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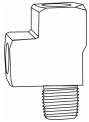
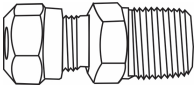
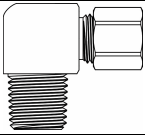
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Specifications:

- Operating & Storage Temperature: -40° C to +85° C (-40° F to +185° F)
- Available Units: Pounds (LBS) / Kilograms (kg)
- Housing: High impact polycarbonate blend
- Gauge Size: 3.5"

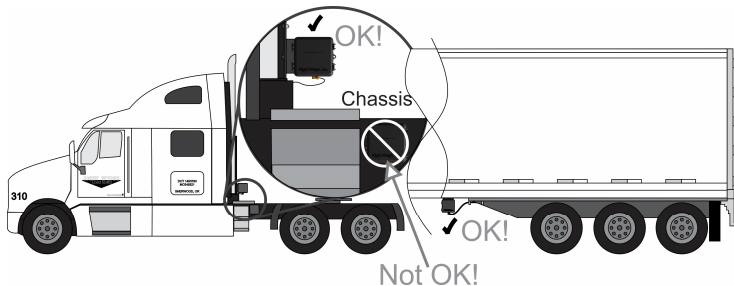
Parts Needed for Installation

Included in 310-RK kits, or sold separately in the 101-SK kit

	Street Tee Fitting: The thread size and type should match the thread size and type of the vehicle suspension
	Standard Air Line Fitting for 1/4" Tubing: The thread size and type should match the thread size and type of the vehicle suspension
	Male Elbow Air Line Fitting for 1/4" Tubing: Tubing size to match the male straight airline fitting. 1/4" NPT to match the thread size of the fitting at the bottom of the load scale.
	Standard 1/4" Tubing: The amount of tubing needed depends on the mounting location of the Right Weigh load scale.

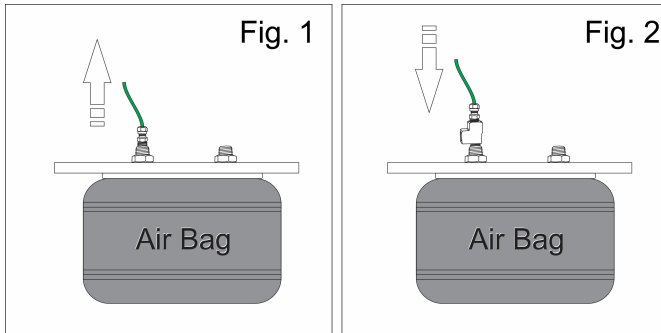
Installation Instructions

1. Mount the Right Weigh load scale in a location on the vehicle that is easily accessible and safe from damage (forklifts, tire caps, etc.) **Do not mount the load scale directly to the chassis or any other main beam unless it is approved by the vehicle manufacturer. Doing so may void the warranty with the vehicle manufacturer.**

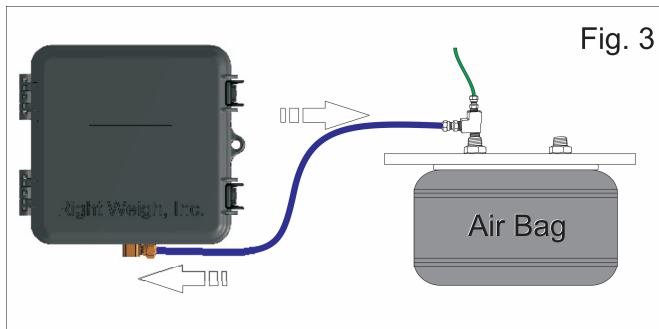


2. Dump the air from the suspension system.

3. Locate and remove the suspension air line fitting from the top of one of the air bags connected to the height control valve. (Fig. 1)
4. Insert a street tee fitting into the top of the air bag. The street tee fitting should match the thread size and type of the vehicle suspension. (Fig. 2)
5. Reattach the suspension air line fitting into the top of the street tee. (Fig. 2)



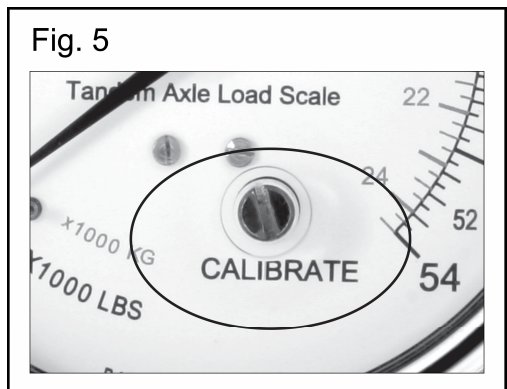
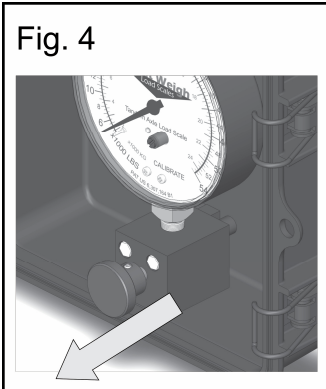
6. Run a new 1/4" air line from the street tee fitting to the mounting location of the Right Weigh load scale. (Fig. 3)



