	E-1567
AXA-0420-1	Fruehauf	E-1563
AXA-0420-2	Fruehauf	E-1564
AXA-0420-3	Fruehauf	E-2099
AXA-0420-4	Fruehauf	E-2100
AXA04205	Fruehauf	E-3861
AXA-0420-5	Fruehauf	E-3862
AXA04206	Fruehauf	E-3862
AXA-0420-6	Fruehauf	E-3861
AXA-0429-900	Fruehauf	E-1571
B011	Sirco	E-563
B052	Sirco	E-595
B053	Sirco	E-2802
B054	Sirco	E-1582
B1000LB	HDATP	E-2800
B1000RB	HDATP	E-2799
B1006LB	HDATP	E-1776
B1006RB	HDATP	E-1775
B1050LB	HDATP	E-2479B
B1050RB	HDATP	E-2478B
B1052LB	HDATP	E-1789
B1052RB	HDATP	E-1788
B1056LB	HDATP	E-1774C
B1056R	HDATP	E-1773C
B1058LB	HDATP	E-1148C
B1058RB	HDATP	E-1147C
B1066LB	HDATP	E-687
B1066RB	HDATP	E-686
B1100LB	HDATP	E-2795
B1100RB	HDATP	E-2794
B1104LB	HDATP	E-689A
B1104RB	HDATP	E-688A
B1106LB	HDATP	E-2413A
B1106RB	HDATP	E-2412A
B1108LB	HDATP	E-1424A
B1108RB	HDATP	E-1425A

PART NO.	COMPETITOR	EUCLID NO.
B1110LB	HDATP	E-685
B1110RB	HDATP	E-684
B1112LB	HDATP	E-691
B1112RB	HDATP	E-690
B1116LB	HDATP	E-1095
B1116RB	HDATP	E-1094
B1120LB	HDATP	E-2797
B1120RB	HDATP	E-2796
B1152LB	HDATP	E-1394
B1152RB	HDATP	E-1393
B1154LB	HDATP	E-1411
B1154RB	HDATP	E-1410
B1156LB	HDATP	E-2493
B1156RB	HDATP	E-2492
B1158LB	HDATP	E-1423
B1158RB	HDATP	E-1422
B1160LB	HDATP	E-1421
B1160RB	HDATP	E-1420
B1181LB	HDATP	E-2693
B1181RB	HDATP	E-2694
B1182LB	HDATP	E-2449A
B1182RB	HDATP	E-2450A
B-1208-11	Eaton	E-2681A
B-1208-11	Eaton	E-631
B-1211	Eaton	E-563
B-1212-1	Eaton	E-656
B-1213	Eaton	E-579A
B-1214	Eaton	E-538
B-1215	Eaton	E-910
B1216	Eaton	E-1782
B-1216	Eaton	E-580
B-1217	Eaton	E-773
B-1219	Eaton	E-501
B-1220	Eaton	E-2176
B-1221	Eaton	E-564
B-1223	Eaton	E-502
B12232	Eaton	E-502
B-1283-10	Eaton	E-690
B1283100	Eaton	E-688
B-1283-100	Eaton	E-688A
B-1283-101	Eaton	E-691
B-1283-102	Eaton	E-690
B-1283-9	Eaton	E-691
B128399	Eaton	E-689
B-1283-99	Eaton	E-689A
B132	Sirco	E-2396
B-1323-1	Eaton	E-864

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PART NO.	COMPETITOR	EUCLID NO.
B133	Sirco	E-2395
B134	Sirco	E-3482
B135	Sirco	E-3483
B1374	Automann	E-564
B151	Sirco	E-539
B152	Sirco	E-596A
B154	Sirco	E-2803
B-1559	Eaton	E-2218
B-1581	Eaton	E-536
B-1581	Eaton	E-5512
B-1581	Eaton	E-661
B1599	Eaton	E-2218
B161	Sirco	E-3007A
B-1661	Eaton	E-527
B-1662	Eaton	E-654
B-1688A	Eaton	E-3775
B-1688A	Eaton	E-886
B-1691-1	Eaton	E-2107
B169110	Eaton	E-9090
B-1691-10	Eaton	E-690
B-1691-131	Eaton	E-2107
B-1691-132	Eaton	E-2108
B-1691-17	Eaton	E-685
B-1691-18	Eaton	E-684
B-1691-2	Eaton	E-2108
B-1691-25	Eaton	E-1095
B-1691-25	Eaton	E-1393
B-1691-26	Eaton	E-1094
B169145	Eaton	E-689
B1691-45	Eaton	E-2413
B-1691-45	Eaton	E-689A
B169146	Eaton	E-688
B1691-46	Eaton	E-2412
B-1691-46	Eaton	E-688A
B-1691-48	Eaton	E-686
B-1691-5	Eaton	E-689A
B-1691-55	Eaton	E-4717
B-1691-56	Eaton	E-4716
B-1691-59	Eaton	E-4719
B-1691-6	Eaton	E-688A
B-1691-60	Eaton	E-4718
B16919	Eaton	E-9089
B-1691-9	Eaton	E-691
B-1705	Eaton	E-1403
B-1713	Eaton	E-2218
B-1716	Eaton	E-526
B-1735-1	Eaton	E-1789

PART NO.	COMPETITOR	EUCLID NO.
B-1735-2	Eaton	E-1788
B-1736	Eaton	E-1416A
B-1738	Eaton	E-712
B-1740	Eaton	E-3473
B1QH2318A	Ford	E-3234
B2000LB	HDATP	E-2441B
B2000RB	HDATP	E-2442B
B2002LB	HDATP	E-2443B
B2002RB	HDATP	E-2444B
B2004LB	HDATP	E-2445B
B2004RB	HDATP	E-2446B
B-2010	Eaton	E-1400
B2011	Eaton	E-1406
B-2019	Eaton	E-1113
B2021	Eaton	E-5512
B-2021	Eaton	E-536
B-2021	Eaton	E-661
B-2028-A	Eaton	E-1385
B2050LB	HDATP	E-1563
B2050RB	HDATP	E-1564
B2052LB	HDATP	E-2099
B2052RB	HDATP	E-2100
B-2060-23	Eaton	E-2493
B-2060-24	Eaton	E-2492
B-2060-24	Eaton	E-2494
B-2060-3	Eaton	E-1394
B-2060-37	Eaton	E-1394
B-2060-38	Eaton	E-1393
B-2060-4	Eaton	E-1393
B-2060-55	Eaton	E-2493
B-2060-56	Eaton	E-2492
B-2060-56	Eaton	E-2494
B20693	Hendrickson	E-2767
B-2076	Eaton	E-1112A
B20S	Haldex	E-20S
B211S	Sirco	E-2218
B216	Sirco	E-2390
B217	Sirco	E-5304
B218	Sirco	E-5305
B220	Sirco	E-2767
B221	Sirco	E-5088
B230	Sirco	E-3472
B23439	Hendrickson	E-3490B
B2424GC	Haldex	E-GC2424
B2430GC	Haldex	E-GC2430
B246022	Eaton	E-2493
B-2460-3	Eaton	E-1393

PART NO.	COMPETITOR	EUCLID NO.
B-2460-37	Eaton	E-1393
B-2460-37	Eaton	E-1394
B-2460-38	Eaton	E-1393
B-2460-4	Eaton	E-1394
B-2460-55	Eaton	E-2493
B-2460-56	Eaton	E-2492
B246085	Eaton	E-1393
B246086	Eaton	E-1394
B24S	Haldex	E-24S
B251	Sirco	E-512
B256	Sirco	E-757
B262	Sirco	E-3424
B-2640-38	Eaton	E-1394
B277	Sirco	E-3711
B302	Sirco	E-2768
B302	Sirco	E-3228
B3030GC	Haldex	E-GC3030
B3030GP	Haldex	E-GP3030
B307	Sirco	E-2398
B308	Sirco	E-3481A
B30S	Haldex	E-30S
B311	Sirco	E-502
B347	Sirco	E-9069
B348	Sirco	E-9643
B349	Sirco	E-3490B
B349	Sirco	E-3490S
B350	Sirco	E-8907
B358	Sirco	E-2399
B362	Sirco	E-2389
B379	Sirco	E-527
B380	Sirco	E-2392
B392	Sirco	E-2391
B423	Sirco	E-747
B424	Sirco	E-1403
B425	Sirco	E-1406
B427	Sirco	E-1400
B430K	Sirco	E-5477
B431	Sirco	E-5478
B432A	Sirco	E-10197
B433	Sirco	E-9037
B434	Sirco	E-10198
B436	Sirco	E-9038
B495	Sirco	E-920
B495S	Sirco	E-920S
B498	Sirco	E-3227
B499	Sirco	E-501
B5006	Automann	E-1269

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**Brake and
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PART NO.	COMPETITOR	EUCLID NO.
B501	Sirco	E-1269
B556	Sirco	E-3427
B562	Sirco	E-5123
B579	Sirco	E-3437
B586	Sirco	E-586
B595S	Sirco	E-919
B5QH2045A	Ford	E-596A
B5QH2395A	Ford	E-2217A
B5QH2395A	Ford	E-595
B-615-4	Eaton	E-2218
B667	Sirco	E-667
B6684	Automann	E-2108
B717	Sirco	E-2717
B728	Sirco	E-1880B
B7352	Automann	E-2442B
B769	Sirco	E-1418
B770	Sirco	E-2805
B794	Sirco	E-9076
B795	Sirco	E-2720
B800	Sirco	E-10800
B8000	Automann	E-2766S
B801	Sirco	E-10801
B805	Sirco	E-9789
B806	Sirco	E-11449
B807	Sirco	E-807
B811	Sirco	E-3473
B8150L	Sirco	E-11445
B8150R	Sirco	E-11446
B823	Sirco	E-2723
B829	Sirco	E-2724
B829	Sirco	E-2725
B832	Sirco	E-609
B8600	Sirco	E-536
B8600A	Sirco	E-5512
B8601	Sirco	E-661
B8602	Sirco	E-759
B8603	Sirco	E-535
B8604	Sirco	E-526
B8605	Sirco	E-581
B8606	Sirco	E-2102
B8606A	Sirco	E-9792A
B8607	Sirco	E-580
B8608	Sirco	E-656
B8609	Sirco	E-654
B861	Sirco	E-579A
B8610	Sirco	E-564
B8611	Sirco	E-719

PART NO.	COMPETITOR	EUCLID NO.
B8612	Sirco	E-1416
B8612A	Sirco	E-1416A
B8613	Sirco	E-1272
B8614	Sirco	E-1271
B8615	Sirco	E-2380
B8616	Sirco	E-1385
B8619	Sirco	E-1565
B8620	Sirco	E-1567
B8621	Sirco	E-1314
B8622	Sirco	E-1569
B8623	Sirco	E-1571
B8624	Sirco	E-1577A
B8625	Sirco	E-2405
B8626	Sirco	E-2406
B8627	Sirco	E-2408
B8628	Sirco	E-2407
B8629	Sirco	E-1782
B8630	Sirco	E-1781
B8631	Sirco	E-2404
B8632	Sirco	E-2409
B8634	Sirco	E-910
B8634A	Sirco	E-9077
B8635	Sirco	E-943
B8636	Sirco	E-2361
B8643	Sirco	E-1357A
B8644	Sirco	E-2363
B8645	Sirco	E-2382
B8646	Sirco	E-2086B
B8646A	Sirco	E-2086B2
B8647	Sirco	E-2123
B8648	Sirco	E-2125
B8648A	Sirco	E-21252
B8649	Sirco	E-2090
B8649A	Sirco	E-20902
B8650	Sirco	E-2122
B8650A	Sirco	E-21222
B8652	Sirco	E-2287
B8652A	Sirco	E-22872
B8655	Sirco	E-2469
B86552	Sirco	E-5307
B86552A	Sirco	E-53072
B8655A	Sirco	E-24692
B8656	Sirco	E-2087
B8656A	Sirco	E-20872
B8657	Sirco	E-2089
B8660	Sirco	E-2291
B8661	Sirco	E-2670

PART NO.	COMPETITOR	EUCLID NO.
B8662	Sirco	E-1307
B8663	Sirco	E-1308
B8665	Sirco	E-2551
B868	Sirco	E-1581
B8681	Sirco	E-2088A
B8681HD	Sirco	E-2088AHD
B8681HDA	Sirco	E-2088AHD2
B8682	Sirco	E-2526
B8683	Sirco	E-3520A
B8683A	Sirco	E-3520A2
B8683HD	Sirco	E-3520AHD
B8684	Sirco	E-2696A
B8684A	Sirco	E-2696A2
B86852	Sirco	E-2680
B8686	Sirco	E-2679A
B8686HD	Sirco	E-2679AHD
B8688	Sirco	E-2695
B8689	Sirco	E-5093
B869	Sirco	E-1583
B8690	Sirco	E-3859
B8691	Sirco	E-4736
B8696	Sirco	E-1318A
B8696HD	Sirco	E-1318AHD
B8697	Sirco	E-1408
B8698	Sirco	E-2690A
B8699	Sirco	E-2517
B870	Sirco	E-2770
B8707	Sirco	E-3993B
B8707A	Sirco	E-3993B2
B8712	Sirco	E-2494
B8713	Sirco	E-603
B8714	Sirco	E-2104
B8717	Sirco	E-2365
B8718	Sirco	E-3478
B8719	Sirco	E-3479
B8722	Sirco	E-3234
B8725A	Sirco	E-4594
B8727	Sirco	E-4587
B8728	Sirco	E-4586
B8733	Sirco	E-2103
B8735	Sirco	E-1319A
B8736	Sirco	E-2477B
B8742	Sirco	E-5140
B8742A	Sirco	E-51402
B8743	Sirco	E-3446
B8743A	Sirco	E-34462
B8744	Sirco	E-3876

CROSS REFERENCE

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PART NO.	COMPETITOR	EUCLID NO.
B8745	Sirco	E-5094A
B8746	Sirco	E-5501
B87462	Sirco	E-10897
B8746A	Sirco	E-55012
B8747HD	Sirco	E-3989AHD
B8747HDA	Sirco	E-3989AHD2
B8750	Sirco	E-5127
B8751	Sirco	E-5128
B8752	Sirco	E-5137
B8753	Sirco	E-5138
B8754	Sirco	E-3447
B8755	Sirco	E-3469
B8756	Sirco	E-3471
B8757	Sirco	E-3476
B8758	Sirco	E-3475
B8759	Sirco	E-3474
B8760	Sirco	E-3877
B8761	Sirco	E-3878
B8762	Sirco	E-5095
B8763	Sirco	E-5482
B8764	Sirco	E-3991
B8766	Sirco	E-5513
B8771	Sirco	E-9080
B8772M	Sirco	E-9078
B8772MHD	Sirco	E-9078HD
B8772MHDA	Sirco	E-9078HD2
B8773M	Sirco	E-9079
B8773MHD	Sirco	E-9079HD
B8773MHDA	Sirco	E-9079HD2
B8781	Sirco	E-9071
B8782	Sirco	E-6080
B8783	Sirco	E-6076
B8784	Sirco	E-6077
B8785	Sirco	E-9072
B8786	Sirco	E-9074
B8787	Sirco	E-9075
B8788	Sirco	E-6078
B8790	Sirco	E-9791
B8790HD	Sirco	E-9791HD
B8792	Sirco	E-9790A
B8792A	Sirco	E-9790A2
B8793	Sirco	E-9053
B8794	Sirco	E-11450
B8794HD	Sirco	E-11450HD
B8794HDA	Sirco	E-11450HD2
B8795	Sirco	E-7235
B8797	Sirco	E-11910

PART NO.	COMPETITOR	EUCLID NO.
B8805	Sirco	E-11897
B887	Sirco	E-1112A
B888	Sirco	E-1893S
B888D	Sirco	E-8938
B888S	Sirco	E-1893
B888T	Sirco	E-1362
B901	Sirco	E-537
B911	Sirco	E-2177
B923	Sirco	E-3511
B924	Sirco	E-5089
B941	Sirco	E-523
B942	Sirco	E-2217A
B950	Sirco	E-3870
B951	Sirco	E-3871
B952	Sirco	E-3872
B954	Sirco	E-3874
B956	Sirco	E-9063
B960	Sirco	E-2411A
B961	Sirco	E-9073
B972	Sirco	E-3512
B973	Sirco	E-3513
B974	Sirco	E-543
B981	Sirco	E-1428A
B982	Sirco	E-2804
B983	Sirco	E-2475
B988	Sirco	E-1113
B999	Sirco	E-5122
BA1	HalDEX	E-12728
BA1	HalDEX	E-2764
BD125085	Wagner	E-9657
BK-145R	Sirco	E-10870
BP-100	Sirco	E-10818
BP-104	Sirco	E-10814
BP-105	Sirco	E-10812
BP-106	Sirco	E-10826
BP-107	Sirco	E-10834
BP-108	Sirco	E-10836
BP-109	Sirco	E-10838
BP-110	Sirco	E-10835
BSK1225DXPQ	Stemco	E-10875
BSK1225Q	Stemco	E-3484
BSK1500E	Stemco	E-5139
BSK1500Q	Stemco	E-3869
BSK1500QP	Stemco	E-9064
BSK1650E	Stemco	E-1887AHD
BSK1650E	Stemco	E-4311EHDN
BSK1650E1	Stemco	E-4709ESN

PART NO.	COMPETITOR	EUCLID NO.
BSK1650E1	Stemco	E-5481A
BSK1650E2	Stemco	E-10244
BSK1650E2	Stemco	E-4709ES2N
BSK1650E2HC	Stemco	E-10760
BSK1650PHD	Stemco	E-1816HD
BSK1650PHD	Stemco	E-4515P
BSK1650PHD	Stemco	E-4515PHD
BSK1650QFR	Stemco	E-9644
BSK1650X3HD	Stemco	E-3710HD
BSK1650X3HD	Stemco	E-4515X
BSK1650X3HD	Stemco	E-4515XHD
C055L	Sirco	E-9055
C056R	Sirco	E-9056
C057L	Sirco	E-9057
C058R	Sirco	E-9058
C059L	Sirco	E-9059
C060R	Sirco	E-9060
C089L	Sirco	E-9089
C090R	Sirco	E-9090
C094R	Sirco	E-1094
C095L	Sirco	E-1095
C096L	Sirco	E-9096
C097R	Sirco	E-9097
C098L	Sirco	E-9098
C099R	Sirco	E-9099
C100R	Sirco	E-2100
C101L	Sirco	E-2099
C102L	Sirco	E-9100
C103R	Sirco	E-9101
C147CR	Sirco	E-1147C
C148CL	Sirco	E-1148C
C-20806-1L	Hendrickson	E-10899
C-20806-1R	Hendrickson	E-10900
C217L	Sirco	E-7217
C218R	Sirco	E-7218
C219L	Sirco	E-7219
C220R	Sirco	E-7220
C23347-1L	Hendrickson	E-11866
C23347-1R	Hendrickson	E-11867
C24636-1L	Hendrickson	E-11866
C24636-1R	Hendrickson	E-11867
C-2718	Eaton	E-2696A
C306L	Sirco	E-10306A
C307R	Sirco	E-10307A
C312L	Sirco	E-11858
C313R	Sirco	E-11859
C314L	Sirco	E-11860

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
C315R	Sirco	E-11861
C410R	Sirco	E-1410
C411L	Sirco	E-1411
C412AR	Sirco	E-2412A
C412R	Sirco	E-2412A
C413AL	Sirco	E-2413A
C413L	Sirco	E-2413A
C420R	Sirco	E-1420
C421L	Sirco	E-1421
C422R	Sirco	E-1422
C423L	Sirco	E-1423
C424AR	Sirco	E-1424A
C424R	Sirco	E-1424A
C425AL	Sirco	E-1425A
C425L	Sirco	E-1425A
C426R	Sirco	E-9650
C427L	Sirco	E-9649
C441BL	Sirco	E-14822
C441L	Sirco	E-14822
C442BR	Sirco	E-14823
C442R	Sirco	E-14823
C443BL	Sirco	E-14824
C443L	Sirco	E-14824
C444BR	Sirco	E-14825
C444R	Sirco	E-14825
C445BL	Sirco	E-14820
C445L	Sirco	E-14820
C446BR	Sirco	E-14821
C446R	Sirco	E-14821
C447AL	Sirco	E-2447A
C447L	Sirco	E-2447A
C448AR	Sirco	E-2448A
C448R	Sirco	E-2448A
C449AL	Sirco	E-2449A
C449L	Sirco	E-2449A
C450AR	Sirco	E-2450A
C450R	Sirco	E-2450A
C451AL	Sirco	E-2451A
C451L	Sirco	E-2451A
C452AR	Sirco	E-2452A
C452R	Sirco	E-2452A
C478BR	Sirco	E-2478B
C478R	Sirco	E-2478B
C479BL	Sirco	E-2479B
C479L	Sirco	E-2479B
C490L	Sirco	E-5490
C491R	Sirco	E-5491

PART NO.	COMPETITOR	EUCLID NO.
C492L	Sirco	E-5492
C493R	Sirco	E-5493
C494L	Sirco	E-5494
C495R	Sirco	E-5495
C496L	Sirco	E-5496
C497R	Sirco	E-5497
C504L	Sirco	E-5504A
C505R	Sirco	E-5505A
C512L	Sirco	E-5520
C513R	Sirco	E-5521
C514L	Sirco	E-5518
C515R	Sirco	E-5519
C516L	Sirco	E-5516
C517R	Sirco	E-5517
C518L	Sirco	E-5522
C519R	Sirco	E-5523
C520L	Sirco	E-5524
C521R	Sirco	E-5525
C522R	Sirco	E-9660
C524L	Sirco	E-9659
C526L	Sirco	E-5526
C527R	Sirco	E-5527
C536R	Sirco	E-9662
C537L	Sirco	E-9661
C540R	Sirco	E-11540
C541L	Sirco	E-11541
C552331	Haldex	E-6988B
C563L	Sirco	E-1563
C564R	Sirco	E-1564
C568R	Sirco	E-11568
C569L	Sirco	E-11569
C584R	Sirco	E-11584
C585L	Sirco	E-11585
C594R	Sirco	E-9672
C595L	Sirco	E-9671
C602R	Sirco	E-10900
C603L	Sirco	E-10899
C606R	Sirco	E-11865
C607L	Sirco	E-11864
C608R	Sirco	E-11867
C609L	Sirco	E-11866
C611L	Sirco	E-6101
C612R	Sirco	E-6102
C63005	Haldex	E-10198
C63015	Haldex	E-5477
C63022	Haldex	E-2176
C63037	Haldex	E-2101

PART NO.	COMPETITOR	EUCLID NO.
C63043	Haldex	E-9063
C63045	Haldex	E-9069
C63054	Haldex	E-9037
C63058	Haldex	E-5088
C63060	Haldex	E-10197
C63064	Haldex	E-2414
C63084	Haldex	E-1893
C63097	Haldex	E-2401
C63101	Haldex	E-537
C63102	Haldex	E-563
C63103	Haldex	E-1426
C63107	Haldex	E-5512
C63112	Haldex	E-6080
C63113	Haldex	E-9789
C63115	Haldex	E-9792A
C63140	Haldex	E-6076
C63143	Haldex	E-2477B
C63146	Haldex	E-9076
C63148	Haldex	E-9077
C63153	Haldex	E-9075
C63157	Haldex	E-9074
C63158	Haldex	E-9072
C63164	Haldex	E-6077
C63166	Haldex	E-9073
C645L	Sirco	E-9645
C646R	Sirco	E-9646
C647L	Sirco	E-9647
C648R	Sirco	E-9648
C651L	Sirco	E-9651
C652R	Sirco	E-9652
C65301	Haldex	E-501
C65302	Haldex	E-1269
C65306	Haldex	E-2218
C65313	Haldex	E-564
C65318	Haldex	E-526
C65320	Haldex	E-1418
C65339	Haldex	E-581
C65351	Haldex	E-747
C65352	Haldex	E-654
C65369	Haldex	E-1112A
C65372	Haldex	E-1893S
C65373	Haldex	E-1113
C65375	Haldex	E-2291
C65377	Haldex	E-1565
C65378	Haldex	E-1567
C65379	Haldex	E-1569
C65380	Haldex	E-1571

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PART NO.	COMPETITOR	EUCLID NO.
C65381	Haldex	E-5095
C65383	Haldex	E-1416
C653L	Sirco	E-9653
C65414	Haldex	E-2163
C65437	Haldex	E-712
C65448	Haldex	E-919
C65449	Haldex	E-1880B
C65450	Haldex	E-1428A
C65476	Haldex	E-2102
C65488	Haldex	E-2404
C65491	Haldex	E-2405
C65494	Haldex	E-2406
C654R	Sirco	E-9654
C65561	Haldex	E-1106
C655L	Sirco	E-9655
C656R	Sirco	E-9656
C65700	Haldex	E-4736
C657L	Sirco	E-9657
C658R	Sirco	E-9658
C663L	Sirco	E-9663
C66425	Haldex	E-1140
C66447	Haldex	E-1458
C66455	Haldex	E-2476
C664R	Sirco	E-9664
C66549	Haldex	E-1318A
C66563	Haldex	E-1416A
C665L	Sirco	E-9665
C66610	Haldex	E-3511
C66611	Haldex	E-3513
C66612	Haldex	E-3512
C66614	Haldex	E-543
C66645	Haldex	E-1577A
C66646	Haldex	E-2361
C66649	Haldex	E-1403
C66650	Haldex	E-1406
C66653	Haldex	E-1400
C66690	Haldex	E-3447
C66691	Haldex	E-3469
C66692	Haldex	E-3471
C66695	Haldex	E-3475
C66697	Haldex	E-3472
C66698	Haldex	E-5093
C66699	Haldex	E-3479
C666R	Sirco	E-9666
C66751	Haldex	E-2029
C66752	Haldex	E-1107
C66753	Haldex	E-1025

PART NO.	COMPETITOR	EUCLID NO.
C66755	Haldex	E-773
C667L	Sirco	E-9667
C66841	Haldex	E-3424
C66842	Haldex	E-3437
C66843	Haldex	E-3874
C66847	Haldex	E-3427
C66849	Haldex	E-757
C66852	Haldex	E-2411A
C66859	Haldex	E-2409
C66863	Haldex	E-2767
C66876	Haldex	E-9643
C66880	Haldex	E-2770
C66886	Haldex	E-979
C66895	Haldex	E-2724
C668R	Sirco	E-9668
C66901	Haldex	E-2177
C669L	Sirco	E-9669
C67001	Haldex	E-3478
C67018	Haldex	E-2551
C670R	Sirco	E-9670
C67320	Haldex	E-9643
C67361	Haldex	E-1385
C67368	Haldex	E-1337
C67374	Haldex	E-1781
C67375	Haldex	E-1782
C67375	Spicer	E-1782
C67446	Haldex	E-1583
C67446	Spicer	E-1583
C67447	Haldex	E-1582
C67447	Spicer	E-1582
C67448	Haldex	E-1581
C67448	Spicer	E-1581
C67466	Haldex	E-3483
C67467	Haldex	E-3482
C67471	Haldex	E-2399
C67471	Spicer	E-2399
C67473	Haldex	E-2390
C67473	Spicer	E-2390
C67474	Haldex	E-2391
C67474	Spicer	E-2391
C67475	Haldex	E-2392
C67475	Spicer	E-2392
C67476	Haldex	E-2389
C67476	Spicer	E-2399
C67487	Haldex	E-2396
C67487	Spicer	E-2396
C67488	Haldex	E-5305

