

This Chart is for Engines Only-Not what Kind of Truck Date 6/1/2018
Always make sure to check Flywheel opening size.

#### **Caterpillar**

15.5" Unit

#### **RTLO/RTO Trans**

MU/AN-155698-SB10 Up to 450 hp(1860 ftlb)

MU/AN-155698-12SB10 Up to 600 hp(2050 ftlb)

Over 600 hp call the factory.

#### **FRO Trans**

AN/MU-155698-SB7 Up to 450 hp (1700 ftlb)

AN/MU-155698-12SB7 450-465 hp (1800 ftlb)

AN/MU-155698-7VHD or VHD (same thing) Up to 600 hp (2250 ftlb)

Over 600 hp call the factory.

#### **14" Flat Flywheel units**

They most likely will have stamped steel (127747, 129044, or 129055)
These units are also the most tempermental about Flywheel wear....Meaning you do not want much at all.... period. Buy a New Flywheel!!!!

#### Mechanical Linkage

MU-127747-DSCB 1.75" Spline single disc

MU-129044-DSCB 1.75" Spline 2-Disc

MU-129044-DSSB8 (hd option #1) MU-129044-DSSB12 (hd option #2)

Would use for abusive applications (water truck, Scrap Haulers etc)

MU-129055-DSCB 2" Spline 2 Disc

MU-129055-DSSB8 (hd option #1)
MU-129055-DSSB12 (hd option #2)
Would use for abusive applications (water truck,
Scrap Haulers etc)

Caterpillar Engines were used in trucks before Hydraulic linkages became popular.

#### **Hydraulic Linkage**

SO-127747-DSCB

1.75" Spline single disc

SO-129044-DSSB8

1.75" Spline 2-Disc

SO-129044-DSSB12 (hd option)

Would use for abusive applications (water truck, Scrap Haulers etc)

SO-129055-DSSB8 2" Spline 2-Disc

SO-129055-DSSB12 (hd option)

Would use for abusive applications (water truck, Scrap Haulers etc)

Note \* If your release fork is a roller fork. You must order the part # with a "y" at the end of it.
"Example SO-129055-DSSB8-Y"

This Chart is for Engines Only-Not what Kind of Truck Date 6/1/2018

Always make sure to check Flywheel opening size.

#### **Cummins**

15.5" Units

**Mechanical Linkage** 

#### RTLO/RTO Trans

AN/MU-155698-SB10 Up to 450 hp (1860 ftlb)

AN/MU-155698-12SB10 Up to 600 hp (2050 ftlb)

Over 600 call the factory.

#### **FRO Trans**

AN/MU-155698-SB7 Up to 450 hp (1700 ftlb)

AN/MU-155698-12SB7 450-475 hp (1800 ftlb)

AN/MU-155698-7VHD or VHD (same thing)
Up to 600 hp (2250 ftlb)

Over 600 hp. Call the factory.

#### 14" Flat Flywheel units

They most likely will have stamped steel (127747, 129044, or 129055)
These units are also the most temperamental about Flywheel wear....Meaning you do not want much at all.... period. Buy a New Flywheel!

#### Mechanical Linkage

MU-127747-DSCB

1.75" Spline single disc

MU-129044-DSCB 1.75" Spline 2-Disc

MU-129044-DSSB8 (hd option #1) MU-129044-DSSB12 (hd option #2)

Would use for abusive applications (water truck, Scrap Haulers etc)

MU-129055-DSCB 2" Spline 2 Disc

MU-129055-DSSB8 (hd option #1) MU-129055-DSSB12 (hd option #2) Would use for abusive applications (water truck, Scrap Haulers etc)

#### **Hydraulic Linkage**

Use these units regardless of Transmission Type \$0-155698-SB7 Up to 450 hp (1700 ftlb)

SO-155698-VHD Up to 600 hp (2250 ftlb)

Note\* Some people use the "-H" which come with dual grease fittings, lighter plate load & easy adj. lock so its easier to adj. thru smaller cavity

#### <u>Hydraulic Linkage</u>

SO-127747-DSCB

1.75" Spline single disc

SO-129044-DSSB8

1.75" Spline 2-Disc

**SO-129044-DSSB12** (hd option)

Would use for abusive applications (water truck, Scrap Haulers etc)

SO-129055-DSSB8 2" Spline 2-Disc

SO-129055-DSSB12 (hd option)

Would use for abusive applications (water truck, Scrap Haulers etc)

Note \* If your release fork is a roller fork. You must order the part # with a "y" at the end of it. "Example SO-129055-DSSB8-Y"

This Chart is for Engines Only-Not what Kind of Truck Date 6/1/2018
Always make sure to check Flywheel opening size.

#### **Detroit**

Note\* On 60 Series only turn flywheel 1 time.

#### **Mechanical Linkage**

#### **RTLO/RTO Trans**

AN/MU-155698-SB10 Up to 450 hp (1860 ftlb)

AN/MU-155698-12SB10 Up to 600 hp (2050 ftlb)

#### **FRO Trans**

AN/MU-155698-SB7 Up to 450 hp (1700 ftlb)

AN/MU-155698-12SB7 450-465 hp (1800 ftlb)

AN/MU-155698-7VHD or VHD (same thing) Up to 600 hp (2250 ftlb)

#### **Hydraulic Linkage**

Use these units regardless of Transmission Type

SO-155698-SB7 Up to 450 hp (1700 ftlb)

SO-155698-VHD Up to 600 hp (2250 ftlb)

Note\* Some people use the "-H" which come with dual grease fittings, lighter plate load & easy adj. lock so its easier to adj. thru smaller cavity

This Chart is for Engines Only-Not what Kind of Truck Date 6/1/2018

Always make sure to check Flywheel opening size.

#### **International (Navistar)**

If they are calling about DT 466, 6.9L, 7.3L, 444E engine most likely it's a stamped steel.

Note\* On the DT 466 flywheel must be replaced.

