



2021 Catalog

Providing innovative weight management solutions that improve the safety, productivity and profitability for professional truck drivers and transport companies for over 20 years.

An aerial photograph of a truck on a road, positioned on the left side of the page. To the right of the road is a vertical ruler with markings, extending from the top to the bottom of the page. The background is a dark, textured surface.

About Right Weigh

Right Weigh was born from the need to have a simple and affordable solution for monitoring load weight. In 1998, Sid Campbell developed Right Weigh's first onboard gauges. As a fleet owner and operator in Alaska, Sid used his gauges on his own trucks and trailers. He recognized that many of his peers were also in search for the same solution. Since then, Right Weigh has become the go-to supplier of onboard load scales.

Right Weigh's gauges are designed and engineered by an experienced team with first-hand industry knowledge so our customers can work efficiently and lawfully. Right Weigh is committed to providing affordable, reliable gauges and excellent customer service. Whether you are an owner/operator, fleet owner, or OEM, Right Weigh gauges can save you time, save you money, and support your safety efforts.

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Why Right Weigh load scales?

Right Weigh, Inc. is the go to supplier that you can trust. In order for our customers to work efficiently and lawfully, our load scales are designed and engineered by an experienced team with first-hand industry knowledge. Our affordable and reliable load scale systems are built in-house from production to shipment. Whether you are an owner/operator, fleet owner or OEM, Right Weigh load scales can save you time, save you money and support your safety efforts.



Save more time

No more detours to commercial ground scales. The days of waiting in line to rework and weigh your loads are over.



Increase profits

Maximize load capacity and save money on commercial scale fees, out-of-route mileage and overweight fines.



Improve safety efforts

Remove the guess work out of driving and maintaining legal weights.

HOW IT WORKS



How it Works

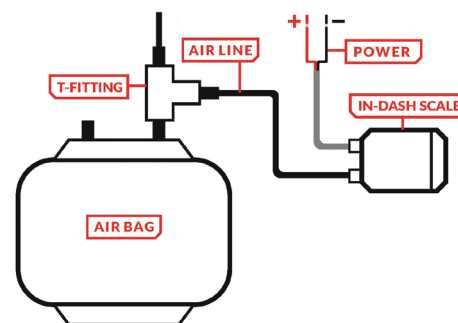
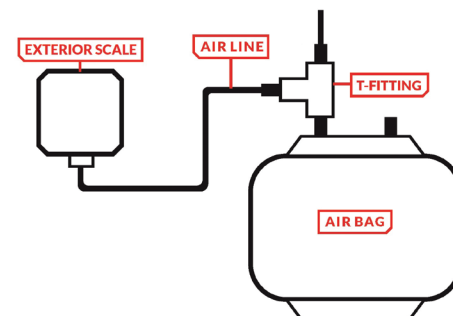
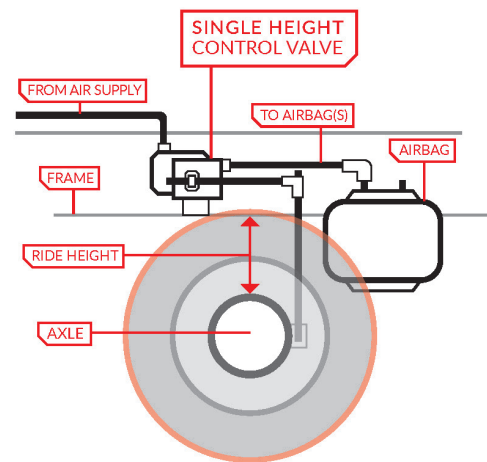
Air Suspension

Our scales work with most air suspension axle groups that use a height control valve. An axle group can consist of one, two, three, or four axles that are all connected together by one or two height control valves.

Height control valves, also called leveling valves, maintain a consistent ride height between the frame of the vehicle and the axles. When weight is applied or removed from the vehicle, the ride height changes. This change triggers the height control valve to increase or decrease the air pressure in the system in order to return the vehicle to the preset ride height.

Installation

Using a basic T-fitting, our scales connect to the vehicle's air suspension system to monitor the air pressure and display it as an accurate on-the-ground axle group weight. The diagrams to the right illustrate our scales installed on an air suspension axle group with one height control valve. For axle groups with two height control valves, two air lines are needed for installation.



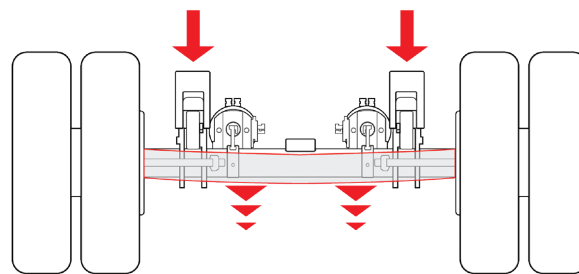
How it Works

Spring Suspension



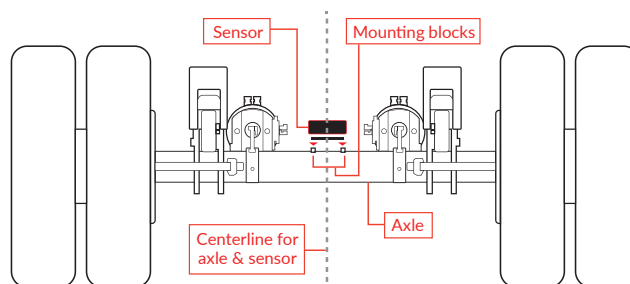
Our spring suspension scales work with most spring suspension trailers and steer axles, as well as select types of drive axle suspensions.

As weight is added to the vehicle, the axles and other suspension components will bend slightly. This bend, or strain force, is measurable and repeatable and can be translated into changes in on-the-ground weight.



Installation

A strain sensor attaches to the axle or axle group to be monitored. On trailer, steer, and other non-driving axles, the sensor is typically placed on the top center of the axle. For drive axles, sensors are positioned offset from center on the axle itself or strategically placed on a load-bearing suspension component such as a walking beam, or single-point trunnion tube.



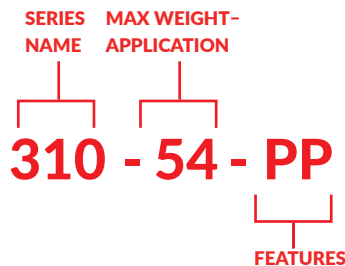
The strain sensor is attached by one of two methods. When attaching to axle tubes, single-point trunnion tubes, fabricated walking beams, or any other fabricated suspension component, welding is the preferred method of attachment. When attaching to a cast iron steer axle or any other cast iron suspension component, using epoxy to attach the sensor is preferred. See the diagram to the right for a basic overview of the strain sensor placement on a typical trailer axle.

Product Numbering System

Right Weigh uses a meaningful product numbering system to help quickly identify the product and features. For gauges, the part number starts with a series name and is followed by type or feature identifiers separated by dashes. Accessory part numbers start with either a 3-digit number for the product series they apply to. For replacement parts and other components, the part number starts with a 2-letter code part type, followed by a 3-digit part sub-type, and ends with a 4-digit number.

Not all combinations are possible, however, for example, we don't make a 202-54-LM, so it is best to use this table if you want to decode a product you already have, a part number that you found in this book, or one that was recommended by a friend.

EXAMPLE



ANALOG GAUGES: (AIR SUSPENSION ONLY)

SERIES NAME

250	2.5" Exterior Analog Liquid-Filled Gauge
310	3.5" Exterior Analog Gauge
400	4" Exterior Analog Liquid-Filled Gauge
510	2" Interior Analog Gauge

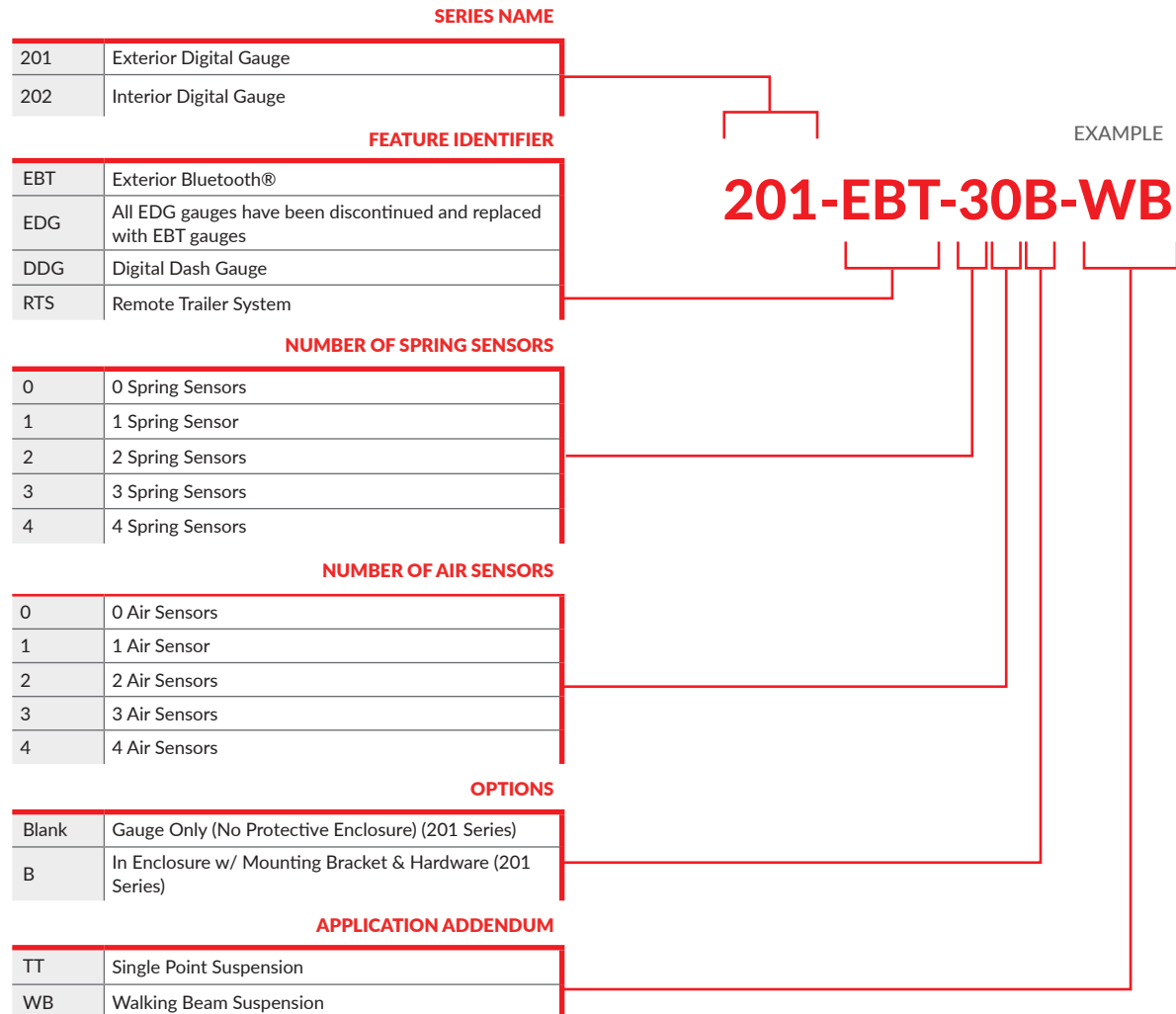
MAX WEIGHT - APPLICATION

30	30,000 LB - For Single Axle Groups Only
46	46,000 LB - For Tandem Axle Groups Only (510 series)
54	54,000 LB - For Tandem Axle Groups Only (400/310/250 Series)
HKANT40K	48,000 LB - For Tandem Axle Groups with Hendrickson VANTRAAX HKANT 40K or ULTRAA-K UTKNT 40K Air Suspension Only
64	64,000 LB - For Tri Axle Groups Only (250 Series)
80	80,000 LB - For Tri Axle Groups Only (310 Series)
16KG	16,000 KG - For Single Axle Groups Only
21KG	21,000 KG - For Tandem Axle Groups Only
25KG	25,000 KG - For Tandem Axle Groups Only (310 / 250 series)
	25,000 KG - For Tri Axle Groups Only (510 series)
30KG	30,000 KG - For Tri Axle Groups Only

FEATURES

GO	Gauge Only (310 Series)
PP	In Enclosure with Push-Pull Valve for Single Height Control Valve Suspension (1 Inlet Port)
M3	In Enclosure with Push-Pull Valve for Dual Height Control Valve Suspension (2 Inlet Ports)
LM	Lower Mount (250 series)
FF	Flange Mount (250 series)
RFB	Rear Flange Gauge in Enclosure Box (400 Series)
RF	Rear Flange Gauge (400 Series)

**DIGITAL GAUGES:
(AIR OR SPRING SUSPENSION)**



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How it Works

Part Number Index

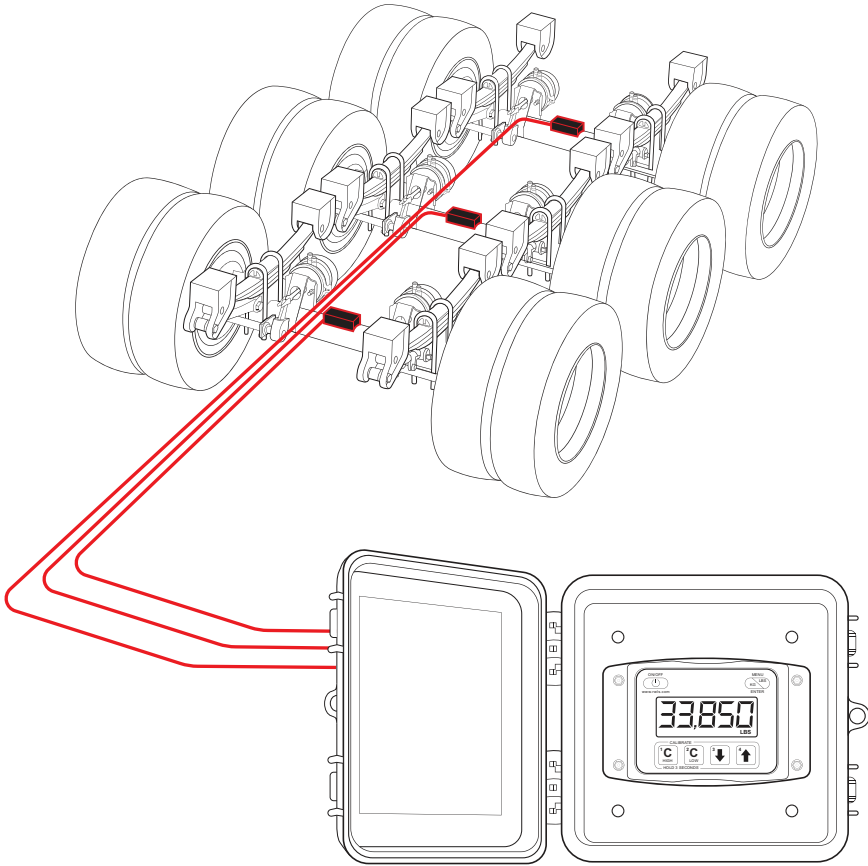
PART NUMBER	OVERVIEW PAGE	DIAGRAM PAGE
101-SK	54	73
102-SK	54	74
201-219-10	See 201-EBT-10B	60
201-219-11	See 201-EBT-11B	60
201-219-12	See 201-EBT-12B	60
201-219-20	See 201-EBT-20B	60
201-219-21	See 201-EBT-21B	60
201-219-22	See 201-EBT-22B	60
201-219-30	See 201-EBT-30B	60
201-219-40	See 201-EBT-40B	60
201-257-01	See 201-RTS-01B	60
201-257-02	See 201-RTS-02B	60
201-BR	39	N/A
201-EBT-01	38	60
201-EBT-01B	38	60
201-EBT-02	39	60
201-EBT-02B	39	60
201-EBT-04B	40	60
201-EBT-10B	43	60,63
201-EBT-11B	42	60,64
201-EBT-12B	42	60-61,64
201-EBT-20B-TT	43	60,63-64
201-EBT-20B	43	60,63
201-EBT-21B	42	60-61,64
201-EBT-22B	42	58,60-61,64
201-EBT-30B	43	60-61,63
201-EBT-30B-WB	43	60,63-64
201-EBT-40B	43	60-61,63
201-RTS-01B	40	60-61, 65, 71
201-RTS-02B	40	60-61, 65, 71
201-SK	55	61
202-BR	45	N/A
202-DDG-01	44	62
202-DDG-02	44	62
202-DDG-03	44	62
202-DDG-04	44	62
211-SK	N/A	See 218-SK

PART NUMBER	OVERVIEW PAGE	DIAGRAM PAGE
218-SK	N/A	63
221-SK	N/A	64
224-SK	N/A	65
250-16KG-FF	46	66
250-16KG-LM	46	66
250-25KG-FF	46	66
250-25KG-LM	46	66
250-30-FF	46	66
250-30-LM	46	66
250-30KG-FF	46	66
250-30KG-LM	46	66
250-54-FF	46	66
250-54-LM	46	66
250-64-FF	46	66
250-64-LM	46	66
250-BR	47	N/A
250-HKANT40K-FF	46	66
250-HKANT40K-LM	46	66
301-QDK	55	67
310-16KG-M3	48	69
310-16KG-PP	48	68
310-25KG-M3	48	69
310-25KG-PP	48	68
310-30-M3	48	69
310-30-PP	48	68
310-30KG-M3	48	69
310-30KG-PP	48	68
310-54-M3	48	69
310-54-PP	48	68
310-80-M3	48	69
310-80-PP	48	68
310-HKANT40K-PP	48	68
310-SCK	49	N/A
400-54-RFB	50	70
510-16KG-B	52	N/A
510-16KG-C	52	N/A
510-25KG-B	52	N/A
510-25KG-C	52	N/A

PART NUMBER	OVERVIEW PAGE	DIAGRAM PAGE
510-30-B	52	N/A
510-30-C	52	N/A
510-30KG-B	52	N/A
510-30KG-C	52	N/A
510-46-B	52	N/A
510-46-C	52	N/A
510-B-BR	53	N/A
510-C-BR	53	N/A
EL-004-0049	See 201-RTS-01B	71
RTSK-01	41	71



Lower Mount
The 250-LM



Example
installation of
a 201 Digital
Gauge on a
spring suspension
trailer

RIGHT WEIGH



APPLICATION CHARTS

KEY



TRACTOR ONLY | ESTIMATED STEER + DRIVE AXLE



TRACTOR-TRAILER | MEASURED STEER + DRIVE + TRAILER



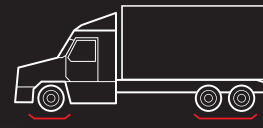
TRACTOR-ONLY | MEASURED STEER + DRIVE AXLE



STRAIGHT TRUCK | DRIVE AXLE



TRAILER ONLY



STRAIGHT TRUCK | STEER + DRIVE AXLE



TRACTOR-TRAILER | ESTIMATED STEER + DRIVE + TRAILER



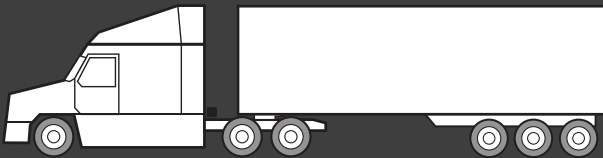
SPRING SUSPENSION



AIR SUSPENSION

Application Charts

Tractor-Trailer Analog Gauges



Analog gauges monitor one air suspension axle group. These gauges are simple, easy to calibrate, and can be mounted on either a truck or trailer. The table on the following page can be used to find the correct gauge for any axle configuration starting with the number of axles in the axle group, specifying if there are one or two height control valves and whether an interior or exterior gauge is desired. Analog gauges work with air suspension axle groups only. For spring suspension applications please see the “Digital Gauge” section on page 16.

Right Weigh Analog Gauges

- » 250 Series: Exterior mount gauge, 2.5” diameter dial face
- » 310 Series: Exterior mount gauge, 3.5” diameter dial face
- » 400 Series: Exterior mount gauge, 4” diameter dial face
- » 510 Series: Interior mount gauge, 2” diameter dial face

To find out more information about each gauge, find the desired part number in the “Part Number Index” starting on page 10.