PART NO.	COMPETITOR	EUCLID NO.
C67490	Haldex	E-2395
C67490	Spicer	E-2395
C67492	Haldex	E-2398
C67492	Spicer	E-757
C675L	Sirco	E-9675
C676R	Sirco	E-9676
C67786	Haldex	E-2475
C677L	Sirco	E-9677
C67804	Haldex	E-1408
C678R	Sirco	E-9678
C679L	Sirco	E-9679
C680R	Sirco	E-9680
C681L	Sirco	E-9681
C682R	Sirco	E-9682
C683L	Sirco	E-9683
C684R	Sirco	E-9684
C686R	Sirco	E-686
C687L	Sirco	E-687
C688L	Sirco	E-685
C689R	Sirco	E-684
C690R	Sirco	E-688A
C691L	Sirco	E-689A
C693L	Sirco	E-2693
C694R	Sirco	E-2694
C69611	Haldex	E-3870
C69612	Haldex	E-3871
C6TZ2125A	Ford	E-1418
C6TZ2125B	Ford	E-1025
C6TZ2125B	Ford	E-2101
C702BR	Sirco	E-4702B
C703BL	Sirco	E-4703B
C706BR	Sirco	E-4706B
C707BL	Sirco	E-4707B
C708BR	Sirco	E-4708B
C709BL	Sirco	E-4709B
C710BR	Sirco	E-4710B
C711BL	Sirco	E-4711B
C714AR	Sirco	E-4714A
C715AL	Sirco	E-4715A
C716R	Sirco	E-4716
C717L	Sirco	E-4717
C718R	Sirco	E-4718
C719L	Sirco	E-4719
C720R	Sirco	E-4720
C721L	Sirco	E-4721
C722R	Sirco	E-4722
C723L	Sirco	E-4723

CROSS REFERENCE

CROSS REFERENCE

Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
C724L	Sirco	E-9725
C725R	Sirco	E-9726
C726R	Sirco	E-9658
C727L	Sirco	E-9657
C728R	Sirco	E-9670
C729L	Sirco	E-9669
C730R	Sirco	E-9672
C731L	Sirco	E-9671
C732AR	Sirco	E-9674A
C732R	Sirco	E-9674A
C733AL	Sirco	E-9673A
C733L	Sirco	E-9673A
C734R	Sirco	E-9676
C735L	Sirco	E-9675
C737L	Sirco	E-9737
C738R	Sirco	E-9738
C740L	Sirco	E-10911
C741R	Sirco	E-10912
C742L	Sirco	E-9741
C743R	Sirco	E-9742
C750L	Sirco	E-9693
C751R	Sirco	E-9694
C752L	Sirco	E-9695
C753R	Sirco	E-9696
C754L	Sirco	E-9697
C755R	Sirco	E-9698
C756L	Sirco	E-9699
C757R	Sirco	E-9700
C759L	Sirco	E-9759
C760R	Sirco	E-9760
C763L	Sirco	E-9701
C764R	Sirco	E-9702
C769L	Sirco	E-9769
C770R	Sirco	E-9770
C773CR	Sirco	E-1773C
C773R	Sirco	E-1773C
C774CL	Sirco	E-1774C
C774L	Sirco	E-1774C
C775R	Sirco	E-1775
C776L	Sirco	E-1776
C786R	Sirco	E-2786
C787L	Sirco	E-2787
C794R	Sirco	E-2794
C795L	Sirco	E-2795
C796R	Sirco	E-2796
C797L	Sirco	E-2797
C799R	Sirco	E-2799

PART NO.	COMPETITOR	EUCLID NO.
C800L	Sirco	E-2800
C854L	Sirco	E-3854
C855R	Sirco	E-3855
C856L	Sirco	E-3856
C857R	Sirco	E-3857
C861L	Sirco	E-3861
C862R	Sirco	E-3862
C866R	Sirco	E-5507
C867L	Sirco	E-5506
C868L	Sirco	E-5510
C869R	Sirco	E-5511
C870R	Sirco	E-5509
C871L	Sirco	E-5508
C884L	Sirco	E-4884
C885R	Sirco	E-4885
C886L	Sirco	E-4886
C887R	Sirco	E-4887
C888L	Sirco	E-4888
C889R	Sirco	E-4889
C890L	Sirco	E-6884
C891R	Sirco	E-6885
C8TZ2130A	Ford	E-580
C8TZ2296A	Ford	E-1428A
C8TZ2316B	Ford	E-1775
C8TZ2317B	Ford	E-1776
C905L	Sirco	E-10905
C906R	Sirco	E-10906
C910L	Sirco	E-10909
C911R	Sirco	E-10910
C927L	Sirco	E-9727
C928R	Sirco	E-9728
C931L	Sirco	E-9731
C932R	Sirco	E-9732
C933L	Sirco	E-9733
C934R	Sirco	E-9734
C935L	Sirco	E-9735
C936R	Sirco	E-9736
C972L	Sirco	E-9729
C973R	Sirco	E-9730
CA1200	Crewson	E-612SBK
CA1202	Crewson	E-940SBK
CA1296	Crewson	E-2091
CA2200	Crewson	E-2458S
CA2200	Crewson	E-2458SBK
CA2202	Crewson	E-2459SBK
CA3206	Crewson	E-1574SBK
CA4201	Crewson	E-4904S

PART NO.	COMPETITOR	EUCLID NO.
CA4202	Crewson	E-4904S
CA5201	Crewson	E-9102
CATASNB614	Automann	E-7651
CATASNB814	Automann	E-7653
CB12	Haldex	E-12749
CB16	Haldex	E-12750
CB20	Haldex	E-9121
CB20S1	Haldex	E-12752
CB20S1	Haldex	E-9121
CB21102	Crewson	E-6992B
CB21103	Crewson	E-6991B
CB21123	Crewson	E-10950B
CB22102	Crewson	E-6994B
CB22103	Crewson	E-6993B
CB22123	Crewson	E-10949B
CB23102	Crewson	E-6996B
CB23106	Crewson	E-6995B
CB24	Haldex	E-11992
CB24100	Crewson	E-6987B
CB24102	Crewson	E-6987B
CB24300	Crewson	E-6988B
CB25100	Crewson	E-6989B
CB25102	Crewson	E-6989B
CB25300	Crewson	E-6990B
CB30	Haldex	E-9118
CB36S1	Haldex	E-9120
CB41106	Crewson	E-10782A
CB42100	Crewson	E-10779A
CB42106	Crewson	E-10781A
CB72106	Crewson	E-10781A
CC3030	Haldex	E-GC3030
CF3	Haldex	E-8898
CF4	Haldex	E-8899
CF7	Haldex	E-8897
CF8	Haldex	E-8896
CI21102	Crewson	E-6992B
CI21103	Crewson	E-6991B
CI21153	Crewson	E-10950B
CI22102	Crewson	E-6994B
CI22103	Crewson	E-6993B
CI22153	Crewson	E-10949B
CI23102	Crewson	E-6996B
CI23103	Crewson	E-6995B
CI24100	Crewson	E-6987B
CI24300	Crewson	E-6988B
CI25100	Crewson	E-6989B
CI25300	Crewson	E-6990B

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PART NO.	COMPETITOR	EUCLID NO.
CI34200	Crewson	E-11880
CI35100	Crewson	E-11877
CI35200	Crewson	E-11879
CI41106	Crewson	E-10782A
CI42100	Crewson	E-10779A
CI42106	Crewson	E-10781A
CI72106	Crewson	E-10781A
CP1	Haldex	E-11989
CP2	Haldex	E-11990
CQ36541	Haldex	E-15061
CQ36543	Haldex	E-9133
CQ36544	Haldex	E-15069
CQ36551	Haldex	E-9132
CQ36552	Haldex	E-9132
CQ36562	Haldex	E-9135
CQ36572	Haldex	E-9135
CQ36593	Haldex	E-15072
CQ65446	Haldex	E-10760
CQ65477	Haldex	E-10244
CQ65477	Haldex	E-4709ES2N
CQ65481	Haldex	E-5481A
CQ65517	Haldex	E-3520A
CQ65521	Haldex	E-5499
CQ66735	Haldex	E-1816HD
CQ66735	Haldex	E-1816SHD
CQ66735	Haldex	E-4515PHD
CQ66740	Haldex	E-2122
CQ66861	Haldex	E-2769S
CQ66867	Haldex	E-2769SHD
CQ66913	Haldex	E-4515X
CQ66914	Haldex	E-3710SHD
CQ66914	Haldex	E-4515XHD
CQ66917	Haldex	E-5139
CQ66918	Haldex	E-5140
CQ66919	Haldex	E-4691
CQ66920	Haldex	E-3468A
CQ66922	Haldex	E-3446
CQ66923	Haldex	E-4692
CQ66926	Haldex	E-3291
CQ66941	Haldex	E-6078
CQ67111	Haldex	E-9790A
CQ67313	Haldex	E-2740
CQ67314	Haldex	E-2713
CQ67316	Haldex	E-2121
CQ67317	Haldex	E-1816S
CQ67317	Haldex	E-4515P
CQ67319	Haldex	E-1887ASHD

PART NO.	COMPETITOR	EUCLID NO.
CQ67319	Haldex	E-4311EHDN
CQ67324	Haldex	E-2090
CQ67325	Haldex	E-2123
CQ67326	Haldex	E-2125
CQ67327	Haldex	E-2086B
CQ67328	Haldex	E-2086B
CQ67328	Haldex	E-2088A
CQ67328	Haldex	E-2088AHD
CQ67329	Haldex	E-1357A
CQ67331	Haldex	E-2087
CQ67332	Haldex	E-2287
CQ67334	Haldex	E-2363
CQ67334	Haldex	E-2382
CQ67335	Haldex	E-3353A
CQ67353	Haldex	E-2680
CQ67354	Haldex	E-2696A
CQ67356	Haldex	E-2675HD
CQ67357	Haldex	E-1607HD
CQ67382	Haldex	E-2469
CQ67383	Haldex	E-5307
CQ67384	Haldex	E-2089
CQ67385	Haldex	E-2679A
CQ67386	Haldex	E-3520A
CQ67387	Haldex	E-3993B
CQ67388	Haldex	E-2126
CQ67394	Haldex	E-2286
CQ67395	Haldex	E-3484
CQ67396	Haldex	E-5306
CQ67397	Haldex	E-2030HD
CQ67398	Haldex	E-2402HD
CQ67399	Haldex	E-2121HD
CQ67406	Haldex	E-2821
CQ67407	Haldex	E-3518
CQ67408	Haldex	E-3992
CQ67410	Haldex	E-2494
CQ67411	Haldex	E-2526
CQ67416	Haldex	E-9079
CQ67416	Haldex	E-9079HD
CQ67417	Haldex	E-11450
CQ67435	Haldex	E-1816S
CQ67435	Haldex	E-4515P
CQ67437	Haldex	E-10756
CQ67443	Haldex	E-11897
CQ67503	Haldex	E-2403HD
CQ67503B	Haldex	E-2403HD
CQ69001	Haldex	E-3869
CQ69002	Haldex	E-3782

PART NO.	COMPETITOR	EUCLID NO.
CQ69007	Haldex	E-11981
CRK8800	Uni-Bond	E-2494
CRK8801	Uni-Bond	E-2526
CRK8802	Uni-Bond	E-2469
CRK8803	Uni-Bond	E-5307
CRK8805	Uni-Bond	E-10872
CRK8808	Uni-Bond	E-10846
CRK8809	Uni-Bond	E-7235
CRK8811	Uni-Bond	E-3876
CRK8812	Uni-Bond	E-3446
CRK8813	Uni-Bond	E-3468A
CRK8814	Uni-Bond	E-3353A
CRK8815	Uni-Bond	E-3354
CRK8816	Uni-Bond	E-2125
CRK8818	Uni-Bond	E-5501
CRK8819	Uni-Bond	E-9053
CRK8820	Uni-Bond	E-2089
CRK8821	Uni-Bond	E-2123
CRK8822	Uni-Bond	E-2696A
CRK8823	Uni-Bond	E-10897
CRK8824	Uni-Bond	E-2090
CRK8825	Uni-Bond	E-2122
CRK8826	Uni-Bond	E-5094A
CRK8827	Uni-Bond	E-2086B
CRK8828	Uni-Bond	E-3993B
CRK8828-1	Uni-Bond	E-9080
CRK8829	Uni-Bond	E-5513
CRK8830	Uni-Bond	E-1357A
CRK8846	Uni-Bond	E-2287
CS2	Haldex	E-12761
CS40108	Haldex	E-9697
CS40109	Haldex	E-9698
CS40110	Haldex	E-9701
CS40111	Haldex	E-9702
CS40116	Haldex	E-9707
CS40117	Haldex	E-9708
CS40138	Haldex	E-5057
CS40139	Haldex	E-5056
CS40152	Haldex	E-9663
CS40172	Haldex	E-9645
CS40173	Haldex	E-9646
CS40174	Haldex	E-9649
CS40175	Haldex	E-9650
CS40178	Haldex	E-9655
CS40179	Haldex	E-9656
CS40182	Haldex	E-9659
CS40183	Haldex	E-9660

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
CS40186	Haldex	E-9671
CS40188	Haldex	E-9673A
CS40189	Haldex	E-9674A
CS40192	Haldex	E-9675
CS40193	Haldex	E-9676
CS40194	Haldex	E-9679
CS40195	Haldex	E-9680
CS40196	Haldex	E-9677
CS40197	Haldex	E-9678
CS40198	Haldex	E-9681
CS40199	Haldex	E-9682
CS41010	Haldex	E-1789
CS41011	Haldex	E-1788
CS41014	Haldex	E-1774C
CS41015	Haldex	E-1773C
CS41016	Haldex	E-1148C
CS41017	Haldex	E-1147C
CS41022	Haldex	E-4705B
CS41023	Haldex	E-4707B
CS41024	Haldex	E-4707B
CS41025	Haldex	E-4706B
CS41026	Haldex	E-2800
CS41027	Haldex	E-2799
CS41028	Haldex	E-2479B
CS41029	Haldex	E-2478B
CS41032	Haldex	E-4886
CS41033	Haldex	E-4887
CS41034	Haldex	E-2701B
CS41035	Haldex	E-2700B
CS41036	Haldex	E-4703B
CS41037	Haldex	E-4702B
CS41040	Haldex	E-2715A
CS41041	Haldex	E-2714A
CS41042	Haldex	E-2787
CS41043	Haldex	E-2786
CS41044	Haldex	E-4709B
CS41045	Haldex	E-4708B
CS41046	Haldex	E-4888
CS41047	Haldex	E-4889
CS41048	Haldex	E-4740
CS41049	Haldex	E-4741
CS41050	Haldex	E-3523
CS41051	Haldex	E-3524
CS41052	Haldex	E-3855
CS41053	Haldex	E-3854
CS41104	Haldex	E-4900
CS41105	Haldex	E-4901

PART NO.	COMPETITOR	EUCLID NO.
CS41106	Haldex	E-3516
CS41107	Haldex	E-3517
CS41108	Haldex	E-9087
CS41109	Haldex	E-9088
CS41110	Haldex	E-14822
CS41110	Haldex	E-5506
CS41111	Haldex	E-14823
CS41111	Haldex	E-5507
CS41112	Haldex	E-5508
CS41113	Haldex	E-5509
CS41114	Haldex	E-14820
CS41114	Haldex	E-5510
CS41115	Haldex	E-14821
CS41115	Haldex	E-5511
CS41150	Haldex	E-9653
CS41151	Haldex	E-9654
CS41153	Haldex	E-9664
CS41154	Haldex	E-9667
CS41155	Haldex	E-9668
CS41156	Haldex	E-9669
CS41157	Haldex	E-9670
CS41158	Haldex	E-9651
CS41159	Haldex	E-9652
CS41160	Haldex	E-9657
CS41161	Haldex	E-9658
CS41162	Haldex	E-2413A
CS41163	Haldex	E-2412A
CS41172	Haldex	E-9647
CS41173	Haldex	E-9648
CS41260	Haldex	E-4711B
CS41261	Haldex	E-4710B
CS41264	Haldex	E-687
CS41265	Haldex	E-686
CS41266	Haldex	E-2795
CS41267	Haldex	E-2794
CS41268	Haldex	E-4713
CS41269	Haldex	E-4712
CS41276	Haldex	E-2447A
CS41277	Haldex	E-2448A
CS41278	Haldex	E-4715A
CS41279	Haldex	E-4714A
CS41284	Haldex	E-689A
CS41285	Haldex	E-688A
CS41292	Haldex	E-2693
CS41293	Haldex	E-2694
CS413941	Haldex	E-5521
CS41404	Haldex	E-5526

PART NO.	COMPETITOR	EUCLID NO.
CS41405	Haldex	E-5527
CS41416	Haldex	E-9733
CS41417	Haldex	E-9734
CS41420	Haldex	E-9735
CS41421	Haldex	E-9736
CS41422	Haldex	E-10909
CS41423	Haldex	E-10910
CS41444	Haldex	E-11862
CS41445	Haldex	E-11863
CS41474	Haldex	E-2107
CS41475	Haldex	E-2108
CS41504	Haldex	E-2441B
CS41505	Haldex	E-2442B
CS41506	Haldex	E-1425A
CS41507	Haldex	E-1424A
CS41512	Haldex	E-2099
CS41513	Haldex	E-2100
CS41514	Haldex	E-685
CS41515	Haldex	E-684
CS41518	Haldex	E-691
CS41519	Haldex	E-690
CS41522	Haldex	E-1095
CS41523	Haldex	E-1094
CS41524	Haldex	E-4717
CS41525	Haldex	E-4716
CS41526	Haldex	E-2443B
CS41527	Haldex	E-2444B
CS41528	Haldex	E-1563
CS41529	Haldex	E-1564
CS41532	Haldex	E-2449A
CS41533	Haldex	E-2450A
CS41542	Haldex	E-4884
CS41543	Haldex	E-4885
CS41544	Haldex	E-4721
CS41545	Haldex	E-4720
CS41546	Haldex	E-4717
CS41547	Haldex	E-4716
CS41548	Haldex	E-4723
CS41549	Haldex	E-4722
CS41570	Haldex	E-5133
CS41571	Haldex	E-5134
CS41572	Haldex	E-5135
CS41573	Haldex	E-5136
CS41692	Haldex	E-9727
CS41710	Haldex	E-1394
CS41711	Haldex	E-1393
CS41714	Haldex	E-2493

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PART NO.	COMPETITOR	EUCLID NO.
CS41715	Haldex	E-2492
CS41718	Haldex	E-1423
CS41719	Haldex	E-1422
CS41722	Haldex	E-1421
CS41723	Haldex	E-1420
CS41724	Haldex	E-2793
CS41725	Haldex	E-2792
CS41728	Haldex	E-1563
CS41729	Haldex	E-1564
CS41730	Haldex	E-2099
CS41731	Haldex	E-2100
CS41752	Haldex	E-2451A
CS41753	Haldex	E-2452A
CS41754	Haldex	E-2797
CS41755	Haldex	E-2796
CS41756	Haldex	E-4719
CS41757	Haldex	E-4718
CS41758	Haldex	E-2445B
CS41759	Haldex	E-2446B
CS41760	Haldex	E-1776
CS41761	Haldex	E-1775
CS41761	Haldex	E-1776
CS41762	Haldex	E-1411
CS41763	Haldex	E-1410
CS41764	Haldex	E-11866
CS41765	Haldex	E-11867
CS41768	Haldex	E-5131
CS41769	Haldex	E-5132
CS41772	Haldex	E-5135
CS41773	Haldex	E-5136
CS52315	Haldex	E-6991B
CS52316	Haldex	E-6992B
CS52320	Haldex	E-6994B
CS52321	Haldex	E-6993B
CS52325	Haldex	E-6996B
CS52326	Haldex	E-6995B
CS52330	Haldex	E-6987B
CS52331	Haldex	E-6988B
CS52335	Haldex	E-6989B
CS52336	Haldex	E-6990B
CS52347	Haldex	E-10779A
CS52349	Haldex	E-10781A
CS52365	Haldex	E-10781A
CS56040	Haldex	E-11401
CT311	Sirco	E-4935
CT312	Sirco	E-8906
CT313	Sirco	E-10947

PART NO.	COMPETITOR	EUCLID NO.
CT331	Sirco	E-10946
CT332	Sirco	E-4737A
CT333	Sirco	E-4738A
CT334	Sirco	E-4739
CT336	Sirco	E-9591
CT337	Sirco	E-9592
CT338	Sirco	E-9593
CT350	Sirco	E-9596
CT351	Sirco	E-9597
CT356	Sirco	E-4934A
CT357	Sirco	E-5241A
CT359	Sirco	E-5243A
CT360	Sirco	E-5244A
CT361	Sirco	E-5242A
CT369	Sirco	E-9601
CT370	Sirco	E-9602
CT375	Sirco	E-11497
DP09	Haldex	E-8888
DP12	Haldex	E-8889
DP16	Haldex	E-8890
DP20	Haldex	E-8891
DP20L	Haldex	E-12772
DP24L	Haldex	E-8893
DP24XL	Haldex	E-11888
DP30	Haldex	E-8894
DP30L	Haldex	E-12773
DP36	Haldex	E-8895
DT30LS	Sirco	E-12773
E-1581	Eaton	E-536
E-1661	Eaton	E-527
E-1662	Eaton	E-654
E-1736	Eaton	E-1416A
E-1738	Eaton	E-712
E-2430SB	Power Equipment	E-GC2430
E-2764	NAPA	E-2764
E-2769BHD	Power Equipment	E-2769HD
E-2769SHD-R	Haldex	E-2769SHD
E-4515U	Spicer	E-4515U
E-5396	Eaton	E-4719
E-5481P	Power Equipment	E-5481A
E607009	Mack	E-1422
E6HZ2035A	Ford	E-7232
E6HZ2296A	Ford	E-7238
E7HZ2314A	Ford	E-15024
E-824A	BWP	E-1416
E8HZ2027A	Ford	E-7231
E8HZ2035A	Ford	E-7232

PART NO.	COMPETITOR	EUCLID NO.
E8HZ2045A	Ford	E-7237
E8HZ2237A	Ford	E-7235
E8HZ2296A	Ford	E-7238
E9602	Crewson	E-9102
E9HT2308B	Ford	E-15022
E9HT2308BA	Ford	E-15022
E9HT2308BB	Ford	E-15022
E9HT2314AA	Ford	E-15025
E9HT2314BA	Ford	E-15024
E9HT2314BB	Ford	E-15024
E9HZ2308B	Ford	E-15022
E9HZ2314B	Ford	E-15024
EB1000035	Eaton	E-536
EB1000035	Eaton	E-5512
EB1000035	Eaton	E-661
EB1000091	Eaton	E-2804
EB1000092	Eaton	E-2805
EB1001580	Eaton	E-3523
EB1001581	Eaton	E-3524
EB1006730	Eaton	E-5060
EB1006731	Eaton	E-5061
EB1006864	Eaton	E-5062
EB1006865	Eaton	E-5063
EB1008006	Eaton	E-5066
EB1008007	Eaton	E-5067
EB125030	Eaton	E-4721
EB125031	Eaton	E-4720
EB820073	Eaton	E-2107
EB820073	Eaton	E-2108
EB820074	Eaton	E-2107
EB820074	Eaton	E-2108
EB820083	Eaton	E-4716
EB820084	Eaton	E-4717
EB820102	Eaton	E-1788
EB820108	Eaton	E-1789
EF-2	Sirco	E-10760
EK-2	Sirco	E-2821
EK3	Sirco	E-3801
EK-3	Sirco	E-3801
E-M3188R	BWP	E-9099
EM50420	Haldex	E-6918A
EQ-1	Sirco	E-8925
ER00470	PAI	E-3427
ES-3	Sirco	E-9141
ES-4	Sirco	E-9039
ES5	Sirco	E-11981
EX-1	Sirco	E-8923

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PART NO.	COMPETITOR	EUCLID NO.
F-1691-25	Eaton	E-1095
F-1691-26	Eaton	E-4885
F18788	Wagner	E-2724
F1HS2314AA	Ford	E-15023
F2HS2308BA	Ford	E-15023
F2HS2314CA	Ford	E-15021
F2HS2314DA	Ford	E-15022
F-31921	Wagner	E-2734
F31922	Wagner	E-979
F31926	Wagner	E-2723
F31944	Wagner	E-2714A
F31945	Wagner	E-2715A
F-31955	Wagner	E-2720
F33186	Wagner	E-2713
F39185	Wagner	E-8888
F5035	Wagner	E-4890
F65Z2078BA	Ford	E-11201
F79791	Wagner	E-2740
F8HT2314AA	Ford	E-15024
F8HT2314AA	Freightliner	E-15024
F8HT2314BA	Ford	E-15025
F8HT2314BA	Freightliner	E-15025
F8HZ2308AA	Ford	E-15022
F8HZ2314AA	Ford	E-15024
F8HZ2314BA	Ford	E-15025
F8HZ2N220AA	Ford	E-15072
F97506	Wagner	E-3291
FC003002	Wagner	E-2733
FC015915	Wagner	E-2725
FC018788	Wagner	E-2724
FC031921	Wagner	E-2734
FC031926	Wagner	E-2723
FC031933	Wagner	E-2717
FC-031933	Wagner	E-2717
FC031954	Wagner	E-2409
FC031955	Wagner	E-2720
FC031960	Wagner	E-1269
FC31983	Wagner	E-1337
FC89177	Wagner	E-2770
FC89178	Wagner	E-2770
FC89777/8	Wagner	E-2770
FD31958	Wagner	E-980
FF-1	Sirco	E-7231
FF-1S	Sirco	E-7232
FK1HD	Sirco	E-2121SHD
FK-2	Sirco	KIT5
FLT3030LB20	Fleetrite	E-GC3030L

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FLT3030LCB20	Fleetrite	E-GC3030L
FLT3030SB28	Fleetrite	E-GP3030K
FLT3030SCB20	Fleetrite	E-GC3030
FLTC2424SB20	Fleetrite	E-BC2424C
FLTC2424SB20	Fleetrite	E-GC2424
FLTC2430SB20	Fleetrite	E-GC2430
FLTC30301305	Fleetrite	E-BC3030C
FLTC30301305	Fleetrite	E-GC3030
FLTC3030LB20	Fleetrite	E-BC3030CEL
FLTC-3030SCB20	Fleetrite	E-BC3030C
FLTCS101	Fleetrite	E-1094
FLTCS102	Fleetrite	E-1095
FLTCS108	Fleetrite	E-2287
FLTCS122	Fleetrite	E-9660
FLTCS124	Fleetrite	E-9659
FLTCS125	Fleetrite	E-11866
FLTCS126	Fleetrite	E-11867
FLTCS127	Fleetrite	E-9649
FLTCS131	Fleetrite	E-9735
FLTCS132	Fleetrite	E-9736
FLTCS136	Fleetrite	E-9662
FLTCS137	Fleetrite	E-9661
FLTCS155	Fleetrite	E-2442B
FLTCS156	Fleetrite	E-2441B
FLTCS166	Fleetrite	E-5507
FLTCS167	Fleetrite	E-5506
FLTCS168	Fleetrite	E-5511
FLTCS169	Fleetrite	E-5510
FLTCS226	Fleetrite	E-9650
FLTK3030LB24	Fleetrite	E-BC3030PKL
FLTK3030LB24	Fleetrite	E-LPP3030K
FLTK3030SB28	Fleetrite	E-BC3030PL
FLTS16S20	Fleetrite	E-BC16S
FLTS20S20	Fleetrite	E-BC20S
FLTS24S18	Fleetrite	E-BC24S
FLTS30S28	Fleetrite	E-BC30S
FR-1	Sirco	E-7237
FR-1S	Sirco	E-7238
G1803	Automann	E-1307
G1803	Flagg	E-1307
GBH1225	Gorilla	E-10875
GBH1225D	Gorilla	E-2030HD
GBH1225D-51	Gorilla	E-3373HD
GBH1225D-51	Gorilla	E-9281