#### Mechanical Linkage

MU-127747-DSCB

1.75" Spline single disc

MU-129044-DSCB

1.75" Spline 2-Disc

MU-129044-DSSB8 (hd option #1)

MU-129044-DSSB12 (hd option #2)

Would use for abusive applications (water truck, Scrap Haulers etc)

MU-129055-DSCB

2" Spline 2 Disc

MU-129055-DSSB8 (hd option #1)

MU-129055-DSSB12 (hd option #2)

Would use for abusive applications (water truck, Scrap Haulers etc)

#### **Hydraulic Linkage**

SO-127747-DSCB

1.75" Spline single disc

SO-129044-DSSB8

1.75" Spline 2-Disc

SO-129044-DSSB12 (hd option)

Would use for abusive applications (water truck, Scrap Haulers etc)

SO-129055-DSSB8

2" Spline 2-Disc

**SO-129055-DSSB12** (hd option)

Would use for abusive applications (water truck, Scrap Haulers etc)

Note \* If your release fork is a roller fork. You must order the part # with a "y" at the end of it.

"Example SO-129055-DSSB8-Y"

#### Mack

#### Mechanical Linkage

AN/MU-155698-SB9

Up to 450 hp (1860 ftlb)

AN/MU-155698-12SB9

Up to 600 hp (2050 ftlb)

#### **Hydraulic Linkage**

SO-155698-SB9

Up to 450 hp (1860 ftlb)

SO-155698-12SB9

Up to 600 hp (2050 ftlb)

This Chart is for Engines Only-Not what Kind of Truck Date 6/1/2018
Always make sure to check Flywheel opening size.

#### **Mercedes (Freightliner DD13/DD15)**

#### **15.5" Units**

#### <u>Mechanical Linkage</u>

AN/MU-155698-4VHD
Up to 450 hp (1860 ftlb)
A lot of people use the SB7 in place of 4VHD
1st choice is the 4VHD

AN/MU-155698-7VHD or VHD (same thing) Up to 600 hp (2250 ftlb)

#### **14" Flat Flywheel units**

#### <u>Mechanical Linkage</u>

MU-127747-DSCB 1.75" Spline single disc

MU-129044-DSCB 1.75" Spline 2-Disc

MU-129044-DSSB8 (hd option #1)
MU-129044-DSSB12 (hd option #2)
Would use for abusive applications (water truck,
Scrap Haulers etc)

MU-129055-DSCB 2" Spline 2 Disc

MU-129055-DSSB8 (hd option #1)
MU-129055-DSSB12 (hd option #2)
Would use for abusive applications (water truck,
Scrap Haulers etc)

#### **Hydraulic Linkage**

SO-155698-4VHD
Up to 450 hp (1860 ftlb)
A lot of people use the SB7 in place of 4VHD
1st choice is the 4VHD

SO-155698-7VHD or VHD (same thing) Up to 600 hp (2250 ftlb)

#### **Hydraulic Linkage**

SO-127747-DSCB 1.75" Spline single disc

\$0-129044-D\$\$B8 1.75" Spline 2-Disc

SO-129044-DSSB12 (hd option)
Would use for abusive applications (water truck,
Scrap Haulers etc)

\$0-129055-D\$\$B8 2" Spline 2-Disc

SO-129055-DSSB12 (hd option)
Would use for abusive applications (water truck,
Scrap Haulers etc)

Note \* If your release fork is a roller fork. You must order the part # with a "y" at the end of it. "Example SO-129055-DSSB8-Y"

This Chart is for Engines Only-Not what Kind of Truck Date 6/1/2018
Always make sure to check Flywheel opening size.

#### **Volvo**

#### **Mechanical Linkage**

AN/MU-155698-SB7 Up to 450 hp (1700 ftlb)

AN/MU-155698-12SB7 450-465 hp (1800 ftlb)

AN/MU-155698-7VHD or VHD (same thing) Up to 600 hp (2250 ftlb)

#### **Hydraulic Linkage**

SO-155698-SB7 Up to 450 hp (1700 ftlb)

SO-155698-VHD Up to 6000 hp (2250 ftlb)



## **CLUTCH APPLICATIONS**



**Super Heavy Duty** 500+ HP

15 1/2"

9 3/4" Bore



AN-155698-6VHD

Reman MU-155698-6VHD

2250 LBS.

AN-155698-7VHD

Reman

MU-155698-7VHD

2250 LBS.

**Super Heavy Duty** 

500+ HP 14-Spline **Soft Pedal** 9 Spring Cover



New AN-155698-6VHD-14

Reman

MU-155698-6VHD-14

2250 LBS.

New

AN-155698-VHD-14

Reman

MU-155698-VHD-14

2250 LBS.

Mack

15 1/2"

9 3/4" Bore

9 Spring Disc

**Soft Pedal** 9 Spring

Cover

Soft Pedal 9 Spring

Cover



New

AN-155698-SB9

Reman

MU-155698-SB9

1860 LBS.

Up to 450 HP

New

AN-155698-12SB9

Reman

MU-155698-12SB9

2050 LBS. 450+ HP

2013 -Present

15 1/2"

9 3/4" Bore

**7 Spring Disc** 

New

AN-155698-4VHD

Reman

MU-155698-4VHD



1997 - Present

15 1/2"

9 3/4" Bore

7 Spring Disc

Soft Pedal 9 Spring Cover

Soft Pedal 9 Spring

Cover

New

Soft Pedal

**9 Spring Cover** 



New AN-155698-SB7

New

Reman MU-155698-SB7 1700 LBS.

Up to 450 HP



New

AN-155698-12SB7

Reman

MU-155698-12SB7

1850 LBS. Up to 450 HP

1992 - Present

15 1/2"

8 9/16" & **Larger Bores** 

10 Spring Disc\*

AN-155698-SB10

Reman

MU-155698-SB10

1850 LBS. Up to 450 HP

New

AN-155698-12SB10

Reman

MU-155698-12SB10

\*Use a 7 Spring disc with

Up to 500 HP

2050 LBS.

Prior to 1992 **Applications** 

15 1/2"

7" Bore

**8 Spring Disc** 

Reman Angle Spring

**6 Spring Cover** or Soft Pedal 9 Spring Cover



AN-155597-DSCB

Reman

MU-155597-DSCB

1400 LBS.



Reman

MU-127597-DSCB

**Angle Spring 6 Spring Cover** 

1400 LBS.



14" Cast Cover

2 Plate

2" Spline

New Soft Pedal 9 Spring Cover Reman Angle Spring **6 Spring Cover** or Soft Pedal 9 Spring Cover

New

AN-145390-DSCB **Soft Pedal Cover** 

Reman

MU-145390-DSCB 1400 LBS.