ANY AIR SUSPENSION AXLE GROUP



NUMBER OF AXLES	NUMBER OF HCV	INTERIOR/ EXTERIOR	GAUGE [LB]	GAUGE [KG]	INSTALLATION KIT(S)	
Single	1	Interior	510-30-B (Black)	510-16KG-B (Black)	101-SK (Trailer axle group: 301-QDK)	
			510-30-C (Chrome)	510-16KG-C (Chrome)		
		Exterior	250-30-LM	250-16KG-LM	101-SK	
			250-30-FF	250-16KG-FF		
		2	Interior	510-30-B (Black) + 919-MINI-M3	510-16KG-B (Black) + 919-MINI-M3	(2) 101-SK (Trailer axle group: (2) 301-QDK)
				510-30-C (Chrome) + 919-MINI-M3	510-16KG-C (Chrome) + 919-MINI-M3	
		Exterior	310-30-M3	310-16KG-M3	(2) 101-SK	
Tandem	1	Interior	510-46-B (Black)	510-21KG-B (Black)	101-SK (Trailer axle group: 301-QDK)	
			510-46-C (Chrome)	510-21KG-C (Chrome)		
		Exterior	250-54-LM	250-25KG-LM		
			250-54-FF	250-25KG-FF		
			250-HKANT40K-LM*	N/A		
			250-HKANT40K-FF*			
			310-54-PP	310-25KG-PP		
			310-HKANT40K-PP*	N/A		
		400-54-RFB				
	2	Interior	510-46-B (Black) + 919-MINI-M3	510-21KG-B (Black) + 919-MINI-M3	(2) 101-SK (Trailer axle group: (2) 301-QDK)	
			510-46-C (Chrome) + 919-MINI-M3	510-21KG-C (Chrome) + 919-MINI-M3		
		Exterior	310-54-M3	310-25KG-M3	(2) 101-SK	
Tri-Axle	1	Interior	N/A	510-25KG-B (Black)	101-SK (Trailer axle group: 301-QDK)	
			N/A	510-25KG-C (Chrome)		
		Exterior	250-64-FF	250-30KG-LM		
			250-64-LM	250-30KG-FF		
		2	Interior	N/A	510-25KG-B (Black) + 919-MINI-M3	(2) 101-SK (Trailer axle group: (2) 301-QDK)
				N/A	510-25KG-C (Chrome) + 919-MINI-M3	
		Exterior	310-80-M3	310-30KG-M3	(2) 101-SK	

*For Tandem Axle Groups with Hendrickson VANTRAAX HKANT 40K or ULTRAA-K UTKNT 40K Air Suspension Only

Application Charts

Tractor-Trailer Digital Gauges

Digital gauges are more versatile, allowing the measurement of multiple axle groups, air and/or spring suspension, and having the capability of estimating the steer axle weight. They give the driver a numerical readout in 20 pound (or 10 kilogram) increments for air suspension and 100 pounds (or 50 kilogram) increments for spring suspension. Exterior gauges come standard with Bluetooth and can be purchased optionally with RS-232 connectivity.

Right Weigh Digital Gauges

- » 201 Series: Exterior gauge for air or spring suspension
- » 202 Series: Interior gauge for air suspension only



To find out more information about each gauge, find the desired part number in the “Part Number Index” starting on page 10.

Tractor Only	17
Trailer Only	20
Dedicated Tractor-Trailer Set	22
<i>Estimated Steer</i>	24
<i>Measured Steer</i>	25
Air Suspension Steer Air Suspension Drive	25
Spring Suspension Steer Air Suspension Drive	26
Spring Suspension Steer Air Suspension Drive	27
<i>Drop & Hook</i>	28

Application Charts

Tractor Only

Right Weigh load scales are valuable for operators, fleets and OEMs.

Steer Axle

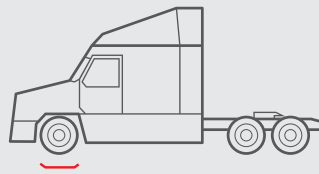
If you want to know the weight of the steer axle, we have two available options: Estimated Steer or Measured Steer. Read below to find out which option is best for you.



Estimated Steer

Estimated Steer is just as it sounds, it gives an estimated readout of your steer axle weight without using a sensor on the steer axle. The way this works is the user inputs calibration data for the steer axle both empty and loaded. The scale associates the entered weights to the pressure or strain measured on the drive axle group at the time of calibration. Based on the data you input and the measurement from the drive axle group, the scale can calculate your steer axle weight. This feature is the best option for tractors with a fixed fifth wheel and is often more accurate than measuring the weight change with an air or strain sensor. This feature will not reliably work for straight trucks or anyone who slides their fifth wheel regularly. If you have a fixed fifth wheel or a slider that never moves, this option is for you.

*Estimated Steer feature is not currently available for tractors with a spring suspension drive axle group.



Measured Steer

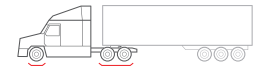
Measured Steer is the best option for drivers that slide their fifth wheel regularly. With this option, air or strain sensors are fitted to the steer axle to measure the change in weight. This works best on steer axles that see a significant weight change from empty to loaded. Erratic/unreliable weight readings can be expected on applications where the steer axle weight changes less than 1000lbs from empty to loaded. If you slide your fifth wheel regularly and see significant weight changes on your steer axle, this option is for you.

ESTIMATED STEER
AIR SUSPENSION DRIVE AXLE GROUP



NUMBER OF HCV ON DRIVE AXLE GROUP	INTERIOR/EXTERIOR	BLUETOOTH-ENABLED	GAUGE	INSTALLATION KIT(S)
1	Interior	No	202-DDG-01	101-SK
	Exterior	Yes	201-EBT-01B	201-SK
2	Interior	No	202-DDG-02	(2) 101-SK
	Exterior	Yes	201-EBT-02B	201-SK + 101-SK

MEASURED STEER
AIR SUSPENSION DRIVE AXLE GROUP



STEER AXLE SUSPENSION TYPE	NUMBER OF HCV ON STEER AXLE (AIR)/ NUMBER OF STEER AXLES (SPRING)	NUMBER OF HCV ON DRIVE AXLE GROUP	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	STEER GAUGE	DRIVE GAUGE	INSTALLATION KIT(S)
Air Suspension	1	1	Interior	No	202-DDG-02		(2) 101-SK
			Exterior	Yes	201-EBT-02B		201-SK + 101-SK
		2	Interior	No	202-DDG-03		(3) 101-SK
			Exterior	Yes	201-EBT-01B	201-EBT-02B	(2) 201-SK + 101-SK
	2	1	Interior	No	202-DDG-03		(3) 101-SK
			Exterior	Yes	201-EBT-02B	201-EBT-01B	(2) 201-SK + 101-SK
		2	Interior	No	202-DDG-04		(4) 101-SK
			Exterior	Yes	201-EBT-02B	201-EBT-02B	(2) 201-SK + (2) 101-SK
Spring Suspension	1	1	Exterior	Yes	201-EBT-11B		Included
		2	Exterior	Yes	201-EBT-12B		
	2	1	Exterior	Yes	201-EBT-21B		
		2	Exterior	Yes	201-EBT-22B		

MEASURED STEER
SPRING SUSPENSION DRIVE AXLE GROUP



NUMBER OF STEER AXLES	DRIVE AXLE SUSPENSION TYPE	INTERIOR/EXTERIOR	BLUETOOTH-ENABLED	GAUGE	INSTALLATION KIT(S)
1	Single Point	Exterior	Yes	201-EBT-20B-TT	Included
	Walking Beam	Exterior	Yes	201-EBT-30B-WB	
2	Single Point	Exterior	Yes	Call for Availability	
	Walking Beam	Exterior	Yes		

Trailer Only

Our scales are versatile; they save time and money for operators and streamline commercial operations, productivity and efficiency.

AIR SUSPENSION TRAILER AXLE GROUP



NUMBER OF HCV	INTERIOR/EXTERIOR	BLUETOOTH-ENABLED	GAUGE	INSTALLATION KIT(S)
1	Exterior	Yes	201-EBT-01B	201-SK
2	Exterior	Yes	201-EBT-02B	201-SK + 101-SK

SPRING SUSPENSION TRAILER AXLE GROUP



NUMBER OF AXLES	INTERIOR/EXTERIOR	BLUETOOTH-ENABLED	GAUGE	INSTALLATION KIT(S)
1	Exterior	Yes	201-EBT-10B	Included
2	Exterior	Yes	201-EBT-20B	Included
3	Exterior	Yes	201-EBT-30B	Included
4	Exterior	Yes	201-EBT-40B	Included

APPLICATION CHARTS

Dedicated Tractor- Trailer Set

We have dealers all over the country that are already familiar with installing our products. Check out our site's dealer locator tool to find a dealer near you.

Steer Axle

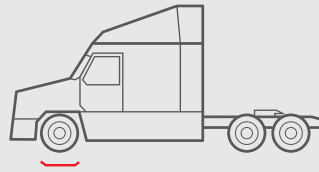
If you want to know the weight of the steer axle, we have two available options: Estimated Steer or Measured Steer. Read below to find out which option is best for you.



Estimated Steer

Estimated Steer is just as it sounds, it gives an estimated readout of your steer axle weight without using a sensor on the steer axle. The way this works is the user inputs calibration data for the steer axle both empty and loaded. The scale associates the entered weights to the pressure or strain measured on the drive axle group at the time of calibration. Based on the data you input and the measurement from the drive axle group, the scale can calculate your steer axle weight. This feature is the best option for tractors with a fixed fifth wheel and is often more accurate than measuring the weight change with an air or strain sensor. This feature will not reliably work for straight trucks or anyone who slides their fifth wheel regularly. If you have a fixed fifth wheel or a slider that never moves, this option is for you.

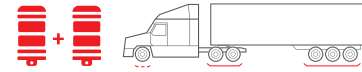
*Estimated Steer feature is not currently available for tractors with a spring suspension drive axle group.



Measured Steer

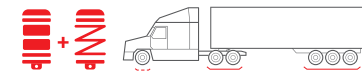
Measured Steer is the best option for drivers that slide their fifth wheel regularly. With this option, air or strain sensors are fitted to the steer axle to measure the change in weight. This works best on steer axles that see a significant weight change from empty to loaded. Erratic/unreliable weight readings can be expected on applications where the steer axle weight changes less than 1000lbs from empty to loaded. If you slide your fifth wheel regularly and see significant weight changes on your steer axle, this option is for you.

ESTIMATED STEER
AIR SUSPENSION DRIVE | AIR SUSPENSION TRAILER



NUMBER OF HCV ON DRIVE AXLE GROUP	NUMBER OF HCV ON TRAILER AXLE GROUP	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)
1	1	Interior	No	202-DDG-02			101-SK + 301-QDK
		Exterior	Yes	201-EBT-02B			201-SK + 301-QDK
	2	Interior	No	202-DDG-03			101-SK + (2) 301-QDK
		Exterior	Yes	201-EBT-01B		201-EBT-02B	(2) 201-SK + 101-SK
2	1	Interior	No	202-DDG-03			(2) 101-SK + 301-QDK
		Exterior	Yes	201-EBT-02B		201-EBT-01B	(2) 201-SK + 101-SK
	2	Interior	No	202-DDG-04			(2) 101-SK + (2) 301-QDK
		Exterior	Yes	201-EBT-02B		201-EBT-02B	(2) 201-SK + (2) 101-SK

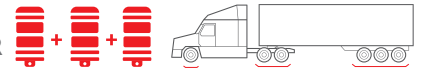
ESTIMATED STEER
AIR SUSPENSION DRIVE | SPRING SUSPENSION TRAILER
(TWO GAUGES REQUIRED)–EXTERIOR GAUGES ONLY



NUMBER OF HCV ON DRIVE AXLE GROUP	NUMBER OF TRAILER AXLES	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)
1	1	Exterior	Yes	201-EBT-01B		201-EBT-10B	201-SK
	2	Exterior	Yes	201-EBT-01B		201-EBT-20B	
	3	Exterior	Yes	201-EBT-01B		201-EBT-30B	
	4	Exterior	Yes	201-EBT-01B		201-EBT-40B	
2	1	Exterior	Yes	201-EBT-02B		201-EBT-10B	201-SK + 101-SK
	2	Exterior	Yes	201-EBT-02B		201-EBT-20B	
	3	Exterior	Yes	201-EBT-02B		201-EBT-30B	
	4	Exterior	Yes	201-EBT-02B		201-EBT-40B	

MEASURED STEER

AIR SUSPENSION STEER | AIR SUSPENSION DRIVE | AIR SUSPENSION TRAILER



NUMBER OF HCV ON STEER AXLE GROUP	NUMBER OF HCV ON DRIVE AXLE GROUP	NUMBER OF HCV ON TRAILER AXLE GROUP	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)	
1	1	1	Interior	No	202-DDG-03			(2) 101-SK + 301-QDK	
			Exterior	Yes	201-EBT-02B		201-EBT-01B	(2) 201-SK + 101-SK	
	2	2	Interior	No	202-DDG-04			(2) 101-SK + (2) 301-QDK	
			Exterior	Yes	201-EBT-02B		201-EBT-02B	(2) 201-SK +(2) 101-SK	
	2	1	1	Interior	No	202-DDG-04			(3) 101-SK + 301-QDK
				Exterior	Yes	201-EBT-01B	201-EBT-02B	201-EBT-01B	(3) 201-SK + 101-SK
		2	Exterior	Yes	201-EBT-01B	201-EBT-02B	201-EBT-02B	(3) 201-SK + (2) 101-SK	
2	1	1	Interior	No	202-DDG-04			(3) 101-SK + 301-QDK	
			Exterior	Yes	201-EBT-02B	201-EBT-01B	201-EBT-01B	(3) 201-SK + 101-SK	
			2	Exterior	Yes	201-EBT-02B	201-EBT-01B	201-EBT-02B	(3) 201-SK + (2) 101-SK
		2	1	Exterior	Yes	201-EBT-02B	201-EBT-02B	201-EBT-01B	(3) 201-SK + (2) 101-SK
		2	Exterior	Yes	201-EBT-02B	201-EBT-02B	201-EBT-02B	(3) 201-SK + (3) 101-SK	

MEASURED STEER

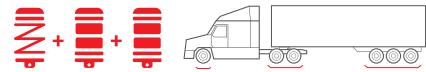
AIR SUSPENSION STEER | AIR SUSPENSION DRIVE | SPRING SUSPENSION TRAILER (MULTIPLE GAUGES REQUIRED)– EXTERIOR GAUGES ONLY



NUMBER OF HCV ON STEER AXLE GROUP	NUMBER OF HCV ON DRIVE AXLE GROUP	NUMBER OF TRAILER AXLES	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)	
1	1	1	Exterior	Yes	201-EBT-02B		201-EBT-10B	201-SK + 101-SK	
		2	Exterior	Yes	201-EBT-02B		201-EBT-20B		
		3	Exterior	Yes	201-EBT-02B		201-EBT-30B		
		4	Exterior	Yes	201-EBT-02B		201-EBT-40B		
	2	1	1	Exterior	Yes	201-EBT-01B	201-EBT-02B	201-EBT-10B	(2) 201-SK + 101-SK
			2	Exterior	Yes	201-EBT-01B	201-EBT-02B	201-EBT-20B	
			3	Exterior	Yes	201-EBT-01B	201-EBT-02B	201-EBT-30B	
			4	Exterior	Yes	201-EBT-01B	201-EBT-02B	201-EBT-40B	
2	1	1	Exterior	Yes	201-EBT-02B	201-EBT-01B	201-EBT-10B	(2) 201-SK + 101-SK	
		2	Exterior	Yes	201-EBT-02B	201-EBT-01B	201-EBT-20B		
		3	Exterior	Yes	201-EBT-02B	201-EBT-01B	201-EBT-30B		
		4	Exterior	Yes	201-EBT-02B	201-EBT-01B	201-EBT-40B		
	2	2	1	Exterior	Yes	201-EBT-02B	201-EBT-02B	201-EBT-10B	(2) 201-SK + (2) 101-SK
			2	Exterior	Yes	201-EBT-02B	201-EBT-02B	201-EBT-20B	
			3	Exterior	Yes	201-EBT-02B	201-EBT-02B	201-EBT-30B	
			4	Exterior	Yes	201-EBT-02B	201-EBT-02B	201-EBT-40B	

MEASURED STEER

**SPRING SUSPENSION STEER | AIR SUSPENSION DRIVE |
AIR SUSPENSION TRAILER
(TWO GAUGES REQUIRED)–EXTERIOR GAUGES ONLY**



NUMBER OF STEER AXLES	NUMBER OF HCV ON DRIVE AXLE GROUP	NUMBER OF HCV ON TRAILER AXLE GROUP	INTERIOR/ EXTERIOR	BLUETOOTH ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)
1	1	1	Exterior	Yes	201-EBT-11B		201-EBT-01B	201-SK
		2	Exterior	Yes	201-EBT-11B		201-EBT-02B	201-SK + 101-SK
	2	1	Exterior	Yes	201-EBT-12B		201-EBT-01B	201-SK
		2	Exterior	Yes	201-EBT-12B		201-EBT-02B	201-SK + 101-SK
2	1	1	Exterior	Yes	201-EBT-21B		201-EBT-01B	201-SK
		2	Exterior	Yes	201-EBT-21B		201-EBT-02B	201-SK + 101-SK
	2	1	Exterior	Yes	201-EBT-22B		201-EBT-01B	201-SK
		2	Exterior	Yes	201-EBT-22B		201-EBT-02B	201-SK + 101-SK

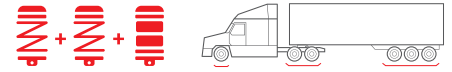
MEASURED STEER

**SPRING SUSPENSION STEER | AIR SUSPENSION DRIVE |
SPRING SUSPENSION TRAILER
(TWO GAUGES REQUIRED)–EXTERIOR GAUGES ONLY**



NUMBER OF STEER AXLES	NUMBER OF HCV ON DRIVE AXLE GROUP	NUMBER OF TRAILER AXLES	INTERIOR/ EXTERIOR	BLUETOOTH ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)
1	1	1	Exterior	Yes	201-EBT-11B		201-EBT-10B	Included
		2	Exterior	Yes	201-EBT-11B		201-EBT-20B	
		3	Exterior	Yes	201-EBT-11B		201-EBT-30B	
		4	Exterior	Yes	201-EBT-11B		201-EBT-40B	
	2	1	Exterior	Yes	201-EBT-12B		201-EBT-10B	
		2	Exterior	Yes	201-EBT-12B		201-EBT-20B	
		3	Exterior	Yes	201-EBT-12B		201-EBT-30B	
		4	Exterior	Yes	201-EBT-12B		201-EBT-40B	
2	1	1	Exterior	Yes	201-EBT-21B		201-EBT-10B	Included
		2	Exterior	Yes	201-EBT-21B		201-EBT-20B	
		3	Exterior	Yes	201-EBT-21B		201-EBT-30B	
		4	Exterior	Yes	201-EBT-21B		201-EBT-40B	
	2	1	Exterior	Yes	201-EBT-22B		201-EBT-10B	
		2	Exterior	Yes	201-EBT-22B		201-EBT-20B	
		3	Exterior	Yes	201-EBT-22B		201-EBT-30B	
		4	Exterior	Yes	201-EBT-22B		201-EBT-40B	

MEASURED STEER
SPRING SUSPENSION STEER | SPRING SUSPENSION DRIVE
| AIR SUSPENSION TRAILER
(TWO GAUGES REQUIRED)—EXTERIOR GAUGES ONLY



NUMBER OF STEER AXLES	DRIVE AXLE SUSPENSION TYPE	NUMBER OF HCV ON TRAILER AXLE GROUP	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)
1	Single Point	1	Exterior	Yes	201-EBT-20B-TT		201-EBT-01B	201-SK
		2	Exterior	Yes	201-EBT-20B-TT		201-EBT-02B	201-SK + 101-SK
	Walking Beam	1	Exterior	Yes	201-EBT-30B-WB		201-EBT-01B	201-SK
		2	Exterior	Yes	201-EBT-30B-WB		201-EBT-02B	201-SK + 101-SK
2	Single Point	1	Exterior	Yes	Call for Availability			
		2	Exterior	Yes				
	Walking Beam	1	Exterior	Yes				
		2	Exterior	Yes				

MEASURED STEER
SPRING SUSPENSION STEER | SPRING SUSPENSION DRIVE
| SPRING SUSPENSION TRAILER
(TWO GAUGES REQUIRED)—EXTERIOR GAUGES ONLY



NUMBER OF STEER AXLES	DRIVE AXLE SUSPENSION TYPE	NUMBER OF TRAILER AXLES	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	STEER GAUGE	DRIVE GAUGE	TRAILER GAUGE	INSTALLATION KIT(S)
1	Single Point	1	Exterior	Yes	201-EBT-20B-TT		201-EBT-10B	Included
		2	Exterior	Yes	201-EBT-20B-TT		201-EBT-20B	
		3	Exterior	Yes	201-EBT-20B-TT		201-EBT-30B	
		4	Exterior	Yes	201-EBT-20B-TT		201-EBT-40B	
	Walking Beam	1	Exterior	Yes	201-EBT-30B-WB		201-EBT-10B	
		2	Exterior	Yes	201-EBT-30B-WB		201-EBT-20B	
		3	Exterior	Yes	201-EBT-30B-WB		201-EBT-30B	
		4	Exterior	Yes	201-EBT-30B-WB		201-EBT-40B	
2	Single Point	1	Exterior	Yes	Call for Availability			
		2	Exterior	Yes				
		3	Exterior	Yes				
		4	Exterior	Yes				
	Walking Beam	1	Exterior	Yes				
		2	Exterior	Yes				
		3	Exterior	Yes				
		4	Exterior	Yes				

Drop & Hook

Right Weigh has two available options for Drop & Hook situations.