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GBH1225D-52	Gorilla	E-9281
GBH1225DU	Gorilla	E-3782
GBH1225DU	Gorilla	E-9283
GBH1225DU-53	Gorilla	E-5306
GBH1225DU-54	Gorilla	E-9283
GBH1225E	Gorilla	E-2126
GBH1225F	Gorilla	E-2286
GBH1225Q	Gorilla	E-3484
GBH1225SF	Gorilla	E-2402HD
GBH1225SF-55	Gorilla	E-2403HD
GBH1225SF-55	Gorilla	E-9282
GBH1308Q	Gorilla	E-1308Q
GBH1308Q-88	Gorilla	E-1308Q
GBH1308T	Gorilla	E-4691
GBH1308T-88	Gorilla	E-4691
GBH1500B	Gorilla	E-7231
GBH1535W	Gorilla	E-2740
GBH1657B	Gorilla	E-7237
GBH1657B-88	Gorilla	E-7238
GBH1800E	Gorilla	E-2821
GBH4311E	Gorilla	E-4311EHDN
GBH4311EHM	Gorilla	E-3801
GBH4515F-1	Gorilla	E-4515X
GBH4515F-3	Gorilla	E-4515XHD
GBH4515P	Gorilla	E-4515PHD
GBH4515P-1	Gorilla	E-4515P
GBH4515P-61	Gorilla	E-4515P
GBH4515P-63	Gorilla	E-4515PHD
GBH4515Q-1	Gorilla	E-4515QN
GBH4515Q-14	Gorilla	E-4515QMBN
GBH4515Q-3	Gorilla	E-4515QHDN
GBH4515Q-34	Gorilla	E-4515QMB-HDN
GBH4515Q-81	Gorilla	E-4515QMBN
GBH4515Q-83	Gorilla	E-4515QMB-HDN
GBH4515Q-881	Gorilla	E-4515U
GBH4515QFL	Gorilla	E-4515U
GBH4515QM	Gorilla	E-9644
GBH4515XL	Gorilla	E-5515
GBH4709E	Gorilla	E-4709ESN
GBH4709E-12	Gorilla	E-4709ES2N
GBH4716E	Gorilla	E-9141
GBH4717E	Gorilla	E-9039
GBH4719E	Gorilla	E-10760
GC2024	Haldex	E-GC2024
GC2424	Haldex	E-GC2424
GC2424L	Haldex	E-GC2424L

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PART NO.	COMPETITOR	EUCLID NO.
GC2430	Haldex	E-GC2430
GC2430L	Haldex	E-GC2430L
GC2430XL	Haldex	E-GP2430XL
GC3030	Haldex	E-GC3030
GC3030	Haldex	E-GC3030P40
GC3030CF	Haldex	E-GC3030CF
GC3030CF	Haldex	E-GC-3030CFP40
GC3030CFP40	Haldex	E-GC-3030CFP40
GC3030L	Haldex	E-GC3030L
GC3030P40	Haldex	E-GC3030P40
GC3030R	Haldex	E-GC3030R
GC3036	Haldex	E-GC3036
GC3036L	Haldex	E-GC3036L
GC3636	Haldex	E-GC3636
GP1624	Haldex	E-GP1624
GP2424L	Haldex	E-GP2424L
GP2430L	Haldex	E-GP2430L
GP2430XL	Haldex	E-GP2430XL
GP3030	Haldex	E-GP3030
GP3030K	Haldex	E-GP3030K
GP3036	Haldex	E-GP3036
GUNAS1031	Freightliner	E-15015
GUNAS1032	Freightliner	E-15016
GUNAS1033	Freightliner	E-15017
GUNAS1034	Freightliner	E-15018
GUNAS1035	Freightliner	E-15019
GUNAS1036	Freightliner	E-15020
GUNAS1037	Freightliner	E-15021
GUNAS1038	Freightliner	E-15022
GUNAS1039	Freightliner	E-15023
GUNAS1042	Freightliner	E-15026
GUNAS1043	Freightliner	E-15027
GUNAS1044	Freightliner	E-15028
GUNAS1045	Freightliner	E-15029
GUNAS1131	Freightliner	E-15015
GUNAS1132	Freightliner	E-15016
GUNAS1133	Freightliner	E-15017
GUNAS1134	Freightliner	E-15018
GUNAS1135	Freightliner	E-15019
GUNAS1136	Freightliner	E-15020
GUNAS1137	Freightliner	E-15021
GUNAS1138	Freightliner	E-15022
GUNAS1139	Freightliner	E-15023
GUNAS1140	Freightliner	E-15024
GUNAS1141	Freightliner	E-15025
GUNAS1142	Freightliner	E-15026

PART NO.	COMPETITOR	EUCLID NO.
GUNAS1143	Freightliner	E-15027
GUNAS1144	Freightliner	E-15028
GUNAS1145	Freightliner	E-15029
GUNAS1146	Freightliner	E-15030
GUNAS1147	Freightliner	E-15031
GUNAS1148	Freightliner	E-15032
GUNAS1149	Freightliner	E-15033
GUNAS1150	Freightliner	E-15034
GUNAS1151	Freightliner	E-15035
GUNAS1152	Freightliner	E-15036
GUNAS1153	Freightliner	E-15037
GUNAS1154	Freightliner	E-15038
GUNAS1156	Freightliner	E-15040
GUNAS1157	Freightliner	E-15041
GUNAS1159	Freightliner	E-15042
GUNAS1160	Freightliner	E-15043
GUNAS1161	Freightliner	E-15044
GUNAS1162	Freightliner	E-15045
GUNAS1163	Freightliner	E-15046
GUNAS1164	Freightliner	E-15047
GUNAS1165	Freightliner	E-15048
GUNAS1166	Freightliner	E-15049
GUNAS1167	Freightliner	E-15050
GUNAS1168	Freightliner	E-15051
GUNAS1169	Freightliner	E-15052
GUNAS1170	Freightliner	E-15053
GUNAS1171	Freightliner	E-15054
GUNAS1172	Freightliner	E-15055
GUNAS1173	Freightliner	E-15056
GUNAS1174	Freightliner	E-15057
GUNAS1175	Freightliner	E-15058
GUNAS1176	Freightliner	E-15059
GUNAS1179	Freightliner	E-15060
GUNAS3000	Freightliner	E-15061
GUNAS3001	Freightliner	E-15062
GUNAS3002	Freightliner	E-15063
GUNAS3003	Freightliner	E-15064
GUNAS3013	Freightliner	E-15067
GUNAS3015	Freightliner	E-15068
GUNAS3016	Freightliner	E-15069
GUNAS3017	Freightliner	E-15070
GUNAS3018	Freightliner	E-15071
GUNAS3019	Freightliner	E-15072
GUNAS3021	Freightliner	E-15073
GUNASA02110	Freightliner	E-15040
GUNASA02111	Freightliner	E-15040
GUNASF00301	Freightliner	E-15064

PART NO.	COMPETITOR	EUCLID NO.
GUNASF01502	Freightliner	E-15069
GUNSA09502	Freightliner	E-15040
GUNSA09902	Freightliner	E-15016
GUNSA09903	Freightliner	E-15017
GUNSA10002	Freightliner	E-15020
GUNSA10202	Freightliner	E-15024
GUNSA10203	Freightliner	E-15025
GUNSA11602	Freightliner	E-15030
GUNSA11702	Freightliner	E-15053
GUNSA11902	Freightliner	E-15055
GUNSA11903	Freightliner	E-15056
H10002L	Hercules	E-2479B
H10003R	Hercules	E-2478B
H10004L	Hercules	E-2701B
H10005R	Hercules	E-2700B
H10006L	Hercules	E-5057
H10007R	Hercules	E-5056
H10010L	Hercules	E-1789
H10011R	Hercules	E-1788
H10012L	Hercules	E-9687A
H10013R	Hercules	E-9688A
H10014L	Hercules	E-1774C
H10015R	Hercules	E-1773C
H10016L	Hercules	E-1148C
H10017R	Hercules	E-1147C
H10018L	Hercules	E-9689A
H10019R	Hercules	E-9690A
H10020L	Hercules	E-4892
H10021R	Hercules	E-4893
H10022L	Hercules	E-4705B
H10023R	Hercules	E-4704B
H10024L	Hercules	E-4707B
H10025R	Hercules	E-4706B
H10026L	Hercules	E-2800
H10027R	Hercules	E-2799
H10028L	Hercules	E-9763
H10029R	Hercules	E-9764
H10030L	Hercules	E-9765
H10031R	Hercules	E-9766
H10032L	Hercules	E-4886
H10033R	Hercules	E-4887
H10034L	Hercules	E-9691A
H10035R	Hercules	E-9692A
H10036L	Hercules	E-4703B
H10037R	Hercules	E-4702B
H10042L	Hercules	E-2787
H10043R	Hercules	E-2786

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H10044L	Hercules	E-4709B
H10045R	Hercules	E-4708B
H10046L	Hercules	E-4888
H10047R	Hercules	E-4889
H10052L	Hercules	E-3523
H10053R	Hercules	E-3524
H10054L	Hercules	E-4740
H10055R	Hercules	E-4741
H10056L	Hercules	E-9055
H10057R	Hercules	E-9056
H10100L	Hercules	E-1411
H10101R	Hercules	E-1410
H10124L	Hercules	E-5516
H10125R	Hercules	E-5517
H10126L	Hercules	E-5518
H10127R	Hercules	E-5519
H10128L	Hercules	E-6101
H10129R	Hercules	E-6102
H10130L	Hercules	E-5520
H10131R	Hercules	E-5521
H10148L	Hercules	E-10863
H10148L	Hercules	E-9707
H10149R	Hercules	E-9708
H10150L	Hercules	E-9096
H10151R	Hercules	E-9097
H10152L	Hercules	E-5522
H10153R	Hercules	E-5523
H10154L	Hercules	E-5524
H10155R	Hercules	E-5525
H10156L	Hercules	E-9098
H10157R	Hercules	E-9099
H10158L	Hercules	E-5526
H10159R	Hercules	E-5527
H10162L	Hercules	E-9100
H10163R	Hercules	E-9101
H10166L	Hercules	E-9729
H10167R	Hercules	E-9730
H10168L	Hercules	E-9731
H10169R	Hercules	E-9732
H10170L	Hercules	E-9733
H10171R	Hercules	E-9734
H10172L	Hercules	E-9735
H10173R	Hercules	E-9736
H10174L	Hercules	E-9737
H10175R	Hercules	E-9738
H10176L	Hercules	E-10909
H10177R	Hercules	E-10910

PART NO.	COMPETITOR	EUCLID NO.
H10180L	Hercules	E-9759
H10181R	Hercules	E-9760
H10182L	Hercules	E-9693
H10183R	Hercules	E-9694
H10184L	Hercules	E-9695
H10185R	Hercules	E-9696
H10186L	Hercules	E-9697
H10187R	Hercules	E-9698
H10188L	Hercules	E-9699
H10189R	Hercules	E-9700
H10190L	Hercules	E-9701
H10191R	Hercules	E-9702
H10198L	Hercules	E-5529
H10199R	Hercules	E-5530
H10200L	Hercules	E-9711
H10201R	Hercules	E-9712
H10204L	Hercules	E-9715
H10205R	Hercules	E-9716
H10206L	Hercules	E-9717
H10207R	Hercules	E-9718
H10214L	Hercules	E-5490
H10215R	Hercules	E-5491
H10216L	Hercules	E-9767
H10217R	Hercules	E-9768
H10218L	Hercules	E-5492
H10219R	Hercules	E-5493
H10220L	Hercules	E-9769
H10221R	Hercules	E-9770
H10222L	Hercules	E-9771
H10223R	Hercules	E-9772
H10224L	Hercules	E-9057
H10225R	Hercules	E-9058
H10226L	Hercules	E-9059
H10227R	Hercules	E-9060
H10228L	Hercules	E-5494
H10229R	Hercules	E-5495
H10230L	Hercules	E-5496
H10231R	Hercules	E-5497
H-10232L	Hercules	E-16736
H-10233R	Hercules	E-16737
H10250L	Hercules	E-2715A
H10251R	Hercules	E-2714A
H10260L	Hercules	E-4711B
H10261R	Hercules	E-4710B
H10264L	Hercules	E-687
H10265R	Hercules	E-686
H10266L	Hercules	E-2795

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H10267R	Hercules	E-2794
H10268L	Hercules	E-4713
H10269R	Hercules	E-4712
H10276L	Hercules	E-2447A
H10277R	Hercules	E-2448A
H10278L	Hercules	E-4715A
H10279R	Hercules	E-4714A
H10284L	Hercules	E-689A
H10285R	Hercules	E-688A
H10292L	Hercules	E-2693
H10293R	Hercules	E-2694
H10370L	Hercules	E-3516
H10371R	Hercules	E-3517
H10372L	Hercules	E-9087
H10373R	Hercules	E-9088
H10380L	Hercules	E-4900
H10381R	Hercules	E-4901
H10400L	Hercules	E-9647
H10401R	Hercules	E-9648
H10402L	Hercules	E-9659
H10403R	Hercules	E-9660
H10404L	Hercules	E-9663
H10405R	Hercules	E-9664
H10414L	Hercules	E-10306A
H10415R	Hercules	E-10307A
H10416L	Hercules	E-9725
H10417R	Hercules	E-9726
H10418L	Hercules	E-3854
H10419R	Hercules	E-3855
H10420L	Hercules	E-6884
H10421R	Hercules	E-6885
H10422L	Hercules	E-3856
H10423R	Hercules	E-3857
H10425R	Hercules	E-9099
H10426L	Hercules	E-9100
H10427R	Hercules	E-9101
H10430L	Hercules	E-10911
H10431R	Hercules	E-10912
H10444L	Hercules	E-9273
H10445R	Hercules	E-9274
H10450L	Hercules	E-9263
H10451R	Hercules	E-9264
H10452L	Hercules	E-9751
H10464L	Hercules	E-9273
H10465R	Hercules	E-9274
H10482L	Hercules	E-9755
H10483R	Hercules	E-9756

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H10484L	Hercules	E-9757
H10485R	Hercules	E-9758
H10486L	Hercules	E-9759
H10487R	Hercules	E-9760
H10498L	Hercules	E-10913
H10499R	Hercules	E-10914
H10500L	Hercules	E-10915
H10501R	Hercules	E-10916
H10504L	Hercules	E-2441B
H10505R	Hercules	E-2442B
H10506L	Hercules	E-1425A
H10507R	Hercules	E-1424A
H10512L	Hercules	E-2099
H10513R	Hercules	E-2100
H10514L	Hercules	E-685
H10515R	Hercules	E-684
H10516L	Hercules	E-691
H10517R	Hercules	E-690
H10522L	Hercules	E-1095
H10523R	Hercules	E-1094
H10524	Hercules	E-1420
H10525	Hercules	E-1421
H10526L	Hercules	E-2443B
H10527R	Hercules	E-2444B
H10528L	Hercules	E-1563
H10529R	Hercules	E-1564
H10532L	Hercules	E-2449A
H10533R	Hercules	E-2450A
H10542L	Hercules	E-4884
H10542L	Hercules	E-9089
H10543R	Hercules	E-4885
H10543R	Hercules	E-9090
H10544L	Hercules	E-4721
H10545R	Hercules	E-4720
H10546L	Hercules	E-4717
H10547R	Hercules	E-4716
H10548L	Hercules	E-4723
H10549R	Hercules	E-4722
H10552L	Hercules	E-9651
H10553R	Hercules	E-9652
H10554L	Hercules	E-9654
H10555R	Hercules	E-9653
H10556L	Hercules	E-9655
H10557R	Hercules	E-9656
H10558L	Hercules	E-9657
H10559R	Hercules	E-9658
H10560L	Hercules	E-9659

PART NO.	COMPETITOR	EUCLID NO.
H10561R	Hercules	E-9660
H10562L	Hercules	E-9661
H10563R	Hercules	E-9662
H10564L	Hercules	E-9667
H10565R	Hercules	E-9668
H10566L	Hercules	E-9669
H10567R	Hercules	E-9670
H10568L	Hercules	E-9671
H10569R	Hercules	E-9672
H10570L	Hercules	E-4884
H10571R	Hercules	E-4885
H10572L	Hercules	E-7217
H10573R	Hercules	E-7218
H10574L	Hercules	E-7219
H10575R	Hercules	E-7220
H10602L	Hercules	E-5129
H10603R	Hercules	E-5130
H10606L	Hercules	E-5060
H10607R	Hercules	E-5061
H10608L	Hercules	E-5066
H10609R	Hercules	E-5067
H10610L	Hercules	E-5131
H10611R	Hercules	E-5132
H10612L	Hercules	E-5133
H10613R	Hercules	E-5134
H10614L	Hercules	E-5135
H10615R	Hercules	E-5136
H10616L	Hercules	E-5062
H10617R	Hercules	E-5063
H10710	Hercules	E-1393
H10711	Hercules	E-1394
H10752	Hercules	E-2451A
H10752L	Hercules	E-2451A
H10753	Hercules	E-2452A
H10753R	Hercules	E-2452A
H10754	Hercules	E-2796
H10754L	Hercules	E-2797
H10755	Hercules	E-2797
H10755R	Hercules	E-2796
H10756	Hercules	E-4718
H10756L	Hercules	E-4719
H10757	Hercules	E-4719
H10757R	Hercules	E-4718
H10758	Hercules	E-2445B
H10758L	Hercules	E-2445B
H10759	Hercules	E-2446B
H10759R	Hercules	E-2446B

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H10760	Hercules	E-1775
H10760L	Hercules	E-1776
H10761	Hercules	E-1776
H10761R	Hercules	E-1775
H10764	Hercules	E-2412A
H10764L	Hercules	E-2413A
H10765	Hercules	E-2413A
H10765R	Hercules	E-2412A
H10770L	Hercules	E-9673A
H10771R	Hercules	E-9674A
H10772	Hercules	E-9676
H10772L	Hercules	E-9675
H10773	Hercules	E-9675
H10773R	Hercules	E-9676
H10774L	Hercules	E-9677
H10775R	Hercules	E-9678
H10776L	Hercules	E-9681
H10777R	Hercules	E-9682
H10778L	Hercules	E-9683
H10779R	Hercules	E-9670
H10779R	Hercules	E-9684
H10812	Hercules	E-3861
H10812L	Hercules	E-3861
H10813	Hercules	E-3862
H10813R	Hercules	E-3862
H10814L	Hercules	E-4890
H10815R	Hercules	E-4891
H10818L	Hercules	E-9761
H10819R	Hercules	E-9762
H-10820L	Hercules	E-16744
H-10821R	Hercules	E-16745
H-10824L	Hercules	E-16741
H-10825R	Hercules	E-16740
H10830L	Hercules	E-9028
H10832L	Hercules	E-9030
H10833R	Hercules	E-9031
H10834L	Hercules	E-9032
H10835R	Hercules	E-9033
H10836L	Hercules	E-9034
H10837R	Hercules	E-9035
H-10838L	Hercules	E-16746
H-10839R	Hercules	E-16747
H10840L	Hercules	E-11521
H10841R	Hercules	E-11520
H10842L	Hercules	E-11523
H10843R	Hercules	E-11522
H10844L	Hercules	E-9065

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H10845R	Hercules	E-9065
H10845R	Hercules	E-9066
H10846L	Hercules	E-9067A
H10846L	Hercules	E-9068A
H10847R	Hercules	E-9067A
H10847R	Hercules	E-9068A
H10848L	Hercules	E-11539
H10849R	Hercules	E-11538
H10850L	Hercules	E-11549
H10851R	Hercules	E-11548
H10854L	Hercules	E-5506
H10855R	Hercules	E-5507
H10856L	Hercules	E-5508
H10857R	Hercules	E-5509
H10858	Hercules	E-5510
H10858L	Hercules	E-5510
H10859	Hercules	E-5511
H10859R	Hercules	E-5511
H10864L	Hercules	E-11551
H10865R	Hercules	E-11550
H10868L	Hercules	E-11567
H10869R	Hercules	E-11566
H10878L	Hercules	E-10901
H10879R	Hercules	E-10902
H10882L	Hercules	E-10903
H10883R	Hercules	E-10904
H10886L	Hercules	E-10905
H10887R	Hercules	E-10906
H10890L	Hercules	E-10907
H10891R	Hercules	E-10908
H10924L	Hercules	E-4991
H10925R	Hercules	E-4992
H10936L	Hercules	E-10899
H10937R	Hercules	E-10900
H10986L	Hercules	E-10917
H10987R	Hercules	E-10918
H10990L	Hercules	E-10919
H10991R	Hercules	E-10920
H10992L	Hercules	E-10921
H10993R	Hercules	E-10922
H10994L	Hercules	E-10923
H10995R	Hercules	E-10924
H10996L	Hercules	E-10925
H10997R	Hercules	E-10926
H10998L	Hercules	E-10927
H10999R	Hercules	E-10928
H11000L	Hercules	E-10863

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H11001R	Hercules	E-10864
H11008L	Hercules	E-10862
H11009R	Hercules	E-10861
H11024L	Hercules	E-11961
H11025R	Hercules	E-11960
H11034L	Hercules	E-9067A
H11034L	Hercules	E-9068A
H11035R	Hercules	E-9067A
H11035R	Hercules	E-9068A
H12000L	Hercules	E-10929
H12001R	Hercules	E-10930
H12028L	Hercules	E-11969
H12032L	Hercules	E-11866
H12033R	Hercules	E-11867
H12034L	Hercules	E-11864
H12035R	Hercules	E-11865
H-12038L	Hercules	E-17160
H-12039R	Hercules	E-17161
H-12060L	Hercules	E-17170
H-12061R	Hercules	E-17171
H-12116L	Hercules	E-17162
H-12117R	Hercules	E-17163
H-12142L	Hercules	E-16852
H-12143R	Hercules	E-16853
H-12148L	Hercules	E-17172
H-12149R	Hercules	E-17173
H-12182L	Hercules	E-16848
H-12183R	Hercules	E-16849
H-12184L	Hercules	E-16850
H-12185R	Hercules	E-16851
H-12186L	Hercules	E-16854
H-12187R	Hercules	E-16855
H-12190L	Hercules	E-16836
H-12190R	Hercules	E-16837
H-12192L	Hercules	E-16840
H-12192R	Hercules	E-16841
H-12194L	Hercules	E-16842
H-12195R	Hercules	E-16843
H-12196L	Hercules	E-16844
H-12197R	Hercules	E-16845
H2001	Hercules	E-6991B
H2002	Hercules	E-6992B
H2003	Hercules	E-6993B
H2004	Hercules	E-6994B
H2022A	Hercules	E-2458S
H2062	Hercules	E-6944
H2063	Hercules	E-6942

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H3030	Hercules	E-10936
H3031	Hercules	E-10946
H3033	Hercules	E-4738A
H3034	Hercules	E-4739
H3035	Hercules	E-9590
H3036	Hercules	E-9591
H3037	Hercules	E-9592
H3038	Hercules	E-9593
H3039	Hercules	E-9594
H3040	Hercules	E-10932
H3041	Hercules	E-10937
H3042	Hercules	E-9592
H3045	Hercules	E-10931
H3050	Hercules	E-9596
H3051	Hercules	E-9597
H3053	Hercules	E-10933
H3054	Hercules	E-10934
H3056	Hercules	E-4934A
H3057	Hercules	E-5241A
H3058	Hercules	E-5240A
H3059	Hercules	E-5243A
H3060	Hercules	E-5244A
H3061	Hercules	E-5242A
H3062	Hercules	E-9598
H3064	Hercules	E-9600
H3065	Hercules	E-10944
H3067	Hercules	E-10943
H3068	Hercules	E-10939
H3069	Hercules	E-9601
H3070	Hercules	E-9602
H3072	Hercules	E-10940
H3073	Hercules	E-10942
H3074	Hercules	E-10945
H3075	Hercules	E-11497
H3102	Hercules	E-8906
H3103	Hercules	E-10947
H3901	Hercules	E-4935
H414210	Meritor	E-TMH414210
H414249	Meritor	E-TMH414249
H715311	Meritor	E-TMH715311
H715334	Meritor	E-TMH715334
H715341	Meritor	E-TMH715341
H715343	Meritor	E-TMH715343
H715345	Meritor	E-TMH715345
H-8088L	Hercules	E-17164
H-8089R	Hercules	E-17165
H8602	Hercules	E-759

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H8643	Hercules	E-1357A
H8644	Hercules	E-2363
H8645	Hercules	E-2382
H8646	Hercules	E-2086B
H8648	Hercules	E-2125
H8649	Hercules	E-2090
H8650	Hercules	E-2122
H8652	Hercules	E-2287
H8655	Hercules	E-2469
H8656	Hercules	E-2087
H8657	Hercules	E-2089
H8660	Hercules	E-2291
H8661	Hercules	E-2670
H8681	Hercules	E-2088A
H8682	Hercules	E-2469
H8683	Hercules	E-3520A
H8684	Hercules	E-2696A
H8685Z	Hercules	E-2680
H8686	Hercules	E-2679A
H8688	Hercules	E-3468A
H8696	Hercules	E-1318A
H8707	Hercules	E-3993B
H8712	Hercules	E-2494
H8714	Hercules	E-2104
H8742	Hercules	E-5140
H8743	Hercules	E-3446
H8746	Hercules	E-5501
H8746Z	Hercules	E-10897
H8766	Hercules	E-5513
H8772M	Hercules	E-9078HD
H8783	Hercules	E-6076
H8788	Hercules	E-6078
H8792	Hercules	E-9790A
H8793	Hercules	E-9053
HBG-3390	PAI	E-712
HCK1407	Hercules	E-2090
HCK1410	Hercules	E-2287
HCK1416	Hercules	E-2670
HCK1419	Hercules	E-3520A
HCK1425	Hercules	E-3993B
HCK1437	Hercules	E-9790A
HCK1442HD	Hercules	E-9079HD
HCK1443	Hercules	E-6078
HCM-4941	PAI	E-2478B
HCM-4951	PAI	E-2479B
HDA6999SHD	HDATP	E-4515QMB-HDN
HFT-5340	PAI	E-537

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HH221410	Meritor	E-TMHH221410
HH221442	Meritor	E-TMHH221442
HH506310	Meritor	E-TMHH506310
HH506348	Meritor	E-TMHH506348
HK1225D	Uni-Bond	E-2030HD
HK1225D-51	Uni-Bond	E-3373HD
HK1225D-52	Uni-Bond	E-9281
HK1225DU	Uni-Bond	E-3782
HK1225DU-53	Uni-Bond	E-5306
HK1225DU-54	Uni-Bond	E-9283
HK1225DX	Uni-Bond	E-10875
HK1225E	Uni-Bond	E-2126
HK1225F	Uni-Bond	E-2286
HK1225Q	Uni-Bond	E-3484
HK1225SF	Uni-Bond	E-2402HD
HK1225SF-55	Uni-Bond	E-2403HD
HK1308E	Uni-Bond	E-5139
HK1308Q	Uni-Bond	E-1308Q
HK1308Q	Uni-Bond	E-3869
HK1308Q	Uni-Bond	E-3874
HK1308Q-88	Uni-Bond	E-1308Q
HK1308T	Uni-Bond	E-4691
HK1308T-88	Uni-Bond	E-6879
HK14SD	Spicer	E-4515PHD
HK14XLS	Spicer	E-4515P
HK1500B	Uni-Bond	E-7231
HK1535W	Uni-Bond	E-2740
HK1540W	Uni-Bond	E-3291
HK16	Spicer	KIT4HD
HK1657B	Uni-Bond	E-7237
HK1657B-88	Uni-Bond	E-7238
HK1657QFL	Uni-Bond	E-9070
HK1657QM	Uni-Bond	E-9644
HK16SD	Spicer	KIT4SHD
HK16XLS	Spicer	KIT4HD
HK16XLS	Spicer	KIT4S
HK17XLS	Spicer	E-2121
HK1800E	Uni-Bond	E-2821
HK22XLS	Spicer	KIT1
HK24XLSHM	Dana	E-3801
HK24XLSLM	Spicer	E-1887AHD
HK24XLSLM	Spicer	E-4311EHDN
HK26	Spicer	E-2821
HK27	Spicer	E-5499
HK29	Spicer	E-4515QN
HK29XLS	Spicer	E-4515QHDN
HK32SD	Spicer	E-5515