Reman

**Angle Spring** 



14" Cast Cover 2 Plate

1 3/4" Spline

**9 Spring Cover** Reman **Angle Spring 6 Spring Cover** or Soft Pedal

**9 Spring Cover** 

**Soft Pedal** 



AN-145400-DSCB **Soft Pedal Cover** 

Reman MU-145400-DSCB 1400 LBS.



Reman MU-127400-DSCB

**Angle Spring 6 Spring Cover** 



14" **Stamped Cover Double Disc** 

1 3/4" & 2" **Spline** 



New 2" AN-129055-DSCB Reman 2" MU-129055-DSCB New 1 3/4" AN-129044-DSCB Reman 1 3/4"

MU-129044-DSCB <sub>860 LBS</sub>. MU-129044-DSSB8

New 2" (HD) AN-129055-DSSB8 Reman 2" (HD) MU-129055-DSSB8 New 1 3/4" (HD) AN-129044-DSSB8 Reman 1 3/4" (HD)



14" **Stamped Cover** Single Disc

1 1/2" & 1 3/4" **Spline** 



New 1 3/4" Spline AN-127747-DSCB Reman

MU-127747-DSCB 720 LBS.



New 1 1/2" Spline AN-129710-DSCB Reman MU-129710-DSCB

720 LBS.

Hydraulic Linkages (Self Adjusting) **Stamped** Steel Single Disc



1 3/4" Spline Reman S0-127747-DSCB 720 LBS.



**Hydraulic** Linkages (Self Adjusting)

Stamped Steel **Double** Disc



1 3/4" Spline Reman S0-129044-DSSB8 2" Spline Reman

S0-129055-DSSB8



**Hydraulic** Linkages (Self Adjusting) ANSO-155698-SB7

Reman S0-155698-SB7

1700 LBS

ANSO-155698-SB9

Reman

S0-155698-SB9

1860 LBS



ANSO-155698-12SB9

Reman

S0-155698-12SB9

**2050 LBS** 

ANSO-155698-VHD

Reman

SO-155698-VHD

2050 LBS

**Automated Trans Centrifical** Unit

MU-121000 2"-10 Spline

1750 ft/lb



**Automated Trans ECA** 

**Type** 

MU-122002 2"-14 Spline

1850 ft/lb



430mm Clutch **Volvo I-Shift/ Mack mDrive** 

AN-104461 AT-200-24 **Alignment tool** 



## **Topkick**® C7/3116/3126 CAT **Clutch Options**



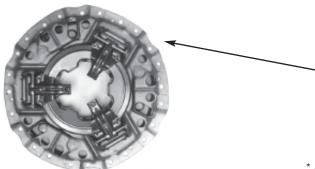
#### 310-mm (12.2")

CA-102038

CD-103121-CB - 1 1/8" Spline CD-103102-CB - 1 1/4" Spline CD-103122-CB - 1 3/8" Spline CD-103100-CB - 1 1/2" Spline

330-mm (13")

CA-102095 CD-101439-TB - 1 3/8" Spline CD-101440-TB - 1 1/2" Spline



#### 350-mm (14")

CA-102101 - Totally round cover CA-102048 (w/ indentions) CD-103075-CB Flat on F/W Side - 1 1/2"  $CD-103126-CB-1 \ 1/2"$  Spline CD-103132-CB - 1 3/4" Spline

\* Angle Ring® is a registered trademark of the DANA Corporation.



#### Valeo<sup>®</sup>

PART NUMBER	Size	Spline	Flywheel
KEV-9001-CB	14"	1 3/4"	Flat



#### Valeo®

#### Caterpillar

KEV-1919-CB

Sold as MU Only — 1 1/2" Spline

#### **KEV-1919-CB options**

1993 - 02 uses short bearing (standard)

2002 - current Need to find out overall length of bearing Long length: 4.76" (add an "A" to the end of part number)

Standard length: 2.83"

Some flywheels may have dowels in them. They do not have to be put back in if they do not fit in the clutch. MU and ANKEV include bearings and alignment tool.

## **Your Masters of Clutch Technology**

Light • Medium • Heavy Duty • Industrial • Agricultural



# **FlyWheels**





## **Flywheels**

	CATERPILLAR	Weight	Pilot	Ring Gear	Gear Dia	. Mounting
1265875	C7/3116/3126 Flat 134 tooth	53	206 / 305	1631387	17"	8 Bolt Holes & 1 Dowel
	Ref.# OR9983, 15975722, 15979722,					
	15028478, 1991255					
2569653	C15, C16, C18, 3406, 3406E Flat 113 tooth	93	306	2569651	20"	12 Bolt Holes
	*2441636					
2W4199	3306 Deep Pot 14" clutch 156 tooth	107				
	*Use 4P4613 and use 15.5" unit					
4P4613	3306 Flat 156 tooth (2W6834, 7C4956)	100	306	7N9146	20"	9 Bolt Holes
4P4797	3406/3406E/C15 Flat 113 tooth	103	306	4N2514	20"	12 Bolt Holes
	(cast# 10R2356, Cat#168003)					
4P8515	C9/ C10 /C11/ C12 /C13 / 3176 Flat 113 tooth (REF# 2569652, 4P8494, 2903280, 7C6371, OR9986, 9Y5708 are all pot style	83	306	4N2514	20"	8 Bolt Holes
	flywheels. Use 4P8515 to convert to flat style.					
9L6392	3208 Flat 134 tooth (use 9Y9311)	54	206 / 305	9L8113	17"	10 Offset Bolt Holes
9Y9311	3208 Flat 134 tooth	56	206 / 305	9L8113	17"	10 Offset Bolt Holes
9Y9313	3208 Tower 134 tooth	60	205 (2")	9L8113	17"	10 Offset Bolt Holes