Option 1

Install one gauge on each tractor and one gauge on each trailer in the fleet.

This is the required option if your fleet has any of the following:

- » tractors with spring suspension drive axles
- » spring suspension trailers
- » air suspension trailers with two height control valves
- » if the **Measured Steer** option is desired. (For more information on **Measured Steer**, see page 23.)

If any of these apply to you, please refer to the **Tractor Only** and **Trailer Only** sections to select the correct digital gauges for your vehicles.

Option 2

Install one gauge on each tractor to monitor both the truck and the trailer via a remote sensor installed on each trailer.

This is the most economical option for fleets with air suspension tractors and trailers. One gauge is required for each tractor and then only a sensor is affixed to each trailer. The tractor gauge is connected to the trailer sensor with a coiled cable when the driver hooks up. Calibration data for the trailer is stored on the remote sensor itself, allowing the gauge to show an accurate trailer weight when trailers are swapped from truck to truck. This option only works with air suspension drive and trailer axle groups.

An **Estimated Steer** axle weight can be displayed as well, but **Measured Steer** is not available. (For more information on **Estimated Steer** and **Measured Steer**, see page 23.) See the table below for **Option 2** part number applications.

DROP & HOOK

NUMBER OF HCV ON DRIVE AXLE GROUP	NUMBER OF HCV ON TRAILER AXLE GROUP	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	TRACTOR GAUGE	TRACTOR INSTALLATION KIT(S)	TRAILER SENSOR	TRAILER INSTALLATION KIT(S)
1	1	Exterior	Yes	201-RTS-01B	201-SK	RTSK-01	102-SK
2	1	Exterior	Yes	201-RTS-02B	201-SK + 101-SK	RTSK-01	102-SK

Need your gauge installed on new equipment?

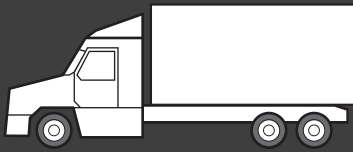
Right Weigh load scales are available as an optional equipment feature on most tractors and trailers. You can request that they be installed during manufacturing or as a pre-delivery option on new equipment. Ask your equipment dealer for more information.

We have working relationships with all the OEM's listed below. If you do not see your OEM in this list, please do not hesitate to contact us for further assistance. We are always willing to work with our customers.

- » Advance Pump & Equipment Inc.
- » Blackstone Trailer Company
- » Champion Carrier Corp.
- » CIMC Reefer Trailer Inc.
- » Dakota Manufacturing Co., Inc.
- » Doonan Specialized Trailer
- » East Manufacturing Co
- » Extreme Trailers
- » Great Dane Trailers
- » Hyundai Translead
- » Knapheide
- » Miller Industries
- » Utility Trailers
- » Landoll Corporation
- » Interstate Manufacturing
- » Mac Trailer Manufacturing
- » Manac
- » Manac Trailers USA, Inc.
- » Pitts (Dorsey) Trailers
- » Plutchak Fab, LLC
- » Reitnouer Trailers
- » Nelson Manufacturing
- » Strick Trailer, LLC
- » Talbert Manufacturing
- » Timpfe, Inc.
- » Tornado Global Hydrovacs Ltd.
- » Trail King
- » Trailstar International
- » Trinity Trailer Mfg., Inc.
- » Vanguard National Trailer Center
- » Vantage Trailers, Inc.
- » Wabash National
- » Western Trailers
- » Whitley Truck Equipment
- » Superior Trailers of Georgia

Application Charts

Straight Truck Analog Gauges



Analog gauges monitor one air suspension axle group. These gauges are simple and easy to calibrate. The table on the following page can be used to find the correct gauge for any axle configuration starting with the number of axles in the axle group, specifying if there are 1 or 2 height control valves, and whether an interior or exterior gauge is desired. Analog scales work with air suspension axles groups only.

For spring suspension applications please see the “Digital Gauge” section on page 32.

Right Weigh Analog Gauges

- » 250 Series: Exterior mount gauge, 2.5” diameter dial face
- » 310 Series: Exterior mount gauge, 3.5” diameter dial face
- » 400 Series: Exterior mount gauge, 4” diameter dial face
- » 510 Series: Interior mount gauge, 2” diameter dial face

To find out more information about each gauge, find the desired part number in the “Part Number Index” starting on page 10.

ANY AIR SUSPENSION AXLE GROUP

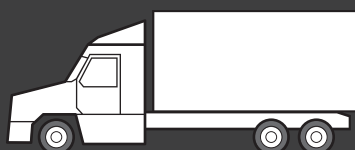


NUMBER OF AXLES	NUMBER OF HCV	INTERIOR/ EXTERIOR	GAUGE [LB]	GAUGE [KG]	INSTALLATION KIT(S)	
Single	1	Interior	510-30-B (Black)	510-16KG-B (Black)	101-SK	
			510-30-C (Chrome)	510-16KG-C (Chrome)		
		Exterior	250-30-LM	250-16KG-LM	101-SK	
	250-30-FF		250-16KG-FF			
	310-30-PP		310-16KG-PP			
	2	Interior	510-30-B (Black) + 919-MINI-M3		510-16KG-B (Black) + 919-MINI-M3	
510-30-C (Chrome) + 919-MINI-M3			510-16KG-C (Chrome) + 919-MINI-M3			
Exterior		310-30-M3	310-16KG-M3	(2) 101-SK		
Tandem	1	Interior	510-46-B (Black)	510-21KG-B (Black)	101-SK	
			510-46-C (Chrome)	510-21KG-C (Chrome)		
		Exterior	250-54-LM	250-25KG-LM	101-SK	
			250-54-FF	250-25KG-FF		
			250-HKANT40K-LM*	N/A		
			250-HKANT40K-FF*			
			310-54-PP	310-25KG-PP		
	310-HKANT40K-PP*	N/A				
	400-54-RFB					
	2	Interior	510-46-B (Black) + 919-MINI-M3		510-21KG-B (Black) + 919-MINI-M3	
			510-46-C (Chrome) + 919-MINI-M3		510-21KG-C (Chrome) + 919-MINI-M3	
Exterior		310-54-M3	310-25KG-M3	(2) 101-SK		
Tri-Axle	1	Interior	N/A	510-25KG-B (Black)	101-SK	
			N/A	510-25KG-C (Chrome)		
		Exterior	250-64-FF	250-30KG-LM	101-SK	
	250-64-LM		250-30KG-FF			
	310-80-PP		310-30KG-PP			
	2	Interior	N/A		510-25KG-B (Black) + 919-MINI-M3	
N/A			510-25KG-C (Chrome) + 919-MINI-M3			
Exterior		310-80-M3	310-30KG-M3	(2) 101-SK		

*For Tandem Axle Groups with Hendrickson VANTRAAX HKANT 40K or ULTRAA-K UTKNT 40K Air Suspension Only

Application Charts

Straight Truck Digital Gauges



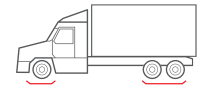
Digital gauges are more versatile allowing the measurement of multiple axle groups, for air and spring suspension applications. They give the driver a numerical readout in 20 pound (or 10 kilogram) increments for air suspension and 100 pounds (or 50 kilogram) increments for spring suspension. Exterior gauges come standard with Bluetooth and can be purchased optionally with RS-232 connectivity.

Right Weigh Digital Gauges

- » 201 Series: Exterior gauge for air or spring suspension
- » 202 Series: Interior gauge for air suspension only

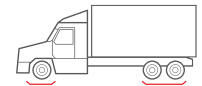
To find out more information about each gauge, find the desired part number in the “Part Number Index” starting on page 10.

AIR SUSPENSION DRIVE AXLE GROUP



STEER AXLE SUSPENSION TYPE	NUMBER OF HCV ON STEER AXLE (AIR)/ NUMBER OF STEER AXLES (SPRING)	NUMBER OF HCV ON DRIVE AXLE GROUP	INTERIOR/ EXTERIOR	BLUETOOTH ENABLED	STEER GAUGE	DRIVE GAUGE	INSTALLATION KIT(S)
Air Suspension	1	1	Interior	No	202-DDG-02		(2) 101-SK
			Exterior	Yes	201-EBT-02B		201-SK + 101-SK
	2	2	Interior	No	202-DDG-03		(3) 101-SK
			Exterior	Yes	201-EBT-01B	201-EBT-02B	(2) 201-SK + 101-SK
		1	Interior	No	202-DDG-03		(3) 101-SK
			Exterior	Yes	201-EBT-02B	201-EBT-01B	(2) 201-SK + 101-SK
		2	Interior	No	202-DDG-04		(4) 101-SK
			Exterior	Yes	201-EBT-02B	201-EBT-02B	(2) 201-SK + (2) 101-SK
Spring Suspension	1	1	Exterior	Yes	201-EBT-11B		Included
		2	Exterior	Yes	201-EBT-12B		Included
	2	1	Exterior	Yes	201-EBT-21B		Included
		2	Exterior	Yes	201-EBT-22B		Included

SPRING SUSPENSION DRIVE AXLE GROUP



NUMBER OF STEER AXLES	DRIVE AXLE SUSPENSION TYPE	INTERIOR/ EXTERIOR	BLUETOOTH-ENABLED	GAUGE	INSTALLATION KIT(S)
1	Single Point	Exterior	Yes	201-EBT-20B-TT	Included
	Walking Beam	Exterior	Yes	201-EBT-30B-WB	Included
2	Single Point	Exterior	Yes	Call for Availability	
	Walking Beam	Exterior	Yes		

RIGHT WEIGH



PRODUCTS



Here at Right Weigh we got our start by offering weight gauges specifically for tractors and trailers with air suspension. Since then we have expanded our product line many times over. In addition to our air suspension tractor-trailer gauges, we also have products for straight trucks with air suspension, trailers with leaf spring suspension, tractors or straight trucks with walking-beam suspension, tractors or straight trucks with Mack Camelback suspension, and twin steer trucks with air suspension drive axles.

As Right Weigh continues to grow, we will continue to provide reliable products at the most affordable pricing in the industry. As our number one priority, we will always provide the highest quality customer service.

Exterior Digital Gauges **201 Series**

The 201 series is a digital load scale designed to mount to the exterior of any tractor, trailer, or straight truck. Models are available for both air and spring suspension applications with Bluetooth standard and optional RS-232 data connectivity. Use in conjunction with the free Right Weigh Load Scales App to display weights on your smartphone or tablet. RS-232 connectivity allows weight data to be sent to onboard telematics systems.



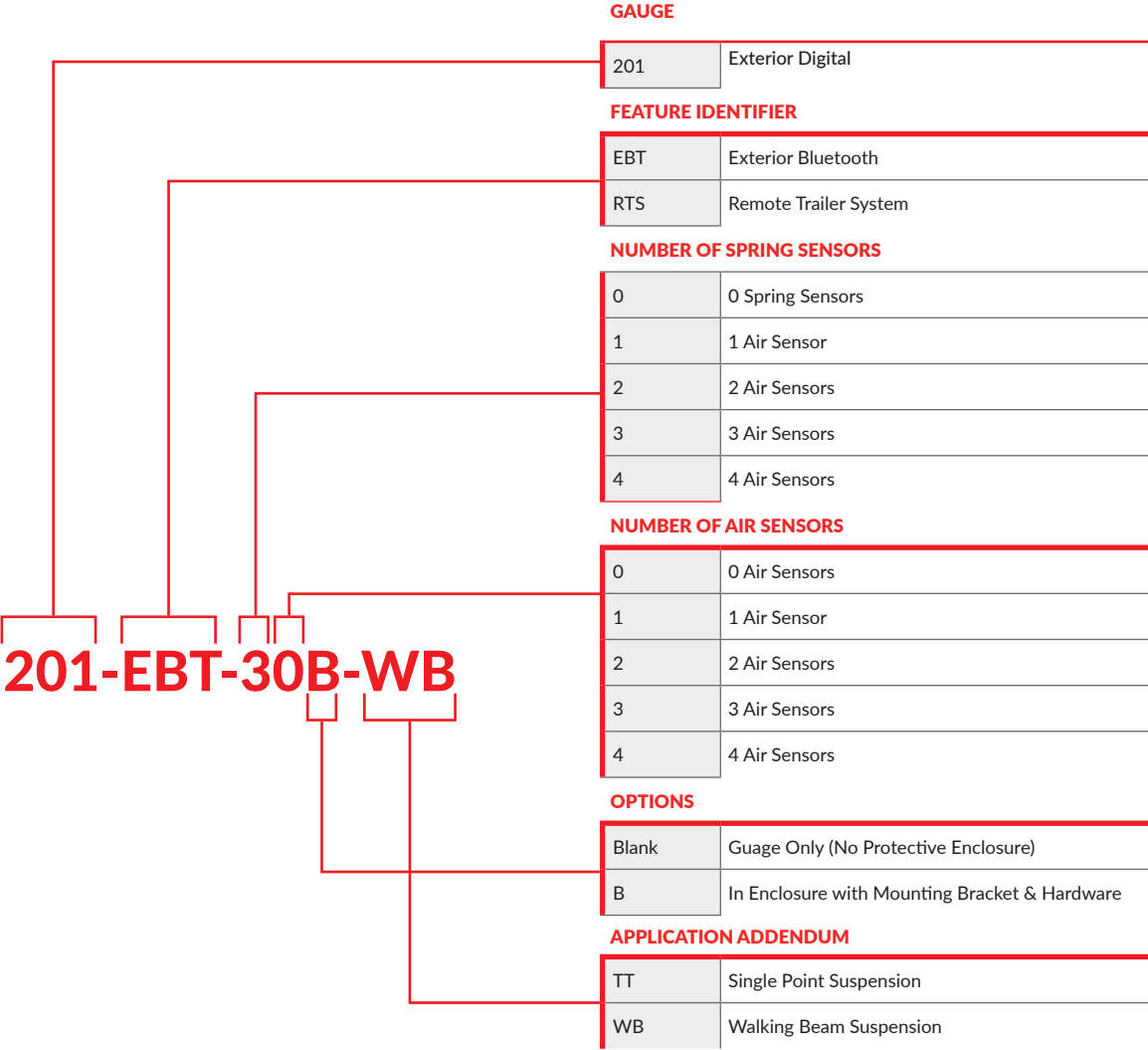
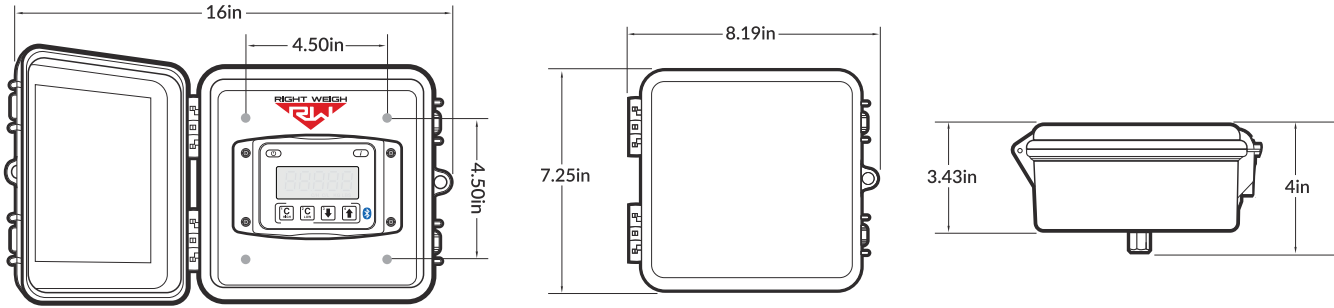
Features

- » On-the-ground axle group weight shown in pounds or kilograms on an easy to read LCD display
- » Simple two-point (empty & loaded) calibration process makes it more accurate than a standard analog gauge
- » Estimated Steer axle weight calculated from air suspension drive axle group
- » Calibration can be PIN code protected
- » Overweight warning feature
- » Optional RS-232 connectivity allows communication with on-board telematics devices
- » Bluetooth-Enabled to display your weights on your Android or iOS device in real time, download our free app on Google Play and the App Store

TECHINCAL SPECIFICATIONS

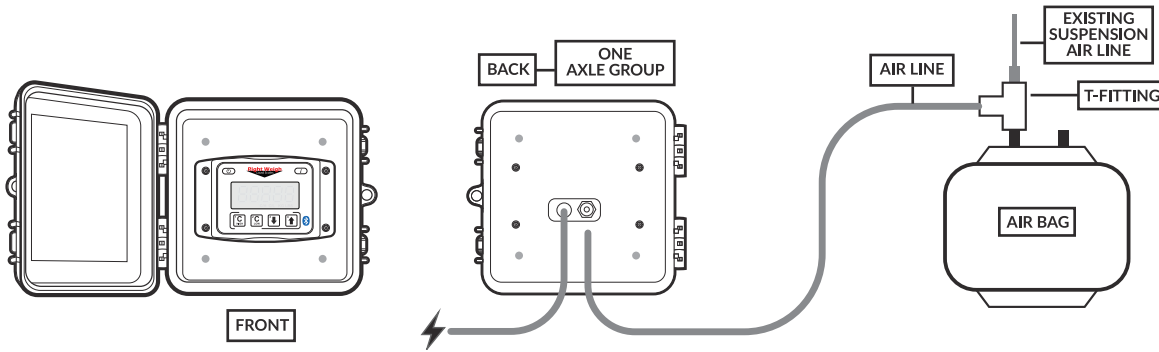
Operating Temp.	-30° C to 85° C -22°F to 185°F
Storage Temp.	-40° C to 85° C -40°F to 185°F
Power	9 VDC to 32 VDC (Switched)
Available Units	Kilograms (KG), Pounds (LB)
Housing	High Impact Polycarbonate Blend
Enclosure	Black Polypropylene
Display	0.8" LCD Sunlight Readable

Product Identification

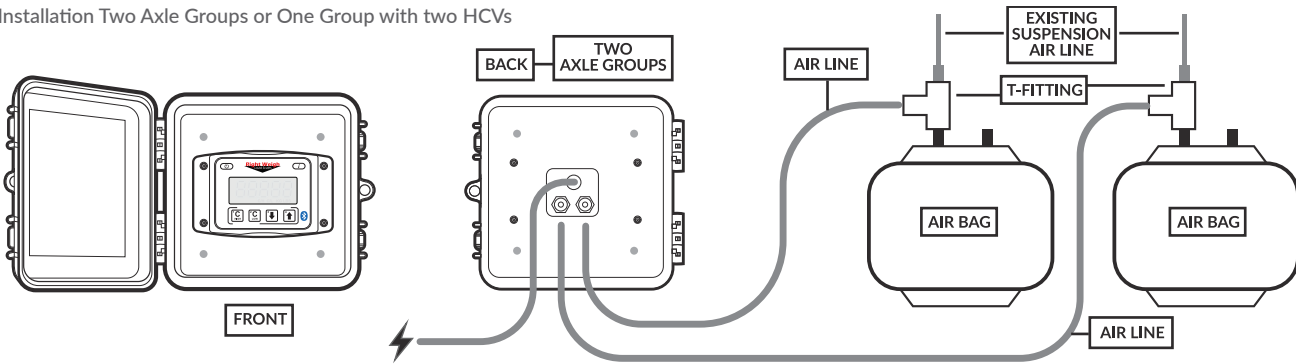


Air Suspension Tractor-Trailer

Installation One Axle Group



Installation Two Axle Groups or One Group with two HCVs



ONE AXLE GROUP

These gauges are designed for monitoring any air suspension axle group with one height control valve. Available with or without a weather-resistant enclosure.

- » Estimated Steer axle weight calculated from air suspension drive axle group
- » Up to four sets of calibration data can be stored for axle groups that have multiple operating configurations
- » Bluetooth and RS-232 connectivity



PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE
201-EBT-01*	Yes	Yes	No
201-EBT-01B	Yes	Yes	Yes

* These units should be mounted inside a tool box or other protective enclosure

i Recommended Installation Kit(s):
 » 201-SK

TWO AXLE GROUPS OR ONE GROUP WITH TWO HCVS

These gauges are designed for monitoring one axle group with two height control valves (HCV's), or two axle groups with one HCV each. Available with or without a weather-resistant enclosure.