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HK34SD	Spicer	E-3710HD
HK34XLS	Spicer	E-3710HD
HK34XLS	Spicer	E-3710S
HK34XLS	Spicer	E-4515X
HK38	Spicer	E-4515U
HK40	Spicer	E-2126
HK4311E	Uni-Bond	E-4311EHDN
HK4311E-59	Uni-Bond	E-4311EHDN
HK4311EHM	Uni-Bond	E-3801
HK43XLS	Spicer	E-2402HD
HK4515F-1	Uni-Bond	E-4515X
HK4515F-11	Uni-Bond	E-4515X
HK4515F-3	Uni-Bond	E-3710HD
HK4515F-3	Uni-Bond	E-4515X
HK4515F-3	Uni-Bond	E-4515XHD
HK4515F-366	Uni-Bond	E-4515X
HK4515F-3A	Uni-Bond	E-4515XHD
HK4515F-56	Uni-Bond	KIT5
HK4515P	Uni-Bond	E-4515P
HK4515P	Uni-Bond	E-4515PHD
HK4515P-1	Uni-Bond	E-4515P
HK4515P-60	Uni-Bond	E-4515P
HK4515P-63	Uni-Bond	E-4515PHD
HK4515P9	Uni-Bond	E-4515PHD
HK4515Q-1	Uni-Bond	E-4515QN
HK4515Q14	Uni-Bond	E-4515QN
HK4515Q2	Uni-Bond	E-4515QHDN
HK4515Q-3	Uni-Bond	E-4515QHDN
HK4515Q-3A	Uni-Bond	E-4515QHDN
HK4515Q-81	Uni-Bond	E-4515QMBN
HK4515Q-83	Uni-Bond	E-4515QMBN
HK4515Q-881	Uni-Bond	E-3895S
HK4515Q-881	Uni-Bond	E-4515U
HK4515Q-883	Uni-Bond	E-4515QMB-HDN
HK4515XL	Uni-Bond	E-5515
HK4524QM	Uni-Bond	E-9644
HK45XLS	Spicer	E-2030HD
HK4702Q	Uni-Bond	E-9064
HK4707Q	Uni-Bond	E-4515QHDN
HK4708EF	Uni-Bond	E-8923
HK4708EQ	Uni-Bond	E-8925
HK4709E	Uni-Bond	E-4709ESN
HK4709E	Uni-Bond	E-5481A
HK4709E-12	Uni-Bond	E-4709ES2N
HK4716E	Uni-Bond	E-9141
HK4717E	Uni-Bond	E-9039
HK4719E	Uni-Bond	E-4709ES2N

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HK47XLS-125	Spicer	E-3782
HK47XLS-150	Spicer	E-10875
HK48XLS-125	Spicer	E-3373HD
HK48XLS-150	Spicer	E-9281
HK49-125	Spicer	E-3374HD
HK49-150	Spicer	E-14539
HK50	Spicer	E-4691
HK51	Spicer	E-4691
HK52	Spicer	E-4692
HK53	Spicer	E-2713
HK54	Spicer	E-1308EN
HK54	Spicer	E-5139
HK55	Spicer	E-1308Q
HK57	Spicer	E-2740
HK61	Spicer	E-10244
HK61SD	Spicer	E-10244
HK61XLS	Spicer	E-10244
HK61XLS	Spicer	E-4709ES2N
HK62XLS	Spicer	E-10760
HK63	Spicer	E-4709ESN
HK63	Spicer	E-5481A
HK63XLS	Spicer	E-5481A
HK68	Spicer	E-3518
HK70	Spicer	E-7231
HK71	Spicer	E-7237
HK72	Spicer	E-9048
HK74XLS	Spicer	E-3895SHD
HK77	Spicer	E-3869
HK80XLS	Spicer	E-9070
HK81XLS	Spicer	E-9644
HK95XLS	Spicer	E-11747
HK97XLS	Spicer	E-11981
HLK-5310	PAI	E-5093
HM212011	Meritor	E-TMHHM212011
HM212044	Meritor	E-TMHHM212044
HM212046	Meritor	E-TMHHM212046
HM212047	Meritor	E-TMHHM212047
HM212049	Meritor	E-TMHHM212049
HM212049X	Meritor	E-TMH-M212049X
HM218210	Meritor	E-TMHHM218210
HM218248	Meritor	E-TMHHM218248
HM516410	Meritor	E-TMHHM516410
HM516449A	Meritor	E-TMH-M516449A
HM516449C	Meritor	E-TM-HM516449C
HM518410	Meritor	E-TMHHM518410

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HM518445	Meritor	E-TMHHM518445
HM801310	Meritor	E-TMHHM801310
HM801346X	Meritor	E-TMH-M801346X
HM803110	Meritor	E-TMHHM803110
HM803146	Meritor	E-TMHHM803146
HM803149	Meritor	E-TMHHM803149
HM804810	Meritor	E-TMHHM804810
HM804840	Meritor	E-TMHHM804840
HM804846	Meritor	E-TMHHM804846
HM807010	Meritor	E-TMHHM807010
HM807040	Meritor	E-TMHHM807040
HM807044	Meritor	E-TMHHM807044
HM807046	Meritor	E-TMHHM807046
HM807049	Meritor	E-TMHHM807049
HM813810	Meritor	E-TMHHM813810
HM813843	Meritor	E-TMHHM813843
HM813844	Meritor	E-TMHHM813844
HM88610	Meritor	E-TMHHM88610
HM88649	Meritor	E-TMHHM88649
HM89410	Meritor	E-TMHHM89410
HM89449	Meritor	E-TMHHM89449
HM903210	Meritor	E-TMHHM903210
HM903244	Meritor	E-TMHHM903244
HM903249	Meritor	E-TMHHM903249
HM903249A	Meritor	E-TMH-M903249A
HM911210	Meritor	E-TMHHM911210
HM911242	Meritor	E-TMHHM911242
HM911245	Meritor	E-TMHHM911245
HPR5150	PAI	E-501
HQ10002L	Hercules	E-2479B
HQ10003R	Hercules	E-2478B
HQ10004L	Hercules	E-2701B
HQ10005R	Hercules	E-2700B
HQ10012L	Hercules	E-9687A
HQ10013R	Hercules	E-9688A
HQ10014L	Hercules	E-1774C
HQ10015R	Hercules	E-1773C
HQ10016L	Hercules	E-1148C
HQ10017R	Hercules	E-1147C
HQ10018L	Hercules	E-9689A
HQ10019R	Hercules	E-9690A
HQ10022L	Hercules	E-4705B
HQ10023R	Hercules	E-4704B
HQ10024L	Hercules	E-4707B
HQ10025R	Hercules	E-4706B
HQ10034L	Hercules	E-9691A

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HQ10035R	Hercules	E-9692A
HQ10036L	Hercules	E-4703B
HQ10037R	Hercules	E-4702B
HQ10044L	Hercules	E-4709B
HQ10045R	Hercules	E-4708B
HQ10260L	Hercules	E-4711B
HQ10261R	Hercules	E-4710B
HQ10276L	Hercules	E-2447A
HQ10277R	Hercules	E-2448A
HQ10278L	Hercules	E-4715A
HQ10279R	Hercules	E-4714A
HQ10284L	Hercules	E-689A
HQ10285R	Hercules	E-688A
HQ10300L	Hercules	E-9645
HQ10301R	Hercules	E-9646
HQ10302L	Hercules	E-9649
HQ10303R	Hercules	E-9650
HQ10304L	Hercules	E-5504A
HQ10305R	Hercules	E-5505A
HQ10306L	Hercules	E-9655
HQ10307R	Hercules	E-9656
HQ10309R	Hercules	E-11542
HQ10310L	Hercules	E-9659
HQ10311R	Hercules	E-9660
HQ10312L	Hercules	E-9661
HQ10313R	Hercules	E-9662
HQ10316L	Hercules	E-9671
HQ10317R	Hercules	E-9672
HQ10318L	Hercules	E-9673A
HQ10319R	Hercules	E-9674A
HQ10320L	Hercules	E-9673A
HQ10321R	Hercules	E-9674A
HQ10322L	Hercules	E-9675
HQ10323R	Hercules	E-9676
HQ10324L	Hercules	E-9679
HQ10325R	Hercules	E-9680
HQ10326L	Hercules	E-11581
HQ10327R	Hercules	E-11580
HQ10328L	Hercules	E-9681
HQ10329R	Hercules	E-9682
HQ10330L	Hercules	E-10306A
HQ10331R	Hercules	E-10307A
HQ10332L	Hercules	E-11585
HQ10333R	Hercules	E-11584
HQ10334L	Hercules	E-11603
HQ10335R	Hercules	E-11602
HQ10336L	Hercules	E-9677

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HQ10337R	Hercules	E-9678
HQ10338L	Hercules	E-11517
HQ10339R	Hercules	E-11516
HQ10340L	Hercules	E-9663
HQ10341R	Hercules	E-9664
HQ10342L	Hercules	E-9683
HQ10343R	Hercules	E-9670
HQ10344L	Hercules	E-9647
HQ10345R	Hercules	E-9648
HQ10346L	Hercules	E-9651
HQ10347R	Hercules	E-9652
HQ10348L	Hercules	E-9657
HQ10349R	Hercules	E-9658
HQ10350L	Hercules	E-5506
HQ10351R	Hercules	E-5507
HQ10352L	Hercules	E-5508
HQ10353R	Hercules	E-5509
HQ10354L	Hercules	E-5510
HQ10355R	Hercules	E-5511
HQ10356L	Hercules	E-9667
HQ10357R	Hercules	E-9668
HQ10358L	Hercules	E-9669
HQ10359R	Hercules	E-9670
HQ10360L	Hercules	E-9653
HQ10361R	Hercules	E-9654
HQ10362L	Hercules	E-9665
HQ10363R	Hercules	E-9666
HQ10364L	Hercules	E-2441B
HQ10365R	Hercules	E-2442B
HQ10366L	Hercules	E-2443B
HQ10367R	Hercules	E-2444B
HQ10368L	Hercules	E-2445B
HQ10369R	Hercules	E-2446B
HQ10374L	Hercules	E-11513
HQ10375R	Hercules	E-11512
HQ10376L	Hercules	E-11515
HQ10377R	Hercules	E-11514
HQ10378L	Hercules	E-11519
HQ10379R	Hercules	E-11518
HQ10382L	Hercules	E-11525
HQ10383R	Hercules	E-11524
HQ10384L	Hercules	E-11961
HQ10385R	Hercules	E-11960
HQ10386L	Hercules	E-11529
HQ10387R	Hercules	E-11528
HQ10388L	Hercules	E-11531
HQ10389R	Hercules	E-11530

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HQ10390L	Hercules	E-11533
HQ10391R	Hercules	E-11532
HQ10392L	Hercules	E-11535
HQ10393R	Hercules	E-11534
HQ10396L	Hercules	E-11545
HQ10397R	Hercules	E-11544
HQ10398L	Hercules	E-11547
HQ10399R	Hercules	E-11546
HQ10506L	Hercules	E-1425A
HQ10507R	Hercules	E-1424A
HQ10522L	Hercules	E-5520
HQ10523R	Hercules	E-5521
HQ10532L	Hercules	E-2449A
HQ10533R	Hercules	E-2450A
HQ10676L	Hercules	E-11577
HQ10677R	Hercules	E-11576
HQ10698L	Hercules	E-11959
HQ10699R	Hercules	E-11958
HQ10752L	Hercules	E-2451A
HQ10753R	Hercules	E-2452A
HQ10764L	Hercules	E-2413A
HQ10765R	Hercules	E-2412A
HSA-4920	PAI	E-612HD
HSA-4924	PAI	E-940HD
HSP-0290	PAI	E-752
HWP-5180	PAI	E-714
IT14A	Navistar	E-1816SHD
IT15.527	Navistar	E-1112A
IT15.542	Navistar	E-2766S
IT16.3A	Navistar	KIT4SHD
IT16.561	Navistar	E-920
IT19.2A	Navistar	E-1607HD
IT19.853	Navistar	E-1880B
IT19.856	Navistar	E-2768
IT19.857	Navistar	E-2101
IT19.859	Navistar	E-1418
IT19.860	Navistar	E-2767
IT19.863	Navistar	E-1583
IT19.875	Navistar	E-2785
IT2025	Navistar	E-4890
IT2026	Navistar	E-4891
IT2029	Navistar	E-2693
IT2030	Navistar	E-2694
IT2307	Navistar	E-2307
IT27.1194	Navistar	E-1577A
IT27.1196	Navistar	E-2695
IT27.1197	Navistar	E-2361

PART NO.	COMPETITOR	EUCLID NO.
IT27.1198	Navistar	E-1571
IT27.1200	Navistar	E-535
IT27.1208	Navistar	E-1314
IT28.1231	Navistar	E-807
IT28.1232	Navistar	E-759
IT28.1233	Navistar	E-536
IT28.1234	Navistar	E-667
IT28.1235K	Navistar	E-943
IT28.1237	Navistar	E-1567
IT28.1243	Navistar	E-2670
IT28.1252	Navistar	E-2380
IT28.1253	Navistar	E-1271
IT28.1255	Navistar	E-2291
IT28.1257	Navistar	E-661
IT28.1258	Navistar	E-602
IT29.1267	Navistar	E-1272
IT29.1270	Navistar	E-654
IT29.1301	Navistar	E-526
IT29.1302	Navistar	E-1569
IT29.1308	Navistar	E-581
IT29.1309	Navistar	E-564
IT29.1322	Navistar	E-1565
IT29.1326	Navistar	E-2409
IT30.1357	Navistar	E-2365
IT30.1358	Navistar	E-1318A
IT30.1362	Navistar	E-603
IT30A	Navistar	E-2769SHD
IT31.1405	Navistar	E-4739
IT31.1430	Navistar	E-4934A
IT32.1428	Navistar	E-2177
IT32.1430	Navistar	E-1582
IT32.1441	Navistar	E-595
IT33.1476	Navistar	E-886
IT33.1476A	Navistar	E-886
IT34.1529	Navistar	E-539
IT34.1530	Navistar	E-3227
IT34.1531	Navistar	E-1581
IT34.1532	Navistar	E-3007A
IT35.1576	Navistar	E-537
IT35.1577	Navistar	E-563
IT35.1580	Navistar	E-1113
IT35.1581	Navistar	E-2391
IT35.1582	Navistar	E-1269
IT43.7032	Navistar	E-2287
IT43.7033	Navistar	E-2469
IT43.7034	Navistar	E-2086B
IT43.7036	Navistar	E-1357A

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PART NO.	COMPETITOR	EUCLID NO.
IT43.7037	Navistar	E-2382
IT43.7038	Navistar	E-2122
IT43.7039	Navistar	E-2090
IT43.7044	Navistar	E-2363
JH211710	Meritor	E-TMJH211710
JH211749	Meritor	E-TMJH211749
JH217210	Meritor	E-TMJH217210
JHM720210	Meritor	E-TM-JHM720210
JHM720249	Meritor	E-TM-JHM720249
JL69310	Meritor	E-TMJL69310
JL69349	Meritor	E-TMJL69349
JLM104910	Meritor	E-TM-JLM104910
JLM104948	Meritor	E-TM-JLM104948
JLM506810	Meritor	E-TM-JLM506810
JLM506849	Meritor	E-TM-JLM506849
JLM710910	Meritor	E-TM-JLM710910
JLM710949C	Meritor	E-TM-JLM710949C
JLM714110	Meritor	E-TM-JLM714110
JLM714149	Meritor	E-TM-JLM714149
JM207010	Meritor	E-TMJM207010
JM207049	Meritor	E-TMJM207049
JM207049A	Meritor	E-TMJ-M207049A
JM511910	Meritor	E-TMJM511910
JM511945	Meritor	E-TMJM511945
JM511946	Meritor	E-TMJM511946
JM515610	Meritor	E-TMJM515610
JM515649	Meritor	E-TMJM515649
JM612910	Meritor	E-TMJM612910
JM612949	Meritor	E-TMJM612949
JM716610	Meritor	E-TMJM716610
JM716649	Meritor	E-TMJM716649
JM822010	Meritor	E-TMJM822010
JM822049	Meritor	E-TMJM822049
JRM3535	Meritor	E-TMJRM3535
K058691	Bendix	E-BC24S
K058715	Bendix	E-BC20S
K058740	Bendix	E-BC30S
K072902	Bendix	E-17130
K072903	Bendix	E-17131

PART NO.	COMPETITOR	EUCLID NO.
K073335	Bendix	E-17133
K073359	Bendix	E-17132
K075214	Bendix	E-17134
K075215	Bendix	E-17135
K100118	Bendix	E-17136
K100119	Bendix	E-17137
K100120	Bendix	E-17138
K100121	Bendix	E-17139
K100122	Bendix	E-17140
K100123	Bendix	E-17141
K100124	Bendix	E-17142
K100125	Bendix	E-17143
K104980	Bendix	E-17144
K104981	Bendix	E-17145
K117544N	Bendix	E-17146
K117545N	Bendix	E-17147
K117570N	Bendix	E-17148
K117571N	Bendix	E-17149
K117576N	Bendix	E-17150
K117577N	Bendix	E-17151
K117604N	Bendix	E-17152
K117605N	Bendix	E-17153
K117616N	Bendix	E-17154
K117617N	Bendix	E-17155
K117634N	Bendix	E-17156
K117635N	Bendix	E-17157
K2824Z	Meritor	E-2306
K-4	Sirco	E-11319
K503	Flagg	E-11897
K71-101-00	Dexter	E-2469
K71-135-00	Dexter	E-2287
K71-136-00	Dexter	E-2769HD
KH4515F-3A	Uni-Bond	E-4515XHD
KIT#1	Hercules	E-2769SHDC
KIT#1	Hercules	E-4515QHDC
KIT#1	Hercules	E-4515QHDN
KIT#1A	Hercules	E-4515UHDC
KIT#2	Hercules	E-1887AHD
KIT#2	Hercules	E-1887ASHD
KIT#2	Hercules	E-4311EHDN
KIT#3	Hercules	E-3710HD
KIT#3	Hercules	E-3710SHDC
KIT#3	Hercules	E-4515XHD
KIT#3	Hercules	E-4515XHDC
KIT1106B	Meritor	E-7212A
KIT1129	Mack	E-3525
KIT1129	Meritor	E-3525

PART NO.	COMPETITOR	EUCLID NO.
KIT-4HDP	Power Equipment	KIT4HD
KIT-4P	Power Equipment	KIT4HD
KIT-5P	Power Equipment	KIT5
KIT8000	Mack	E-2769S
KIT8000HD	Mack	E-2769SHD
KIT8002SS	Meritor	E-11975
KIT8004	Mack	E-3484
KIT8004	Meritor	E-3484
KIT8014	Mack	E-3895SHD
KIT8014	Meritor	E-3895S-R
KIT8014HD	Mack	E-3895SHD
KIT8021	Meritor	E-11972
KIT8029	Mack	E-3869
KIT8029	Meritor	E-3869
KIT8037	Meritor	E-9070
KIT8048	Meritor	E-3520A
KIT8058	Meritor	E-9078HD
KIT8061	Meritor	E-11973
KIT8070	Meritor	E-11933
KIT8091	Meritor	E-11977
KIT8289	Meritor	E-6078
KIT8844HD	Meritor	E-11976
KIT8883	Meritor	E-11904
KIT9000	Mack	E-1816S
KIT9001	Mack	E-1816SHD
KIT9002	Mack	KIT4S
KIT9006RHB	Meritor	E-7213A
KIT9017	Mack	KIT4S
KIT9017	Meritor	KIT4S
KIT9020	Mack	E-2522
KIT9037	Meritor	E-1357A
KIT9081	Meritor	E-11974
KIT9094	Meritor	E-4691
KIT9300	Meritor	E-3446
KIT9304	Meritor	E-3468A
KIT9425	Meritor	E-4800
KIT970	Mack	E-3520A
KIT971	Mack	E-2679A
KN36120	Haldex	E-12S
KN36160	Haldex	E-16S
KN36200	Haldex	E-20S
KN36240	Haldex	E-24S
KN36300	Haldex	E-30S
KN36460	Haldex	E-8898
KN36470	Haldex	E-8897
KN36480	Haldex	E-8898
KN36490	Haldex	E-8896

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PART NO.	COMPETITOR	EUCLID NO.
KN44041	Haldex	E-1574HD
KN44041	Haldex	E-1574SBK
KN44051	Haldex	E-2458HD
KN44051	Haldex	E-2458S
KN44051	Haldex	E-2458SBK
KN44061	Haldex	E-2459HD
KN44061	Haldex	E-2459S
KN44061	Haldex	E-2459SBK
KN47001	Haldex	E-612HD
KN47001	Haldex	E-612SBK
KN47011	Haldex	E-940SBK
KN48031	Haldex	E-4904S
KN51000	Haldex	E-2091
KN52060	Haldex	E-9105
KN52080	Haldex	E-1574HD
KN52080	Haldex	E-1574HDBK
KN53000	Haldex	E-6110
KN55001	Haldex	E-9102
L-1023	BWP	E-2099
L229	Eaton	E-3523
L229	Eaton	E-3524
L44610	Meritor	E-TML44610
L44643	Meritor	E-TML44643
L44649	Meritor	E-TML44649
L68111	Meritor	E-TML68111
L68149	Meritor	E-TML68149
LB-1	Sirco	E-2402HD
LB-10	Sirco	E-10756
LB-11	Sirco	E-10757
LB-2	Sirco	E-3373HD
LB-3	Sirco	E-3484
LB-3D	Sirco	E-10875
LB-4	Sirco	E-2126
LB-5	Sirco	E-2286
LB-6	Sirco	E-3782
LB-7	Sirco	E-5306
LB-8	Sirco	E-9283
LB-9	Sirco	E-9281
LC3030R	Haldex	E-LCP3030R
LCP3030	Haldex	E-LCP3030
LCP3030R	Haldex	E-LCP3030R
LM102910	Meritor	E-TMLM102910
LM102949	Meritor	E-TMLM102949
LM104949	Meritor	E-TMLM104949
LM11910	Meritor	E-TMLM11910
LM11949	Meritor	E-TMLM11949
LM12710	Meritor	E-TMLM12710

PART NO.	COMPETITOR	EUCLID NO.
LM12749	Meritor	E-TMLM12749
LM48510	Meritor	E-TMLM48510
LM48548	Meritor	E-TMLM48548
LM501310	Meritor	E-TMLM501310
LM501314	Meritor	E-TMLM501314
LM501349	Meritor	E-TMLM501349
LM603011	Meritor	E-TMLM603011
LM603049	Meritor	E-TMLM603049
LM67010	Meritor	E-TMLM67010
LM67048	Meritor	E-TMLM67048
LPP3030K	Haldex	E-LPP3030K
M1003	BWP	E-2390
M-1003	BWP	E-2390
M1004	BWP	E-1337
M1005	BWP	E-2396
M1007	BWP	E-2391
M1008	BWP	E-2392
M1009	BWP	E-2398
M1010	BWP	E-2163
M1011	BWP	E-1458
M1012	BWP	E-1140
M1013	BWP	E-2476
M1014	BWP	E-1428A
M1014	BWP	E-2785
M1014	Automann	E-2785
M1015L	BWP	E-2795
M1015R	BWP	E-2794
M1016	BWP	E-2389
M1017	BWP	E-3234
M1026	BWP	E-1214
M1027	BWP	E-1215
M1028	BWP	E-1216
M1029	BWP	E-1217
M1031	BWP	E-1218
M1038	BWP	E-1486
M1043	BWP	E-1230
M1044	BWP	E-2164
M1045	BWP	E-1565
M1046	BWP	E-1569
M1047	BWP	E-1571
M1048	BWP	E-603
M1049	BWP	E-1567
M1054	BWP	E-1582
M1055	BWP	E-1581
M1056	BWP	E-1583
M1058	BWP	E-1577A
M1064	BWP	E-940HD

PART NO.	COMPETITOR	EUCLID NO.
M1064	BWP	E-940HDBK
M1072	BWP	E-1261
M1074	Automann	E-5532
M1075	BWP	E-5532
M-1075	BWP	E-5532
M1080	Automann	E-3525
M1082	BWP	E-3525
M-1082(2)	BWP	E-3525
M1083	BWP	E-5532
M1084	BWP	E-2282
M1086	BWP	E-2162
M1093	BWP	E-1314
M1095	BWP	E-3859
M10HD101	Dana	E-2395
M10HD101	Spicer	E-2395
M10HH134	Dana	E-654
M10HH134	Spicer	E-654
M10HM130	Spicer	E-579A
M10HM136	Dana	E-2391
M10HM136	Spicer	E-2391
M10HN136	Dana	E-2391
M10HN136	Spicer	E-2391
M10HN139	Dana	E-564
M10HN139	Spicer	E-564
M10HN152	Spicer	E-656
M10HN153	Dana	E-563
M10HN153	Spicer	E-563
M10HN154	Dana	E-1106
M10HN154	Spicer	E-1106
M10HP102	Spicer	E-1112A
M10HP103	Dana	E-2029
M10HP103	Spicer	E-2029
M10HP104	Spicer	E-1112A
M10HR102	Spicer	E-527
M10HR104	Dana	E-2392
M10HR104	Spicer	E-2392
M10HR105	Spicer	E-2401
M10HR119	Spicer	E-1269
M10HR119	Spicer	E-1426
M10HR119	Spicer	E-537
M10HR123	Spicer	E-538
M10HS115	Dana	E-2404
M10HS115	Spicer	E-2404
M10HS117	Dana	E-2409
M10HS117	Spicer	E-2409
M10KY100	Dana	E-2680
M10KY100	Spicer	E-2680

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
M10KY105	Spicer	E-11910
M10KY105	Spicer	E-9790A
M10LK105X	Dana	E-2030HD
M10LK105X	Spicer	E-2030HD
M10SS100	Dana	E-501
M10SS100	Spicer	E-501
M10SS100	Spicer	E-719
M10WJ100	Dana	E-2517
M10WJ100	Spicer	E-2517
M10WJ107	Dana	E-2102
M10WJ107	Spicer	E-2102
M10WJ108	Dana	E-2390
M10WJ108	Spicer	E-2390
M10WJ115	Spicer	E-1025
M10WJ116	Dana	E-2396
M10WJ116	Spicer	E-2396
M10WJ118	Spicer	E-757
M10WJ119	Dana	E-2399
M10WJ119	Spicer	E-2399
M10WJ144	Spicer	E-2518A
M10WJ150	Dana	E-5305
M10WJ150	Spicer	E-5305
M10WJ151	Spicer	E-5304
M10WJ154	Dana	E-544
M10WJ154	Spicer	E-544
M10WJ155	Dana	E-1025
M10WJ155	Spicer	E-1025
M10WJ160	Dana	E-502
M10WJ162	Spicer	E-512
M10WJ164	Spicer	E-609
M10WJ178	Dana	E-661
M10WJ178	Spicer	E-661
M10WJ182	Dana	E-602
M10WJ182	Spicer	E-602
M10WJ212X	Dana	E-2102
M10WJ237X	Dana	E-9792A
M10WR119	Spicer	E-612S
M1179	BWP	E-5834
M1180	BWP	E-5833
M1181	BWP	E-5205
M1182	BWP	E-5205
M1190	BWP	E-5205
M12KY100	Dana	E-2526
M12KY100	Spicer	E-2526
M12KY101	Spicer	E-2469
M12KY202	Dana	E-2469
M12KY202	Spicer	E-2469

PART NO.	COMPETITOR	EUCLID NO.
M12LK101X	Spicer	E-2402HD
M12WH112	Dana	E-2103
M12WH112X	Dana	E-2103
M12WH112X	Spicer	E-2103
M12WHR50-L	Spicer	E-9785A
M12WHR50-R	Spicer	E-9786A
M12WK100-11	Spicer	E-9744
M12WK100-16	Spicer	E-9746
M12WK100-17	Dana	E-1422
M12WK100-17	Spicer	E-1422
M12WK100-18	Spicer	E-2792
M12WK100-19	Spicer	E-1420
M12WK100-19	Spicer	E-2793
M12WK100-22	Spicer	E-9748
M12WK101-11	Spicer	E-9743
M12WK101-16	Spicer	E-9745
M12WK101-17	Dana	E-1423
M12WK101-17	Spicer	E-1423
M12WK101-18	Spicer	E-2793
M12WK101-19	Dana	E-1421
M12WK101-19	Spicer	E-1421
M12WK101-22	Spicer	E-9747
M12WK106-1	Dana	E-9744
M12WK106-1	Spicer	E-9744
M12WK10610	Spicer	E-1422
M12WK10611	Spicer	E-1420
M12WK106-13	Dana	E-9748
M12WK106-13	Spicer	E-9748
M12WK106-6	Spicer	E-1410
M12WK107-1	Dana	E-9743
M12WK107-1	Spicer	E-9743
M12WK10710	Spicer	E-1423
M12WK10711	Spicer	E-1421
M12WK107-13	Dana	E-9747
M12WK107-13	Spicer	E-9747
M12WK107-6	Spicer	E-1411
M12WK107-7	Dana	E-9745
M12WK107-7	Spicer	E-9745
M12WKL10163	Spicer	E-9263
M12WKL10-175	Spicer	E-9751
M12WKL10191	Spicer	E-9265
M12WKL10206	Spicer	E-9267
M12WKL10214	Spicer	E-9269
M12WKL10222	Spicer	E-9271
M12WKL10233	Spicer	E-9273
M12WKL10236	Spicer	E-9275
M12WKL10241	Spicer	E-9277