	CUMMINS	Weight	Pilot	Ring Gear	Gear Dia.	Mounting
135597L	N14 / NT855 10" Bore-For Valeo	97	306	4851	20"	6 Bolt Holes & 2 Threaded
	Changeover 118Tooth					
3016495	NT855 Pot 103 Tooth	104	306	4797	17"	6 Bolt Holes & 2 Threaded
	*BM66339, 3005145					
3021660	N14 / NT855 Flat 103 tooth	100	306	4797	17"	6 Bolt Holes & 2 Threaded
	*129594 use 3071535					
3039230	M11 Flat 103 tooth	71		4797	17"	
3042787	L10 / M11 Pot 103 tooth	82	306	4797	17"	8 Bolt Holes & 2 Threaded
	*3027546, 3042786					
3071535	N14 / NT855 Flat 103 tooth	94	306	4797	17"	6 Bolt Holes & 2 Threaded
	*3609903, 3609890, 3071536					
3071615	L10 / M11 Flat 103 tooth Ref# 3328688,	71	306	4797	17"	8 Bolt Holes & 2 Threaded
	3328689, 3039230, *3071614, 3899201					
3680922	ISX Signature 600 Flat 113 tooth	81	306	3680913	20"	12 Bolt Holes
	*3680921 makes 2 numbers- 113 tooth is 3680922					
	if it is 118 tooth it is 3102508.					
	*3680348					

## **Flywheels**

**PLEASE NOTE:** The 5.9 & 8.3 have the same casting #'s. You MUST verify ring gear thickness, location and tooth count.

	CUMMINS con't.	Weight	Pilot F	Ring Gear	Gear Dia.	Mounting
3906807	8.3L C-Series Flat 173 tooth Ring Gear sits .275" off of clutch face.	60	206 / 305	3903309	.540 THICK 17"	8 Bolt Holes
3912913	8.3L C-Series Flat 138 tooth 6206/6305	60	206 / 305	3908546	.610 THICK	8 Bolt Holes
	Ring Gear sits .250" off of clutch face.				17"	
3914432	3.9L & 5.9L B Series Flat	58				
3921263	5.9L B Series Flat 173 tooth Ring gear sits .100" off of clutch face. Has relief cut on back. 13" & 14" pattern. The only difference in 3921263 & 3906807 is the position on the flywheel. *3921264,4933458,3901395,3900269	60	206 / 305	3903309	.540 THICK	8 Bolt Holes
3922645	8.3L C Series Flat 138 tooth (Ref.# 3922644) This flywheel has very thick ring gear, that is it's chara		206 / 305	3902127	.875 THICK	8 Bolt Holes
3946387	5.9L B Series Dodge w/12.25 or 13" clutch (*3922644) 1521522	60				
3974147	8.3 Flat SAE2 13" & 14" Clutch (3977281)  Has relief cut on backside, ring gear is .100 off of clutch	ch face		3796903	.560 THICK	8 Bolt Holes
	DETROIT DIESEL	Weigh	nt Pilo	t Ring Gear	Gear Dia.	Mounting
8922126	8.2L FLAT 138 tooth 70'S & 80'S Ford Medium [ Ref# 8922128, 8920432	Outy 65	205	5116302	17"	8 Bolt Holes
23507442	60 Series Flat 118 tooth 8" bore (use 23509709)	97	306	5166664	20"	12 Bolt Holes
23507975	60 Series Flat 118 tooth-Valeo 17" clutch	96				
23509709	60 Series Flat 118 tooth 10" bore (Ref# 5100534, 5101799)	94	306	5166664	20"	12 Bolt Holes
23514177	60 Series Flat 118 tooth 10" bore (lighter design *23511177	) 89	306	5166664	20"	12 Bolt Holes
4720300005	DD-15 Flat	90		40303203	305 12	Bolt Holes & 1 Dowe
	FORD/STERLING	Weight	Pilot	Ring Gear	Gear Dia.	Mounting
E5TZ6375J	361 to 429 Gas Eng. 11-12, & 13" Clutch 180 too (D9TE6380BB)	th 50				
E7HZ6375A	6.6L / 7.8L Diesel Flat 138 tooth	71	206 / 305	E6HZ6384	A 17"	8 Bolt Holes
E5TZ6375 G	6 Cyl. Gas 13" 180 tooth	45				
	GMC / CHEVROLET	Weight	Pilot	Ring Gear	Gear Dia.	Mounting
	CIVIC / CITEVITOLLI	g				
3986183	V-8 Gas Flat 13" Clutch 197 tooth	48				
3986183 12552486	•					

## **Flywheels**

	MACK	Weight	Pilot	Ring Gear	Gear Dia.	Mounting
530GB3142	675 / 676 Flat 118 tooth	80	306	673GB222	20"	6 Bolt Holes
	*530GB4402					
530GB3145M	E7 Flat w/timing marks 118 tooth *530GB544AM	81	306	673GB222	20"	6 Bolt Holes & 1 Dowel
530GB3170M	E7 E-Tech Flat 117 tooth 2 notched	81	306	673GB35	20"	6 Bolt Holes & 1 Dowel
	*530GB544AM					
530GB4380P2	675 Pot Design 118 tooth	125	306	673GB222	20"	6 Bolt Holes
21514061	MP7 (20790714)					12 Bolt Holes & 1 Dowel
21514067	MP8					14 Bolt Holes & 1 Dowel

	MERCEDES MBE	Weight	Pilot	Ring Gear	Gear Dia. Mounting
9060307005	Flat 146 tooth (9060304105)	63			8 Bolt Holes & 1 Dowel
	14" Clutch				
4600300305	Flat 160 tooth 4600320051 Bearing Spacer.	84			10 Bolt Holes & 1 Dowel
	206 bearing.				

	NAVISTAR INTERNATIONAL	Weight	Pilot	<b>Ring Gear</b>	Gear Dia	a. Mounting
1809144C91	6.9L / 7.3L Flat 137 tooth	46	205	180777C91	17"	9 Bolt Holes
	*1809145C91					
1810855C93	DT466 A-B-C- Flat 138 tooth (1975-1996)	55	205	1815440C1	17"	8 Bolt Holes
	*681905C93					
1818214C91	7.3L / 444E Flat 137 tooth (drilled for 13" & 14	") 46	206 / 305	180777C91	17"	10 Bolt Holes
1821915C91	DT466E Flat 138 tooth (Ref# 1821916C1)	59		1815440C1	17"	12 Bolt Holes

## **PACCAR**

1733593 MX 13-167 tooth

## **VOLVO**

20730056	VED12	Flat 153 tooth	85	306	20711957	19.5"	14 Bolt Holes & 1 Dowel
21514061	D12						12 Bolt Holes & 1 Dowel
21514067	D13						14 Bolt Holes & 1 Dowel
21184666	D13/MP8	I shift					