» Estimated Steer axle weight calculated from air suspension drive axle group

- » Can be used on dedicated tractor-trailer sets with one HCV on the drive and one on the trailer
- » Up to four sets of calibration data can be stored for axle groups that have multiple operating configurations
- » Bluetooth and RS-232 connectivity



PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE
201-EBT-02*	Yes	Yes	No
201-EBT-02B	Yes	Yes	Yes

* These units should be mounted inside a tool box or other protective enclosure

Recommended Installation Kit(s):

» 201-SK + 101-SK

For applications with two separate axle groups on the same vehicle or one axle group with two HCVs.

» 201-SK + 301-QDK

For applications with two axle groups on separate vehicles, such as when monitoring both the tractor drive axle group and trailer axle group in a dedicated tractor-trailer set.

201 BRACKET

Optional mounting bracket for interior mounting of the 201 series gauges. Includes all necessary mounting hardware. Gauge and bracket are sold separately. Compatible only with 201 air suspension scales with one or two air sensors.



PART NO.	COMPATIBLE WITH
201-BR	201-EBT-01 201-EBT-02

VOLVO ADAPTIVE LOADING

This product was specifically designed for Volvo tractors with 6x2 Adaptive Loading suspension. It has four separate air sensors to monitor the weight supported by each of the drive axle suspension air bags.

- » Estimated Steer axle weight calculated from air suspension drive axle group
- » Bluetooth-Enabled. Used with app to display weight on your smart phone or tablet
- » RS-232 connectivity allows data to be sent to onboard telematics systems

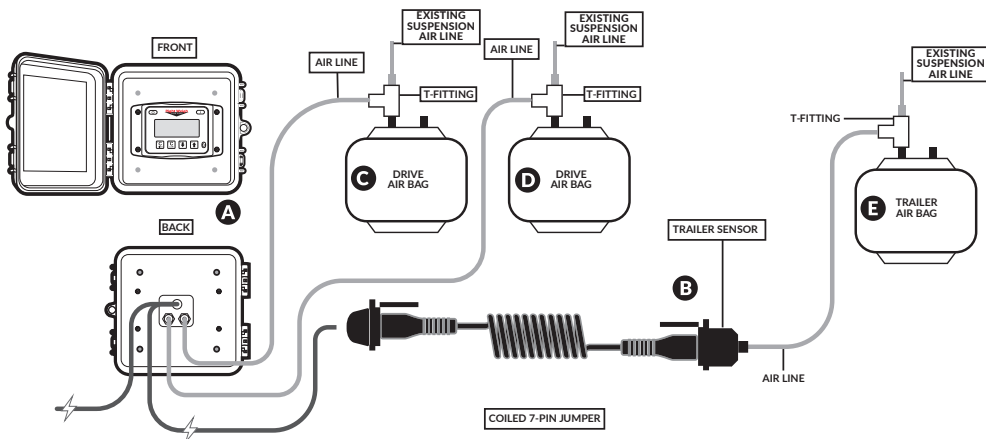
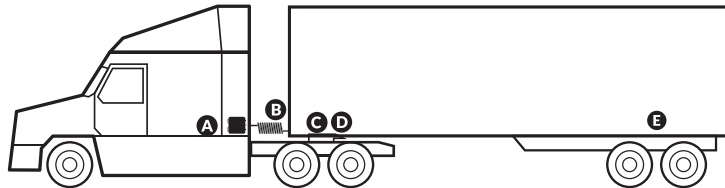


PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE
201-EBT-04B	Yes	Yes	Yes

i Recommended Installation Kit(s):
 » 201-SK + (3) 101-SK

Drop & Hook

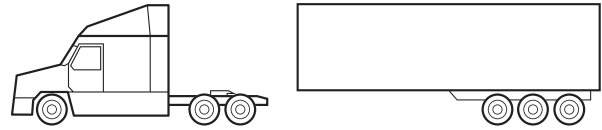
Installation Drop & Hook



DROP & HOOK

The 201-RTS product is our simple, economical drop and hook solution. The scale display is mounted on the tractor to monitor the drive axle suspension, calculate an Estimated Steer axle weight, and can be connected to any Right Weigh remote trailer sensor to also monitor the trailer axle group. These models are available in both one and two air sensor configurations, for tractor drive axle groups with either one or two Height Control Valves (HCV).

- » Bluetooth-Enabled. Used with app to display weight on your smartphone or tablet
- » RS-232 connectivity allows data to be sent to onboard telematics systems



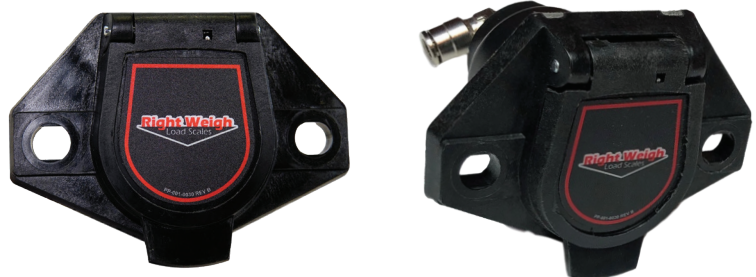
Shown: 201-RTS-01B

PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE	NUMBER OF HCV ON DRIVE AXLE GROUP	INSTALLATION KIT(S)
201-RTS-01B	Yes	Yes	Yes	1	201-SK
201-RTS-02B	Yes	Yes	Yes	2	201-SK + 101-SK

REMOTE TRAILER SENSOR

The RTSK-01 is the remote trailer sensor for use with the 201-RTS series scales. This sensor mounts to the trailer to monitor its axle group. Calibration is performed on the 201-RTS scale, but the calibration data is stored on the sensor

itself. This allows the trailer to be swapped from truck to truck and always read the correct weight. Only compatible with air suspensions controlled by one HCV.



PART NO.	COMPATIBLE WITH
RTSK-01	201-RTS-01B 201-RTS-02B



Recommended Installation Kit(s):
» 102-SK

Air Suspension Straight Truck

SINGLE STEER AXLE

These gauges are designed for straight truck or tractor applications with an air suspension drive axle group and a spring suspension steer axle. They monitor the drive axle group as well as give a Measured Steer axle weight using a strain sensor that is attached to the steer axle. These work best in applications where the steer axle weight changes significantly depending on the load.

- » Available for drive axle groups with one or two HCVs
- » Bluetooth-Enabled. Used with app to display weight on your smartphone or tablet
- » Installation kits included



Shown: 201-219-11

PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE	NUMBER OF HCV ON DRIVE AXLE GROUP	INSTALLATION KIT(S)
201-EBT-11B	Yes	**	Yes	1	Included: 221-SK + 201-SK
201-EBT-12B	Yes	**	Yes	2	Included: 221-SK + 201-SK + 101-SK

** Call for Availability

DUAL STEER AXLE

These gauges are designed for straight truck or tractor applications with an air suspension drive axle group and two spring suspension steer axles. They monitor the drive axle group as well as give a Measured Steer axle weight using a strain sensor that is attached to each steer axle. These work best in applications where the steer axle weight changes significantly depending on the load.

- » Available for drive axle groups with one or two HCVs
- » Bluetooth-Enabled. Used with app to display weight on your smartphone or tablet
- » Installation kits included



Shown: 201-219-21

PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE	NUMBER OF HCV ON DRIVE AXLE GROUP	INSTALLATION KIT(S)
201-EBT-21B	Yes	**	Yes	1	Included: (2) 221-SK + 201-SK
201-EBT-22B	Yes	**	Yes	2	Included: (2) 221-SK + 201-SK + 101-SK

** Call for Availability

Spring Suspension

STRAIGHT TRUCKS & TRACTORS

The 201 series spring suspension scales are available for straight trucks and tractors with either single point or walking beam drive axle suspension.

- » Bluetooth-Enabled. Used with app to display weight on your smart phone or tablet
- » Installation kits included



Shown: 201-219-20

PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE	DRIVE AXLE SUSPENSION TYPE	INSTALLATION KIT(S)
201-EBT-20B-TT	Yes	**	Yes	Single Point	Included: 221-SK + 218-SK
201-EBT-30B-WB	Yes	**	Yes	Walking Beam	Included: 221-SK + (2) 218-SK

** Call for Availability

TRAILERS

These gauges are for monitoring the weight of any spring suspension trailer axle group. They are available in different configurations for trailers with one to four axles.

- » Bluetooth-Enabled. Used with app to display weight on your smartphone or tablet
- » Installation kits included



Shown: 201-219-40

PART NO.	BLUETOOTH	RS-232	PROTECTIVE ENCLOSURE	NUMBER OF AXLES	INSTALLATION KIT(S)
201-EBT-10B	Yes	**	Yes	1	Included: 218-SK
201-EBT-20B	Yes	**	Yes	2	Included: (2) 218-SK
201-EBT-30B	Yes	**	Yes	3	Included (3) 218-SK
201-EBT-40B	Yes	**	Yes	4	Included: (4) 218-SK

** Call for Availability

Interior Digital Gauges **202 Series**

The 202 series is an interior digital scale designed for monitoring up to four air suspension axle groups with one height control valve (HCV) each, or a combination of axle groups with a total of four HCV's. This gauge is intended to mount inside the cab and fits into a standard 2-1/16" dash cutout.

Features

- » On-the-ground axle group weight shown in pounds or kilograms on a touch screen LCD
- » Simple two-point (empty & loaded) calibration process makes it more accurate than a standard analog gauge
- » Estimated Steer axle weight calculated from air suspension drive axle group
- » Can be used on dedicated tractor-trailer sets
- » Calibration can be PIN code protected
- » Choice of black or chrome bezel colors included



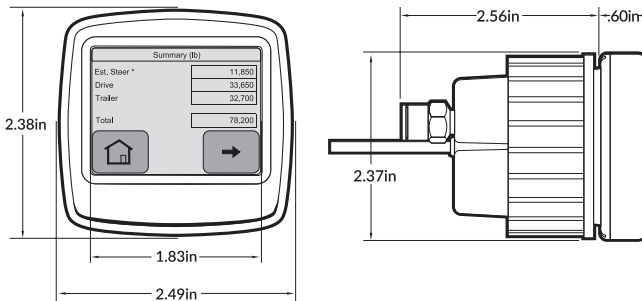
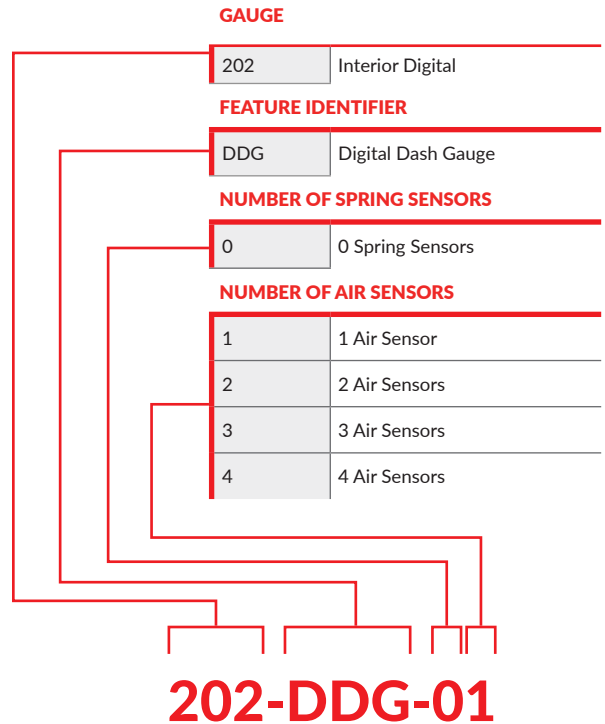
PART NO.	TOTAL NUMBER OF HCV CONTROLLING MONITORED AXLE GROUPS
202-DDG-01	1
202-DDG-02	2
202-DDG-03	3
202-DDG-04	4



Recommended Installation Kit(s):

- » 101-SK (one kit required per HCV on tractor axle groups)
- » 301-QDK (one kit required per HCV on Trailer axle groups, or two per HCV if the application is a rear trailer in set of doubles)

Product Identification



TECHNICAL SPECIFICATIONS

Operating Temp.	-20° C to 85° C -4°F to 185°F
Power	9 VDC to 32 VDC (Switched)
Available units	Kilograms (KG), Pounds (LB)
Housing	ABS/PC Blend
Display	Capacitive Touch Screen

202 BRACKET

Optional mounting bracket for 202 series gauges. Includes all necessary mounting hardware. Gauge and bracket are sold separately.



PART NO.	COMPATIBLE WITH
202-BR	202 Series

Exterior Analog Gauges **250 Series**

The 250 series is an exterior analog scale designed for any air suspension axle group with one Height Control Valve (HCV). Choose between two different mounting styles, front flange or lower mount.

Features

- » On-the-ground axle group weight shown in pounds or kilograms on a touch screen LCD
- » 2.5" dial face, available in pound or kilograms
- » Corrosion-resistant, stainless steel construction
- » Liquid-filled to dampen vibration
- » Applications for single, tandem, and tri-axle

Lower Mount

The 250-LM is constructed with the air stem out the bottom. In this configuration, the air stem is the mounting attachment point.

Front Flange

The 250-FF utilizes a front flange to allow for flush mounting the gauge in place of an existing psi gauge on your tractor or trailer.



Flange Mount

PART NO.	NUMBER OF AXLES	UNITS
250-30-FF	Single	LB
250-HKANT40K-FF	Tandem**	LB
250-54-FF	Tandem	LB
250-64-FF	Tri Axle	LB
250-16KG-FF	Single	KG
250-25KG-FF	Tandem	KG
250-30KG-FF	Tri Axle	KG



Lower Mount

PART NO.	NUMBER OF AXLES	UNITS
250-30-LM	Single	LB
250-HKANT40K-LM	Tandem**	LB
250-54-LM	Tandem	LB
250-64-LM	Tri Axle	LB
250-16KG-LM	Single	KG
250-25KG-LM	Tandem	KG
250-30KG-LM	Tri Axle	KG

**Tandem: Hendrickson VANTRAAX HKANT40K & ULTRAA-K UNKNT 40K



Recommended Installation Kit:

- » 101-SK

Product Identification

GAUGE

250	2.5" Exterior Analog
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MAXIMUM WEIGHT READING

30	30,000 LB - For Single Axle Groups Only
54	54,000 LB - For Tandem Axle Groups Only
64	64,000 LB - For Tri Axle Groups Only
HKANT40K	48,000 LB - For Tandem Axle Groups with Hendrickson VANTRAAX HKANT40K or ULTRAA-K UNKNT 40K Air Suspension Only
16KG	16,000 KG - For Single Axle Groups Only
25KG	25,000 KG - For Tandem Axle Groups Only
30KG	30,000 KG - For Tri Axle Groups Only

FEATURE IDENTIFIER

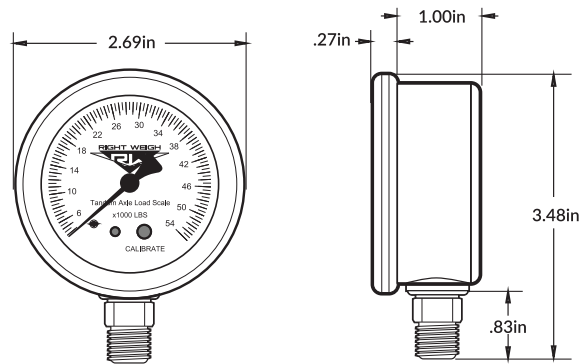
LM	Lower Mount
FF	Front Flange

250-54-LM

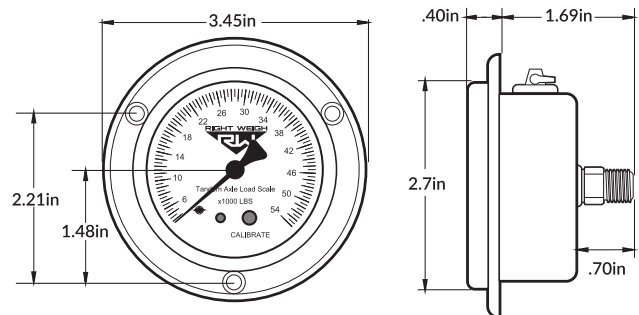
TECHNICAL SPECIFICATIONS

Operating Temp.	-40° C to 60° C -40°F to 140°F
Available Units	Kilograms (KG), Pounds (LB)
Gauge Size	2.5"

Lower Mount



Flange Mount



250 BRACKET

Optional mounting bracket for both the 250-FF front flange and the 250-LM lower mount gauges. Includes mounting hardware. Gauge and bracket are sold separately.

PART NO.	COMPATIBLE WITH
250-BR	250 Series



Exterior Analog Gauges **310 Series**

The 310 series is an exterior analog scale designed for any air suspension axle group with one or two height control valves.



Features

- » 3.5" dial face, available in pound or kilograms
- » Push-pull on/off valve
- » Installed in a weather resistant enclosure
- » Mounting bracket and stainless steel hardware included
- » Models available for single, tandem, and tri-axle groups

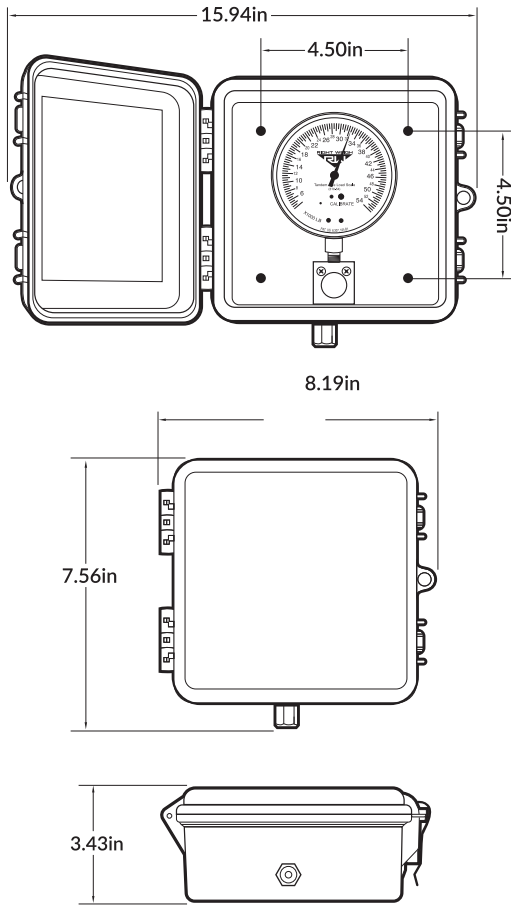
PART NO.	NUMBER OF AXLES	UNITS	NUMBER OF HCV'S
310-30-PP	Single	LB	1
310-30-M3	Single	LB	2
310-54-PP	Tandem	LB	1
310-54-M3	Tandem	LB	2
310-HKANT40K-PP	Tandem**	LB	1
310-80-PP	Tri Axle	LB	1
310-80-M3	Tri Axle	LB	2
310-16KG-PP	Single	KG	1
310-16KG-M3	Single	KG	2
310-25KG-PP	Tandem	KG	1
310-25KG-M3	Tandem	KG	2
310-30KG-PP	Tri Axle	KG	1
310-30KG-M3	Tri Axle	KG	2
B310-30KG-PP*	Tri Axle	KG	1
B310-30KG-M3*	Tri Axle	KG	2

**Tandem: Hendrickson VANTRAAX HKANT40K & ULTRAA-K UNKNT 40K



Recommended Installation Kit(s):

- » 101-SK (Axle groups with two HCV's require two installation kits)



TECHNICAL SPECIFICATIONS

Operating Temp.	-40° C to 85° C -40°F to 185°F
Available Units	Kilograms (KG), Pounds (LB)
Enclosure	Black Polypropylene
Gauge Size	3.5"

Product Identification

AIR BAG DIAMETER

Blank	Standard - Diameter of Less Than 13.75" (340mm)
B	Large - Diameter of 13.75" (340mm) or Larger

GAUGE

310	3.5" Exterior Analog
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MAXIMUM WEIGHT READING

30	30,000 LB - For Single Axle Groups Only
54	54,000 LB - For Tandem Axle Groups Only
HKANT40K	48,000 LB - For Tandem Axle Groups with Hendrickson VANTRAAX HKANT40K or UL-TRAA-K UNKNT 40K Air Suspension Only
80	80,000 LB - For Tri Axle Groups Only
16KG	16,000 KG - For Single Axle Groups Only
25KG	25,000 KG - For Tandem Axle Groups Only
30KG	30,000 KG - For Tri Axle Groups Only

FEATURE IDENTIFIER

GO	Gauge Only
PP	In Enclosure with Push-Pull Valve for Single Height Control Valve Suspension (1 Inlet Port)
M3	In Enclosure with Push-Pull Valve for Dual Height Control Valve Suspension (2 Inlet Ports)

B310-30KG-PP

310 SECURITY COVER

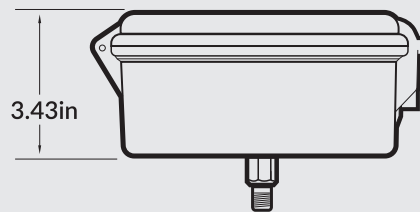
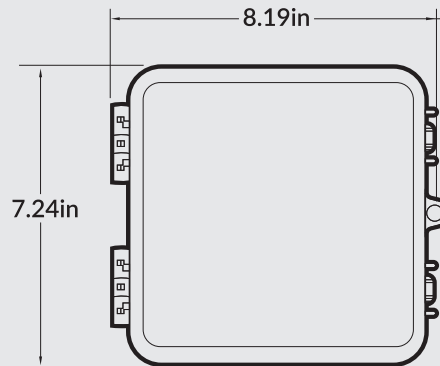
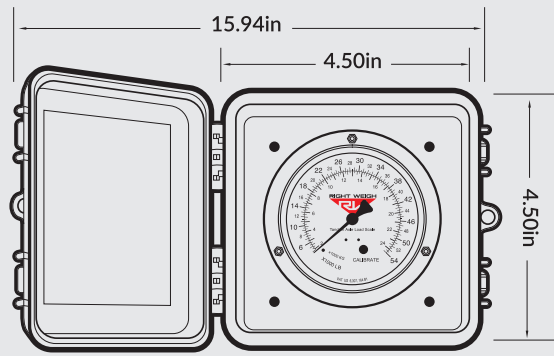
Optional security cover kit for 310 series gauges. Uses security seals to ensure calibration screw is not tampered with. Gauge and security cover are sold separately.