PART NO.	COMPETITOR	EUCLID NO.
M12WKL10264	Spicer	E-9279
M12WKL20-214	Spicer	E-9755
M12WKL20-222	Spicer	E-9757
M12WKL20-233	Spicer	E-9759
M12WKL25-206	Dana	E-10901
M12WKL25-206	Spicer	E-10901
M12WKL25-214	Dana	E-10903
M12WKL25-214	Spicer	E-10903
M12WKL25-233	Dana	E-10905
M12WKL25-233	Spicer	E-10905
M12WKL25-241	Dana	E-10907
M12WKL25-241	Spicer	E-10907
M12WKR10163	Spicer	E-9264
M12WKR10191	Spicer	E-9266
M12WKR10206	Spicer	E-9268
M12WKR10214	Spicer	E-9270
M12WKR10222	Spicer	E-9272
M12WKR10233	Spicer	E-9274
M12WKR10236	Spicer	E-9276
M12WKR10241	Spicer	E-9278
M12WKR10264	Spicer	E-9280
M12WKR20-214	Spicer	E-9756
M12WKR20-222	Spicer	E-9758
M12WKR20-233	Spicer	E-9760
M12WKR25-206	Dana	E-10902
M12WKR25-206	Spicer	E-10902
M12WKR25-214	Dana	E-10904
M12WKR25-214	Spicer	E-10904
M12WKR25-233	Dana	E-10906
M12WKR25-233	Spicer	E-10906
M12WKR25-241	Dana	E-10908
M12WKR25-241	Spicer	E-10908
M12WL10-233	Spicer	E-9274
M12WR101	Spicer	E-2091
M12WR10-233	Spicer	E-9273
M1303	BWP	E-1046
M1381	BWP	E-8896
M1382	BWP	E-8897
M1383	BWP	E-8898
M1383L	BWP	E-4719
M1383R	BWP	E-4718
M1400	BWP	E-2551
M1401	BWP	E-2405
M1402	BWP	E-2411A
M1402A	BWP	E-2411A
M1403	BWP	E-2406
M1404	BWP	E-2408

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PART NO.	COMPETITOR	EUCLID NO.
M1405	BWP	E-2407
M1406	BWP	E-2670
M1407	BWP	E-2291
M1408	BWP	E-1782
M1409	BWP	E-1781
M1412	BWP	E-2404
M1413	BWP	E-2409
M1414	BWP	E-1307
M1415	BWP	E-1308
M-1422	BWP	E-2766S
M1423	BWP	E-2767BK
M-1423	BWP	E-2767
M-1424	BWP	E-2768
M1427	BWP	E-3228
M-1427	BWP	E-3228
M1428	BWP	E-3227
M-1428	BWP	E-3227
M1431	BWP	E-2414
M-1431	BWP	E-2414
M1432	BWP	E-2401
M-1432	BWP	E-2401
M1433	BWP	E-3007A
M149	BWP	E-5850
M150	BWP	E-5851
M1500	BWP	E-747
M1505	BWP	E-910
M1507	BWP	E-757
M1509	BWP	E-712
M1512	BWP	E-5093
M-1512	BWP	E-5093
M1515	BWP	E-502
M1516	BWP	E-512
M1520	BWP	E-943
M1521	BWP	E-1318A
M1521	BWP	E-1318ABK
M153	BWP	E-5856
M154	BWP	E-5854
M1543	BWP	E-10812
M155	BWP	E-5855
M1550	BWP	E-2361
M1551	BWP	E-667
M1553	BWP	E-1319A
M1554	BWP	E-2104
M1556	BWP	E-2103
M1558	BWP	E-2399
M1559	BWP	E-537
M1563L	BWP	E-4740

PART NO.	COMPETITOR	EUCLID NO.
M1563R	BWP	E-4741
M1570L	BWP	E-4711B
M1570L	BWP	E-9691A
M1570R	BWP	E-4710B
M1571L	BWP	E-1776
M1571R	BWP	E-1775
M1572	BWP	E-603
M1576	BWP	E-714
M1582	BWP	E-947
M1583	BWP	E-3775
M1583	BWP	E-886
M-1583	BWP	E-886
M1586	BWP	E-536
M1587	BWP	E-536
M1589	BWP	E-1408
M16D106	Dana	E-9789
M16D106	Spicer	E-9789
M16HD100	Dana	E-807
M16HD100	Spicer	E-807
M16HD100X	Dana	E-807
M16HD102	Spicer	E-2218
M16HH100	Spicer	E-1416
M16KY100	Dana	E-2287
M16KY100	Spicer	E-2287
M16LK100X	Spicer	KIT1
M16LK103X	Spicer	E-4515P
M16LK104X	Spicer	E-1607HD
M16TF101	Spicer	E-864
M16WB100	Spicer	E-886
M16WB101	Spicer	E-3775
M16WH101X	Dana	E-2104
M16WH101X	Spicer	E-2104
M16WH113X	Dana	E-2104
M16WH113X	Spicer	E-2104
M16WHR50-L	Dana	E-9787A
M16WHR50-R	Dana	E-9788A
M16WJ100	Spicer	E-2768
M16WJ101	Dana	E-2767
M16WJ101	Spicer	E-2767
M16WJ102	Dana	E-747
M16WJ102	Spicer	E-747
M16WJ103	Spicer	E-539
M16WJ104	Spicer	E-523
M16WJ105	Spicer	E-2766S
M16WJ114	Spicer	E-586
M16WJ121	Dana	E-1582
M16WJ121	Spicer	E-1582

PART NO.	COMPETITOR	EUCLID NO.
M16WK100-12	Dana	E-2796
M16WK100-12	Spicer	E-2796
M16WK10210	Spicer	E-2795
M16WK10212	Spicer	E-688
M16WK10213	Spicer	E-2413A
M16WK102-13	Dana	E-2413A
M16WK102-17	Spicer	E-1424A
M16WK102-19	Spicer	E-684
M16WK102-23	Dana	E-4884
M16WK102-25	Spicer	E-1094
M16WK10226	Spicer	E-4717
M16WK102-29	Dana	E-7217
M16WK102-29	Spicer	E-7217
M16WK1027	Spicer	E-4713
M16WK10276	Spicer	E-9089
M16WK10283	Spicer	E-2797
M16WK10288	Dana	E-4719
M16WK10288	Spicer	E-4719
M16WK102-9	Spicer	E-686
M16WK10310	Spicer	E-2794
M16WK10312	Spicer	E-689
M16WK10313	Spicer	E-2412A
M16WK103-13	Dana	E-2412A
M16WK103-17	Spicer	E-1425A
M16WK103-19	Spicer	E-685
M16WK103-23	Dana	E-4885
M16WK10325	Spicer	E-1094
M16WK10326	Spicer	E-4716
M16WK103-29	Dana	E-7218
M16WK103-29	Spicer	E-7218
M16WK1037	Spicer	E-4712
M16WK10376	Spicer	E-9090
M16WK10383	Spicer	E-2796
M16WK10388	Dana	E-4718
M16WK10388	Spicer	E-4718
M16WK103-9	Spicer	E-687
M16WK104-10	Spicer	E-9725
M16WK104-17	Spicer	E-3854
M16WK104-23	Spicer	E-6884
M16WK104-25	Spicer	E-3856
M16WK105-10	Spicer	E-9726
M16WK105-17	Spicer	E-3855
M16WK105-23	Spicer	E-6885
M16WK105-25	Spicer	E-3857
M16WK110-12	Dana	E-2796
M16WK110-12	Spicer	E-2796
M16WK110-4	Spicer	E-2412A

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PART NO.	COMPETITOR	EUCLID NO.
M16WK111-12	Spicer	E-2797
M16WK111-4	Spicer	E-2413A
M16WK116	Dana	E-2794
M16WK116	Spicer	E-2794
M16WK117	Dana	E-2795
M16WK117	Spicer	E-2795
M16WKL10-175	Spicer	E-5516
M16WKL10-196	Spicer	E-9739
M16WKL10-205	Spicer	E-5518
M16WKL10-206	Spicer	E-9267
M16WKL10-231	Spicer	E-6101
M16WKL10-236	Spicer	E-5520
M16WKL10-242	Spicer	E-9727
M16WKL10-245	Spicer	E-6103
M16WKL10-264	Spicer	E-9741
M16WKL20-173	Spicer	E-9096
M16WKL20-175	Spicer	E-5522
M16WKL20-205	Spicer	E-5524
M16WKL20-231	Spicer	E-9098
M16WKL20-236	Spicer	E-5526
M16WKL20-242	Spicer	E-9100
M16WKL20-271	Spicer	E-9729
M16WKL25-175	Spicer	E-9731
M16WKL25-205	Spicer	E-9733
M16WKL25227	Dana	E-11856
M16WKL25-227	Spicer	E-11856
M16WKL25-231	Dana	E-11858
M16WKL25-231	Spicer	E-11858
M16WKL25-236	Spicer	E-9735
M16WKL25-242	Dana	E-10909
M16WKL25-242	Spicer	E-10909
M16WKL25264	Dana	E-11860
M16WKL25-264	Spicer	E-11860
M16WKL25-271	Spicer	E-9737
M16WKL25304	Dana	E-11862
M16WKL25-304	Spicer	E-11862
M16WKR10-175	Spicer	E-5517
M16WKR10-196	Spicer	E-9740
M16WKR10-205	Spicer	E-5519
M16WKR10-231	Spicer	E-6102
M16WKR10-236	Spicer	E-5521
M16WKR10-242	Spicer	E-9728
M16WKR10-245	Spicer	E-6104
M16WKR10-264	Spicer	E-9742
M16WKR20-173	Spicer	E-9097
M16WKR20-175	Spicer	E-5523
M16WKR20-205	Spicer	E-5525

PART NO.	COMPETITOR	EUCLID NO.
M16WKR20-231	Spicer	E-9099
M16WKR20-236	Spicer	E-5527
M16WKR20-242	Spicer	E-9101
M16WKR20-271	Spicer	E-9730
M16WKR25-175	Spicer	E-9732
M16WKR25-205	Spicer	E-9734
M16WKR25-227	Dana	E-11857
M16WKR25-227	Spicer	E-11857
M16WKR25231	Dana	E-11859
M16WKR25-231	Spicer	E-11859
M16WKR25-236	Spicer	E-9736
M16- WKR25-242	Dana	E-10910
M16- WKR25-242	Spicer	E-10910
M16WKR25264	Dana	E-11861
M16WKR25-264	Spicer	E-11861
M16WKR25-271	Spicer	E-9738
M16WKR25304	Dana	E-11863
M16WKR25-304	Spicer	E-11863
M16WLR10-175	Spicer	E-5516
M16WR100	Spicer	E-612HD
M16WR1331	Dana	E-15017
M16WR1332	Dana	E-15025
M16WR1333	Dana	E-15016
M16WR1335	Dana	E-15018
M1767	BWP	E-1107
M1901	BWP	E-1901
M1902	BWP	E-1902
M1903	BWP	E-1903
M1904	BWP	E-1904
M1905	BWP	E-1905
M1906	BWP	E-1906
M1907	BWP	E-1907
M1908	BWP	E-1908
M1909	BWP	E-1909
M1909	BWP	E-1919
M1910	BWP	E-1910
M1911	BWP	E-1911
M1912	BWP	E-1912
M1913	BWP	E-1913
M1914	BWP	E-1914
M1915	BWP	E-1915
M1916	BWP	E-1916
M1917	BWP	E-1917
M1918	BWP	E-1918
M1919	BWP	E-1919
M1920	BWP	E-1920

PART NO.	COMPETITOR	EUCLID NO.
M1921	BWP	E-1921
M1922	BWP	E-1922
M1923	BWP	E-1923
M1924	BWP	E-1924
M1925	BWP	E-1925
M1926	BWP	E-1926
M1927	BWP	E-1927
M1928	BWP	E-1928
M1929	BWP	E-1929
M1930	BWP	E-1930
M1931	BWP	E-1931
M1932	BWP	E-1932
M1933	BWP	E-1933
M1934	BWP	E-1934
M1935	BWP	E-1935
M1936	BWP	E-1936
M1937	BWP	E-1937
M1938	BWP	E-6137
M1939	BWP	E-3371
M1941	BWP	E-1597A
M1942	BWP	E-2644
M-1942	BWP	E-2644
M2006	BWP	E-3424
M2204	BWP	E-2177
M-2204	BWP	E-2177
M2314	BWP	E-2177
M2547	Budd	E-2655
M2547	BWP	E-2655
M2548	BWP	E-807
M2577	BWP	E-2458S
M2577	BWP	E-2459HD
M2577	BWP	E-2459SBK
M2585	BWP	E-3499
M2586	BWP	E-2654
M2587	BWP	E-2656
M2588	BWP	E-2098
M2594	BWP	E-4593
M2594	BWP	E-4594
M2595	BWP	E-4586
M2597L	BWP	E-11629
M2597L	BWP	E-9671
M2597R	BWP	E-11628
M2597R	BWP	E-9672
M2598L	BWP	E-9671
M2598R	BWP	E-9672
M2599L	BWP	E-9675
M2599R	BWP	E-9676

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PART NO.	COMPETITOR	EUCLID NO.
M2600L	BWP	E-2693
M2600R	BWP	E-2694
M2601L	BWP	E-2797
M2601R	BWP	E-2796
M2602L	BWP	E-3516
M2602R	BWP	E-3517
M2603L	BWP	E-2792
M2603L	BWP	E-2793
M2603R	BWP	E-2792
M2603R	BWP	E-2793
M2604L	BWP	E-4721
M2604R	BWP	E-4720
M2605L	BWP	E-9649
M2605R	BWP	E-9650
M2606L	BWP	E-9667
M2606R	BWP	E-9668
M2607L	BWP	E-9669
M2607R	BWP	E-9670
M2609L	BWP	E-9695
M-2609L	BWP	E-9695
M2609R	BWP	E-9696
M-2609R	BWP	E-9696
M2610L	BWP	E-2715A
M2610R	BWP	E-2714A
M2611L	BWP	E-2701B
M2611R	BWP	E-2700B
M2612L	BWP	E-9655
M2612L	BWP	E-9657
M2612L	BWP	E-9659
M-2612L	BWP	E-9657
M2612R	BWP	E-9656
M2612R	BWP	E-9658
M2612R	BWP	E-9660
M2613L	BWP	E-11619
M2613L	BWP	E-9659
M2613R	BWP	E-11618
M2613R	BWP	E-9660
M2614L	BWP	E-9661
M2614R	BWP	E-9662
M2615L	BWP	E-2800
M2615R	BWP	E-2799
M2616L	BWP	E-2787
M2616R	BWP	E-2786
M2617L	BWP	E-3523
M2617L	BWP	E-3524
M2617R	BWP	E-3523
M2617R	BWP	E-3524

PART NO.	COMPETITOR	EUCLID NO.
M2618	BWP	E-3447
M2621	BWP	E-2690A
M2622	BWP	E-2517
M2623	BWP	E-2695
M2624	BWP	E-1250
M2624	BWP	E-1362
M2624	BWP	E-2739
M-2624	BWP	E-1362
M2627	BWP	E-2477B
M2629	BWP	E-1314
M2630	BWP	E-3469
M2631	BWP	E-2405
M2632	BWP	E-2717
M2633	BWP	E-654
M2634	BWP	E-3478
M-2634	BWP	E-3478
M2635	BWP	E-3474
M2636	BWP	E-2733
M2637	BWP	E-3476
M2638	BWP	E-3479
M2639	BWP	E-3475
M-2639	BWP	E-3475
M2640	BWP	E-3471
M2641	BWP	E-3472
M2643	BWP	E-3473
M2644	BWP	E-3477
M2645	BWP	E-2365
M2646	BWP	E-3473
M-2646	BWP	E-3473
M2647	BWP	E-2734
M2648	BWP	E-2720
M2649	BWP	E-3234
M-2649	BWP	E-3234
M2658	BWP	E-2689
M2706	BWP	E-3424
M2713	BWP	E-2723
M2714	BWP	E-3427
M2715	BWP	E-3426
M2717	BWP	E-2803
M2718	BWP	E-3482
M2719	BWP	E-3511
M-2719	BWP	E-3511
M2720	BWP	E-4800
M2721	BWP	E-2724
M-2721	BWP	E-2724
M2724	BWP	E-3421A
M2725	BWP	E-2802

PART NO.	COMPETITOR	EUCLID NO.
M2727	BWP	E-3483
M2728	BWP	E-3481A
M2729	BWP	E-3437
M2732	BWP	E-3490B
M-2732	BWP	E-3490B
M2733	BWP	E-2475
M2734	BWP	E-2745
M2735	BWP	E-2476
M2737	BWP	E-2770
M-2737	BWP	E-2770
M2738	BWP	E-2805
M2739	BWP	E-3512
M-2739	BWP	E-3512
M-274	BWP	E-3427
M2740	BWP	E-2804
M2742	BWP	E-3513
M2746	BWP	E-9643
M2747	BWP	E-2552
M2748	BWP	E-3711
M2748	BWP	E-3711S
M2752	BWP	E-2785
M3108L	BWP	E-9645
M3108R	BWP	E-9646
M3109L	BWP	E-9649
M3109R	BWP	E-9650
M3110L	BWP	E-11541
M3110R	BWP	E-11540
M3111L	BWP	E-9659
M3111L	BWP	E-9660
M3111R	BWP	E-9659
M3111R	BWP	E-9660
M3112L	BWP	E-9661
M3112R	BWP	E-9662
M3113L	BWP	E-9665
M3113R	BWP	E-9666
M3114L	BWP	E-9671
M3114R	BWP	E-9672
M3115L	BWP	E-9679
M3115R	BWP	E-9680
M3116L	BWP	E-11583
M3116R	BWP	E-11582
M3117L	BWP	E-11585
M3117R	BWP	E-11584
M3118L	BWP	E-11593
M3118R	BWP	E-11592
M3119L	BWP	E-11599
M3119R	BWP	E-11598

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PART NO.	COMPETITOR	EUCLID NO.
M3120L	BWP	E-5504A
M3120R	BWP	E-5505A
M3121L	BWP	E-9651
M3121R	BWP	E-9652
M3122L	BWP	E-9693
M3122R	BWP	E-9694
M3123L	BWP	E-9695
M3123R	BWP	E-9696
M3124L	BWP	E-9697
M3124R	BWP	E-9698
M3125L	BWP	E-9701
M3125R	BWP	E-9702
M3126L	BWP	E-9771
M3126R	BWP	E-9772
M3127L	BWP	E-9769
M3127R	BWP	E-9770
M3128L	BWP	E-5492
M3128R	BWP	E-5493
M3129L	BWP	E-5490
M3129R	BWP	E-5491
M3130L	BWP	E-9057
M3130R	BWP	E-9058
M3131L	BWP	E-9059
M3131R	BWP	E-9060
M3132L	BWP	E-5516
M3132R	BWP	E-5517
M3133L	BWP	E-6101
M3133R	BWP	E-6102
M3134L	BWP	E-5520
M3134R	BWP	E-5521
M3135L	BWP	E-9727
M3135R	BWP	E-9728
M3136L	BWP	E-9725
M3136R	BWP	E-9726
M3137L	BWP	E-6884
M3137R	BWP	E-6885
M3138L	BWP	E-9729
M3138R	BWP	E-9730
M3140L	BWP	E-5524
M3140R	BWP	E-5525
M3141L	BWP	E-9737
M3141R	BWP	E-9738
M3142L	BWP	E-5526
M3142R	BWP	E-5527
M3143L	BWP	E-2493
M3143L	BWP	E-2693
M3143R	BWP	E-2694

PART NO.	COMPETITOR	EUCLID NO.
M3144L	BWP	E-4719
M3144L	BWP	E-4721
M3144R	BWP	E-4720
M3145L	BWP	E-5518
M3145R	BWP	E-5519
M3147L	BWP	E-5133
M3147L	BWP	E-9735
M3147R	BWP	E-5134
M3147R	BWP	E-9736
M3148L	BWP	E-9741
M3148R	BWP	E-9742
M-3149-L	BWP	E-10917
M-3149-R	BWP	E-10918
M-3150-L	BWP	E-10919
M-3150-R	BWP	E-10920
M-3151-L	BWP	E-10921
M-3151-R	BWP	E-10922
M-3152-L	BWP	E-10923
M-3152-R	BWP	E-10924
M-3153-L	BWP	E-10925
M-3153-R	BWP	E-10926
M-3154-L	BWP	E-10927
M-3154-R	BWP	E-10928
M-3155-L	BWP	E-10929
M-3155-R	BWP	E-10930
M3169L	BWP	E-9100
M3169R	BWP	E-9101
M-3170L	BWP	E-5506
M-3170R	BWP	E-5507
M-3171L	BWP	E-5508
M-3171R	BWP	E-5509
M3172L	BWP	E-5510
M3172R	BWP	E-5511
M3173L	BWP	E-4884
M3173R	BWP	E-4885
M3174L	BWP	E-4723
M3174R	BWP	E-4722
M3175L	BWP	E-3854
M3175R	BWP	E-3855
M3176L	BWP	E-4886
M3176R	BWP	E-4887
M3178L	BWP	E-2413A
M3178R	BWP	E-2412A
M3179L	BWP	E-9655
M3179R	BWP	E-9656
M3180L	BWP	E-3861
M3180R	BWP	E-3862

PART NO.	COMPETITOR	EUCLID NO.
M3181L	BWP	E-4703B
M3181R	BWP	E-4702B
M3183L	BWP	E-4719
M3183R	BWP	E-4718
M3184L	BWP	E-4888
M3184R	BWP	E-4889
M3185L	BWP	E-4890
M3185R	BWP	E-4891
M3186L	BWP	E-3856
M3186L	BWP	E-5526
M3186R	BWP	E-3857
M3186R	BWP	E-5527
M3187L	BWP	E-5522
M3187R	BWP	E-5523
M3188L	BWP	E-9098
M3188R	BWP	E-9099
M3236	BWP	E-3878
M3237	BWP	E-3877
M3238	BWP	E-5304
M3239	BWP	E-5305
M3240	BWP	E-5482
M3243	BWP	E-5089
M3245	BWP	E-5088
M3247	BWP	E-6080
M3248	BWP	E-9075
M3258	BWP	E-667
M-3260	BWP	E-9063
M3261	BWP	E-2217A
M3345	BWP	E-5122
M3346	BWP	E-5123
M3347	BWP	E-3421A
M3349	BWP	E-5093
M3351	BWP	E-5127
M3352	BWP	E-5128
M3353	BWP	E-5137
M3354	BWP	E-5138
M3358	BWP	E-3871
M3361	BWP	E-5478
M3362	BWP	E-10197
M3363	BWP	E-6987B
M3364	BWP	E-6988B
M3365	BWP	E-6989B
M3365	BWP	E-6990B
M3366	BWP	E-6989B
M3366	BWP	E-6990B
M3367	BWP	E-10950B
M3367	BWP	E-6991B

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PART NO.	COMPETITOR	EUCLID NO.
M3368	BWP	E-6993B
M3369	BWP	E-6992B
M3370	BWP	E-6994B
M3371	BWP	E-6995B
M3372	BWP	E-6996B
M3373	BWP	E-2458SBK
M3375	BWP	E-4904SBK
M3385	BWP	E-9132
M3386	BWP	E-9133
M3388	BWP	E-9135
M3398	BWP	E-9077
M343276L12	Meritor	E-12SD300R
M3491	BWP	E-10198
M-3494	BWP	E-9095A
M-3497	BWP	E-9643
M-3498	BWP	E-9037
M3683L	BWP	E-9675
M3683R	BWP	E-9676
M3684L	BWP	E-9679
M3684R	BWP	E-9680
M3685L	BWP	E-9681
M3685R	BWP	E-9682
M3686L	BWP	E-10306A
M3686R	BWP	E-10307A
M-3687L	BWP	E-11585
M-3687R	BWP	E-11584
M3688L	BWP	E-9088
M3688R	BWP	E-9087
M3689L	BWP	E-4900
M3689R	BWP	E-4901
M3696L	BWP	E-9731
M3696R	BWP	E-9732
M3697L	BWP	E-9733
M3697R	BWP	E-9734
M-3698L	BWP	E-11858
M-3698R	BWP	E-11859
M3699L	BWP	E-10909
M3699R	BWP	E-10910
M-3731	BWP	E-9319
M-3732	BWP	E-9320
M3747	BWP	E-9789
M3748	BWP	E-9792A
M-3789-L	BWP	E-9759
M3789R	BWP	E-9760
M-3789-R	BWP	E-9760
M-3792-L	BWP	E-9755
M-3792-R	BWP	E-9756

PART NO.	COMPETITOR	EUCLID NO.
M3793L	BWP	E-9757
M3793R	BWP	E-9758
M-3794-L	BWP	E-10901
M-3794-R	BWP	E-10902
M-3795-L	BWP	E-10903
M-3795-R	BWP	E-10904
M-3796-L	BWP	E-10905
M-3796-R	BWP	E-10906
M-3797-L	BWP	E-10907
M-3797-R	BWP	E-10908
M-3798-L	BWP	E-10899
M-3798-R	BWP	E-10900
M3799L	BWP	E-11866
M3799R	BWP	E-11867
M-3984	BWP	E-9102
M-3985	BWP	E-10800
M-3986	BWP	E-10801
M-3987	BWP	E-9038
M431	BWP	E-2681A
M431	BWP	E-631
M432	BWP	E-2307
M434	BWP	E-612HD
M434	BWP	E-612SBK
M435	BWP	E-612SBK
M452	BWP	E-612HD
M452	BWP	E-612SBK
M-452	BWP	E-612HD
M457	BWP	E-940HD
M457	BWP	E-940SBK
M458	BWP	E-24S
M459	BWP	E-30S
M460	BWP	E-8888
M461	BWP	E-8889
M462	BWP	E-8890
M463	BWP	E-8891
M464	BWP	E-612HD
M464	BWP	E-8892
M465	BWP	E-2144
M466	BWP	E-8894
M467	BWP	E-8895
M474	BWP	E-1574HD
M474	BWP	E-1574SBK
M475	BWP	E-2091
M477L	BWP	E-1411
M477R	BWP	E-1410
M478L	BWP	E-1423
M478R	BWP	E-1422

PART NO.	COMPETITOR	EUCLID NO.
M479L	BWP	E-1421
M479R	BWP	E-1420
M496L	BWP	E-2493
M496R	BWP	E-2492
M497L	BWP	E-2493
M505	BWP	E-3781
M-505	BWP	E-3781
M507	BWP	E-2518A
M-507	BWP	E-2518A
M509	BWP	E-2681A
M5-214	Automann	E-4904S
M538	BWP	E-2218
M547	BWP	E-544
M549	BWP	E-543
M557L	BWP	E-2107
M557L	BWP	E-2108
M557R	BWP	E-2107
M557R	BWP	E-2108
M558L	BWP	E-691
M558R	BWP	E-690
M559L	BWP	E-2413A
M559L	BWP	E-689A
M-559L	BWP	E-2413A
M559R	BWP	E-2412A
M559R	BWP	E-688A
M-559R	BWP	E-2412A
M560L	BWP	E-691
M560L	BWP	E-9089
M560R	BWP	E-690
M560R	BWP	E-9090
M561L	BWP	E-687
M561R	BWP	E-686
M562L	BWP	E-1424A
M562L	BWP	E-1425A
M562L	BWP	E-557
M562R	BWP	E-1424A
M562R	BWP	E-1425A
M562R	BWP	E-556
M563L	BWP	E-1563
M563R	BWP	E-1564
M565L	BWP	E-1425A
M565R	BWP	E-1424A
M566L	BWP	E-2099
M566R	BWP	E-2100
M567L	BWP	E-685
M567R	BWP	E-684
M571	BWP	E-536