## **Your Masters of Clutch Technology**

Light • Medium • Heavy Duty • Industrial • Agricultural



## Installation Kits Alignment Tools Pilot Bearings Clutch Brakes



## **INSTALL KITS**

Part#	Original Kit	<u>Description</u>
Mik1	K2468	RTO & RTLO Series
Mik2	Minor Install Kit	Comes with: 105C137, 6306V, 12815, & Clutch Brake
Mik3	K3600	FRO Series
Mik4	K3762	RT Series Severe Duty
Mik5	K3601	Mack FR Series
Mik6	K3599	Mack RT Series
Mik7	K4264	1.75" RT Series
Mik8	K3602	FR Series w/4302315



## **ALIGNMENT TOOLS**

Part#	Size	
AT-150	1 1/2" Shaft	
AT-175	1 3/4" Shaft	
AT-175X1	1 3/4" W/1" Pilot	
AT-200	2" Shaft	
AT-200-14	2" Shaft 14 Spline	

## **CLUTCH BRAKES**

## **HINGED BRAKES**

Part#	<u>Thickness</u>	<u>Size</u>
HB175	.375"	1 3/4"
HB175-440	.440"	1 3/4"
HB175-500	.500"	1 3/4"
HB200	.375"	2"
HB200-440	.440"	2"
HB200-500	.500"	2"
HB200-560	.560"	2"



## **BABCOCK BRAKES**

Part#	<u>Thickness</u>	<u>Size</u>
M175	.375"	1 3/4"
M200	.375"	2"



## **ONE PIECE**

<u>Thickness</u>	<u>Size</u>	
.375"	1 3/4"	
.375"	2"	
	.375"	



## **TORQUE BRAKE**

Part#	<u>Thickness</u>	<u>Size</u>
127740X	.375"	1 3/4"
127760X	.375"	2"



## **CLUTCH BRAKES**

## **2 PIECE W/SET PINS**

Part#	<b>Thickness</b>	<u>Size</u>
-------	------------------	-------------

127200X .375" 2"



## **BRAKE SPACER**

Part#	<u>Thickness</u>	<u>Size</u>
125C-40	.125"	1 3/4"
125C-41	125"	2"

Cutting procedure marked for installing after trans is installed.



## **HINGED W/SET SCREW**

Part#	<u>Thickness</u>	<u>Size</u>
HB200-S	.375"	2"



## **MULTI PIECE HINGED**

Part#	<u>Thickness</u>	<u>Size</u>
AHB175	.375"	1 3/4"
AHB200	.375"	2"
AHB200-440	.440"	2"
AHB200-500	.500"	2"



## **PILOT BEARINGS**

#### Part#

6203 6204 6205

6205-SR W/Snap Ring

6206

6206-V W/Viton Seal

6306-V W/Viton Seal 6306-SR W/Snap Ring

6306-SRV W/Snap Ring & Viton

6307

6306



## **GREASE HOSE**

Part# Length

GH8 8" GH12 12"



## **DUST COVERS**

DC-1 Dust cover & Grommet

DC-2 Grommet only



## **MISCELLANEOUS PARTS**

T-0670 Alignment Tool



Drive lug 274C-6

Drive lug (Mack) 274C-28 w/nut



A230 Adjusting gear w/lock plate 125489

Push & Turn (125300)



105C-137 Release Yoke

12815 **Bushing** 6.50" 106C-1498 106C-1185 5.76" 106C-1094 8.47" 106C-1047 9.46"



Chisel Guide CG-1



## **TOOLING**



### Allows a tech to check a clutch anywhere - even in the truck!

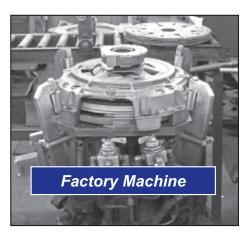


Released Position 1" - 1 1/8"



Engaged Position 1/2" - 9/16"

**CAT1** does much of what the factory machine does to check, and properly adjust, a clutch.



Get on-site adjusting capability that, until now, was available only in factory shops.

Accurately measure released and engaged positions for easy clutch adjustment.

CAT1 is the affordable shop tool that makes you more productive!

## Flywheel Gauge

It measures from the wear surface down the crank bolts. The crank bolts must be used with this gauge. There must be a clearance between this gauge, if not the flywheel bolts, when reinstalled will make contact with the Disc.

Also has the step on the 15.5" seat ring to be used as a guide. It must fit within this notch or the seat will hold the cover up off of the flywheel.





### **Grease Tool**

This tool greases the brass sleeve bushings in the picture. Only takes 2 pumps of grease.







## **Your Masters of Clutch Technology**

Light • Medium • Heavy Duty • Industrial • Agricultural



## **Clutch Catalog**



## MID-AMERICA CLUTCH IDENTIFICATION CATALOG

CONTENTS	PAGE
CLUTCHES	
11" PUSH TYPE	24
12" PUSH TYPE	25
13" PUSH & PULL TYPES	27-30
14" PUSH & PULL TYPES	31-34
15" PUSH TYPE	35
16 <sup>1</sup> /2" & 17 <sup>1</sup> /2" PUSH TYPE	36
17" PULL TYPE	36
FOREIGN-MADE TRUCKS	37-38
TOOLING	
CLUTCH ADJUSTING TOOL	20

#### **Catalog Codes**

BHC — BOLT HOLE CIRCLE

CA — COVER ASSEMBLY

**CB — CERAMIC BUTTONS** 

CD — CLUTCH DISCS

CER — CERAMIC BUTTONS

DAM — DAMPENED DISC

FE — FULL CIRCLE FERAMIC FACINGS

FWS — FLYWHEEL SIDE

HD — HEAVY DUTY

MU — MATCH UNIT

MUB — MATCH UNIT WITH (1) PC. BRAKE

N — NEW ASSEMBLY

NS — "NEW SPLINE" KIT

ORG — ORGANIC FACING

PA — PRE-ASSEMBLED

PPS — PRESSURE PLATE SIDE

R — RIGID DISC

SM — SEMI-METALLIC FACINGS

SS — WITH "NEW SPLINE" KIT

DS — DOUBLE SPRING DISC

VBS — VIBRASORB DISC

-37 — UNIT WITH 113C-137 CENTER PLATE

(STRAPPED TO FLYWHEEL ADAPTER RING)

-96 — UNIT WITH 113C-96 CENTER PLATE

(LUG TYPE CENTER PLATE)