PART NO.	COMPATIBLE WITH
310-SCK	310 Series



Exterior Analog Gauges **400 Series**

The 400 series is an exterior analog scale designed for monitoring an air suspension axle group with one Height Control Valve (HCV). Currently only available for tandem axle groups.



Features

- » 4" dial face, largest of all gauges we offer
- » Stainless steel construction resists corrosion
- » Liquid filled to dampen vibration
- » Installed in a weather resistant enclosure
- » Mounting bracket and stainless steel mounting hardware included
- » Dual unit, reads in both pounds (LB) and kilograms (KG)

PART NO.	COMPATIBLE WITH
400-54-RFB	

i Recommended Installation Kit(s):
 » 101-SK

TECHINCAL SPECIFICATIONS

Operating Temp.	-20° C to 60° C -4°F to 140°F
Available Units	Kilograms (KG), Pounds (LB)
Enclosure	Black Polypropylene
Gauge Size	4"

Analog vs Digital, Which is Right for Me?

If your goal is simply to maintain legal axle weights than many times choosing between analog and digital is just a matter of personal preference. Our analog gauges are super simple and work great for drivers with air suspension who just need to maintain legal axle group weights and avoid overweight fines. A digital gauge is required if the vehicle does not have air suspension, is used for heavy haul applications, or if lift axles are involved. Our digital gauges use two-point calibration, once while empty and once while loaded, making them more accurate for partial loads. Exterior digital models also work for axle groups with multiple configurations, such as groups with integrated lift axles, come standard with Bluetooth connectivity, and can be purchased optionally with RS-232 output for use with telematics systems.

If you need some help finding the right gauge for your application, please call us at (503) 628-0838 or (888)818-2058 (toll free-inside the US only).



Interior Analog Gauges **510 Series**

The 510 series is an interior analog scale designed for monitoring air suspension axle groups with one Height Control Valve (HCV). With the use of an additional splitter valve (919-MINI-M3), these gauges can also be used on axle groups with two HCVs. This gauge is intended to mount inside the cab and fits into a standard 2-1/16" dash cutout.

Features

- » 2" dial face, available in pounds or kilograms
- » Applications for single, tandem, and tri-axle (tri-axle only available in kilograms dial face)
- » Choice of black or chrome bezel colors
- » 7-Color selectable LED backlight



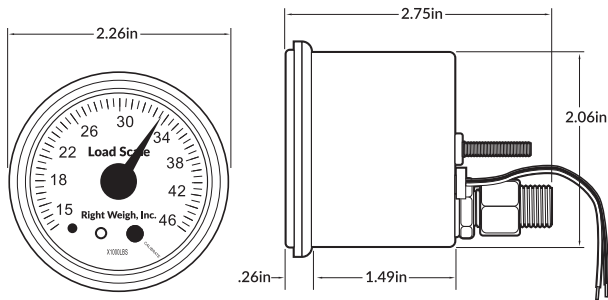
PART NO.	NUMBER OF AXLES	UNITS	BEZEL COLOR
510-30-B	Single	LB	Black
510-30-C	Single	LB	Chrome
510-46-B	Tandem	LB	Black
510-46-C	Tandem	LB	Chrome
510-16KG-B	Single	KG	Black
510-16KG-C	Single	KG	Chrome
510-25KG-B	Tandem	KG	Black
510-25KG-C	Tandem	KG	Chrome
510-30KG-B	Tri Axle	KG	Black
510-30KG-C	Tri Axle	KG	Chrome



Recommended Installation Kit(s):

- » 101-SK (Axle groups with two HCV's require two installation kits)

Product Identification



TECHNICAL SPECIFICATIONS

Operating Temp.	-40° C to 85° C -40°F to 185°F
Available Units	Kilograms (KG), Pounds (LB)
Bezel Color Options	Black (B), Chrome (C)
Gauge Size	2"

GAUGE

510	2" Interior Analog Load Scale
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MAXIMUM WEIGHT READING

30	30,000 LB - For Single Axle Groups Only
46	46,000 LB - For Tandem Axle Groups Only
16KG	16,000 KG - For Single Axle Groups Only
25KG	25,000 KG - For Tandem Axle Groups Only
30KG	30,000 KG - For Tri Axle Groups Only

COLOR

B	Black
C	Chrome

510-46-C

510 BRACKET

Optional mounting bracket for 510 series gauges. Available in black or chrome finish. Gauge and bracket are sold separately.

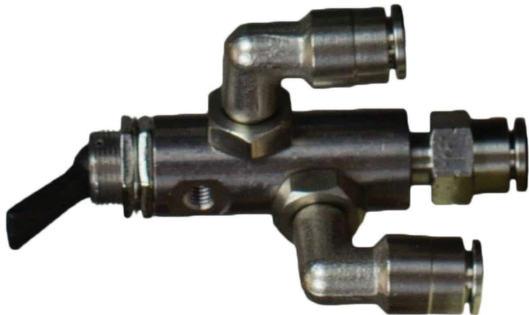
PART NO.	FINISH	COMPATIBLE WITH
510-B-BR	Black	510 Series
510-C-BR	Chrome	510 Series



SPLITTER FOR TWO HCV'S

This splitter valve is designed to allow the 510 series gauges to work on air suspension axle groups with two Height Control Valves. Gauge and valve are sold separately.

PART NO.	COMPATIBLE WITH
919-MINI-M3	510 Series



Installation Kits

SCALE TO SUSPENSION AIR BAG

This kit is designed to connect any Right Weigh scale to a suspension air bag.

PART NO.

101-SK



1/4" Male NPT Elbow Fitting



1/8" Female NPT Elbow Fitting



3/8" NPT to 1/4" NPT Reducer Fitting



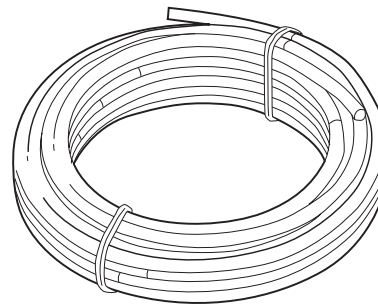
3/8" NPT Street Tee Fitting



1/4" NPT Street Tee Fitting



1/4" Male NPT Straight Fitting



1/4" Air Line Qty: 30 feet



Zip Ties Qty: 15

REMOTE TRAILER SENSOR TO SUSPENSION AIR BAG

This kit is designed to connect a Right Weigh remote trailer sensor to a suspension air bag.

PART NO.

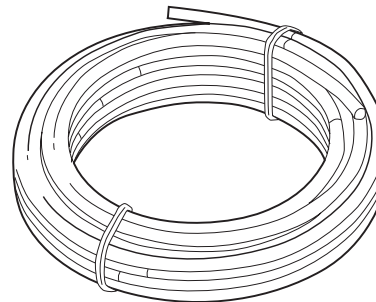
102-SK



3/8" NPT Street Tee Fitting



1/4" NPT Street Tee Fitting



1/4" Air Line Qty: 60 feet



Zip Ties Qty: 30

SCALE TO SUSPENSION AIR BAG + ELECTRICAL

This kit is designed to connect a digital exterior scale to a suspension air bag and a 12v or 24v power source.

PART NO.

201-SK



1/4" Male NPT Straight Fitting



3/8" NPT Street Tee Fitting



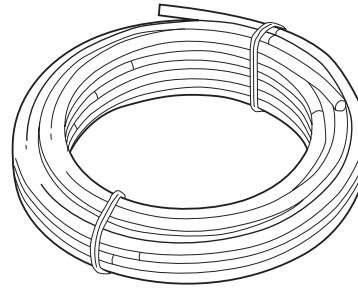
1/4" NPT Street Tee Fitting



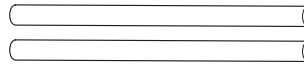
Crimp & Seal Butt Connectors



3/8" NPT to 1/4" NPT Reducer Fitting



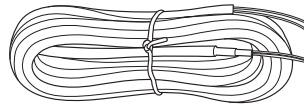
1/4" Air Line Qty: 30 feet



1/2" x 6" Heat Shrink Tube



Zip Ties Qty: 30



Power Cable Qty: 25 feet

TRUCK SCALE TO TRAILER SUSPENSION AIR BAG

This kit is designed to connect any truck mounted Right Weigh scale to a trailer suspension air bag.

PART NO.

301-QDK



3/8" NPT Street Tee Fitting



1/4" NPT Street Tee Fitting



3/8" NPT to 1/4" NPT Reducer Fitting



Bulkhead Fitting Qty: 2



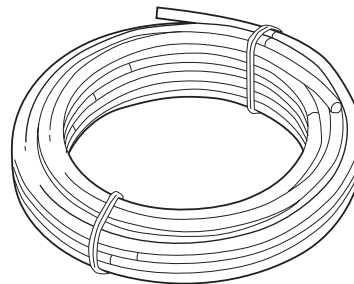
Male Quick Disconnect with 1/4" Female NPT



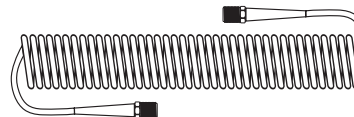
Female Quick Disconnect with 1/4" Male NPT



1/4" Male NPT Straight Fitting Qty: 3



1/4" Air Line Qty: 80 feet



25 ft. Coiled Air Line with Male NPT Ends



Zip Ties Qty: 40



REPLACEMENT PARTS

Each replacement part is sold separately and can be purchased directly from Right Weigh, Inc. Right Weigh uses a meaningful part numbering system to help quickly identify each part individually. For replacement parts, each number starts with a 2-letter code that stands for a category (electrical —EL, hardware bags —HB, etc.). This is then followed by a 3-number feature identifier specific to that category. The part is then given a 4-number sequence that is specific to that part.

CATEGORY

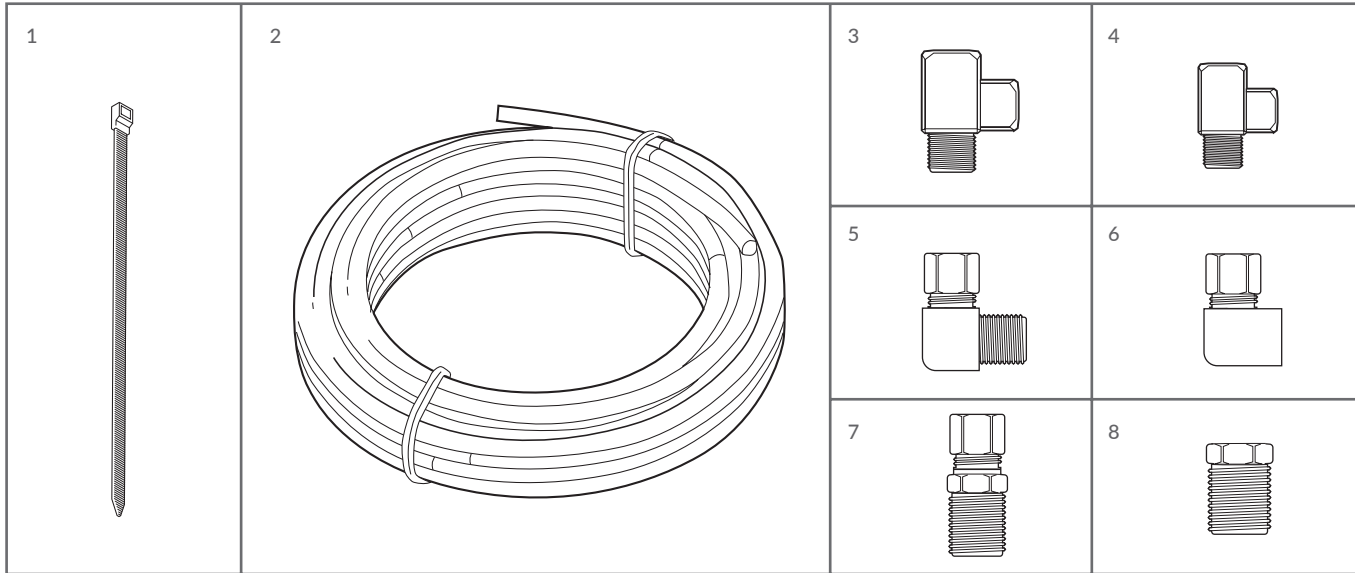
EL	Electrical
EN	Enclosures
HB	Hardware Bags
HW	Hardware (Brackets, Bolts)
LC	Liquid (Epoxy, Adhesives, Silicone)
MM	Marketing Material
PF	Pressure Fittings
PN	Pneumatic (Valves)
PP	Product Packaging (Stickers, Instructions, Manuals)

FEATURE IDENTIFIER 1

FEATURE IDENTIFIER 2

EL-004-0025

101-SK

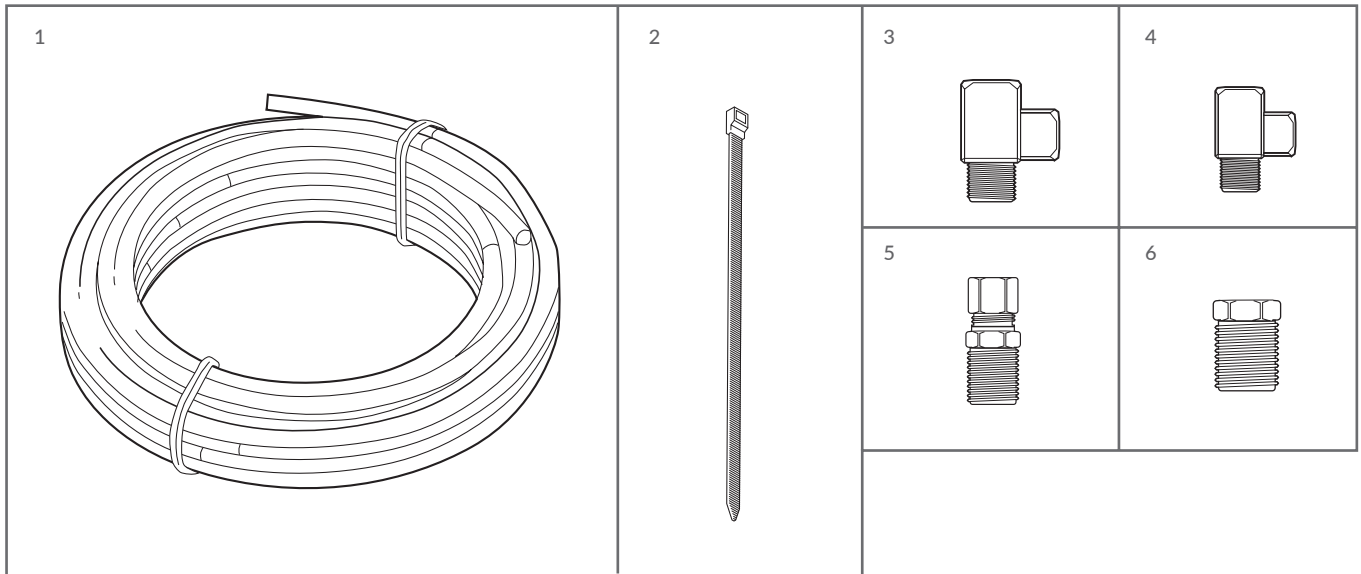


REPLACEMENT PARTS

REPLACEMENT PARTS KIT

Reference #	Part Number	Part Description	Quantity	HB-002-0001
1	HW-009-0207	Zip Tie: 7" Black Nylon	15	
2	PN-004-0002	Air Line: ¼" x 0.17" Black Polyethylene, 30 Ft	1	
3	PF-001-0002	Street Tee Fitting: 3/8 NPT (Brass)	1	X
4	PF-001-0011	Street Tee Fitting: ¼ NPT (Brass)	1	X
5	PF-001-0006	Tube Fitting: ¼" Tube to ¼"-NPT Male Elbow (Brass)	1	X
6	PF-001-0007	Tube Fitting: ¼" Tube to 1/8 NPT Female Elbow (Brass)	1	X
7	PF-001-0013	Tube Fitting: ¼" Tube to ¼ NPT Male Straight (Brass)	1	X
8	PF-001-0003	Bushing: 3/8 NPT Male to ¼ NPT Female (Brass)	1	X
N/A	PP-003-0007	Instruction Manual: 101-SK	1	

102-SK

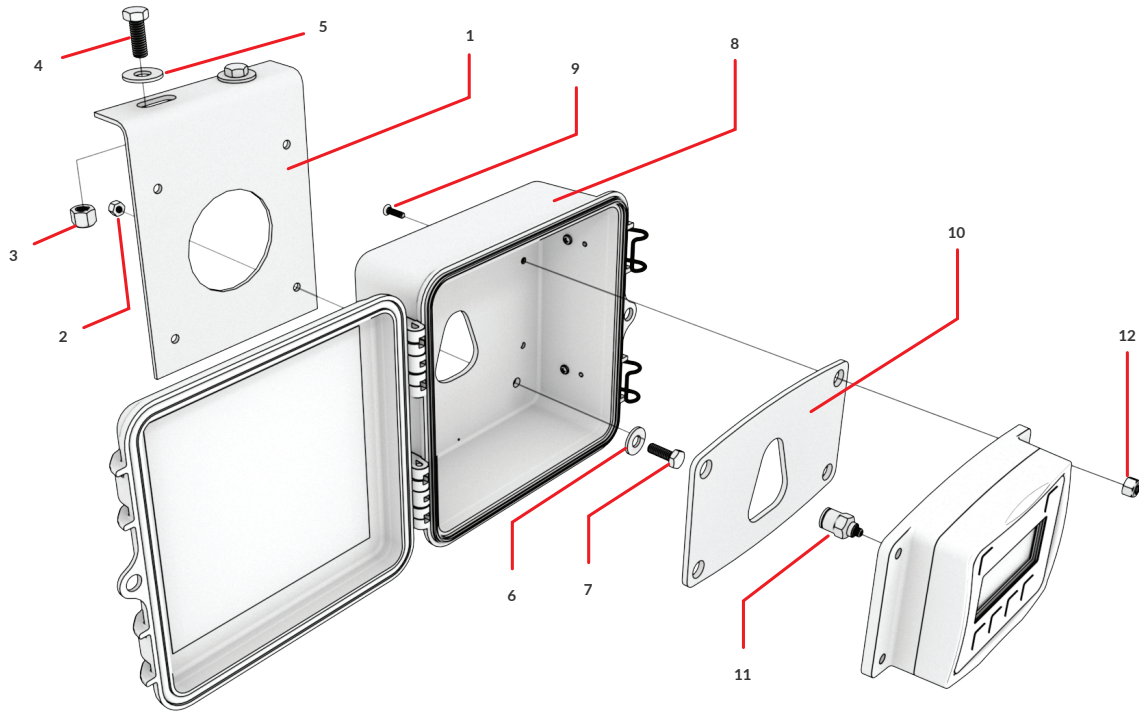


REPLACEMENT PARTS

REPLACEMENT PARTS KIT

Reference #	Part Number	Part Description	Quantity	HB-002-0009
1	PN-004-0004	Air Line: 1/4" x 0.170" Black Polyethylene, 60 Ft	1	
2	HW-999-0207	Zip Tie: 7" (Black Nylon)	30	
3	PF-001-0002	Street Tee Fitting: 3/8 NPT (Brass)	1	X
4	PF-001-0011	Street Tee Fitting: 1/4 NPT (Brass)	1	X
5	PF-001-0013	Tube Fitting: 1/4" Tube to 1/4 NPT Male Straight (Brass)	1	X
6	PF-001-0003	Bushing: 3/8 NPT Male to 1/4 NPT Female (Brass)	1	X
N/A	PP-003-0035	Instruction Manual: 102-SK	1	