7. Air-up the suspension system and check all fitting connections for air leaks.

Calibration Instructions

1. The vehicle must be loaded. For best results, calibrate with a loaded weight that is within 1,500 lbs or 700 kg) of your typical loaded axle group weight (DO NOT calibrate empty!)
2. Using a certified in-ground scale, obtain a loaded weight for the axle group attached to the Right Weigh load scale.
3. Park on a level surface. Shift the transmission to neutral and set the parking brakes.
4. Chock the wheels to prevent unexpected vehicle movement.
5. Release the parking brakes.
6. Make sure the Height Control Valve (HCV) has fully inflated the air bags. For best results, briefly dump the air from the suspension and allow the HCV to refill the system, (this may take several minutes to refill depending on the type of HCV).
7. Pull the gauge air valve knob into the fully open position. (Fig. 4)
8. Using a flat head screwdriver, turn the calibration screw on the dial face until the gauge matches the certified axle group weight. (Fig. 5)



Operating Instructions

1. Park on a level surface. Shift the transmission to neutral and set the parking brakes.
2. Chock the wheels to prevent unexpected vehicle movement.
3. Release the parking brakes.
4. Make sure the Height Control Valve (HCV) has fully inflated the air bags. For more consistent results, briefly dump the air from the suspension and allow the HCV to refill the system. (This can take several minutes depending on the type of HCV.)
5. Pull the gauge air valve knob into the open position.
6. View the load scale to determine the on-the-ground axle group weight.
7. Push the air valve knob into the closed position and latch the door shut.

Troubleshooting

Erratic or inaccurate readings could result from the following:

- 1) The vehicle is NOT parked on a level surface: parking on a sloped or banked surface will cause the vehicle weight distribution to shift between the axle groups.
- 2) The vehicle's brakes are on. When the vehicle brakes are set, they could apply additional pressure or torque on the air bags. This will cause the air bags to have a different air pressure than what is needed to support the given weight.
- 3) The vehicle is parked on an uneven or rough surface: if one of the wheels are in a pothole, for example, it could result in additional pressure or torque on the suspension air bags. This will cause the air bags to have a different air pressure than what is needed to support the given weight.
- 4) The Height Control Valve (HCV) is malfunctioning and/or broken. If the HCV is not functioning correctly, then the air pressure applied to the suspension system will be inconsistent. To test for a HCV problem, follow steps 1 to 6 of the operating instructions (the vehicle should be loaded). Write down the weight reading from the load scale. Then, drive the vehicle around the block and return to the same location. Follow steps 1 to 6 of the operating instructions again to get a second reading for the load scale. If the two readings are significantly different, then the HCV might be malfunctioning.
- 5) There is a significant air leak in the suspension system. If there is an air leak within the suspension system, this could cause the HCV to refill the suspension at regular intervals to maintain the vehicles ride height. If there is a significant leak, the gauge display will slowly decrease in value and then quickly increase in value when the HCV refills the suspension system.

Additional Support

United States, Canada and All Other Countries:

Right Weigh, Inc.
Tel: (888) 818-2058
www.rwls.com
rwls@rwls.com

Australia and New Zealand:

Smart Truck Solutions
Tel: 0418 622840

Warranty Statement

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. Right Weigh, Inc. may at its sole discretion discontinue support, warranty, or repair of products which it deems are obsolete or for which repair parts are no longer available. No employee or agent of Right Weigh, Inc. has the authority to modify the terms of this warranty in any manner whatsoever without the express written permission of Right Weigh, Inc.

Return Policy and Authorization

Before returning any product, please obtain a Return Materials Authorization number (RMA#) by calling Customer Service at 888-818-2058 or e-mailing rwls@rwls.com. Include the RMA# and information regarding the reason for the return with the returned product. Shipping costs for returns 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. 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

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 warranted 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 warranted 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.

The logo features the text "Right Weigh" in a large, outlined, sans-serif font. Below it, the words "Load Scales" are written in a smaller, solid, sans-serif font. The entire text is positioned above a black downward-pointing arrow shape.

Right Weigh
Load Scales

PP-003-0000 Rev B

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Right Weigh, Inc.

Hillsboro, Oregon, USA

www.rwls.com

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