#### Borg & Beck

#### Chevrolet & GMC

CA-1483 CD-3348 — 1 1/8" Spline

#### Dodge

CA-1857

CD-4018 - 1" - 23 Teeth



#### Long

#### **Ford**

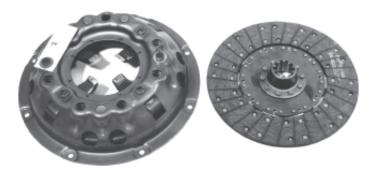
CA-0465 or CA-0674 CD-0845 — 1 1/16" Spline



#### **Rockford**

#### International

CA-5426 CD-5117 — 1 1/4" Spline



#### Borg & Beck

#### Clark — Hyster

CA-1325

CD-1772 - 1 1/8" Spline

CD-1972 — 1 3/8"

CD-1968 - 1 1/2"

The items referred to in this catalog are remanufactured by Mid-America Clutch Co., Inc. Although parts numbers and/or description may correspond to those of original equipment manufacturer and may be registered trademarks, they are shown for identification purposes only, and are not intended to imply otherwise.

Note: this catalog has been compiled and the information verified from data received from many sources, and is correct to the best of our knowledge. We assume no liability for errors which may appear in these listings.



#### Borg & Beck

#### Chevrolet & GMC

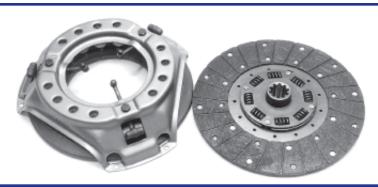
CA-1865 CD-3904 — 1 1/8" Spline CA-1800 (H.D.) CD-3904-TB (H.D.)



#### Long

#### **Ford**

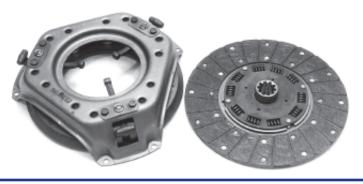
CA-1015 or CA-1016 CD-1227 — 1 1/16" Spline



#### Long

#### **Ford**

CA-0263 — Button Lever CD-0568 — 1 3/8" Spline



#### Long

#### **Ford**

CA-0280 CD-0256 — 1 3/8" Spline



#### Rockford

#### International

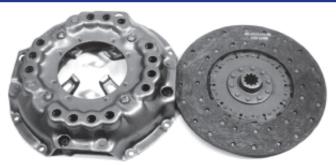
CA-5429 CD-5121 — 1 1/4" Spline



#### Lipe

#### Diamond T - Ford - GMC

120-61-667 120-9-1110 - 1 3/8" Spline or 120-9-135 - 1 1/2" Spline



#### Borg & Beck

#### Hyster

CA-1201

 $CD-2391 - 1 \frac{1}{8}$  Spline  $CD-2043 - 1 \frac{3}{8}$  Spline

CD-1967 — 1 1/2" Spline

## 12" PUSH TYPE - 2 PLATE



#### Borg & Beck - 2 Plate

#### Chevrolet & GMC

MU-1266 PA — Sold As MU Only

Includes: 1 - CA-1266

2 - CD-3368 - 1 1/2" Spline

1 - 307892 C/P

## 13" PUSH TYPE



#### Caterpillar

KEV-1919-CB

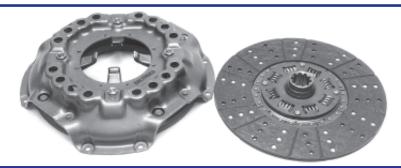
Sold as MU Only − 1 1/2" Spline



1993 - 02 uses short bearing (standard)

2002 - current Need to find out overall length of bearing Long length: 4.76" (add an "A" to the end of part number) Standard length: 2.83"

Some flywheels may have dowels in them. They do not have to be put back in if they do not fit in the clutch. MU and ANKEV include bearings and alignment tool.



#### Borg & Beck

#### Chevrolet & GMC

CA-1239

CD-2824 - 1 1/2" Spline



#### Borg & Beck

#### Chevrolet & GMC

CA-1882 CD-4182-TB — 1 1/2" Spline (shown) or CD-2824-TB 8 (H.D.) CD-2824-TB 12 (H.D.)



#### Long

#### Ford

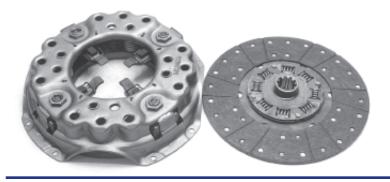
CA-0539 CD-0629 — 1 3/8" Spline CD-0629-TB — (H.D.)



#### **Rockford**

#### International

CA-5435 CD-5210 — 1 1/4" Spline or CD-5210-TB (H.D.) CD-5123 — 1 1/2" Spline CD-5123-TB (H.D.)



#### Lipe

#### Ford & GMC

130-301-1524 
130-9-1019 - 1 3/8" Spline or 130-9-1096 - 1 1/2" Spline



#### Lipe

#### Ford & GMC

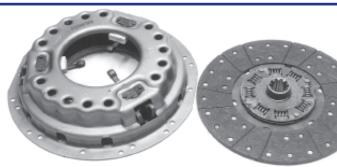
130-61-1938 130-9-1803 — 1 3/8" Spline or 130-9-1804 — 1 1/2" Spline 130-9-1903-TB — 1 3/8" Spline or 130-9-1904-TB — 1 1/2" Spline



#### Lipe

#### **GMC**

130-501-928 130-9-1096 — 1 1/2" Spline



#### Lipe

#### Ford & GMC

130-601-1775 130-9-1803 — 1 3/8" Spline or 130-9-1804 — 1 1/2" Spline 130-9-1903-TB — 1 3/8" Spline or 130-9-1904-TB — 1 1/2" Spline





#### Borg & Beck

#### **Various**

CA-1882-D CD-2824-TB — 1 1/2" Spline



#### Lipe

#### Caterpillar Eng. (Various)

MU-2077-137 MU Includes: 330-61-2077 330-9-2078-TB — 1 1/2" Spline

## 13" PUSH TYPE - 2 PLATE



#### Long

#### **Ford**

MU-6104 (Rigid Disc)
MU-1014 (Long) Dampened Disc
MU Includes:
CA-6104
(2) CD-5695 — 1 1/2" Spline