201 SERIES



REPLACEMENT PARTS

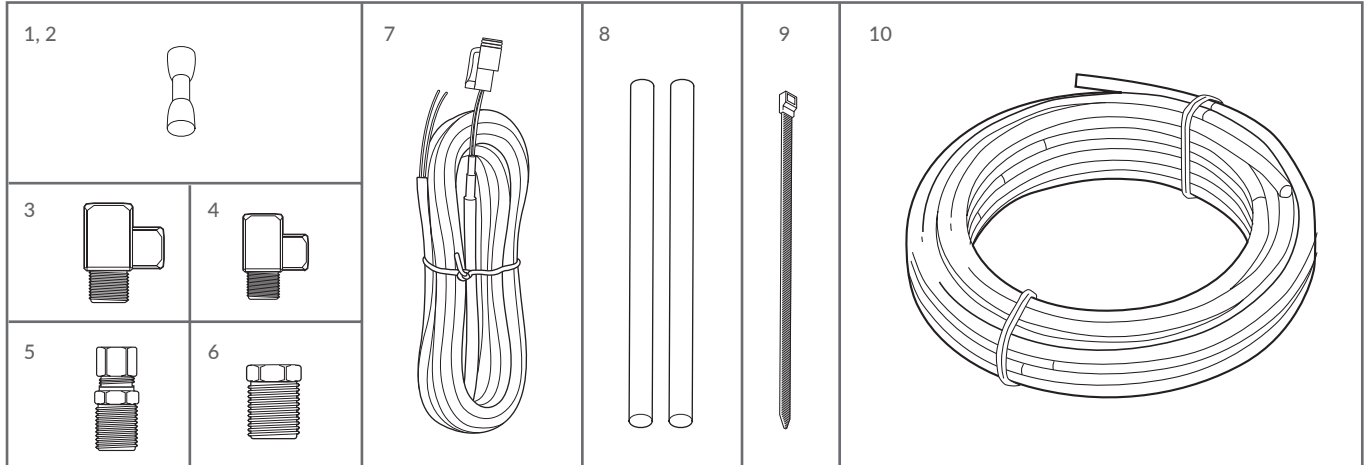
REPLACEMENT PARTS KITS

Reference #	Parts Number	Part Description	Quantity	HB-001-0000	909-BR	909-201-K
1	HW-001-0001	Mounting Bracket	1		X	X
2	HW-004-1401	Nylon Insert Lock Nut: ¼-20 (18-8 Stainless Steel)	4	X	X	X
3	HW-004-3801	Nylon Insert Lock Nut: 3/8-16 (18-8 Stainless Steel)	2	X	X	X
4	HW-002-0003	Hex Cap Screw: 3/8-16 x 1 (18-8 Stainless Steel)	2	X	X	X
5	HW-003-0003	Flat Washer: 3/8" (18-8 Stainless Steel)	2	X	X	X
6	HW-003-0001	Flat Washer: ¼" (18-8 Stainless Steel)	4	X	X	X
7	HW-002-0002	Hex Cap Screw: ¼-20 x ¾ (18-8 Stainless Steel)	4	X	X	X
8	909-201	Exterior Enclosure Box	1			X
9	HW-001-0005	Machine Screw: 8-32 x 5/8" Flat Head Phillips Undercut (18-8 Stainless Steel)	4			X
10	HW-009-0203	201 Mounting Gasket	1			X
11*	PF-002-0001	Push-to-Connect Fitting: ¼" Tube to 10-32 Male Straight (Nickel Pated Brass)	**			
12	HW-004-0003	Nylon Insert Lock Nut: 8-32 (18-8 Stainless Steel Wax Coated)	1			X

*Air suspension only

**Quantity varies between product numbers

201-SK

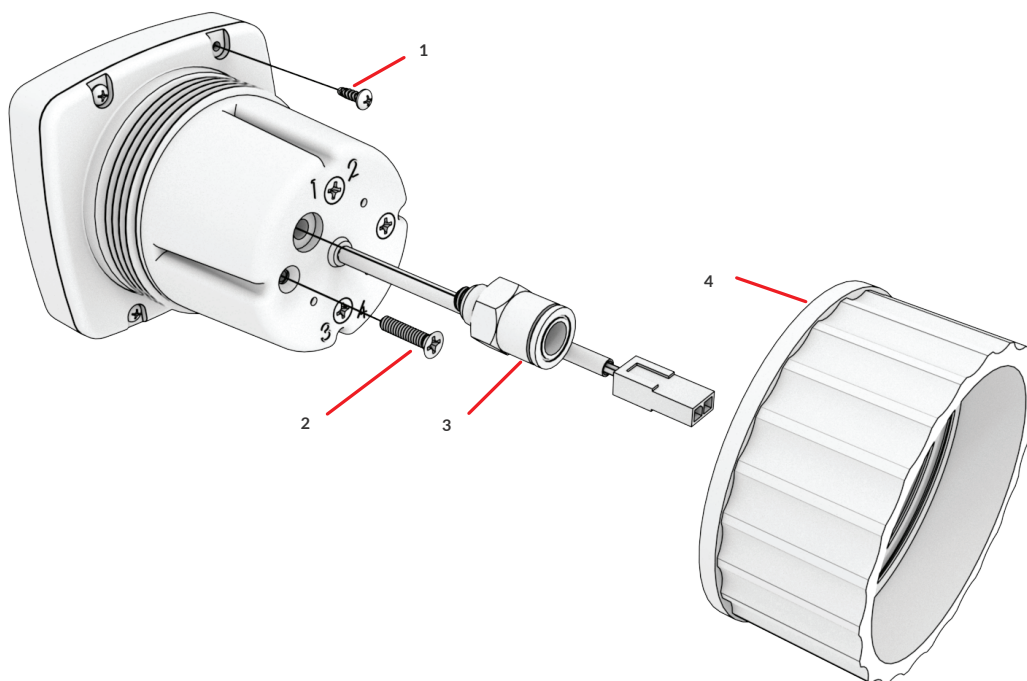


REPLACEMENT PARTS

REPLACEMENT PARTS KIT

Reference #	Part Number	Part Description	Quantity	HB-002-0002
1	EL-006-0000	Butt Connector: Crimp and Seal (16-14 AWG to 22-18 AWG Blue)	2	X
2	EL-006-0005	Butt Connector: Crimp and Seal (20-18 AWG Red)	2	X
3	PF-001-0011	Street Tee Fitting: 3/8 NPT (Brass)	1	X
4	PF-001-0002	Street Tee Fitting: 1/4 NPT (Brass)	1	X
5	PF-001-0013	Tube Fitting: 1/4" Tube to 1/4 NPT Male Straight (Brass)	1	X
6	PF-001-0003	Bushing: 3/8-NPT Male to 1/4 NPT Female (Brass)	1	X
7	EL-004-0004	Power Cable (25 Feet)	1	
8	EL-006-0007	Heat Shrink Tube: 1/2" x 6" w/ Adhesive (Black)	2	
9	HW-999-0207	Zip Tie: 7" Black	30	
10	PN-004-0002	Air Line: 1/4" x 0.17" Black Polyethylene, 30 Ft	1	
N/A	PP-003-0008	Instruction Manual: 201-SK	1	

202 SERIES

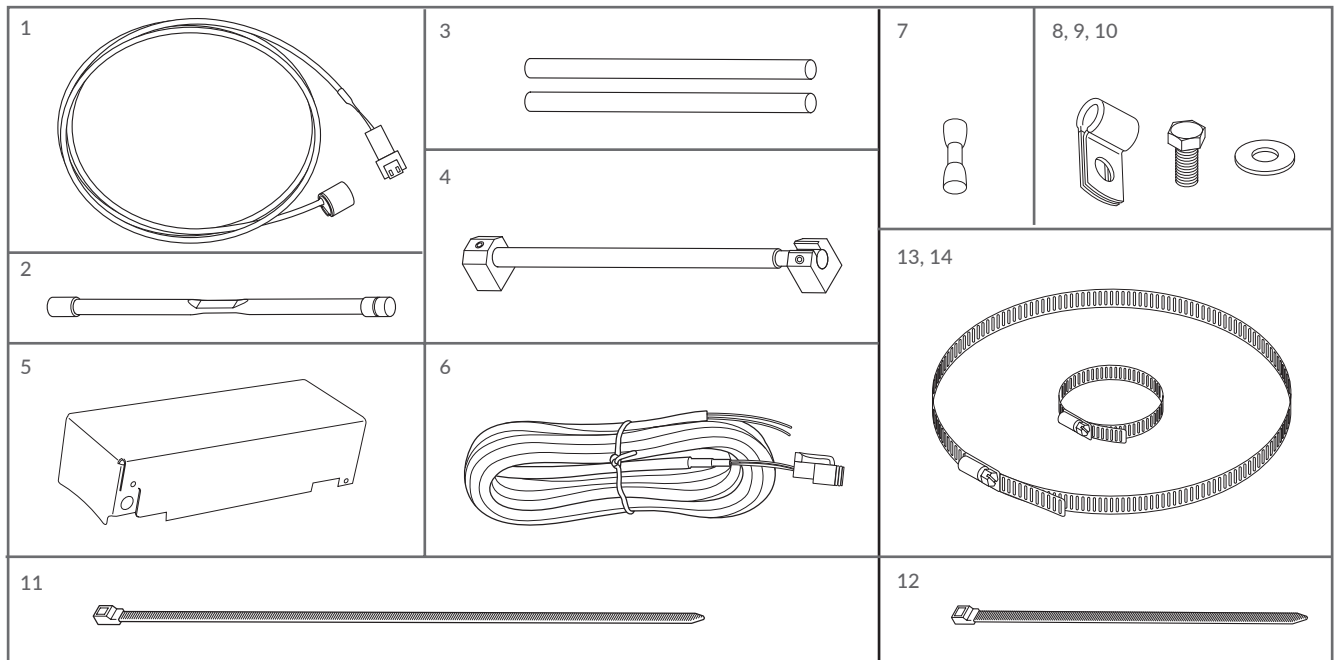


REPLACEMENT PARTS

Reference #	Part Number	Description	Quantity
1	HW-001-0228	Thread-Forming Screw: 2-28 x ¼" Phillips Head, for Plastic (Zinc-Plated Steel)	4
2	HW-001-0010	Machine Screw: 4-40 x ½" Flat Head Phillips Machine Screw (18-8 Stainless Steel)	4
3	PF-002-0001	Push-to-Connect Fitting: ¼" Tube to 10-32 Male Straight (Nickel Pated Brass)	**
4	EN-003-0201	Threaded Nut	1
N/A	EL-004-0010	Connector Cable, 600 mm	1

**Quantity varies between product numbers

218-SK

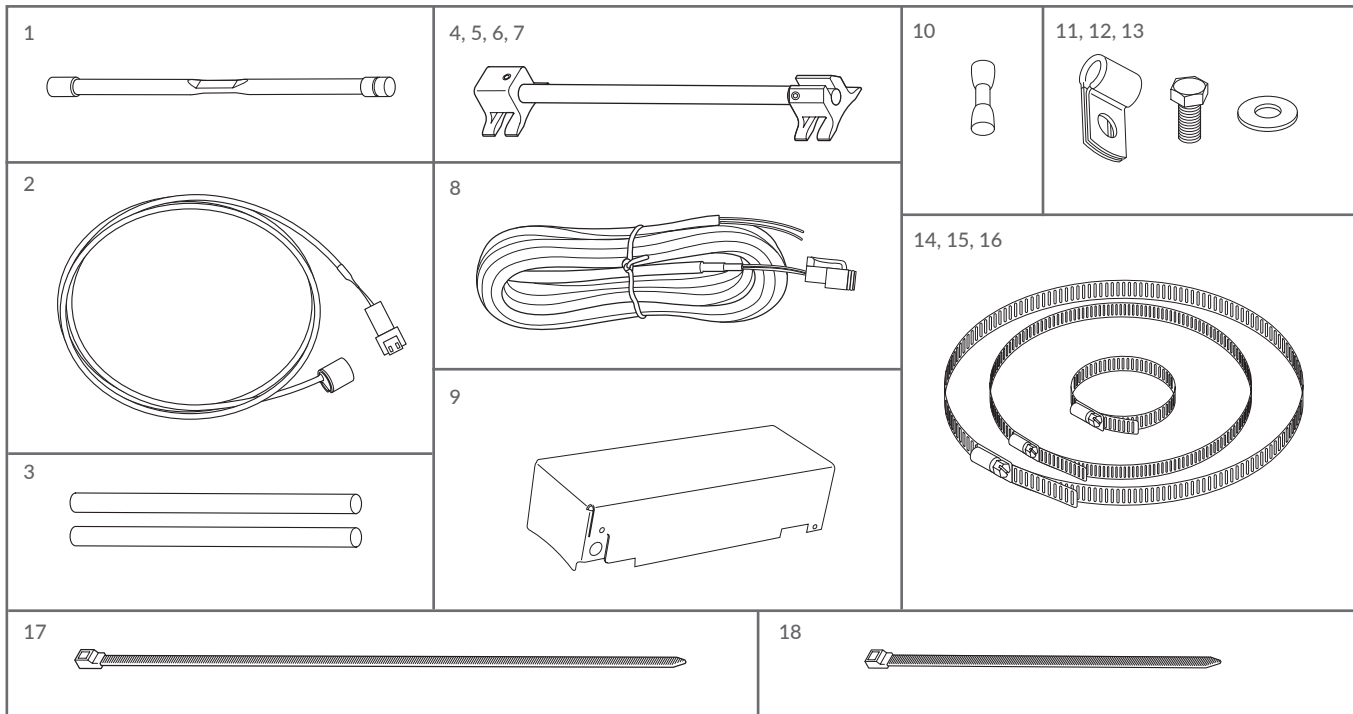


REPLACEMENT PARTS

REPLACEMENT PARTS KIT

Reference #	Part Number	Part Description	Quantity	HB-003-0006
1	EL-004-0054	Strain Sensor Pickup Coil	1	
2	EL-001-0002	Tension Bar	1	
3	EL-006-0007	Heat Shrink Tube: ½" x 6" w/ Adhesive (Black)	2	X
4	HW-010-0052	Sensor Mounting Block Welding Jig Assembly	1	
5	HW-010-0040	Metal Cover for Strain Sensor Bar Assembly	1	
6	EL-004-0055	Extension Harness (25 Feet)	1	
7	EL-006-0005	Butt Connector: Crimp and Seal (20-18 AWG Red)	2	X
8	HW-011-0006	Loop Clamp: 3/16" ID, 1-½" Long	1	X
9	HW-001-0015	Hex Cap Screw: ¼-20 x ½ (18-8 Stainless Steel)	1	X
10	HW-003-0001	Flat Washer: ¼" (18-8 Stainless Steel)	1	X
11	HW-999-0210	Zip Tie: 11" Black Nylon	4	X
12	HW-999-0207	Zip Tie: 7" Black Nylon	15	X
13	HW-011-0007	Worm Drive Hose Clamp: 4" - 9-½" Diameter (Vibration Resistant)	1	
14	HW-011-0000	Worm Drive Hose Clamp: 29/32" Maximum Diameter	1	X
N/A	PP-003-0045	Instruction Manual: 218-SK	1	

221-SK

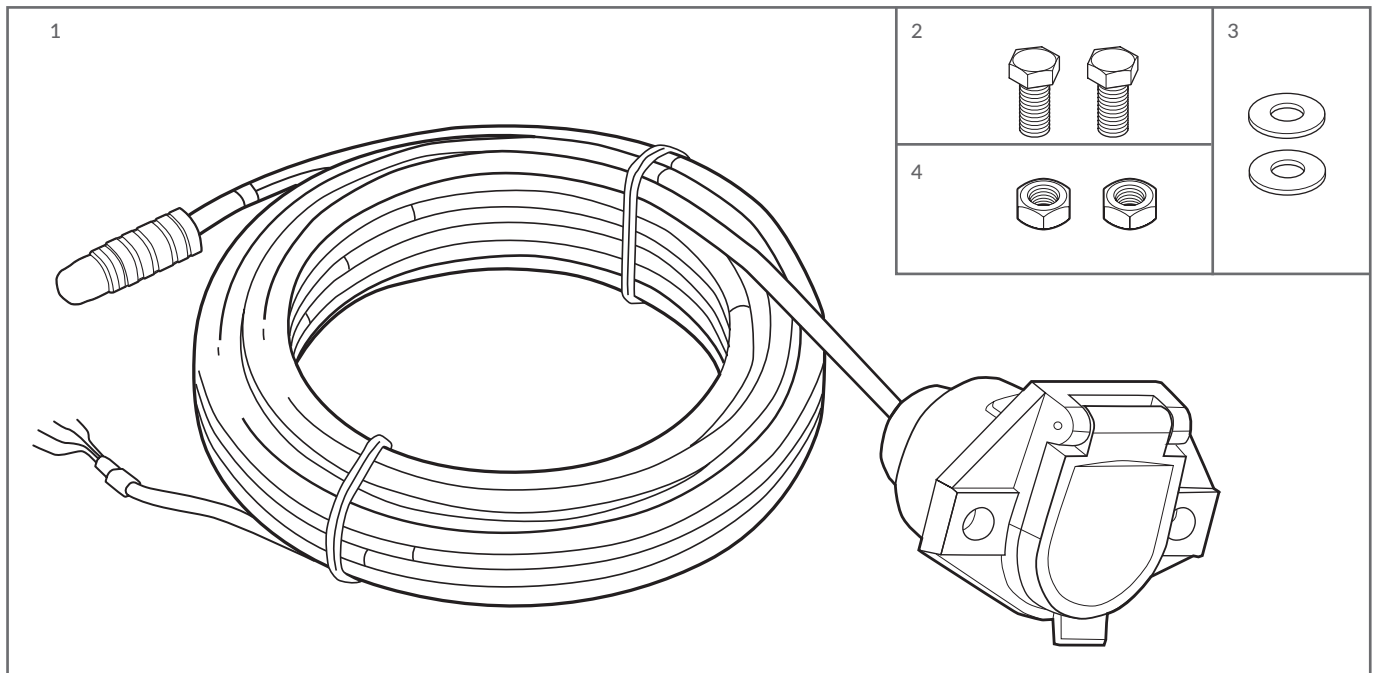


REPLACEMENT PARTS

REPLACEMENT PARTS KIT

Reference #	Part Number	Part Description	Quantity	HB-003-0006
1	EL-001-0002	Tension Bar	1	
2	EL-004-0054	Strain Sensor Pickup Coil	1	
3	EL-006-0007	Heat Shrink Tube: ½" x 6" w/ Adhesive (Black)	2	X
4	HW-001-0001	Set Screw: ¼-28 x ¼" Hex Drive (Stainless Steel)	3	
5	HW-010-0044	Mounting Block, Open Side (2 Set Screw Holes)	1	
6	HW-010-0046	Mounting Block, Closed Side (1 Set Screw Hole)	1	
7	HW-010-0016	Alignment Dowel	1	
8	EL-004-0055	Extension Harness (25 Feet)	1	
9	HW-010-0047	Metal Cover for Strain Sensor Bar Assembly (Steel 18 Gauge)	1	X
10	EL-006-0005	Butt Connector: Crimp and Seal (20-18 AWG Red)	2	X
11	HW-011-0006	Loop Clamp: ¾" ID, 1-½" Long	1	X
12	HW-001-0015	Hex Cap Screw: ¼-20 x ½ (18-8 Stainless Steel)	1	X
13	HW-003-0001	Flat Washer: ¼" (18-8 Stainless Steel)	1	X
14	HW-011-0007	Worm Drive Hose Clamp: 4" - 9 ½" Diameter (Vibration Resistant)	1	
15	HW-011-0004	Worm Drive Hose Clamp: 4" - 6-½" Diameter (Vibration Resistant)	2	
16	HW-011-0000	Worm Drive Hose Clamp: 2½" Maximum Diameter	1	X
17	HW-999-0210	Zip Tie: 11" Black Nylon	4	X
18	HW-999-0207	Zip Tie: 7" Black Nylon	15	X
N/A	PP-003-0043	Instruction Manual: 221-SK	1	

224-SK



REPLACEMENT PARTS

REPLACEMENT PARTS KIT

Reference #	Part Number	Part Description	Quantity	HB-001-0006
1	EL-004-0040	Remote Trailer Scale to Socket Harness (w/ Socket)	1	
2	HW-002-0005	Screw: 5/16-18 x 1", Hex Cap (18-8 Stainless Steel)	2	X
3	HW-003-0007	Washer: 5/16", Flat (18-8 Stainless Steel)	2	X
4	HW-004-0004	Lock Nut: 5/16-18 Nylon Insert (18-8 Stainless Steel)	2	X