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PART NO.	COMPETITOR	EUCLID NO.
M571	BWP	E-536BK
M571	BWP	E-5512
M571A	BWP	E-661
M571B	BWP	E-661
M571B	BWP	E-759
M572	BWP	E-2477B
M572	BWP	E-535
M578	BWP	E-602
M579	BWP	E-526
M580	BWP	E-581
M582	BWP	E-2102
M583	BWP	E-580
M584	BWP	E-656
M587A	BWP	E-654
M588	BWP	E-564
M590A	BWP	E-3775
M590A	BWP	E-886
M592	BWP	E-595
M594	BWP	E-2395
M596	BWP	E-523
M597	BWP	E-586
M601	BWP	E-3421A
M612	BWP	E-596A
M-612	BWP	E-596A
M613	BWP	E-501
M617	BWP	E-773
M618	BWP	E-502
M619	BWP	E-502
M620	BWP	E-512
M622	BWP	E-609
M626	BWP	E-10814
M638	BWP	E-2458S
M638	BWP	E-2458SBK
M638	BWP	E-2459HD
M-638	BWP	E-2458HD
M640	BWP	E-538
M641	BWP	E-537
M641A	BWP	E-1269
M641A	BWP	E-1426
M-641A	BWP	E-1426
M642	BWP	E-563
M644	BWP	E-539
M645	BWP	E-527
M648	BWP	E-579A
M652	BWP	E-10817
M700	BWP	E-2096
M701	BWP	E-2681A

PART NO.	COMPETITOR	EUCLID NO.
M702	BWP	E-2096
M704	BWP	E-864
M706	BWP	E-632
M710	BWP	E-662
M719	BWP	E-719
M721	BWP	E-1025
M721	BWP	E-2101
M-721	BWP	E-2101
M723	BWP	E-1813
M724	BWP	E-1107
M725	BWP	E-1106
M738	BWP	E-1140
M741	BWP	E-920
M742	BWP	E-919
M743L	BWP	E-1147C
M743L	BWP	E-1148C
M743R	BWP	E-1147C
M743R	BWP	E-1148C
M744L	BWP	E-1095
M744R	BWP	E-1094
M746L	BWP	E-4716
M746L	BWP	E-4717
M746R	BWP	E-4716
M746R	BWP	E-4717
M747	BWP	E-1893
M747	BWP	E-1893S
M748	BWP	E-1113
M749	BWP	E-979
M769	BWP	E-1108
M-769	BWP	E-1108
M771	BWP	E-1112A
M774L	BWP	E-689A
M774R	BWP	E-688A
M776L	BWP	E-1394
M776R	BWP	E-1393
M778L	BWP	E-1788
M778L	BWP	E-1789
M-778L	BWP	E-1789
M778R	BWP	E-1788
M779	BWP	E-2029
M782	BWP	E-1403
M787	BWP	E-1406
M-787	BWP	E-1406
M791	BWP	E-1400
M792	BWP	E-1880B
M797	BWP	E-980
M798	BWP	E-752

PART NO.	COMPETITOR	EUCLID NO.
M802011	Meritor	E-TMM802011
M802048	Meritor	E-TMM802048
M804010	Meritor	E-TMM804010
M804049	Meritor	E-TMM804049
M808	BWP	E-1139
M824	BWP	E-1416
M-824	BWP	E-1416
M824A	BWP	E-1416
M824A	BWP	E-1416A
M-824A	BWP	E-1416A
M825	BWP	E-1272
M826	BWP	E-1271
M830	BWP	E-2163
M844	BWP	E-1418
M847	BWP	E-2380
M848	BWP	E-2484
M850	BWP	E-2522
M853	BWP	E-3996
M859	BWP	E-3997
M860	BWP	E-1261
M862	BWP	E-1136
M862	BWP	E-1137
M863	BWP	E-1137
M865	BWP	E-3998
M866	BWP	E-2141
M86610	Meritor	E-TMM86610
M86649	Meritor	E-TMM86649
M877	BWP	E-5531
M877	BWP	E-5541
M-877	BWP	E-5541
M878	BWP	E-3995
M-878	BWP	E-3995
M879	BWP	E-2484
M88010	Meritor	E-TMM88010
M88048	Meritor	E-TMM88048
M881	BWP	E-3994
M-881	BWP	E-3994
M884	BWP	E-5540
M-884	BWP	E-5540
M892	BWP	E-1128
M894	BWP	E-3995
M895	BWP	E-1262
M896	BWP	E-2290
M899	BWP	E-2015
M988L	BWP	E-4705B
M988R	BWP	E-4704B
M988R	BWP	E-4707B

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PART NO.	COMPETITOR	EUCLID NO.
M989L	BWP	E-4706B
M989L	BWP	E-4707B
M989R	BWP	E-4706B
M989R	BWP	E-4707B
M990	BWP	E-2441B
M990L	BWP	E-2441B
M990R	BWP	E-2442B
M-990R	BWP	E-2442B
M991L	BWP	E-2443B
M-991L/R	BWP	E-2444B
M991R	BWP	E-2444B
M992L	BWP	E-2445B
M-992L	BWP	E-2445B
M992R	BWP	E-2446B
M-992R	BWP	E-2446B
M993L	BWP	E-2447A
M993R	BWP	E-2448A
M994L	BWP	E-2449A
M994R	BWP	E-2450A
M995L	BWP	E-2451A
M995R	BWP	E-2452A
M996L	BWP	E-2479B
M996R	BWP	E-2478B
M997L	BWP	E-1774C
M997R	BWP	E-1773C
M998L	BWP	E-4709B
M998R	BWP	E-4708B
M999	BWP	E-1385
M990L	BWP	E-2441B
MA15425	Haldex	E-GC2430L
MA15427	Haldex	E-GP2430L
MA15431	Haldex	E-GC3030
MA15431	Haldex	E-GC3030P40
MA15435	Haldex	E-GP3030
MA15439	Haldex	E-GC3030CF
MA15439	Haldex	E-GC-3030CFP40
MA15443	Haldex	E-GC3030CF
MA15443	Haldex	E-GC-3030CFP40
MA15444	Haldex	E-GP3030
MA15445	Haldex	E-GC3030
MA15445	Haldex	E-GC3030P40
MA15449	Haldex	E-GC3030
MA15449	Haldex	E-GC3030P40
MA15455	Haldex	E-GP3036
MA15472	Haldex	E-GP2430XL
MA15473	Haldex	E-GC3030L

PART NO.	COMPETITOR	EUCLID NO.
MA15477	Haldex	E-GC3036L
MA15479	Haldex	E-GC3636
MA36120	Haldex	E-12S
MA36160	Haldex	E-16S
MA36360	Haldex	E-36S
MBC-BK0010	Fruehauf	E-3710SHD
MBC-BK0013	Fruehauf	E-2121HD
MBC-BK0014	Fruehauf	KIT5
MBC-BK0015	Fruehauf	E-2286
MBC-BK0020	Fruehauf	E-2769S
MBC-BK0021	Fruehauf	E-3895S
MBC-BK0022	Fruehauf	E-1816SHD
MBC-BK0024	Fruehauf	E-3484
MBC-BK0027	Fruehauf	KIT4SHD
MBC-BK0030	Fruehauf	E-1887ASHD
MEY808708	Fruehauf	E-5490
MEY808709	Fruehauf	E-5491
MF-2	Sirco	E-9644
MF-3	Sirco	E-9070
MID3030P76	Haldex	E-BC-3030CPLBX
MK1	BWP	KIT1
MK-1	BWP	KIT1
MK10	BWP	E-1887ASHD
MK10	BWP	E-4311EHDN
MK-10	BWP	E-1887ASHD
M-K10	BWP	E-1887AHD
MK101	BWP	E-2287
MK101	Spicer	E-2287
M-K103	BWP	E-9790A
MK104	BWP	E-5306
M-K105	BWP	E-10244
MK107	BWP	E-9791HD
M-K108	BWP	E-10756
MK109	BWP	E-10757
MK11	BWP	E-2030HD
MK-11	BWP	E-2030HD
M-K112	BWP	E-10875
M-K113	BWP	E-10760
M-K114	BWP	E-9141
M-K115	BWP	E-9039
M-K116	BWP	E-9053
MK12	BWP	E-2402HD
MK-12	BWP	E-2402HD
MK13	BWP	E-1357A
MK-13	BWP	E-1357A
MK14	BWP	E-2088A
MK14	BWP	E-2088AHD

PART NO.	COMPETITOR	EUCLID NO.
MK-14	BWP	E-2088A
MK15	BWP	E-2363
MK-15	BWP	E-2363
MK16	BWP	E-2382
MK-16	BWP	E-2382
MK17	BWP	E-2086B
MK-17	BWP	E-2086B
MK18	BWP	E-2089
MK18	BWP	E-2123
MK-18	BWP	E-2123
MK19	BWP	E-2125
MK-19	BWP	E-2125
MK-1HD	Sirco	E-2675HD
MK2	BWP	E-1816SHD
MK2	BWP	E-4515PHD
MK-2	BWP	E-1816SHD
MK20	BWP	E-2090
MK-20	BWP	E-2090
MK21	BWP	E-2122
MK-21	BWP	E-2122
MK21102S	Stemco	E-6992B
MK21103S	Stemco	E-6991B
MK21153S	Stemco	E-10950B
MK22102S	Stemco	E-6994B
MK22103S	Stemco	E-6993B
MK22153S	Stemco	E-10949B
MK23102S	Stemco	E-6996B
MK23103S	Stemco	E-6995B
MK24	BWP	E-2287
MK24	BWP	E-2469
MK-24	BWP	E-2287
M-K24	BWP	E-2469
MK24100S	Stemco	E-6987B
MK24300S	Stemco	E-6988B
MK25	BWP	E-2526
MK-25	BWP	E-2526
MK25100S	Stemco	E-6989B
MK25300S	Stemco	E-6990B
MK26	BWP	E-2469
MK-26	BWP	E-2469
MK27	BWP	E-2087
MK-27	BWP	E-2087
MK3	BWP	KIT4SHD
MK-3	BWP	KIT4SHD
MK30	BWP	E-7212A
MK-30	BWP	E-7212A
MK31	BWP	E-7214A

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PART NO.	COMPETITOR	EUCLID NO.
MK-31	BWP	E-7214A
MK32	BWP	E-7213A
MK-32	BWP	E-7213A
MK34200S	Stemco	E-11880
MK35100S	Stemco	E-11877
MK35200S	Stemco	E-11879
MK39	BWP	E-2769SHD
MK39	BWP	E-4515QHDN
MK-39	BWP	E-2769SHD
MK4	BWP	KIT4S
MK4	BWP	KIT4SHD
MK-4	BWP	KIT4SHD
MK41106S	Stemco	E-10782A
MK42	BWP	E-3710SHD
MK42	BWP	E-4515XHD
MK-42	BWP	E-3710SHD
MK42100S	Stemco	E-10779A
MK42106S	Stemco	E-10781A
MK43	BWP	E-2403HD
MK-43	BWP	E-2403HD
MK44	BWP	E-1812
MK-44	BWP	E-1812
MK45	BWP	E-3484
MK-45	BWP	E-3484
MK46	BWP	E-2126
MK-46	BWP	E-2126
MK47	BWP	E-2286
MK-47	BWP	E-2286
MK49	BWP	E-2740
MK-49	BWP	E-2740
MK5	BWP	KIT5
MK50	BWP	E-3291
MK-50	BWP	E-3291
MK51	BWP	E-2713
MK52	BWP	E-4691
MK-52	BWP	E-4691
MK53	BWP	E-4692
MK-53	BWP	E-4692
MK54	BWP	E-2675HD
MK-54	BWP	E-2675HD
MK55	BWP	E-2676
MK-55	BWP	E-2676
MK56	BWP	E-1607HD
MK58	BWP	E-2821
MK-58	BWP	E-2821
MK59	BWP	E-3518
MK-59	BWP	E-3518

PART NO.	COMPETITOR	EUCLID NO.
MK6	BWP	E-3801
MK60	BWP	E-2494
MK-60	BWP	E-2494
MK61	BWP	E-3520A
MK-61	BWP	E-3520A
MK62	BWP	E-2089
MK-62	BWP	E-2089
MK63	BWP	E-2696A
MK-63	BWP	E-2696A
MK64	BWP	E-2680
MK-64	BWP	E-2680
MK65	BWP	E-2679A
MK65	BWP	E-2679AHD
MK-65	BWP	E-2679A
MK66	BWP	E-3353A
MK-66	BWP	E-3353A
MK67	BWP	E-3354
MK-67	BWP	E-3354
MK68	BWP	E-3446
MK-68	BWP	E-3446
MK69	BWP	E-3468A
M-K69	BWP	E-3468A
MK7	BWP	E-1816SHD
MK7	BWP	E-4515P
MK7	BWP	E-4515PHD
MK-7	BWP	E-1816SHD
MK72	BWP	E-2769SHD
MK72	BWP	E-4515QHDN
MK-72	BWP	E-2769S
MK77	BWP	E-5139
MK78	BWP	E-5140
MK79	BWP	E-1308Q
MK79	BWP	E-3869
M-K79-B	BWP	E-7899
MK8	BWP	E-2121HD
MK-8	BWP	E-2121SHD
M-K8	BWP	E-2121HD
MK80	BWP	E-9281
MK81	BWP	E-3993B
MK83	BWP	E-3782
MK84	BWP	E-4709ESN
MK84	BWP	E-5481A
MK85	BWP	E-3520A
MK85	BWP	E-3989AHD
MK86	BWP	E-5501
MK87	BWP	E-3876
MK88	BWP	E-9079

PART NO.	COMPETITOR	EUCLID NO.
MK88	BWP	E-9079HD
MK89	BWP	E-9078
MK89	BWP	E-9078HD
MK90	BWP	E-6078
MK91	BWP	E-5515
MK92	BWP	E-9644
MK94	BWP	E-7231
MK95	BWP	E-7237
MK96	BWP	E-7235
MK98	BWP	E-9064
MK99	BWP	E-1887AHD
MK99	BWP	E-4311EHDN
MKT1308QMA	Meritor	E-1308QMA
MKT1308T	Meritor	E-1308T
MKT4515P	Meritor	E-4515P
MKT4515PHD	Meritor	E-4515PHD
MKT4515QHDK	Meritor	E-4515QHD-N
MKT4515QMBHDN	Meritor	E-4515QMBHD-N
MKT4515UHDN	Meritor	E-4515UHD-N
MKT4515X	Meritor	E-4515X
MKT4515XHD	Meritor	E-4515XHD
MKT4702KT-B	Meritor	E-4702KT-B
MKT4702KT-N	Meritor	E-4702KT-N
MKT4709ES2N	Meritor	E-4709ES2-N
MQ48300	Haldex	E-GP3030K
MRS-008000	Fruehauf	E-2769HD
MRS-008000	Fruehauf	E-2769S
MRS-009001	Fruehauf	E-1816HD
MRS-009001	Fruehauf	E-1816SHD
MRS061112	Fruehauf	E-2442B
MRS-061112	Fruehauf	E-2442B
MRS061113	Fruehauf	E-2441B
MRS-061113	Fruehauf	E-2441B
MRS061878	Fruehauf	E-1425A
MRS-061878	Fruehauf	E-1425A
MRS061879	Fruehauf	E-1424A
MRS-061879	Fruehauf	E-1424A
MRS062099	Fruehauf	E-4900
MRS062100	Fruehauf	E-4901
MSA400-10002	Fruehauf	E-6907A
MSA400-10211	Fruehauf	E-11403
MSA400-10211	Fruehauf	E-11415
MSA400-10211	Fruehauf	E-11416
MSA400-10211	Fruehauf	E-6944
MSA400-10212	Fruehauf	E-6942
MSA400-10214	Fruehauf	E-6946
MSA400-10215	Fruehauf	E-11902

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PART NO.	COMPETITOR	EUCLID NO.
N2943	Haldex	E-2091
N3137R	BWP	E-6885
N36216M	Haldex	E-16S
N36220AC	Haldex	E-20S
NL1001	Fleetcraft	E-512
NL1002	Fleetcraft	E-1112A
NL1003	Fleetcraft	E-609
NL1004	Fleetcraft	E-502
NL1005	Fleetcraft	E-2766S
NL1009	Fleetcraft	E-2029
NL1027	Fleetcraft	E-2217A
NL1027	Fleetcraft	E-595
NL1039	Fleetcraft	E-5122
NL1041	Fleetcraft	E-596A
NL1042	Fleetcraft	E-2396
NL1050	Fleetcraft	E-2177
NL1052	Fleetcraft	E-2177
NL1063	Fleetcraft	E-5123
NL1070	Fleetcraft	E-1025
NL1079	Fleetcraft	E-1880B
NL1084	Fleetcraft	E-3490B
NL1085	Fleetcraft	E-1418
NL1086	Fleetcraft	E-2767
NL1089	Fleetcraft	E-1428A
NL1090	Fleetcraft	E-1400
NL1098	Fleetcraft	E-5305
NL1103	Fleetcraft	E-2681A
NL1103	Fleetcraft	E-631
NL1106	Fleetcraft	E-886
NL1107	Fleetcraft	E-2551
NL1108	Fleetcraft	E-2361
NL1109	Fleetcraft	E-1314
NL1110	Fleetcraft	E-1893
NL1111	Fleetcraft	E-920
NL1112	Fleetcraft	E-919
NL1121	Meritor	E-DLNL112-1
NL1133	Fleetcraft	E-2361
NL1134	Fleetcraft	E-536
NL1135	Fleetcraft	E-759
NL1136	Fleetcraft	E-661
NL1137	Fleetcraft	E-1577A
NL1138	Fleetcraft	E-2102
NL1139	Fleetcraft	E-943
NL1141	Fleetcraft	E-1567
NL1143	Fleetcraft	E-535
NL1144	Fleetcraft	E-1571
NL1147	Fleetcraft	E-1385

PART NO.	COMPETITOR	EUCLID NO.
NL1147	Fleetcraft	E-2695
NL1148	Fleetcraft	E-2291
NL1149	Fleetcraft	E-1272
NL1150	Fleetcraft	E-2380
NL1151	Fleetcraft	E-1271
NL1152	Fleetcraft	E-2670
NL1154	Fleetcraft	E-2408
NL1155	Fleetcraft	E-2407
NL1156	Fleetcraft	E-2406
NL1167	Fleetcraft	E-2517
NL1174	Fleetcraft	E-2104
NL1179	Fleetcraft	E-1318A
NL1199	Fleetcraft	E-3007A
NL1200	Fleetcraft	E-539
NL1204	Fleetcraft	E-538
NL1210	Fleetcraft	E-1569
NL1212	Fleetcraft	E-747
NL1213	Fleetcraft	E-910
NL1217	Fleetcraft	E-526
NL1221	Fleetcraft	E-1357A
NL1222	Fleetcraft	E-2088A
NL1223	Fleetcraft	E-2363
NL1224	Fleetcraft	E-2382
NL1225	Fleetcraft	E-2086B
NL1226	Fleetcraft	E-2123
NL1227	Fleetcraft	E-2125
NL1228	Fleetcraft	E-2090
NL1229	Fleetcraft	E-2122
NL1230	Fleetcraft	E-537
NL1231	Fleetcraft	E-563
NL1232	Fleetcraft	E-1269
NL1234	Fleetcraft	E-654
NL1235	Fleetcraft	E-1416A
NL1236	Fleetcraft	E-2122
NL1237	Fleetcraft	E-2287
NL1238	Fleetcraft	E-2287
NL1239	Fleetcraft	E-2526
NL1240	Fleetcraft	E-2469
NL1241	Fleetcraft	E-2087
NL1248	Fleetcraft	E-544
NL1250	Fleetcraft	E-1113
NL1252	Fleetcraft	E-656
NL1253	Fleetcraft	E-2404
NL1253	Fleetcraft	E-2405
NL1254	Fleetcraft	E-2391
NL1255	Fleetcraft	E-719
NL1256	Fleetcraft	E-1565

PART NO.	COMPETITOR	EUCLID NO.
NL1257	Fleetcraft	E-581
NL1258	Fleetcraft	E-580
NL1260	Fleetcraft	E-564
NL1261	Fleetcraft	E-1781
NL1262	Fleetcraft	E-1782
NL1263	Fleetcraft	E-2411A
NL1270	Fleetcraft	E-2091
NL1271	Fleetcraft	E-2399
NL1272	Fleetcraft	E-579A
NL1277	Fleetcraft	E-2696A
NL1292	Fleetcraft	E-2479B
NL1293	Fleetcraft	E-2478B
NL1294	Fleetcraft	E-1789
NL1295	Fleetcraft	E-1788
NL1298	Fleetcraft	E-1774C
NL1299	Fleetcraft	E-1773C
NL1300	Fleetcraft	E-1148C
NL1301	Fleetcraft	E-1147C
NL1308	Fleetcraft	E-687
NL1309	Fleetcraft	E-686
NL1310	Fleetcraft	E-2795
NL1311	Fleetcraft	E-2794
NL1314	Fleetcraft	E-2413A
NL1315	Fleetcraft	E-2412A
NL1318	Fleetcraft	E-1425A
NL1319	Fleetcraft	E-1424A
NL1320	Fleetcraft	E-685
NL1321	Fleetcraft	E-684
NL1324	Fleetcraft	E-691
NL1325	Fleetcraft	E-690
NL1326	Fleetcraft	E-1095
NL1327	Fleetcraft	E-1094
NL1334	Fleetcraft	E-1563
NL1335	Fleetcraft	E-1564
NL1336	Fleetcraft	E-2100
NL1337	Fleetcraft	E-2099
NL1340	Fleetcraft	E-1776
NL1341	Fleetcraft	E-1775
NL1348	Fleetcraft	E-1411
NL1349	Fleetcraft	E-1410
NL1350	Fleetcraft	E-2493
NL1351	Fleetcraft	E-2492
NL1352	Fleetcraft	E-1422
NL1353	Fleetcraft	E-1423
NL1362	Fleetcraft	E-2441B
NL1363	Fleetcraft	E-2442B
NL1364	Fleetcraft	E-2443B

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PART NO.	COMPETITOR	EUCLID NO.
NL1365	Fleetcraft	E-2444B
NL1366	Fleetcraft	E-2446B
NL1367	Fleetcraft	E-2445B
NL1372	Fleetcraft	E-2451A
NL1373	Fleetcraft	E-2452A
NL1389	Fleetcraft	E-4901
NL1424	Fleetcraft	E-5137
NL1425	Fleetcraft	E-5138
NL1429	Fleetcraft	E-5128
NL1566	Fleetcraft	E-1597A
NL1569	Fleetcraft	E-7212A
NL1578	Fleetcraft	E-2768
NL1608	Fleetcraft	KIT4S
NL1610	Fleetcraft	E-1816S
NL1612	Fleetcraft	E-2121
NL1616	Fleetcraft	E-1887ASHD
NL1618	Fleetcraft	KIT4SHD
NL1621	Fleetcraft	E-2769S
NL1627	Fleetcraft	E-5306
NL1744	Fleetcraft	E-3234
NL1744B	Fleetcraft	E-3234
NL1762	Fleetcraft	E-5127
NL1958	Fleetcraft	E-2441B
NL1959	Fleetcraft	E-2442B
NL1966	Fleetcraft	E-10909
NL1967	Fleetcraft	E-10910
NL5247	Fleetcraft	E-5833
NL5248	Fleetcraft	E-5834
NL5328	Fleetcraft	E-5205
NT2430STD78	Bendix	E-GC2424
NT3030ELS80	Bendix	E-GC3030L
NT3030ELS-80	Bendix	E-BC3030CEL
NT3030EL-S80TC	Bendix	E-GC3030L
NT3030ELSKIT	Bendix	E-LPP3030K
NT3030ELS-WC	Bendix	E-BC3030CEL
NT3030ST-D78TC	Bendix	E-GC3030
NT3030STDKIT	Bendix	E-GP3030K
NT3030STD-WC	Bendix	E-BC3030C
OTR1094	FleetPride	E-1094
OTR1095	FleetPride	E-1095
OTR1147C	FleetPride	E-1147C
OTR1148C	FleetPride	E-1148C
OTR1422	FleetPride	E-1422
OTR1423	FleetPride	E-1423
OTR1424A	FleetPride	E-1424A
OTR1425A	FleetPride	E-1425A

PART NO.	COMPETITOR	EUCLID NO.
OTR1563	FleetPride	E-1563
OTR1564	FleetPride	E-1564
OTR1775	FleetPride	E-1775
OTR1776	FleetPride	E-1776
OTR2099	FleetPride	E-2099
OTR2100	FleetPride	E-2100
OTR3854	FleetPride	E-3854
OTR3855	FleetPride	E-3855
OTR3856	FleetPride	E-3856
OTR3857	FleetPride	E-3857
OTR4884	FleetPride	E-4884
OTR4885	FleetPride	E-4885
OTR5522	FleetPride	E-5522
OTR5523	FleetPride	E-5523
OTR5524	FleetPride	E-5524
OTR5525	FleetPride	E-5525
OTR5526	FleetPride	E-5526
OTR5527	FleetPride	E-5527
OTR9059	FleetPride	E-9059
OTR9060	FleetPride	E-9060
OTR9098	FleetPride	E-9098
OTR9099	FleetPride	E-9099
OTR9100	FleetPride	E-9100
OTR9101	FleetPride	E-9101
OTR9649	FleetPride	E-9649
OTR9650	FleetPride	E-9650
OTR9659	FleetPride	E-9659
OTR9660	FleetPride	E-9660
OTR9661	FleetPride	E-9661
OTR9662	FleetPride	E-9662
OTR9671	FleetPride	E-9671
OTR9672	FleetPride	E-9672
OTR9733	FleetPride	E-9733
OTR9734	FleetPride	E-9734
OTR9761	FleetPride	E-9761
OTR9762	FleetPride	E-9762
PNF107	Automann	E-1107
PP1901	Power Equipment	E-1901
PP1902	Power Equipment	E-1902
PP1903	Power Equipment	E-1903
PP1904	Power Equipment	E-1904
PP1905	Power Equipment	E-1905
PP1906	Power Equipment	E-1906
PP1907	Power Equipment	E-1907
PP1908	Power Equipment	E-1908
PP1909	Power Equipment	E-1909
PP1910	Power Equipment	E-1910

PART NO.	COMPETITOR	EUCLID NO.
PP1911	Power Equipment	E-1911
PP1912	Power Equipment	E-1912
PP1913	Power Equipment	E-1913
PP1914	Power Equipment	E-1914
PP1915	Power Equipment	E-1915
PP1916	Power Equipment	E-1916
PP1917	Power Equipment	E-1917
PP1918	Power Equipment	E-1918
PP1919	Power Equipment	E-1919
PP1920	Power Equipment	E-1920
PP1921	Power Equipment	E-1921
PP1922	Power Equipment	E-1922
PP1923	Power Equipment	E-1923
PP1924	Power Equipment	E-1924
PP1925	Power Equipment	E-1925
PP1926	Power Equipment	E-1926
PP1927	Power Equipment	E-1927
PP1928	Power Equipment	E-1928
PP1929	Power Equipment	E-1929
PP1930	Power Equipment	E-1930
PP1931	Power Equipment	E-1931
PP1932	Power Equipment	E-1932
PP1933	Power Equipment	E-1933
PP1934	Power Equipment	E-1934
PP1935	Power Equipment	E-1935
PP1936	Power Equipment	E-1936
PP1937	Power Equipment	E-1937
PP1938	Power Equipment	E-6137
PP1939	Power Equipment	E-3371
PP1941	Power Equipment	E-1597A
PR24	Haldex	E-11983
PR30	Haldex	E-11984
PR30S1	Haldex	E-11985
PR36	Haldex	E-11986
PR36S1	Haldex	E-11987
QK1	Sirco	E-4515QN
QK-2S	Sirco	E-4515U
R000540	Meritor	E-540
R000572	Meritor	E-572
R000573	Meritor	E-3008
R0010093A	Meritor	E-10093A
R001016L	Meritor	E-10200-L
R001016R	Meritor	E-10200-R
R0010202L	Meritor	E-10202-L
R0010202R	Meritor	E-10202-R
R0010206L	Meritor	E-10206-L
R0010206R	Meritor	E-10206-R