210018 Center Plate Flywheel Depth — 1.477"

### 13" PUSH TYPE - 2 PLATE



#### Long

#### **Ford**

MU-0704 MU Includes: CA-0704

CD-0999 - 1 1/2" Spline FWS CD-1000 — 1 1/2" Spline PPS 200838 Center Plate Flywheel Depth - 1.062"



#### Lipe

MU-130-502-927 (MU-927-608)

MU Includes:

130-502-927

130-9-1134 — 1 1/2" Spline FWS

130-9-1135 — 1 1/2" Spline PPS

C25-65 Center Plate Flywheel Depth - 1.062"



#### Lipe

#### International

MU-130-302-1081 (MU-1081-604)

MU Includes:

130-302-1081 BHC 14.625"

 $130-9-1134 - 1 \frac{1}{2}$ " Spline FWS

130-9-1135 — 1 1/2" Spline PPS

C25-66 Center Plate Flywheel Depth — 1.062"



#### Lipe

#### Chevrolet & GMC

MU-330-32-1936 (MU-1936-134)

MU Includes:

330-32-1936

 $130-9-1134 - 1 \frac{1}{2}$ " Spline FWS  $130-9-1135 - 1 \frac{1}{2}$ " Spline PPS

C25-66 Center Plate

Flywheel Depth - 1.062"



#### Lipe

#### Diamond Reo & White

MU-130-302-1011 (MU-1011-604)

MU Includes:

130-302-1011 BHC 14.500"

 $130-9-1134 - 1 \frac{1}{2}$ " Spline FWS

130-9-1135 — 1 1/2" Spline PPS

C25-66 Center Plate

Flywheel Depth — 1.062"

## 13" PUSH TYPE - 2 PLATE



#### Lipe

#### International

MU-130-302-1140 (MU-1140-604)
MU Includes:
130-302-1140 BHC 14.625"
130-9-1134 — 1 1/2" Spline FWS
130-9-1135 — 1 1/2" Spline PPS
C25-66 Center Plate
Flywheel Depth — 1.062"

## 13" PULL TYPE - 2 PLATE



#### Lipe

#### Caterpillar Eng (Various Makes)

MU-2070-146 — 1 3/4" Spline Sold as MU Only Comes w/ Adapter Ring

## 14" PUSH TYPE



#### **Rockford**

#### International

CA-5424 CD-5139 — 1 1/2" Spline



#### Long

#### **Ford**

 $\begin{array}{l} {\rm CA\text{-}0632} \\ {\rm CD\text{-}1001} \, - \, 1 \, \, 1/2" \, {\rm Spline} \end{array}$ 



#### Lipe

#### Chevrolet - GMC - Ford

MU-140-301-1047 (MU-1047-604) MU Includes: 140-301-1047 140-9-1027 — 1 1/2" Spline



#### Lipe

#### Chevrolet & GMC

MU-140-61-1686 (MU-1686-607) MU Includes: 140-61-1686 140-9-1687-TB8 — 1 1/2" Spline



#### Lipe

#### International

MU-140-301-1086 (MU-1086-604) MU Includes: 140-301-1086 140-9-1027 — 1 1/2" Spline



#### Lipe

#### **Various**

MU-140-301-1107 (MU-1107-604) MU Includes: 140-301-1107 140-9-1028 — 1 3/4" Spline

## 14" PUSH TYPE - 2 PLATE



#### Lipe Mechanical Linkage Only

#### **GMC**

MU-140-62-665 (MU-665-604)
MU Includes:
140-62-665
140-9-099 — 1 3/4" Spline FWS
140-9-100 — 1 3/4" Spline PPS
210756 Center Plate
Flywheel Depth — 1.093"





MU-0588

MU Includes:

CA-0588

 $\begin{array}{lll} \text{CD-1002} & -1 \text{ 1/2" Spline FWS} \\ \text{CD-1003} & -1 \text{ 1/2" Spline PPS} \\ \text{210756 Center Plate} \end{array}$ 

Flywheel Depth — 1.062"



## 14" PUSH TYPE - 2 PLATE



#### Lipe

#### **Ford**

MU-140-302-1072 (MU-1072-604) MU Includes: 140-302-1072 140-9-1081 — 1 1/2" Spline FWS 140-9-1082 — 1 1/2" Spline PPS 210756 Center Plate Flywheel Depth — 1.062"



#### Lipe

#### Ford & White

SAME

MU-140-302-1066 (MU-1066-604) MU-140-302-1067 (MU-1067-604) MU Includes:

140-302-1066 BHC 15.625" 140-9-099 — 1 3/4" Spline FWS 140-9-100 — 1 3/4" Spline PPS 210756 Center Plate Flywheel Depth — 1.093"

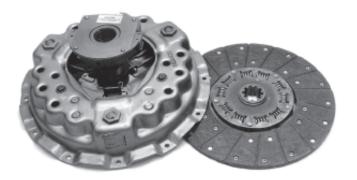


#### Lipe Hydraulic & Cable Only

#### Chevrolet & GMC

MU-140-302-1113 (MU-1113-604) MU Includes: 140-302-1113 140-9-099 — 1 3/4" Spline FWS 140-9-100 — 1 3/4" Spline PPS 210756 Center Plate Flywheel Depth — 1.093"

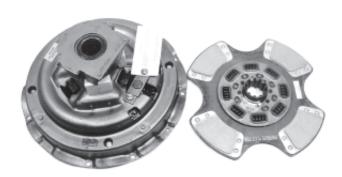
## 14" PULL TYPE - SINGLE PLATE (Stamped Cover — Flat Flywheel)



#### Lipe

#### International

MU-140-601-1681 (MU-1681-604) MU-140-601-1681-TB 8 (MU-1681-618) (H.D.) MU Includes: 140-601-1681 140-9-1004 — 1 3/4" Spline



#### Spicer®

MU-127747 DSCB MU Includes: CA-127747 CD-128125-CB-13/4" Spline MU-129710 DSCB — 1 1/2" Spline Sold as MU Only



#### Borg & Beck

#### **Ford**

MU-77583-85583 MU Includes: CA-77583 CD-85583 — 1 3/4" Spline or CD-85583-TB8



#### Spicer®

CA-127186 CD-8084 — 1 1/2" Spline Flywheel Depth - 1.812"

## 14" PULL TYPE - 2 PLATE (Stamped Cover — Flat Flywheel)



#### Lipe

#### Chevrolet - Ford - GMC - IHC

MU-140-602-1714 (MU-1714-604)

MU-140-602-1714-TB-8 (MU-1714-618) (H.D.)