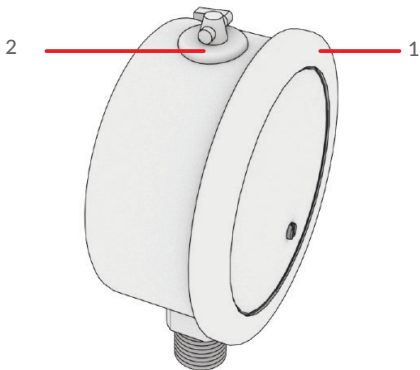
250-FF



REPLACEMENT PARTS

Reference #	Part Number	Part Description
1	GO250-16KG-FF	16,000 KG – For Single Axle Groups Only
	GO250-25KG-FF	25,000 KG – For Tandem Axle Groups Only
	GO250-30KG-FF	30,000 KG – For Tri-Axle Groups Only
	GO250-30-FF	30,000 LB – For Single Axle Groups Only
	GO250-54-FF	54,000 LB – For Tandem Axle Groups Only
	GO250-64-FF	64,000 LB – For Tri-Axle Groups Only
	GO250-HKANT40K-FF	48,000 LB – For Tandem Axle Groups with Hendrickson VANTRAAX HKANT 40K or ULTRAA-K UTKNT 40K Air Suspension Only
2	HW-009-0000	250 Series Plug w/ Vent Lever
N/A	PP-001-0004	Calibration Instructions Sticker (3.5" x 4.5")
N/A	PF-001-0004	Tube Fitting: ¼" Tube to ¼ NPT Female Straight (Brass)
N/A	PP-003-0016	Instruction Manual: 250 Series

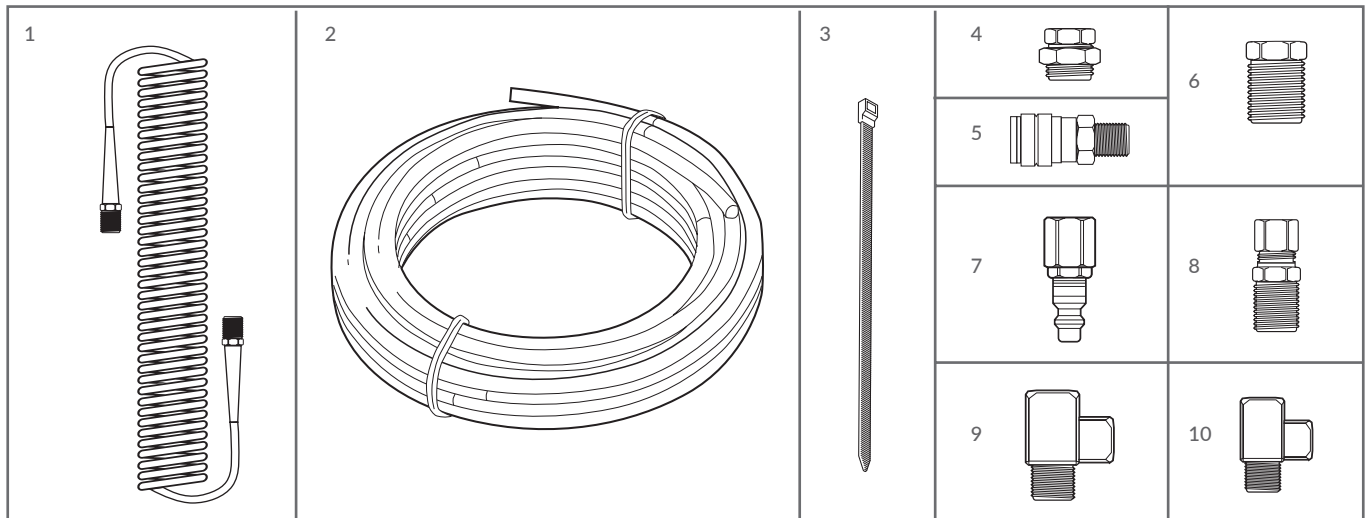
250-LM



REPLACEMENT PARTS

Reference #	Part Number	Part Description
1	GO250-16KG-LM	16,000 KG – For Single Axle Groups Only
	GO250-25KG-LM	25,000 KG – For Tandem Axle Groups Only
	GO250-30KG-LM	30,000 KG – For Tri-Axle Groups Only
	GO250-30-LM	30,000 LB – For Single Axle Groups Only
	GO250-54-LM	54,000 LB – For Tandem Axle Groups Only
	GO250-64-LM	64,000 LB – For Tri-Axle Groups Only
	GO250-HKANT40K-LM	48,000 LB – For Tandem Axle Groups with Hendrickson VANTRAAX HKANT 40K or ULTRAA-K UTKNT 40K Air Suspension Only
2	HW-009-0000	250 Series Plug w/ Vent Lever
N/A	PP-001-0004	Calibration Instructions Sticker (3.5" x 4.5")
N/A	PF-001-0004	Tube Fitting: ¼" Tube to ¼ NPT Female Straight (Brass)
N/A	PP-003-0016	Instruction Manual: 250 Series

301-QDK

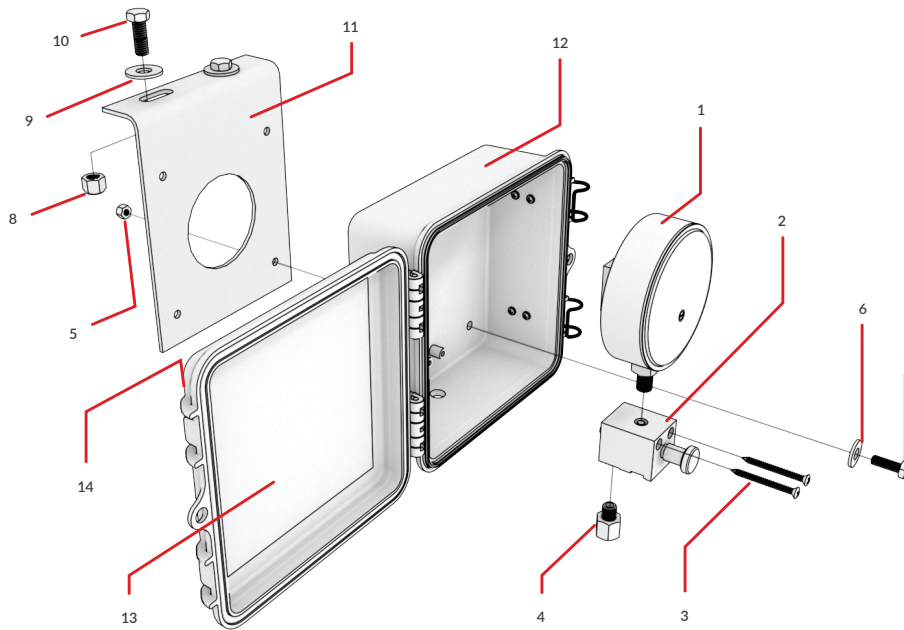


REPLACEMENT PARTS

REPLACEMENT PARTS KITS

Reference #	Part Number	Part Description	Quantity	HB-002-0004
1	PN-004-0200	Air Hose Assembly: ¼" Polyurethane, Self-Storing, ¼" Inner Diameter x ¼-NPT Male, 360 Swivel Both Ends, 25 Feet Long, 125 PSI	1	
2	PN-004-0003	Air Line: ¼" x 0.17" Black Polyethylene, 80 Ft	1	
3	HW-999-0207	Zip Tie: 7" Black Nylon	40	
4	PF-001-0015	Terminal Bolt: ¼ NPT Female to ¼ NPT Female (Brass) 31/32" Long	2	X
5	PF-001-0016	Industrial Manual Connection Coupler: ¼" Coupler to ¼ NPT Male	1	X
6	PF-001-0003	Bushing: 3/8 NPT Male to ¼ NPT Female (Brass)	1	X
7	PF-001-0017	Industrial Manual Connection Nipple: ¼" Nipple to ¼ NPT Female	1	X
8	PF-001-0013	Tube Fitting: ¼" Tube to ¼ NPT Male Straight (Brass)	3	X
9	PF-001-0011	Street Tee Fitting: 3/8 NPT (Brass)	1	X
10	PF-001-0002	Street Tee Fitting: ¼ NPT (Brass)	1	X
N/A	PP-003-0009	Instruction Manual: 301-QDK	1	

310-PP

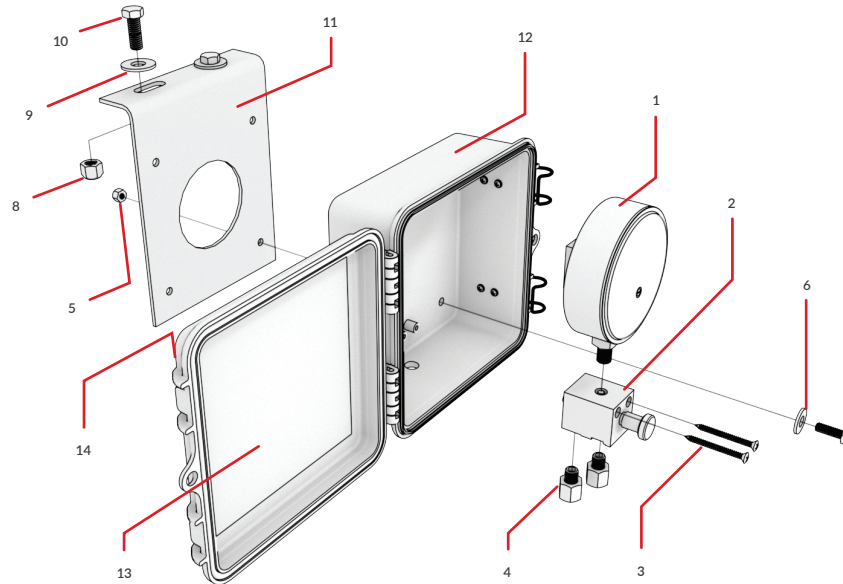


REPLACEMENT PARTS

REPLACEMENT PARTS KITS

Reference #	Part Number	Description	QTY	310-XX-01	909-BR	909-310	919-PP	HB-001-0000
1	310-16KG-GO	Gauge: 3.5" - 16,000 KG (Single Axle)	1	X				
	310-25KG-GO	Gauge: 3.5" - 25,000 KG (Tandem Axle)	1	X				
	310-30KG-GO	Gauge: 3.5" - 30,000 KG (Tri Axle)	1	X				
	B310-30KG-GO	Gauge: 3.5" - 30,000 KG (Tri Axle) (Large Dia. Air Bag)	1	X				
	310-30-GO	Gauge: 3.5" - 30,000 LB (Single Axle)	1	X				
	310-54-GO	Gauge: 3.5" - 54,000 LB (Tandem Axle)	1	X				
	310-80-GO	Gauge: 3.5" - 80,000 LB (Single Axle)	1	X				
		310-HKANT40K-GO	Gauge: 3.5" - 48,000 LB - For Tandem Axle Groups with Hendrickson VANTRAAX HKANT 40K or ULTRAA-K UTKNT 40K Air Suspension Only	1	X			
2	PN-001-0000	Push-Pull Valve (Single Inlet Port)	1	X			X	
3	HW-001-0808	Screw: #8 x 1 3/4" Oval Head Phillips Tapping (Stainless Steel)	2	X			X	
4	PF-001-0010	Reducer Fitting Adaptor: 1/4"-NPT Female to 1/8"-NPT Male (Brass)	1	X			X	
5	HW-004-1401	Insert Lock Nut: 1/4"-20 Nylon (18-8 Stainless Steel)	4		X			X
6	HW-003-0001	Flat Washer: 3/8" (18-8 Stainless Steel)	4		X			X
7	HW-002-0002	Hex Cap Screw: 1/4"-20 x 3/4" (18-8 Stainless Steel)	4		X			X
8	HW-004-3801	Insert Lock Nut: 3/8"-16 Nylon (18-8 Stainless Steel)	2		X			X
9	HW-003-0003	Flat Washer: 3/8" (18-8 Stainless Steel)	2		X			X
10	HW-002-0003	Hex Cap Screw: 3/8"-16 x 1 (18-8 Stainless Steel)	2		X			X
11	HW-010-0001	Mounting Bracket	1		X			
12	EN-001-0004	Exterior Gauge Enclosure Box	1			X		
13	PP-001-0003	Calibration Instructions Sticker	1			X		
14	PP-001-0002	Right Weigh Logo Sticker	1			X		
N/A	PP-003-0000	Instruction Manual: 310-PP	1					

310-M3

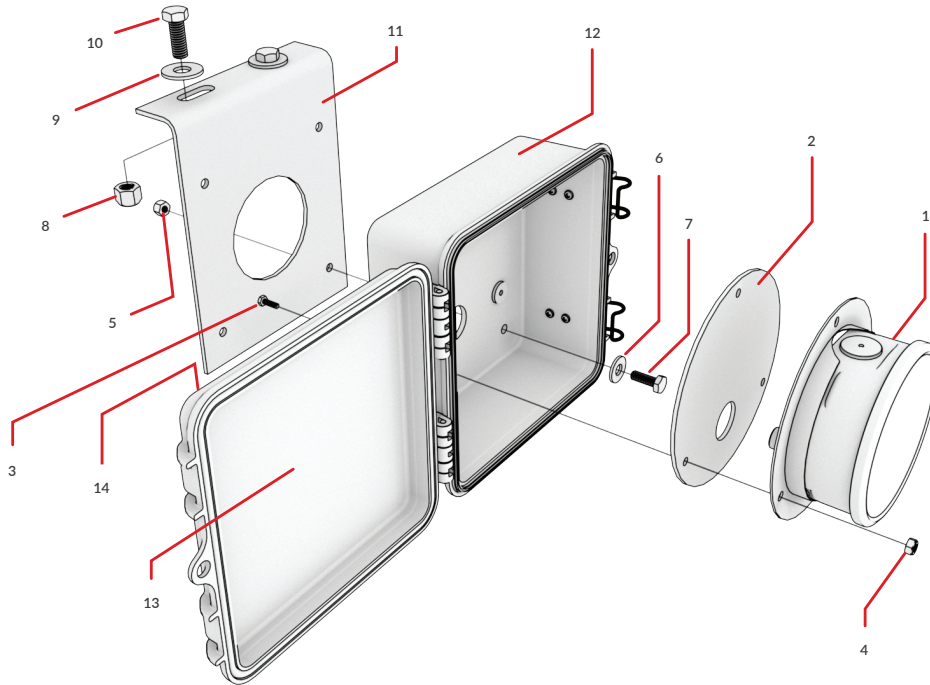


REPLACEMENT PARTS

REPLACEMENT PARTS KITS

Reference #	Part Number	Part Description	QTY	909-BR	909-310	919-M3	HB-001-0000
1	310-16KG-GO	Gauge: 3.5" - 16,000 KG (Single Axle)	1				
	310-25KG-GO	Gauge: 3.5" - 25,000 KG (Tandem Axle)	1				
	310-30KG-GO	Gauge: 3.5" - 30,000 KG (Tri Axle)	1				
	B 310-30KG-GO	Gauge: 3.5" - 30,000 KG (Tri Axle) (Large Dia. Air Bag)	1				
	310-30-GO	Gauge: 3.5" - 30,000 LB (Single Axle)	1				
	310-54-GO	Gauge: 3.5" - 54,000 LB (Tandem Axle)	1				
	310-80-GO	Gauge: 3.5" - 80,000 LB (Single Axle)	1				
	310-HKANT40K-GO	Gauge: 3.5" - 48,000 LB (Tandem Axle) (Hendrickson VAN-TRAAX, INTRAAX, HKANT40K)	1				
2	PN-001-0102	Push-Pull Valve (Dual Inlet Port)	1			X	
3	HW-001-0808	Screw: #8 x 1 1/4" Oval Head Phillips Tapping (Stainless Steel)	2			X	
4	PF-001-0010	Reducer Fitting Adaptor: 1/4"-NPT Female to 1/8"-NPT Male (Brass)	2			X	
5	HW-004-1401	Insert Lock Nut: 1/4"-20 Nylon (18-8 Stainless Steel)	4	X			X
6	HW-003-0001	Flat Washer: 1/4" (18-8 Stainless Steel)	4	X			X
7	HW-002-0002	Hex Cap Screw: 1/4"-20 x 3/4" (18-8 Stainless Steel)	4	X			X
8	HW-004-3801	Insert Lock Nut: 3/8"-16 Nylon (18-8 Stainless Steel)	2	X			X
9	HW-003-0003	Flat Washer: 3/8" (18-8 Stainless Steel)	2	X			X
10	HW-002-0003	Hex Cap Screw: 3/8-16 x 1 (18-8 Stainless Steel)	2	X			
11	HW-010-0001	Mounting Bracket	1	X			
12	EN-001-0004	Exterior Gauge Enclosure Box	1		X		
13	PP-001-0003	Calibration Instructions Sticker	1		X		
14	PP-001-0002	Right Weigh Logo Sticker	1		X		
N/A	PF-001-0008	Brass Adaptor: 1/4"-NPT Female to 1/4"-NPT Male	1				
N/A	PP-003-0013	Instruction Manual: 310-M3	1				

400-54-RFB

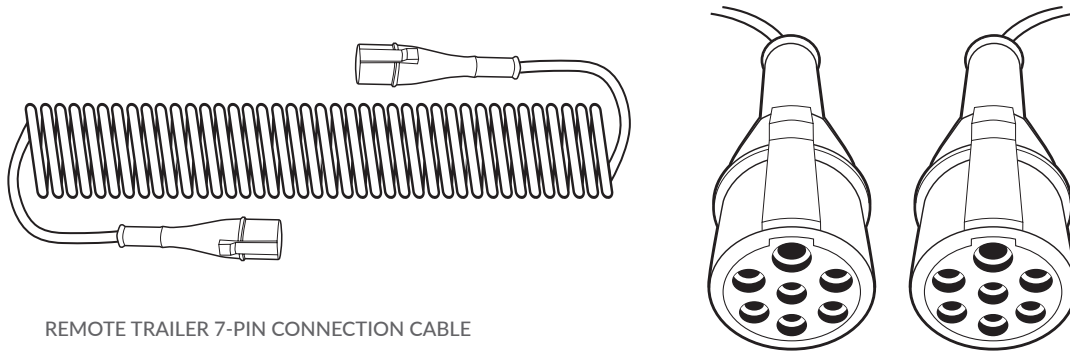


REPLACEMENT PARTS LIST

REPLACEMENT PART KITS

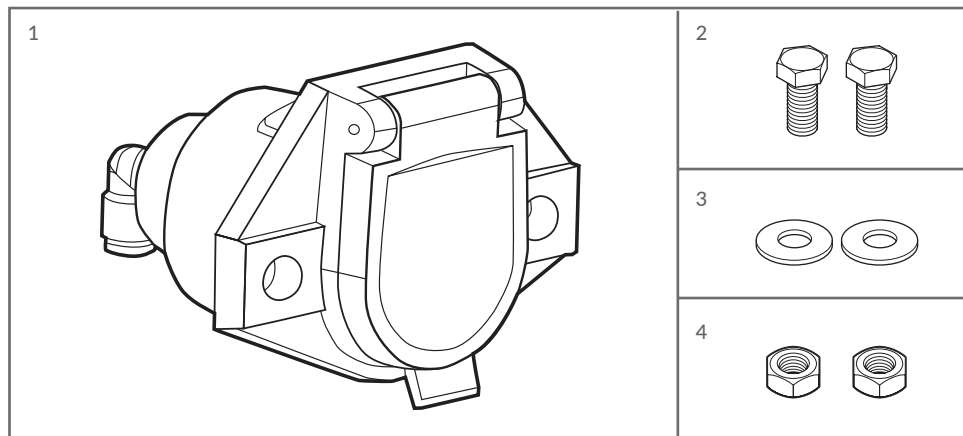
Reference #	Part Number	Description	Quantity	909-BR	HB-001-0000
1	400-54-RF	Gauge: 4" - 54,000LB (Tandem Axle) Glycerin Filled	1		
2	HW-009-0006	400 Series Rear Flange Gasket	1		
3	HW-002-0004	Hex Cap Screw: 6-32 x 1/2" (Stainless Steel)	3		
4	HW-004-6321	Insert Lock Nut: 6-32 Nylon (18-8 Stainless Steel)	3		
5	HW-004-1401	Insert Lock Nut: 1/4-20 Nylon (18-8 Stainless Steel)	4	X	X
6	HW-003-0001	Flat Washer: 1/4" (18-8 Stainless Steel)	4	X	X
7	HW-002-0002	Hex Cap Screw: 1/4-20 x 3/4 (18-8 Stainless Steel)	4	X	X
8	HW-004-3801	Insert Lock Nut: 3/8-16 Nylon (18-8 Stainless Steel)	2	X	X
9	HW-003-0003	Flat Washer: 3/8" (18-8 Stainless Steel)	2	X	X
10	HW-002-0003	Hex Cap Screw: 3/8-16 x 1 (18-8 Stainless Steel)	2	X	X
11	HW-010-0001	Mounting Bracket	1	X	
12	EN-001-0011	Exterior Gauge Enclosure Box	1		
13	PP-001-0003	Calibration Instructions Sticker	1		
14	PP-001-0002	Right Weigh Logo Sticker	1		
N/A	PF-001-0004	Straight Brass Fitting Connector: 1/4" Tube to 1/4"-NPT Female	1		