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PART NO.	COMPETITOR	EUCLID NO.
R0010208L	Meritor	E-10208-L
R0010208R	Meritor	E-10208-R
R0010209L	Meritor	E-10209-L
R0010209R	Meritor	E-10209-R
R0010210L	Meritor	E-10210-L
R0010210R	Meritor	E-10210-R
R0010213L	Meritor	E-10213-L
R0010213R	Meritor	E-10213-R
R0010214L	Meritor	E-10214-L
R0010214R	Meritor	E-10214-R
R0010215	Meritor	E-10215
R0010216	Meritor	E-10216
R0010217	Meritor	E-10217
R0010218	Meritor	E-10218
R0010219	Meritor	E-10219
R0010220	Meritor	E-10220
R0010221	Meritor	E-10221
R0010222	Meritor	E-10222
R0010223	Meritor	E-10223
R0010225L	Meritor	E-10225-L
R0010225R	Meritor	E-10225-R
R0010226L	Meritor	E-10226-L
R0010226R	Meritor	E-10226-R
R0010227L	Meritor	E-10227-L
R0010227R	Meritor	E-10227-R
R0010228L	Meritor	E-10228-L
R0010228R	Meritor	E-10228-R
R0010229	Meritor	E-10229
R0010234	Meritor	E-10234
R0010235	Meritor	E-10235
R0010242	Meritor	E-10242
R0010254L	Meritor	E-10254-L
R0010254R	Meritor	E-10254-R
R0010256	Meritor	E-10256
R0010257	Meritor	E-10257
R0010258L	Meritor	E-10258-L
R0010258R	Meritor	E-10258-R
R0010259L	Meritor	E-10259-L
R0010259R	Meritor	E-10259-R
R0010675	Meritor	E-10675
R0010676	Meritor	E-10676
R001087	Meritor	E-1087
R0011003	Meritor	E-11003
R0011051	Meritor	E-11051
R001108	Meritor	E-1108
R001124L	Meritor	E-10201-L
R001124R	Meritor	E-10201-R

PART NO.	COMPETITOR	EUCLID NO.
R0011445	Meritor	E-11445
R0011446	Meritor	E-11446
R0011819	Meritor	E-11819
R0011907	Meritor	E-11907
R0011907H	Meritor	E-11907H
R001250	Meritor	E-1250
R001251	Meritor	E-1251
R001252	Meritor	E-1252
R001362	Meritor	E-1362
R0014640	Meritor	E-14640
R0014873L	Meritor	E-14873-L
R0014873R	Meritor	E-14873-R
R0014874L	Meritor	E-14874-L
R0014874R	Meritor	E-14874-R
R0014875	Meritor	E-14875
R0014876	Meritor	E-14876
R0014877	Meritor	E-14877
R0014889	Meritor	E-14889
R0014924	Meritor	E-14924
R0014924H	Meritor	E-14924H
R001559	Meritor	E-1559
R001561	Meritor	E-1561
R0015680	Meritor	E-15680
R0015681	Meritor	E-15681
R0015682	Meritor	E-15682
R0015683	Meritor	E-15683
R001597A	Meritor	E-1597A
R001607L	Meritor	E-10224-L
R001607R	Meritor	E-10224-R
R001623L	Meritor	E-10249-L
R001623R	Meritor	E-10249-R
R0017001	Meritor	E-17001
R001901	Meritor	E-1901
R001904	Meritor	E-1904
R001905	Meritor	E-10230
R001906	Meritor	E-1906
R001907	Meritor	E-1907
R001908	Meritor	E-1908
R001909	Meritor	E-1909
R001910	Meritor	E-1910
R001911	Meritor	E-1911
R001912	Meritor	E-1912
R001913	Meritor	E-1913
R001914	Meritor	E-1914
R001915	Meritor	E-1915
R001916	Meritor	E-1916
R001917	Meritor	E-1917

PART NO.	COMPETITOR	EUCLID NO.
R001918	Meritor	E-1918
R001920	Meritor	E-1920
R001921	Meritor	E-1921
R001922	Meritor	E-1922
R001923	Meritor	E-1923
R001924	Meritor	E-1924
R001925	Meritor	E-1925
R001926	Meritor	E-1926
R001927	Meritor	E-1927
R001929	Meritor	E-1929
R001930	Meritor	E-1930
R001931	Meritor	E-1931
R001932	Meritor	E-1932
R001936	Meritor	E-1936
R002091	Meritor	E-2091
R002128	Meritor	E-2128
R002237	Meritor	E-2237
R002296	Meritor	E-2296
R002297	Meritor	E-2297
R002298	Meritor	E-2298
R002299	Meritor	E-2299
R002300	Meritor	E-2300
R002301	Meritor	E-2301
R002303	Meritor	E-2303
R002304	Meritor	E-2304
R002305	Meritor	E-2305
R002306	Meritor	E-2306
R002307	Meritor	E-2307
R002340	Meritor	E-2340
R002341	Meritor	E-2341
R002417	Meritor	E-2417
R002419	Meritor	E-2419
R002420	Meritor	E-2420
R002422	Meritor	E-2422
R002423	Meritor	E-2423
R002424	Meritor	E-2424
R002425	Meritor	E-2425
R002431	Meritor	E-2431
R002433	Meritor	E-2433
R002434	Meritor	E-2434
R002435	Meritor	E-2435
R002436	Meritor	E-2436
R002437	Meritor	E-2437
R002438	Meritor	E-2438
R002460	Meritor	E-2460
R002461	Meritor	E-2461
R002462	Meritor	E-2462

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
R002463	Meritor	E-2463
R002464	Meritor	E-2464
R002465	Meritor	E-2465
R002467	Meritor	E-2467
R002468	Meritor	E-2468
R002518A	Meritor	E-2518A
R002547	Meritor	E-2547
R002550	Meritor	E-2550
R002650	Meritor	E-8963
R002654	Meritor	E-2654
R002660	Meritor	E-2660
R002662	Meritor	E-2662
R002739	Meritor	E-2739
R003009	Meritor	E-3009
R003010	Meritor	E-3010
R003130L	Meritor	E-10253-L
R003130R	Meritor	E-10253-R
R003371	Meritor	E-3371
R003372	Meritor	E-3372
R003421A	Meritor	E-3421A
R003501	Meritor	E-3501
R003502	Meritor	E-3502
R003504	Meritor	E-3504
R003505	Meritor	E-3505
R003506	Meritor	E-3506
R003507	Meritor	E-3507
R003508	Meritor	E-3508
R003509	Meritor	E-3509
R003510	Meritor	E-3510
R003520AHD	Meritor	E-3520AHD
R003723L	Meritor	E-3723-L
R003723R	Meritor	E-3723-R
R003724L	Meritor	E-3724-L
R003727R	Meritor	E-3727-R
R003728L	Meritor	E-3728-L
R003728R	Meritor	E-3728-R
R003775	Meritor	E-3775
R003863A	Meritor	E-3863A
R003864B	Meritor	E-3864B
R003909	Meritor	E-3909
R003910	Meritor	E-3910
R003911	Meritor	E-3911
R004738A	Meritor	E-4738A
R004739	Meritor	E-4739
R004849	Meritor	E-4849
R004850	Meritor	E-4850
R004851	Meritor	E-4851

PART NO.	COMPETITOR	EUCLID NO.
R004852	Meritor	E-4852
R004853	Meritor	E-4853
R004854	Meritor	E-4854
R004855	Meritor	E-4855
R004856	Meritor	E-4856
R004857	Meritor	E-4857
R004858	Meritor	E-4858
R004859	Meritor	E-4859
R004861	Meritor	E-4861
R004862	Meritor	E-4862
R004863	Meritor	E-4863
R004864	Meritor	E-4864
R004865	Meritor	E-4865
R004867	Meritor	E-4867
R004868	Meritor	E-4868
R004869	Meritor	E-4869
R004870	Meritor	E-4870
R004871	Meritor	E-4871
R004873	Meritor	E-4873
R004874	Meritor	E-4874
R004875	Meritor	E-4875
R004876	Meritor	E-4876
R004877	Meritor	E-4877
R004878	Meritor	E-4878
R004879	Meritor	E-4879
R004881	Meritor	E-4881
R004935	Meritor	E-4935
R004942	Meritor	E-4942
R004944	Meritor	E-4944
R004945	Meritor	E-4945
R004946	Meritor	E-4946
R004947	Meritor	E-4947
R004948	Meritor	E-4948
R004949	Meritor	E-4949
R004950	Meritor	E-4950
R004951	Meritor	E-4951
R004952	Meritor	E-4952
R004953	Meritor	E-4953
R004955	Meritor	E-4955
R004956A	Meritor	E-4956A
R004956ABK	Meritor	E-4956A-BK
R004957	Meritor	E-4957
R004958	Meritor	E-4958
R004960	Meritor	E-4960
R004961A	Meritor	E-4961A
R004962	Meritor	E-4962
R004963	Meritor	E-4963

PART NO.	COMPETITOR	EUCLID NO.
R004963BK	Meritor	E-4963-BK
R004963PL	Meritor	E-4963-PL
R004964L	Meritor	E-4964-L
R004964R	Meritor	E-4964-R
R004965L	Meritor	E-4965-L
R004965R	Meritor	E-4965-R
R004966L	Meritor	E-4966-L
R004966R	Meritor	E-4966-R
R004967L	Meritor	E-4967-L
R004967R	Meritor	E-4967-R
R004968L	Meritor	E-4968-L
R004968R	Meritor	E-4968-R
R004969L	Meritor	E-4969-L
R004969R	Meritor	E-4969-R
R004975R	Meritor	E-4975-R
R004976R	Meritor	E-4976-R
R004979R	Meritor	E-4979-R
R004987A	Meritor	E-4987A
R004988L	Meritor	E-4988-L
R004988R	Meritor	E-4988-R
R004989	Meritor	E-4989
R004990	Meritor	E-4990A
R005007	Meritor	E-5007
R005008	Meritor	E-5008
R005012	Meritor	E-5012
R005018	Meritor	E-5018
R005032	Meritor	E-5032
R005036	Meritor	E-5036
R005040A	Meritor	E-5040A
R005044	Meritor	E-5044
R005045	Meritor	E-5045
R005046	Meritor	E-5046
R005047	Meritor	E-5047
R005055	Meritor	E-5055
R005205	Meritor	E-5205
R005206	Meritor	E-5206
R005207	Meritor	E-5207
R005208	Meritor	E-5208
R005242A	Meritor	E-5242A
R005243A	Meritor	E-5243A
R005244A	Meritor	E-5244A
R005476	Meritor	E-5476
R005551L	Meritor	E-5551-L
R005551R	Meritor	E-5551-R
R005553L	Meritor	E-5553-L
R005553R	Meritor	E-5553-R
R005554L	Meritor	E-5554-L

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PART NO.	COMPETITOR	EUCLID NO.
R005554R	Meritor	E-5554-R
R005556L	Meritor	E-5556-L
R005556R	Meritor	E-5556-R
R005557L	Meritor	E-5557-L
R005557R	Meritor	E-5557-R
R005558L	Meritor	E-5558-L
R005558R	Meritor	E-5558-R
R005559L	Meritor	E-5559-L
R005559R	Meritor	E-5559-R
R005560L	Meritor	E-5560-L
R005560R	Meritor	E-5560-R
R005561L	Meritor	E-5561-L
R005561R	Meritor	E-5561-R
R005570	Meritor	E-5570
R005571A	Meritor	E-5571A
R005572A	Meritor	E-5572A
R005573	Meritor	E-5573
R005576L	Meritor	E-5576-L
R005576R	Meritor	E-5576-R
R005579L	Meritor	E-5579-L
R005579R	Meritor	E-5579-R
R005585L	Meritor	E-5585-L
R005585R	Meritor	E-5585-R
R005587L	Meritor	E-5587-L
R005587R	Meritor	E-5587-R
R005588L	Meritor	E-5588-L
R005588R	Meritor	E-5588-R
R005589L	Meritor	E-5589-L
R005589R	Meritor	E-5589-R
R005610R	Meritor	E-5610-R
R005612R	Meritor	E-5612-R
R005618L	Meritor	E-5618-L
R005618R	Meritor	E-5618-R
R005632	Meritor	E-5632
R005652L	Meritor	E-5652-L
R005652R	Meritor	E-5652-R
R005682	Meritor	E-5682
R005683	Meritor	E-5683
R005702	Meritor	E-5702
R005704	Meritor	E-5704
R005706	Meritor	E-5706
R005708	Meritor	E-5708
R005710	Meritor	E-5710
R005711	Meritor	E-5711
R005712	Meritor	E-5712
R005713L	Meritor	E-5713-L
R005713R	Meritor	E-5713-R

PART NO.	COMPETITOR	EUCLID NO.
R005714L	Meritor	E-5714-L
R005714R	Meritor	E-5714-R
R005715L	Meritor	E-5715-L
R005715R	Meritor	E-5715-R
R005716L	Meritor	E-5716-L
R005716R	Meritor	E-5716-R
R005717L	Meritor	E-5717-L
R005717R	Meritor	E-5717-R
R005718L	Meritor	E-5718-L
R005718R	Meritor	E-5718-R
R005719L	Meritor	E-5719-L
R005719R	Meritor	E-5719-R
R005720L	Meritor	E-5720-L
R005720R	Meritor	E-5720-R
R005721L	Meritor	E-5721-L
R005721R	Meritor	E-5721-R
R005722L	Meritor	E-5722-L
R005722R	Meritor	E-5722-R
R005724	Meritor	E-5724
R005726	Meritor	E-5726
R005727	Meritor	E-5727
R005728	Meritor	E-5728
R005729	Meritor	E-5729
R005734	Meritor	E-5734
R005736	Meritor	E-5736
R005737	Meritor	E-5737
R005738	Meritor	E-5738
R005739	Meritor	E-5739
R005740	Meritor	E-5740
R005742	Meritor	E-5742
R005743	Meritor	E-5743
R005747	Meritor	E-5747
R005748L	Meritor	E-5748-L
R005748R	Meritor	E-5748-R
R005749L	Meritor	E-5749-L
R005749R	Meritor	E-5749-R
R005750L	Meritor	E-5750-L
R005750R	Meritor	E-5750-R
R005753	Meritor	E-5753
R005755	Meritor	E-5755
R005756L	Meritor	E-5756-L
R005756R	Meritor	E-5756-R
R005757L	Meritor	E-5757-L
R005757R	Meritor	E-5757-R
R005761	Meritor	E-5761
R005763R	Meritor	E-5763-R
R005764L	Meritor	E-5764-L

PART NO.	COMPETITOR	EUCLID NO.
R005764R	Meritor	E-5764-R
R005765L	Meritor	E-5765-L
R005765R	Meritor	E-5765-R
R005766L	Meritor	E-5766-L
R005766R	Meritor	E-5766-R
R005775	Meritor	E-5775
R005776	Meritor	E-5776
R005780	Meritor	E-5780
R005781	Meritor	E-5781
R005781G	Meritor	E-5781
R005783	Meritor	E-5783
R005783G	Meritor	E-5783
R005784	Meritor	E-5784A
R005784G	Meritor	E-5784A
R005785A	Meritor	E-5785A
R005785G	Meritor	E-5785A
R005796	Meritor	E-5796
R005799	Meritor	E-5799
R005800	Meritor	E-5800
R005801	Meritor	E-5801
R005816	Meritor	E-5816
R005820	Meritor	E-5820
R005821	Meritor	E-5821
R005821G	Meritor	E-5821
R005822	Meritor	E-5822
R005823	Meritor	E-5823
R005824	Meritor	E-5824
R005825	Meritor	E-5825
R005827	Meritor	E-5827
R005827G	Meritor	E-5827
R005828	Meritor	E-5828
R005828G	Meritor	E-5828
R005829	Meritor	E-5829
R005829G	Meritor	E-5829
R005833	Meritor	E-5833
R005834	Meritor	E-5834
R005837	Meritor	E-5837
R005838	Meritor	E-5838
R005838G	Meritor	E-5838
R005839	Meritor	E-5839
R005840	Meritor	E-5840
R005841	Meritor	E-5841
R005850	Meritor	E-5850
R005851	Meritor	E-5851
R005854	Meritor	E-5854
R005855	Meritor	E-5855
R005856	Meritor	E-5856

CROSS REFERENCE

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
R005868L	Meritor	E-5868-L
R005868R	Meritor	E-5868-R
R005869L	Meritor	E-5869-L
R005869R	Meritor	E-5869-R
R005870L	Meritor	E-5870-L
R005870R	Meritor	E-5870-R
R005871L	Meritor	E-5871-L
R005871R	Meritor	E-5871-R
R005872	Meritor	E-5872
R005874X	Meritor	E-5874X
R005876L	Meritor	E-5876-L
R005876R	Meritor	E-5876-R
R005883	Meritor	E-5883
R005885	Meritor	E-5885
R005885G	Meritor	E-5885
R005887	Meritor	E-5887
R005889	Meritor	E-5889
R005890	Meritor	E-5890
R005891	Meritor	E-5891
R005892	Meritor	E-5892
R005896L	Meritor	E-5896-L
R005896R	Meritor	E-5896-R
R005897L	Meritor	E-5897-L
R005897R	Meritor	E-5897-R
R005898L	Meritor	E-5898-L
R005898R	Meritor	E-5898-R
R005899L	Meritor	E-5899-L
R005899R	Meritor	E-5899-R
R005900L	Meritor	E-5900-L
R005900R	Meritor	E-5900-R
R005902	Meritor	E-5902
R005902G	Meritor	E-5902
R005904A	Meritor	E-5904A
R005905A	Meritor	E-5905A
R005905AG	Meritor	E-5905A
R005906	Meritor	E-5906
R005909L	Meritor	E-5909-L
R005909R	Meritor	E-5909-R
R005910L	Meritor	E-5910-L
R005910R	Meritor	E-5910-R
R005911L	Meritor	E-5911-L
R005911R	Meritor	E-5911-R
R005916L	Meritor	E-5916-L
R005916R	Meritor	E-5916-R
R005918L	Meritor	E-5918-L
R005918R	Meritor	E-5918-R
R005920L	Meritor	E-5920-L

PART NO.	COMPETITOR	EUCLID NO.
R005920R	Meritor	E-5920-R
R005922L	Meritor	E-5922-L
R005922R	Meritor	E-5922-R
R005923L	Meritor	E-5923-L
R005923R	Meritor	E-5923-R
R005924L	Meritor	E-5924-L
R005924R	Meritor	E-5924-R
R005926	Meritor	E-5926
R005926G	Meritor	E-5926
R005927	Meritor	E-5927
R005929L	Meritor	E-5929-L
R005929R	Meritor	E-5929-R
R005930L	Meritor	E-5930-L
R005930R	Meritor	E-5930-R
R005931L	Meritor	E-5931-L
R005931R	Meritor	E-5931-R
R005932L	Meritor	E-5932-L
R005932R	Meritor	E-5932-R
R005933L	Meritor	E-5933-L
R005933R	Meritor	E-5933-R
R005935L	Meritor	E-5935-L
R005935R	Meritor	E-5935-R
R005936L	Meritor	E-5936-L
R005936R	Meritor	E-5936-R
R005937L	Meritor	E-5937-L
R005944	Meritor	E-5944
R005946	Meritor	E-5946
R005947	Meritor	E-5947
R005949	Meritor	E-5949
R005952	Meritor	E-5952
R005953	Meritor	E-5953
R005953G	Meritor	E-5953
R005954	Meritor	E-5954
R005955	Meritor	E-5955
R005957	Meritor	E-5957
R005960	Meritor	E-5960
R005961	Meritor	E-5961
R005963	Meritor	E-5963
R005964	Meritor	E-5964
R005970	Meritor	E-5970
R005970BK	Meritor	E-5970-BK
R005971	Meritor	E-5971
R005972	Meritor	E-5972
R005972BK	Meritor	E-5972-BK
R005973	Meritor	E-5973
R005974	Meritor	E-5974
R005976	Meritor	E-5976

PART NO.	COMPETITOR	EUCLID NO.
R005977L	Meritor	E-5977-L
R005977LBK	Meritor	E-5977-L-BK
R005977LPL	Meritor	E-5977-L-PL
R005977R	Meritor	E-5977-R
R005977RBK	Meritor	E-5977-R-BK
R005977RPL	Meritor	E-5977-R-PL
R005978L	Meritor	E-5978-L
R005978R	Meritor	E-5978-R
R005982L	Meritor	E-5982-L
R005982R	Meritor	E-5982-R
R005983L	Meritor	E-5983-L
R005983R	Meritor	E-5983-R
R005985L	Meritor	E-5985-L
R005985R	Meritor	E-5985-R
R005986L	Meritor	E-5986-L
R005986R	Meritor	E-5986-R
R005987L	Meritor	E-5987-L
R005987R	Meritor	E-5987-R
R005988L	Meritor	E-5988-L
R005988LBK	Meritor	E-5988-L-BK
R005988LPL	Meritor	E-5988-L-PL
R005988R	Meritor	E-5988-R
R005988RBK	Meritor	E-5988-R-BK
R005988RPL	Meritor	E-5988-R-PL
R005989L	Meritor	E-5989-L
R005989R	Meritor	E-5989-R
R005990L	Meritor	E-5990-L
R005990R	Meritor	E-5990-R
R005991	Meritor	E-5991
R005991BK	Meritor	E-5991-BK
R005991PL	Meritor	E-5991-PL
R005992A	Meritor	E-5992A
R005993	Meritor	E-5993
R005994	Meritor	E-5994
R005995L	Meritor	E-5995-L
R005995R	Meritor	E-5995-R
R005996L	Meritor	E-5996-L
R005996R	Meritor	E-5996-R
R005997	Meritor	E-5997
R005998	Meritor	E-5998
R005999	Meritor	E-5999
R006000A	Meritor	E-6000A
R006000ABK	Meritor	E-6000A-BK
R006000APL	Meritor	E-6000A-PL
R006001	Meritor	E-6001A
R006023L	Meritor	E-6023-L
R006023R	Meritor	E-6023-R

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PART NO.	COMPETITOR	EUCLID NO.
R006024L	Meritor	E-6024-L
R006024R	Meritor	E-6024-R
R006026L	Meritor	E-6026-L
R006026R	Meritor	E-6026-R
R006027L	Meritor	E-6027-L
R006027R	Meritor	E-6027-R
R006028L	Meritor	E-6028-L
R006028R	Meritor	E-6028-R
R006029	Meritor	E-6029A
R006030	Meritor	E-6030A
R006033L	Meritor	E-6033-L
R006033R	Meritor	E-6033-R
R006034	Meritor	E-6034
R006035	Meritor	E-6035
R006036	Meritor	E-6036
R006038	Meritor	E-6038
R006040	Meritor	E-6040
R006053	Meritor	E-6053
R006053G	Meritor	E-6053
R006054	Meritor	E-6054
R006054G	Meritor	E-6054
R006057L	Meritor	E-6057-L
R006057R	Meritor	E-6057-R
R006058L	Meritor	E-6058-L
R006058R	Meritor	E-6058-R
R006059L	Meritor	E-6059-L
R006059R	Meritor	E-6059-R
R006060L	Meritor	E-6060-L
R006060R	Meritor	E-6060-R
R006137	Meritor	E-6137
R006138	Meritor	E-6138
R006139	Meritor	E-6139
R006141	Meritor	E-6141
R006142	Meritor	E-6142
R006144	Meritor	E-6144
R006145	Meritor	E-6145
R006146	Meritor	E-6146
R006147	Meritor	E-6147
R006148	Meritor	E-6148
R007014	Meritor	E-4945
R007118	Meritor	E-10238
R007224	Meritor	E-10828
R007651	Meritor	E-7651
R007653	Meritor	E-7653
R007664	Meritor	E-7664
R007665	Meritor	E-7665
R007666	Meritor	E-7666

PART NO.	COMPETITOR	EUCLID NO.
R007775	Meritor	E-7775
R007895L	Meritor	E-7895-L
R007895LBK	Meritor	E-7895-L-BK
R007895LPL	Meritor	E-7895-L-PL
R007895R	Meritor	E-7895-R
R007895RBK	Meritor	E-7895-R-BK
R007895RPL	Meritor	E-7895-R-PL
R007896L	Meritor	E-7896-L
R007896LBK	Meritor	E-7896-L-BK
R007896LPL	Meritor	E-7896-L-PL
R007896R	Meritor	E-7896-R
R007896RBK	Meritor	E-7896-R-BK
R007896RPL	Meritor	E-7896-R-PL
R007897L	Meritor	E-7897-L
R007897R	Meritor	E-7897-R
R007898L	Meritor	E-7898-L
R007898R	Meritor	E-7898-R
R00864	Meritor	E-864
R008906	Meritor	E-8906
R008942R	Meritor	E-8942-R
R008946L	Meritor	E-8946-L
R008946R	Meritor	E-8946-R
R008947L	Meritor	E-8947-L
R008947R	Meritor	E-8947-R
R008948L	Meritor	E-8948-L
R008948R	Meritor	E-8948-R
R008949L	Meritor	E-8949-L
R008949R	Meritor	E-8949-R
R008950L	Meritor	E-8950-L
R008950R	Meritor	E-8950-R
R008951L	Meritor	E-8951-L
R008951R	Meritor	E-8951-R
R008952L	Meritor	E-8952-L
R008952R	Meritor	E-8952-R
R008954L	Meritor	E-8954-L
R008954R	Meritor	E-8954-R
R008955L	Meritor	E-8955-L
R008955R	Meritor	E-8955-R
R008957L	Meritor	E-8957-L
R008957R	Meritor	E-8957-R
R008958L	Meritor	E-8958-L
R008958R	Meritor	E-8958-R
R008959L	Meritor	E-8959-L
R008959R	Meritor	E-8959-R
R008960	Meritor	E-8960
R008961	Meritor	E-8961
R008962	Meritor	E-8962

PART NO.	COMPETITOR	EUCLID NO.
R008964	Meritor	E-8964
R008965	Meritor	E-8965
R008966L	Meritor	E-8966-L
R008966R	Meritor	E-8966-R
R008968L	Meritor	E-8968-L
R008968R	Meritor	E-8968-R
R008969L	Meritor	E-8969-L
R008969R	Meritor	E-8969-R
R008972L	Meritor	E-8972-L
R008972R	Meritor	E-8972-R
R008976L	Meritor	E-8976-L
R008976R	Meritor	E-8976-R
R008977L	Meritor	E-8977-L
R008977R	Meritor	E-8977-R
R008978L	Meritor	E-8978-L
R008978R	Meritor	E-8978-R
R008979L	Meritor	E-8979-L
R008979R	Meritor	E-8979-R
R008980	Meritor	E-8980
R008981	Meritor	E-8981
R008982L	Meritor	E-8982-L
R008982R	Meritor	E-8982-R
R008983L	Meritor	E-8983-L
R008983R	Meritor	E-8983-R
R008985L	Meritor	E-8985-L
R008985R	Meritor	E-8985-R
R008986	Meritor	E-8986
R008987	Meritor	E-8987
R008988	Meritor	E-8988
R008990L	Meritor	E-8990-L
R008990R	Meritor	E-8990-R
R008992L	Meritor	E-8992-L
R008992R	Meritor	E-8992-R
R008993L	Meritor	E-8993-L
R008993R	Meritor	E-8993-R
R008994L	Meritor	E-8994-L
R008994R	Meritor	E-8994-R
R008995L	Meritor	E-8995-L
R008995R	Meritor	E-8995-R
R008996L	Meritor	E-8996-L
R008996R	Meritor	E-8996-R
R008997	Meritor	E-8997
R009000L	Meritor	E-9000-L
R009000R	Meritor	E-9000-R
R009001L	Meritor	E-9001-L
R009001R	Meritor	E-9001-R
R009002L	Meritor	E-9002-L