MU Includes:

140-602-1714

140-9-1003 - 13/4" Spline FWS

140-9-1004 — 1 3/4" Spline PPS

C25-82 Center Plate



#### Spicer®

MU-129044-37-DSCB

MU Includes:

CA-129044

CD-128196 — 1 3/4" Spline FWS

CD-128125 — 1 3/4" Spline PPS

113C-137 (w/ ring) Center Plate



#### Spicer®

MU-129055-37-DSCB — 2" Spline Sold as MU Only



#### Borg & Beck

MU-77563 — 1 3/4" Spline Comes w/ Adapter Ring



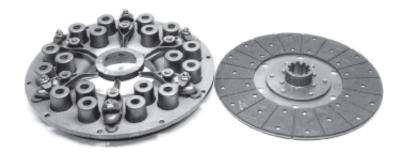
#### **EATON®**

MU-104100 - 13/4" Spline, Single Plate

MU-104200 - 1 3/4" Spline, 2 Plate

Sold as MU Only

<sup>\*</sup> MU-1714 may be used in place of MU-129044 if adapter ring AD-286 (Cat. eng.) or AK-285 (all other) is used.



#### Mack

CA-4106 CD-15200-VBS — 2" Spline or CD-15112 — 1 1/2" Spline or CD-15112-VBS — 1 1/2" Spline Flywheel Depth — 1.594"



#### **Rockford**

Military, etc.

CA-5393 CD-5012 — 1 3/4" Spline Flywheel Depth — 1.750"



#### Mack

MU 4107 MU Includes: CA-4107

(2) CD-14200 — 2" Spline
597HB322B Center Plate
NOTE: (12) 253GC-1243 Shims
must be used when installing this clutch
Flywheel Depth — 2.796"
Also available MU-4107 PTO



#### Long

#### **GMC Bus**

MU-0163

MU Includes: CA-0163

> CD-0413 — 1 3/4" Spline FWS CD-0414 — 1 3/4" Spline PPS 200272 Center Plate

Flywheel Depth — 2.582"



#### Lipe

#### **Euclid**

155-11-377 155-6-434 — 2" Spline Flywheel Depth — 1.781"

## 16 1/2" PUSH TYPE



#### F&S

#### Mack

CA-4138 CD-1616 — 2" Spline Flywheel Depth — 1.670"

## 17" PUSH TYPE



#### Long

#### **GMC**

CA-4247 CD-0239 — 1 3/4" Spline or CD-655 — 1 3/4" Spline (6 teeth)



#### Lipe

#### **Euclid**

170-11-355 170-6-436 — 2" Spline Flywheel Depth — 1.218"

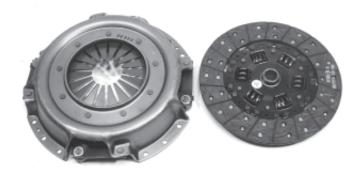
## 17" PULL TYPE



#### F&S

KEV-9008-CB 2" Spline non-adjustable sleeve

## **FOREIGN-MADE TRUCKS — LATE MODEL**



#### **Daikin 10.8**"

#### Various Flat Diaphragm

CA-32232 CD-59103 — 24T x 1" CD-59103 CB — Ceramic



#### **Daikin 11.8**"

#### Various Raised Diaphragm

CA-34461 CD-34460 — 24T x 1" CD-34460-21 — 21T x 1 1/8"

#### Flat Diaphragm — Mitsubishi-Fuso

CA-30670 CD-30570-CB-14T x 36MM

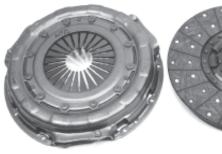


#### **Daikin 12.8**"

#### International, Isuzu, & Mitsubishi

CA-35007 w/ Collar CD-35110 — 16T x 1 5/32" (R/R) CA-30596 w/o Collar

CA-31570 w/o Collar CD-32891 — 10T x 1 1/2"





#### Valeo® 14"

#### Mack

CA-72614 CD-82748 & 82748-CB — 10T x 1 1/2" CD-82750 & 82750-CB — 16T x 1 3/4"



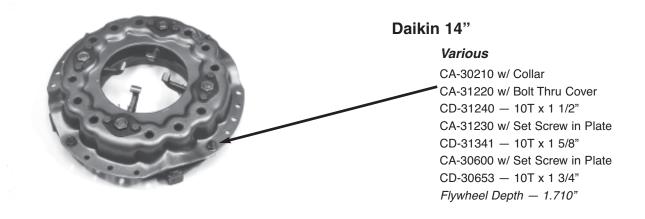


#### Valeo® 15"

#### Mack F/W 1.496"

CA-72615 CD-82615 — 16T x 1 3/4" CD-82615-CB — Ceramic

## **FOREIGN MADE TRUCKS — LATE MODEL**





#### F&S 14"

#### Mercedes

CA-4142 CD-1621 — 10T x 1 3/4"



#### Leyland 14"

CA-152726 CD-152728 — 10T x 1 1/2" Flywheel Depth — 1.498"



#### Daikin 15"

CA-31981 w/ Set Screw in Plate CD-32823 — 10T x 1 3/4" CA-31580 w/ Bolt Thru Cover CD-33540 — 10T x 1 1/2" CA-31980 w/ Collar (shown) CD-32924 — 10T x 1 5/8"

## Mid-America Clutch started in 1980

Since then, it has evolved with technology to remain a state of the art manufacturing facility that delivers clutches and related components nationwide.

As a privately owned company, we have the flexibility to make premium customer service our benchmark. Mid-America Clutch jobbers know that they come first and that we will do whatever we can to make their job easier.





Clutch covers are machined on a CNC for a precise fit.











# Excellence in Clutch Technology, Components & Support

For decades, Mid-America Clutch has been at the technological edge of clutch design and manufacturing. Mid-America clutches are made with premium components to ensure when you open the box you will get ease of installation and reliable, efficient, performance in your customers' powertrain. Mid-America Clutch knows clutches and their applications. We've got the clutch you need!



Mid-America Clutch Company, Inc.

5600 Upper Mount Vernon Rd. Evansville, Indiana

phone: (800) 457-3353 fax: (800) 526-2226

Mid-AmericaClutch.com