EL-004-0049



REMOTE TRAILER 7-PIN CONNECTION CABLE

RTSK-01



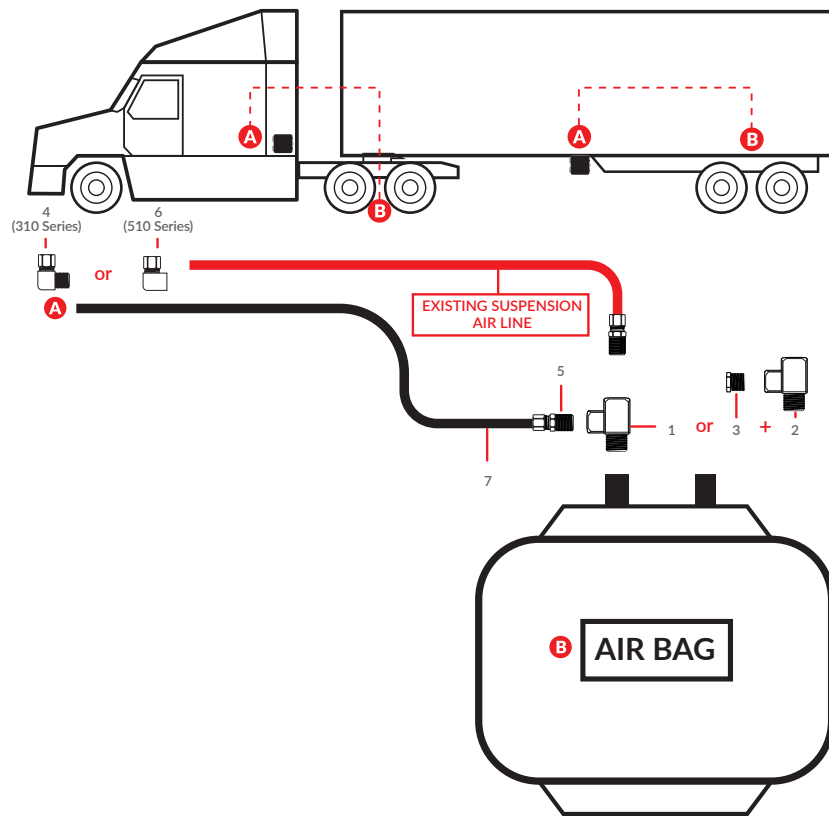
REPLACEMENT PARTS



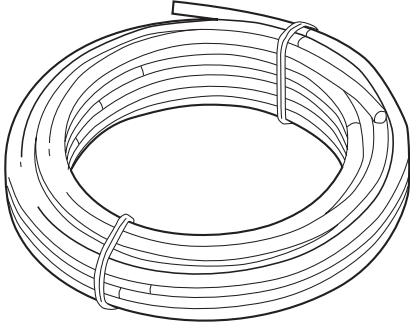
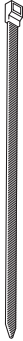




REPLACEMENT PARTS KIT

Reference Number	Parts Number	Part Description	Quantity	HB-001-0006
1	PF-002-0002	Push-to-Connect Fitting: 1/4" Tube to 10-32 Male Elbow Swivel (Nickel Pated Brass)	1	
2	HW-002-0005	Hex Cap Screw: 5/16-18 x 1" (18-8 Stainless Steel)	2	X
3	HW-003-0007	Flat Washer: 5/16" (18-8 Stainless Steel)	2	X
4	HW-004-0004	Nylon Insert Lock Nut: 5/16-18 (18-8 Stainless Steel)	2	X
N/A	PP-003-0032	Instruction Manual: RTSK-01	1	

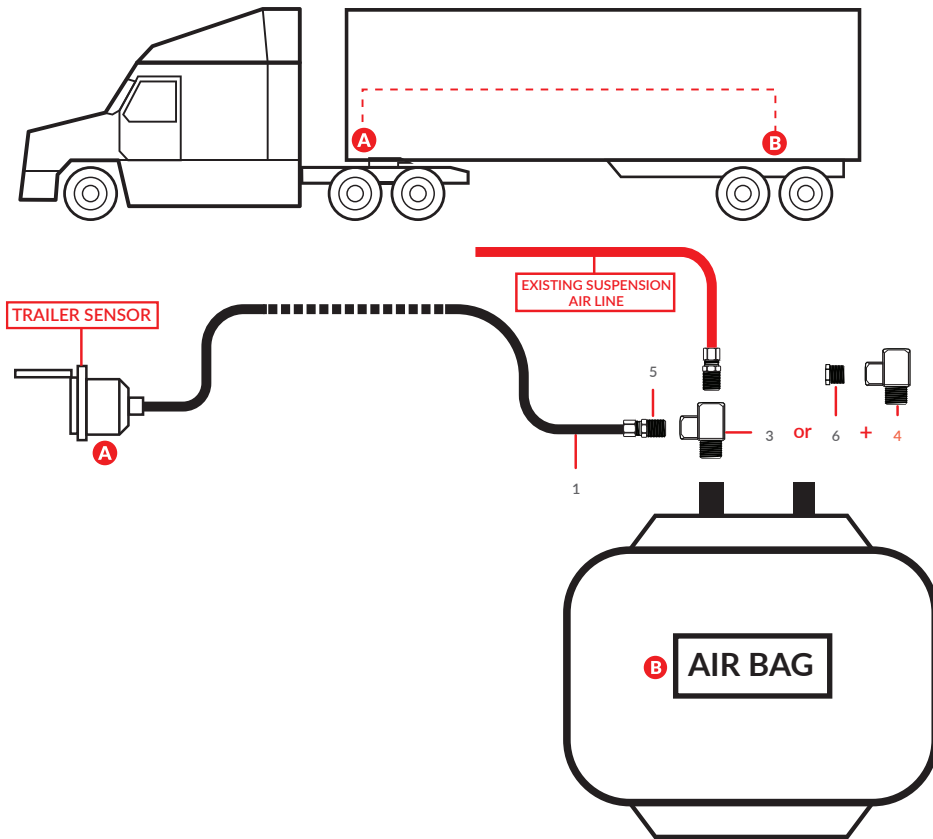
PLUMBING DIAGRAMS

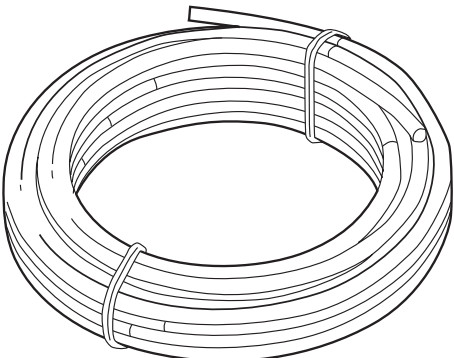
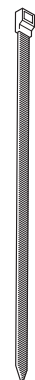
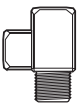
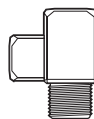

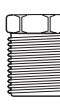
101-SK



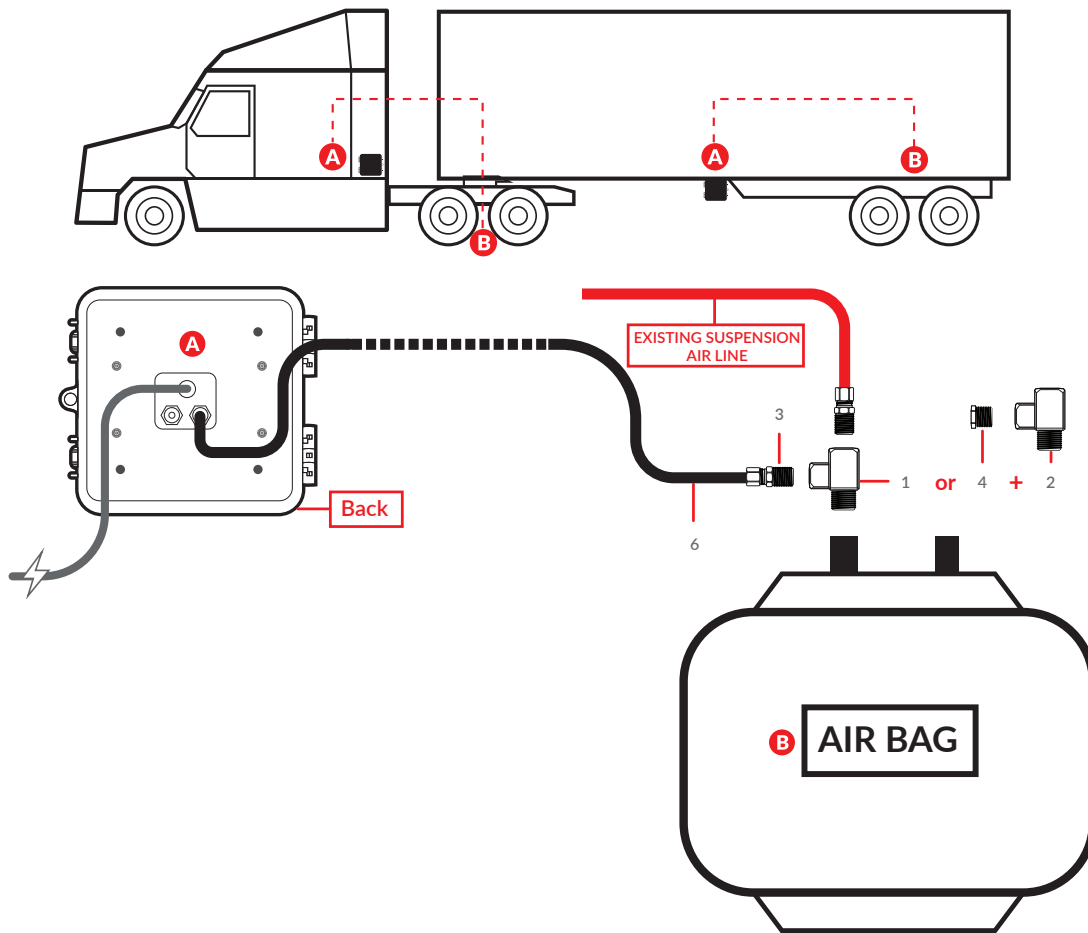
<p>1</p>  <p>1/4" NPT Street Tee Fitting</p>	<p>2</p>  <p>3/8" NPT Street Tee Fitting</p>	<p>7</p>  <p>1/4" Air Line Qty: 30 feet</p>	<p>8</p>  <p>Zip Ties Qty: 15</p>
<p>3</p>  <p>3/8" NPT to 1/4" NPT Reducer Fitting</p>	<p>4</p>  <p>1/4" Male NPT Elbow Fitting</p>		
<p>5</p>  <p>1/4" Male NPT Straight Fitting</p>	<p>6</p>  <p>1/8" Female NPT Elbow Fitting</p>		



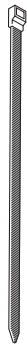
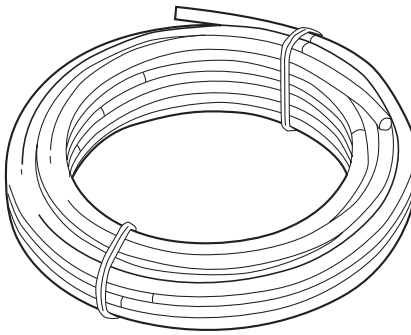


102-SK



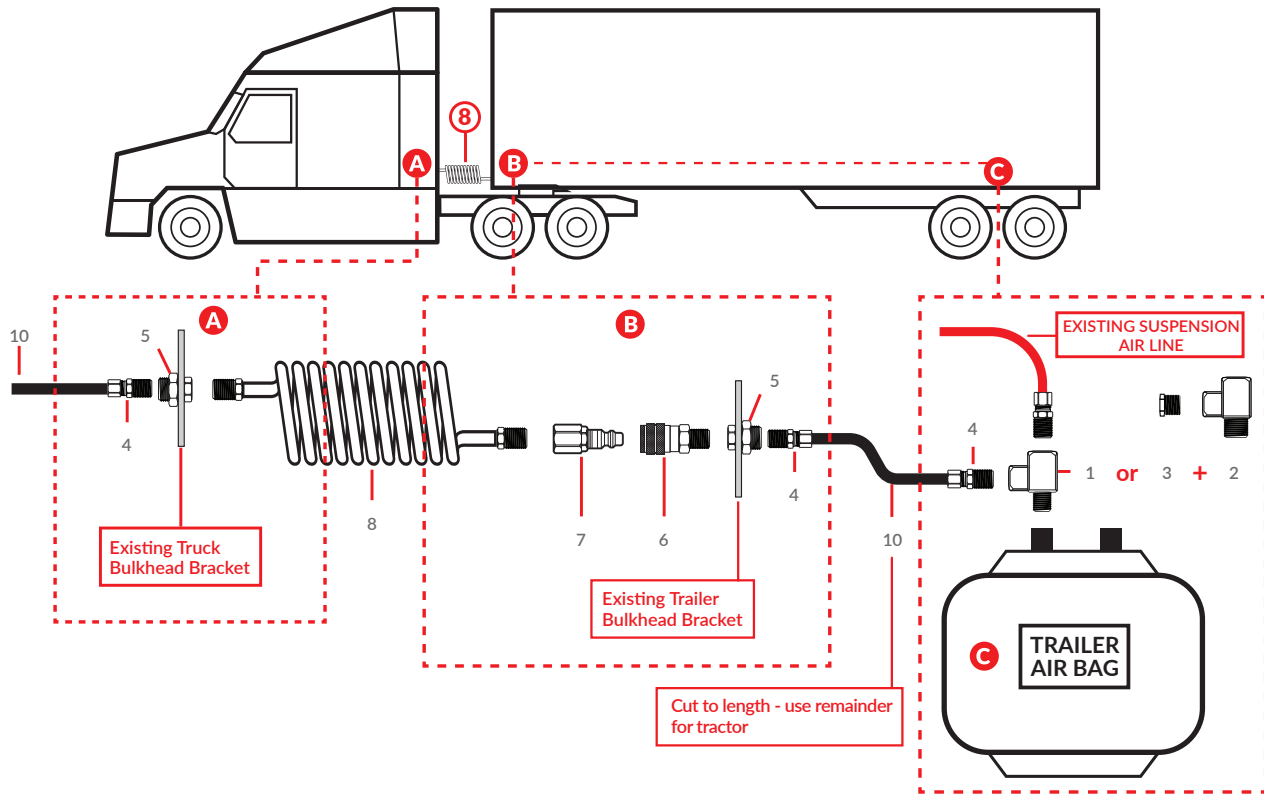
<p>1</p>  <p>1/4" Air Line Qty: 60 feet</p>	<p>2</p>  <p>Zip Ties Qty: 30</p>	<p>3</p>  <p>1/4" NPT Street Tee Fitting</p>	<p>4</p>  <p>3/8" NPT Street Tee Fitting</p>
		<p>5</p>  <p>1/4" Male NPT Straight Fitting</p>	<p>6</p>  <p>3/8" NPT to 1/4" NPT Reducer Fitting</p>

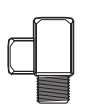
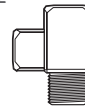



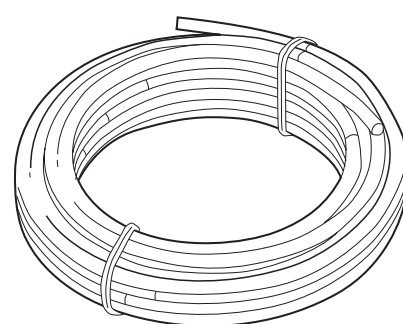
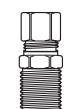

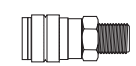
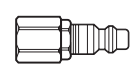
201-SK



<p>1</p>  <p>1/4" NPT Street Tee Fitting</p>	<p>2</p>  <p>3/8" NPT Street Tee Fitting</p>	<p>5</p>  <p>Zip Ties Qty: 30</p>	<p>6</p>  <p>1/4" Air Line Qty: 30 feet</p>
<p>3</p>  <p>1/4" Male NPT Straight Fitting</p>	<p>4</p>  <p>3/8" NPT to 1/4" NPT Reducer Fitting</p>		

301-QDK



<p>1</p>  <p>1/4" NPT Street Tee Fitting</p>	<p>2</p>  <p>3/8" NPT Street Tee Fitting</p>	<p>3</p>  <p>3/8" NPT to 1/4" NPT Reducer Fitting</p>	<p>8</p>  <p>25ft. Coiled Air Line with Male NPT Ends</p>	<p>9</p>  <p>Zip Ties Qty: 40</p>	<p>10</p>  <p>1/4" Air Line Qty: 80 feet</p>
<p>4</p>  <p>1/4" Male NPT Straight Fitting, Qty: 3</p>	<p>5</p>  <p>Bulkhead Fitting</p>				
<p>6</p>  <p>Female Quick Disconnect with 1/4" Male NPT</p>	<p>7</p>  <p>Male Quick Disconnect with 1/4" Female NPT</p>				



Warranty

Right Weigh is committed to providing quality products that function as intended, and we always stand behind our workmanship. Our industry-leading warranty is our best effort to express this commitment. Products manufactured or sold by Right Weigh, Inc. are warranted to be free from significant defects in material and workmanship 3 years from date of purchase. During this time, and within the boundaries set forth in this warranty statement, Right Weigh, Inc. will, at its sole discretion, correct the product problem or replace the product.

This warranty shall not apply to product problems resulting from: (1) Improper application, installation, incorrect wiring, or operation outside of the approved specifications of the product. (2) Accidents, faulty suspension parts or power surges (3) Inadequate maintenance or preparation by the buyer or user (4) Abuse, misuse, or unauthorized modification. (5) Acts of God, lightning strike, floods, fire, earthquake, etc.

Right Weigh, Inc. assumes no responsibility or liability for any loss or damages resulting from use of Right Weigh, Inc. products.

In no event shall Right Weigh, Inc. be liable for direct, indirect, special, incidental or consequential damages (including loss of profits or loss of time) resulting from the performance of a Right Weigh, Inc. product. In all cases, Right Weigh, Inc. liability will be limited to the original cost of the product in question. Right Weigh, Inc. reserves the right to make improvements in design, construction, and appearance of products without notice.

Return Authorization and Credit Policy

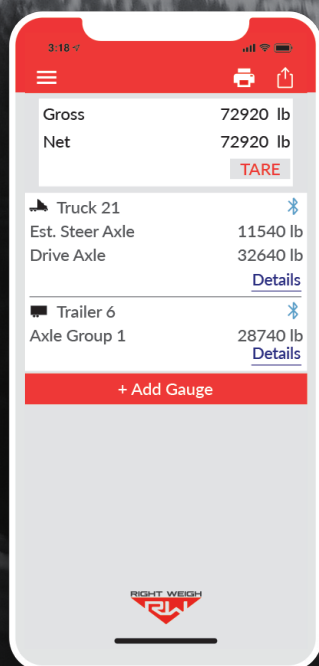
Before returning any product, please obtain a Return Merchandise Authorization number (RMA#) by calling

Customer Service at (503) 628-0838 or emailing rwls@rwls.com. Include the RMA# and information regarding the reason for the return with the returned product. Shipping costs for return must be prepaid by the customer. For your protection, items must be carefully packed to prevent damage in shipment and insured against possible damage or loss. Right Weigh, Inc. will not be responsible for damage resulting from careless or insufficient packing or loss in transit.

An RMA# must be obtained by the original purchaser before any product can be returned for credit. Only new, unused products may be returned. Installed, used, damaged, modified or customized products cannot be returned for credit. Credit will be issued to the original purchaser after evaluation by Right Weigh, Inc.

Repairs & Replacements

An RMA# must be obtained before any product can be returned. Right Weigh, Inc. will evaluate returned products at no charge. If Right Weigh, Inc. determines that the returned product is under warranty, it will repair the product or parts thereof at no charge, or, if unrepairable, replace it with the same or functionally equivalent product whenever possible. Right Weigh, Inc. will return the product at its expense via a shipping method (carrier to be at sole discretion of Right Weigh, Inc.) equal to or faster than the method used by the customer. Products or parts thereof not covered by warranty will be repaired or replaced at customer expense upon authorization by the customer. Right Weigh, Inc. will return the repaired product at customer expense via a shipping method (carrier to be at sole discretion of Right Weigh, Inc.) equal to or faster than the method used by the customer.



With our app, it's easier than ever to monitor your load weight at any time on your smartphone.



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