CROSS REFERENCE

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
R009002R	Meritor	E-9002-R
R009003L	Meritor	E-9003-L
R009003R	Meritor	E-9003-R
R009004L	Meritor	E-9004-L
R009004R	Meritor	E-9004-R
R009005L	Meritor	E-9005-L
R009005R	Meritor	E-9005-R
R009008L	Meritor	E-9008-L
R009008R	Meritor	E-9008-R
R009009	Meritor	E-9009
R009010L	Meritor	E-9010-L
R009010R	Meritor	E-9010-R
R009011L	Meritor	E-9011-L
R009011R	Meritor	E-9011-R
R009012L	Meritor	E-9012-L
R009012R	Meritor	E-9012-R
R009020	Meritor	E-9020
R009021	Meritor	E-9021
R009022R	Meritor	E-9022-R
R009023	Meritor	E-9023
R009023G	Meritor	E-9023
R009024	Meritor	E-9024
R009115	Meritor	E-9115
R009136	Meritor	E-9136
R009139	Meritor	E-9139
R009261	Meritor	E-9261
R009262	Meritor	E-9262
R009319	Meritor	E-9319
R009320	Meritor	E-9320
R009524L	Meritor	E-9524-L
R009524R	Meritor	E-9524-R
R009525L	Meritor	E-9525-L
R009525R	Meritor	E-9525-R
R009526	Meritor	E-9526
R009592	Meritor	E-9592
R009602	Meritor	E-9602
R-2138	Eaton	E-2091
R301107	Meritor	E-1107
R301307	Meritor	E-1307
R301600	Meritor	E-1600
R3016517	Meritor	E-16517
R302130	Meritor	E-2130
R302644	Meritor	E-2644
R30702	Meritor	E-702
R30702A	Meritor	E-702A
R309568	Meritor	E-9568
R309569	Meritor	E-9569

PART NO.	COMPETITOR	EUCLID NO.
R309575	Meritor	E-9575
R507000	Meritor	E-2126
R507002	Volvo	E-1887ASHD
R507002BK	Volvo	E-1887ASHD
R507003	Volvo	E-2820
R507003	Meritor	E-2820
R507004	Volvo	E-5139
R507005	Meritor	E-2286
R507008	Volvo	E-3710S
R507008BK	Volvo	E-3710S
R507010	Volvo	E-3710SHD
R507010BK	Volvo	E-3710SHD
R507011	Meritor	E-2121
R507012	Meritor	E-2121HD
R507013	Meritor	KIT5
R507014	Meritor	E-2030HD
R507017	Meritor	E-14539
R507057	Volvo	E-5481A
R507057BK	Volvo	E-5481A
R507061	Volvo	E-8923
R507061	Meritor	E-8923
R507062	Volvo	E-8925
R507062	Meritor	E-8925
R507063	Volvo	E-5515
R507067	Meritor	E-1812
R507068	Meritor	E-2403HD
R507069	Meritor	E-2676
R507070	Meritor	E-2713
R507071	Meritor	E-2740
R507072	Meritor	E-2821
R507073	Meritor	E-3291
R507074	Meritor	E-3373HD
R507075	Meritor	E-3374HD
R507076	Meritor	E-3782
R507077	Meritor	E-3801
R507078	Meritor	E-5306
R507079	Meritor	E-5499
R507080	Meritor	E-7231
R507081	Meritor	E-7237
R507082	Meritor	E-7238
R507083	Meritor	E-9039
R507084	Meritor	E-9048
R507085	Meritor	E-9052
R507086	Meritor	E-9141
R507087	Meritor	E-9142
R507088	Meritor	E-9281
R507090	Meritor	E-9283

PART NO.	COMPETITOR	EUCLID NO.
R507092	Meritor	E-10756
R507093	Meritor	E-10757
R507094	Meritor	E-10760
R507095	Meritor	E-10875
R508000	Volvo	E-2769S
R508000BK	Volvo	E-2769S
R508001	Volvo	E-2769SHD
R508001BK	Volvo	E-2769SHD
R508004	Volvo	E-3484
R508014	Volvo	E-3895S
R508014BK	Volvo	E-3895S
R508015	Volvo	E-3895SHD
R508015BK	Volvo	E-3895SHD
R508029	Volvo	E-3869
R508030	Volvo	E-7899
R508053	Volvo	E-9644
R508824	Volvo	E-9064
R509000	Volvo	E-1816S
R509000BK	Volvo	E-1816S
R509001	Volvo	E-1816SHD
R509001BK	Volvo	E-1816SHD
R509094	Volvo	E-4691
R509095	Volvo	E-6879
R517002	Meritor	E-1582
R517003	Meritor	E-2395
R517005	Meritor	E-1406
R517006K	Meritor	E-2217A
R517506	Meritor	E-2396
R517509	Meritor	E-596A
R517510	Meritor	E-10239
R527001	Meritor	E-1581
R527002	Meritor	E-3227
R537001	Meritor	E-2390
R537003	Meritor	E-1403
R537006	Meritor	E-2029
R547003	Meritor	E-2391
R547004	Meritor	E-2392
R547008	Meritor	E-1893S
R547011	Meritor	E-5305
R547028	Meritor	E-9061
R557001	Meritor	E-2389
R567001	Meritor	E-2785
R567002	Meritor	E-1583
R567003	Meritor	E-1400
R567004	Meritor	E-1402
R567005	Meritor	E-2398
R567006	Meritor	E-1428A

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PART NO.	COMPETITOR	EUCLID NO.
R567009	Meritor	E-5123
R567011	Meritor	E-1025
R567012	Meritor	E-9037
R567013	Meritor	E-9038
R567014	Meritor	E-979
R567015	Meritor	E-2770
R567017	Meritor	E-2475
R567024	Meritor	E-544
R567501	Meritor	E-5122
R567502	Meritor	E-1418
R567503	Meritor	E-10197
R567505	Meritor	E-10198
R567507	Meritor	E-10761
R577001	Meritor	E-2399
R607001	Mack	E-1094
R607002	Mack	E-1095
R607003	Mack	E-1393
R607004	Mack	E-1394
R607005	Mack	E-1410
R607006	Mack	E-1411
R607007	Mack	E-1420
R607008	Mack	E-1421
R607010	Mack	E-1423
R607011	Mack	E-1563
R607012	Mack	E-1564
R607015	Mack	E-1775
R607016	Mack	E-1776
R607019	Mack	E-2100
R607020	Mack	E-2099
R607021	Mack	E-2108
R607022	Mack	E-2107
R607023	Mack	E-2492
R607024	Mack	E-2493
R607025	Mack	E-2694
R607026	Mack	E-2693
R607027	Mack	E-2714A
R607027	Meritor	E-2714A
R607028	Mack	E-2715A
R607028	Meritor	E-2715A
R607029	Mack	E-2786
R607030	Mack	E-2787
R607031	Mack	E-2794
R607032	Mack	E-2795
R607033	Mack	E-2796
R607034	Mack	E-2797
R607035	Mack	E-2799
R607036	Mack	E-2800

PART NO.	COMPETITOR	EUCLID NO.
R607037	Mack	E-3524
R607038	Mack	E-3523
R607039	Mack	E-4712
R607039	Meritor	E-4712
R607040	Mack	E-4713
R607040	Meritor	E-4713
R607041	Mack	E-4716
R607042	Mack	E-4717
R607043	Mack	E-4718
R607044	Mack	E-4719
R607045	Mack	E-4720
R607046	Mack	E-4721
R607047	Mack	E-4722
R607048	Mack	E-4723
R607049	Mack	E-4740
R607050	Mack	E-4741
R607051	Mack	E-690
R607052	Mack	E-691
R607063	Meritor	E-688A
R607064	Meritor	E-689A
R607065	Meritor	E-2448A
R607066	Meritor	E-2447A
R607067	Meritor	E-2452A
R607068	Meritor	E-2451A
R607069	Meritor	E-2450A
R607070	Meritor	E-2449A
R607071	Meritor	E-1773C
R607072	Meritor	E-1774C
R607073	Meritor	E-4708B
R607074	Meritor	E-4709B
R607077	Meritor	E-2700B
R607078	Meritor	E-2701B
R607079	Meritor	E-9690A
R607080	Meritor	E-9689A
R607083	Meritor	E-2412A
R607084	Meritor	E-2413A
R607085	Meritor	E-9688A
R607086	Meritor	E-9687A
R607087	Meritor	E-9692A
R607088	Meritor	E-9691A
R607089	Meritor	E-4710B
R607090	Meritor	E-4711B
R607091	Meritor	E-2478B
R607092	Meritor	E-2479B
R607093	Meritor	E-4715A
R607095	Meritor	E-4706B
R607096	Meritor	E-4707B

PART NO.	COMPETITOR	EUCLID NO.
R607097	Meritor	E-4702B
R607098	Meritor	E-4703B
R607100	Meritor	E-4705B
R607167	Meritor	E-2793
R607168	Meritor	E-2792
R607183	Meritor	E-5526
R607184	Meritor	E-5527
R607203	Meritor	E-9265
R607204	Meritor	E-9266
R607241	Meritor	E-9745
R607242	Meritor	E-9746
R607263	Meritor	E-4890
R607264	Meritor	E-4891
R615000	Meritor	E-2494
R615001	Meritor	E-2526
R615002	Meritor	E-2125
R615003	Meritor	E-2089
R615004	Meritor	E-2696A
R615005	Meritor	E-2090
R615006	Meritor	E-2122
R615007	Meritor	E-2680
R615008	Meritor	E-2287
R615009	Meritor	E-2087
R615010	Meritor	E-2469
R615011	Meritor	E-3353A
R615012	Meritor	E-3354
R615013	Meritor	E-5140
R615014	Meritor	E-5307
R615015	Meritor	E-5501
R615016	Meritor	E-7235
R615018	Meritor	E-9053
R615019	Meritor	E-9790A
R615020	Meritor	E-9791
R615022	Meritor	E-9791HD
R615023	Meritor	E-11450
R615025	Meritor	E-11897
R615025H	Meritor	E-11897H
R615026	Meritor	E-11981
R617001	Meritor	E-661
R617002	Meritor	E-2102
R617003	Meritor	E-759
R617005	Meritor	E-2690A
R617006	Meritor	E-2695
R617007	Meritor	E-1571
R617008	Meritor	E-2517
R617009	Meritor	E-1577A
R617015	Meritor	E-9792A

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Brake and
Wheel End

PART NO.	COMPETITOR	EUCLID NO.
R627002	Meritor	E-1565
R627005	Meritor	E-1782
R627006	Meritor	E-1781
R627008	Meritor	E-1416A
R627009	Meritor	E-1385
R627012	Meritor	E-3234
R627014	Meritor	E-910
R627015	Meritor	E-2405
R627018	Meritor	E-1416
R627022	Meritor	E-602
R627024	Meritor	E-2404
R627025	Meritor	E-2409
R627026	Meritor	E-2717
R627027	Meritor	E-2720
R627028	Meritor	E-2733
R627029	Meritor	E-5127
R627030	Meritor	E-5128
R627031	Meritor	E-5137
R627032	Meritor	E-5138
R627033	Meritor	E-5482
R627034	Meritor	E-9789
R627043	Meritor	E-10800
R627044	Meritor	E-10801
R627048	Meritor	E-1271
R630002	Meritor	E-2103
R630003	Meritor	E-2104
R630005	Meritor	E-2365
R630006	Meritor	E-4586
R630007	Meritor	E-4587
R630008	Meritor	E-4593
R630009	Meritor	E-4594
R630012	Meritor	E-9599
R630014	Meritor	E-4738A
R630017	Meritor	E-3781
R645008	Meritor	E-957
R657001	Meritor	E-807
R657003	Meritor	E-1567
R657005	Meritor	E-667
R670001	Meritor	E-1214
R670002	Meritor	E-1215
R670003	Meritor	E-1216
R670005	Meritor	E-1218
R670006	Meritor	E-1230
R670019	Meritor	E-2162
R670020	Meritor	E-2163
R670022	Meritor	E-2282
R670023	Meritor	E-2552

PART NO.	COMPETITOR	EUCLID NO.
R670024	Meritor	E-2745
R801001	Meritor	E-11395
R801002	Meritor	E-11396
R801003	Meritor	E-11397
R801041	Meritor	E-11398
R801042	Meritor	E-11399
R801070	Meritor	E-11932
R801072	Meritor	E-11400
R801073	Meritor	E-11401
R801074	Meritor	E-11402
R801079	Meritor	E-11404
R801101	Meritor	E-11405
R801102	Meritor	E-11406
R801700	Meritor	E-11432
R802070	Meritor	E-11407
R802071	Meritor	E-11408
R802316	Meritor	E-11409
R802317	Meritor	E-11410
R802332	Meritor	E-11411
R802333	Meritor	E-11412
R802354	Meritor	E-11930
R802355	Meritor	E-11931
R802380	Meritor	E-11413
R802381	Meritor	E-11414
R802444	Meritor	E-11415
R802445	Meritor	E-11416
R802446	Meritor	E-11417
R802447	Meritor	E-11418
R802462	Meritor	E-11419
R802463	Meritor	E-11420
R802486	Meritor	E-11421
R802487	Meritor	E-11422
R802490	Meritor	E-11423
R802491	Meritor	E-11424
R802512	Meritor	E-11403
R802513	Meritor	E-11902
R803010	Meritor	E-11407A
R803011	Meritor	E-11408A
R803031	Meritor	E-11931A
R803048	Meritor	E-11417A
R803049	Meritor	E-11418A
R803050	Meritor	E-11420A
R803051	Meritor	E-11419A
R803052	Meritor	E-11415A
R803053	Meritor	E-11416A
R803054	Meritor	E-11421A
R803055	Meritor	E-11422A

PART NO.	COMPETITOR	EUCLID NO.
R803058	Meritor	E-11403A
R803102	Meritor	E-11397A
R803106	Meritor	E-11399A
R803108	Meritor	E-11404A
R803109	Meritor	E-11400A
R803110B40	Meritor	E-11401A-B40
R803112	Meritor	E-11402A
R803112B40	Meritor	E-11402A-B40
R803114	Meritor	E-11405A
R803116	Meritor	E-11406A
R803195	Meritor	E-11398A
R803195B40	Meritor	E-11398A-B40
R806019	Meritor	E-6944
R806020	Meritor	E-6947
R806946	Meritor	E-15052
R810005	Meritor	E-11944
R810012	Meritor	E11431
R810018	Meritor	E-11428A
R810019	Meritor	E-11430A
R810021	Meritor	E-11900
R810023	Meritor	E-11901
R810024	Meritor	E-11427A
R810025	Meritor	E-11429A
R810327	Meritor	E-427K
R822000	Mack	E-612SBK
R822001	Mack	E-940SBK
R822003	Mack	E-2458SBK
R822007	Mack	E-1574SBK
R822009	Mack	E-4904S
R82204	Mack	E-2459SBK
R823000	Mack	E-612HD
R823001	Mack	E-940HD
R823002	Mack	E-2458HD
R823003	Mack	E-2459HD
R823003	Meritor	E-2459HD
R823008	Mack	E-1574HD
R823008	Meritor	E-1574HD
R824003	Meritor	E-2458S
R824009	Meritor	E-4904S
R825009	Meritor	E-9105
R825020	Meritor	E-9102
R870012S	Meritor	E-BC12S
R870016	Meritor	E-16S
R870016S	Meritor	E-BC16S
R870020	Meritor	E-20S
R870020S	Meritor	E-BC20S
R870024S	Meritor	E-BC24S

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PART NO.	COMPETITOR	EUCLID NO.
R870024SEL	Meritor	E-BC24S-EL
R870030	Meritor	E-30S
R870030S	Meritor	E-BC30S
R870030SEL	Meritor	E-BC30S-EL
R8708890	Meritor	E-8890
R8708891	Meritor	E-8891
R8708892	Meritor	E-8892
R8708894	Meritor	E-8894
R8708895	Meritor	E-8895
R8711888	Meritor	E-11888
R8711889	Meritor	E-11889
R8711989	Meritor	E-11989
R8711990	Meritor	E-11990
R872024C	Meritor	E-BC2024C
R872424C	Meritor	E-BC2424C
R872430C	Meritor	E-BC2430C
R872430CEL	Meritor	E-BC2430C-EL
R873030C	Meritor	E-BC3030C
R873030CEL	Meritor	E-BC3030C-EL
R873030CLBX	Meritor	EBC3030CLBX
R873030PEL	Meritor	E-BC3030P-EL
R873030PKL	Meritor	E-BC3030PK-L
R873030PL	Meritor	E-BC3030P-L
R873036C	Meritor	E-BC3036C
R873636C	Meritor	E-BC3636C
R950126	Meritor	E-1046
RC-1	Sirco	E-3468A
RF-2ARK	Sirco	E-6879
RF-3	Sirco	E-1308Q
RF3A	Sirco	E-1308QMA
RK-1	Sirco	E-3518
RK-2	Sirco	E-3992
RK3	Sirco	E-11974
RM2611R	BWP	E-2700B
RS6	Haldex	E-9130
RS7	Haldex	E-9131
RT1	Haldex	E-11988
RT2	Haldex	E-12743
RTP1	Haldex	E-11991
RTP3	Haldex	E-12747
RV3109S	Meritor	10-9S
S-1797	New Star	E-8892
S-1798	New Star	E-8894
S2000	Sirco	E-8897
S2001	Sirco	E-8896
S2002	Sirco	E-9133
S2006	Sirco	E-15069

PART NO.	COMPETITOR	EUCLID NO.
S2007	Sirco	E-15061
S2010A	Sirco	E-612S
S2012A	Sirco	E-1574S
S2019A	Sirco	E-2459S
S2020A	Sirco	E-940HD
S2022A	Sirco	E-2458S
S2024	Sirco	E-9102
S2025	Sirco	E-2091
S2026	Sirco	E-4904S
S208061L	Hendrickson	E-10899
S208061R	Hendrickson	E-10900
S-21181	Hendrickson	E-9791HD
S21183	Hendrickson	E-2769SHD
S21183	Hendrickson	E-4515QHDN
S-21307	Hendrickson	E-9575
S23752	Hendrickson	E-2769HD
S23752	Hendrickson	E-4515QHDN
S-23857-1L	Hendrickson	E-11864
S-23857-1R	Hendrickson	E-11865
S-23974	Hendrickson	E-11450HD
S-24636-1L	Hendrickson	E-11866
S-24636-1R	Hendrickson	E-11867
S-26348	Hendrickson	E-11897
S266D	Meritor	E-579A
S-30594-10L	Hendrickson	E-17158
S-30594-10R	Hendrickson	E-17159
S-30594-11L	Hendrickson	E-17160
S-30594-11R	Hendrickson	E-17161
S-30594-12L	Hendrickson	E-17162
S-30594-12R	Hendrickson	E-17163
S-30594-13L	Hendrickson	E-17164
S-30594-13R	Hendrickson	E-17165
S-30594-14L	Hendrickson	E-17166
S-30594-14R	Hendrickson	E-17167
S-30594-16L	Hendrickson	E-17168
S-30594-16R	Hendrickson	E-17169
S-30594-18L	Hendrickson	E-17170
S-30594-18R	Hendrickson	E-17171
S-30594-19L	Hendrickson	E-17172
S3059419R	Hendrickson	E-17173
S-30594-1L	Hendrickson	E-17174
S-30594-1R	Hendrickson	E-17175
S-30594-20L	Hendrickson	E-17176
S-30594-20R	Hendrickson	E-17177
S-30594-21L	Hendrickson	E-17178
S-30594-21R	Hendrickson	E-17179
S-30594-22L	Hendrickson	E-17180

PART NO.	COMPETITOR	EUCLID NO.
S-30594-22R	Hendrickson	E-17181
S-30594-23L	Hendrickson	E-17182
S-30594-23R	Hendrickson	E-17183
S-30594-24L	Hendrickson	E-17184
S-30594-24R	Hendrickson	E-17185
S-30594-25L	Hendrickson	E-17186
S-30594-25R	Hendrickson	E-17187
S-30594-26L	Hendrickson	E-17188
S-30594-26R	Hendrickson	E-17189
S-30594-27L	Hendrickson	E-17190
S-30594-27R	Hendrickson	E-17191
S-30594-28L	Hendrickson	E-17192
S-30594-28R	Hendrickson	E-17193
S-30594-29L	Hendrickson	E-17194
S-30594-29R	Hendrickson	E-17195
S-30594-2L	Hendrickson	E-17196
S-30594-2R	Hendrickson	E-17197
S-30594-30L	Hendrickson	E-17198
S-30594-30R	Hendrickson	E-17199
S-30594-31L	Hendrickson	E-17200
S-30594-31R	Hendrickson	E-17201
S-30594-32L	Hendrickson	E-17202
S-30594-32R	Hendrickson	E-17203
S-30594-3L	Hendrickson	E-17204
S-30594-3R	Hendrickson	E-17205
S-30594-4L	Hendrickson	E-17206
S-30594-4R	Hendrickson	E-17207
S-30594-5L	Hendrickson	E-17208
S-30594-5R	Hendrickson	E-17209
S-30594-6L	Hendrickson	E-17210
S-30594-6R	Hendrickson	E-17211
S-30594-7L	Hendrickson	E-17212
S-30594-7R	Hendrickson	E-17213
S-30594-8L	Hendrickson	E-17214
S-30594-8R	Hendrickson	E-17215
S-30594-9L	Hendrickson	E-17216
S-30594-9R	Hendrickson	E-17217
S-30671-1L	Hendrickson	E-17218
S-30671-1R	Hendrickson	E-17219
S-30671-2L	Hendrickson	E-17220
S-30671-2R	Hendrickson	E-17221
S-30671-3L	Hendrickson	E-17222
S-30671-3R	Hercules	E-17223
S-30671-4L	Hendrickson	E-17224
S-30671-4R	Hendrickson	E-17225
S-30671-5L	Hendrickson	E-17226
S-30671-5R	Hendrickson	E-17227

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PART NO.	COMPETITOR	EUCLID NO.
S-31110-10L	Hendrickson	E-17228
S-31110-10R	Hendrickson	E-17229
S-31110-11L	Hendrickson	E-17230
S-31110-11R	Hendrickson	E-17231
S-31110-12L	Hendrickson	E-17232
S-31110-12R	Hendrickson	E-17233
S-31110-13L	Hendrickson	E-17234
S-31110-13R	Hendrickson	E-17235
S-31110-14L	Hendrickson	E-17236
S-31110-14R	Hendrickson	E-17237
S-31110-15L	Hendrickson	E-17238
S-31110-15R	Hendrickson	E-17239
S-31110-16L	Hendrickson	E-17260
S-31110-1L	Hendrickson	E-17240
S-31110-1R	Hendrickson	E-17241
S-31110-2L	Hendrickson	E-17242
S-31110-2R	Hendrickson	E-17243
S-31110-30L	Hendrickson	E-17244
S-31110-30R	Hendrickson	E-17245
S-31110-3L	Hendrickson	E-17246
S-31110-3R	Hendrickson	E-17247
S-31110-4L	Hendrickson	E-17248
S-31110-4R	Hendrickson	E-17249
S-31110-5L	Hendrickson	E-17250
S-31110-5R	Hendrickson	E-17251
S-31110-6L	Hendrickson	E-17252
S-31110-6R	Hendrickson	E-17253
S-31110-7L	Hendrickson	E-17254
S-31110-7R	Hendrickson	E-17255
S-31110-8L	Hendrickson	E-17256
S-31110-8R	Hendrickson	E-17257
S-31110-9L	Hendrickson	E-17258
S-31110-9R	Hercules	E-17259
S-5022	New Star	E-8888
S-5023	New Star	E-8889
S-5024	New Star	E-8890
S-5025	New Star	E-8891
S-5028	New Star	E-8895
S-8393	New Star	E-1147C
S-8394	New Star	E-1148C
S-8395	New Star	E-1424A
S-8396	New Star	E-1425A
S843	Meritor	E-773
S-8453	New Star	E-1563
S-8454	New Star	E-9662
S-8455	New Star	E-9661
S-8572	New Star	E-1095

PART NO.	COMPETITOR	EUCLID NO.
S-8573	New Star	E-1094
S-8599	New Star	E-1564
S-9462	New Star	E-8893
S-9512	New Star	E-2442B
S-9513	New Star	E-2441B
S-9514	New Star	E-2446B
S-9515	New Star	E-2445B
S-9516	New Star	E-2444B
S-9517	New Star	E-2443B
S-9518	New Star	E-2100
S-9519	New Star	E-2099
S-9523	New Star	E-940HD
S9642	New Star	E-612HD
S9861	New Star	E-1574HD
S9862	New Star	E-2459HD
S9863	New Star	E-2458HD
S9868	New Star	E-4904S
SA1041	Sirco	E-11398
SA1042	Sirco	E-11399
SA1073	Sirco	E-11401
SA1074	Sirco	E-11402
SA1132	Sirco	E-15016
SA1133	Sirco	E-15017
SA1136	Sirco	E-15020
SA1138	Sirco	E-15022
SA1140	Sirco	E-15024
SA1141	Sirco	E-15025
SA1144	Sirco	E-15028
SA21102	Sirco	E-6992B
SA21103	Sirco	E-6991B
SA21953	Sirco	E-10950B
SA22102	Sirco	E-6994B
SA22103	Sirco	E-6993B
SA22953	Sirco	E-10949B
SA23106	Sirco	E-6995B
SA24100	Sirco	E-6987B
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DECIMAL & MILLIMETER EQUIVALENTS

Brake and
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INCH	INCH	MM
1/64	0.0156	0.397
1/32	0.0313	0.794
3/64	0.0469	1.191
1/16	0.0625	1.587
5/64	0.0781	1.984
3/32	0.0938	2.381
7/64	0.1094	2.778
1/8	0.125	3.175
9/64	0.1406	3.572
5/32	0.1563	3.969
11/64	0.1719	4.366
3/16	0.1875	4.762
13/64	0.2031	5.159
7/32	0.2188	5.556
15/64	0.2344	5.953
1/4	0.25	6.35
17/64	0.2656	6.747
9/32	0.2813	7.144
19/64	0.2969	7.541
5/16	0.3125	7.937
21/64	0.3281	8.334
11/32	0.3438	8.731
23/64	0.3594	9.128
3/8	0.375	9.525
25/64	0.3906	9.922
13/32	0.4063	10.319
27/64	0.4219	10.716
7/16	0.4375	11.113
29/64	0.4531	11.509
15/32	0.4688	11.906
31/64	0.4844	12.303
1/2	0.50	12.70

INCH	INCH	MM
33/64	0.5156	13.097
17/32	0.5313	13.494
35/64	0.5469	13.89
9/16	0.5625	14.287
37/64	0.5781	14.684
19/32	0.5938	15.081
39/64	0.6094	15.478
5/8	0.625	15.875
41/64	0.6406	16.272
21/32	0.6563	16.669
43/64	0.6719	17.065
11/16	0.6875	17.462
45/64	0.7031	17.859
23/32	0.7188	18.265
47/64	0.7344	18.653
3/4	0.75	19.05
49/64	0.7656	19.447
25/32	0.7813	19.884
51/64	0.7969	20.24
13/16	0.8125	20.637
53/64	0.8281	21.034
27/32	0.8438	21.431
55/64	0.8594	21.828
7/8	0.875	22.225
57/64	0.8906	22.622
29/32	0.9063	23.019
59/64	0.9219	23.415
15/16	0.9375	23.812
61/64	0.9531	24.209
31/32	0.9688	24.606
63/64	0.9844	25.003
1	1.00	25.40

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We warrant all new parts for one year from date of shipment to the buyer against defective material or workmanship (but not against damage caused by accident, abuse or improper installation, maintenance or repair) when such parts are used on vehicles the specifications of which have been approved by our Engineering Department.

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