



# Installation Manual

**WIRING HARNESS KIT**  
FOR SPRING SUSPENSION SINGLE,  
TANDEM, OR TRI-AXLE GROUPS

**226-SK**

For additional support contact:

Smart Truck Solutions  
+61 418 622840  
[rightweigh.com.au](http://rightweigh.com.au)

Right Weigh, Inc.  
Hillsboro, Oregon USA



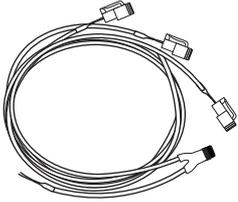
PP-003-0067 Revision C  
April 2021

# POWER CONNECTION

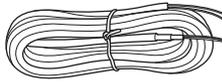


The gauge and strain sensors should be installed before beginning.

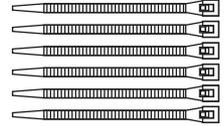
## PARTS INCLUDED:



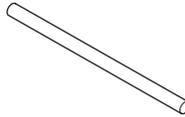
Strain Sensor Wiring  
Harness  
RW #EL-004-0064



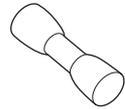
Power  
Extension  
Cable



Zip Ties

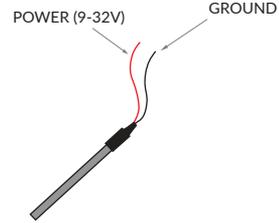


Heat Shrink



Butt Connectors

## CONNECTING TO POWER & GROUND:

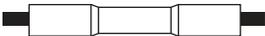


Connect the **RED** wire to a switched positive (+) power source and the **BLACK** wire to chassis ground (-). There is an extension cable included to reach the proper power source. The required supply voltage must be between 9 and 32 volts DC.



**DO NOT** connect directly to a battery or any constant power source, gauge should be connected to a switched source so that it can be disconnected from power when not in use. Most users connect to the vehicle marker lights or auxiliary wire from the 7-way.

It is very important that all wiring connections be made watertight. Connections that aren't water tight can cause corrosion in wiring and cause the scale to lose power.



Crimp each end of the wire into the connector with a wire crimp tool (tool not provided).

After crimping and heat shrinking



With a heat gun or heat torch, heat the connector until it shrinks completely around each wire end. Make sure you do not burn the wire jacket.

Add heat shrink



After heat shrinking

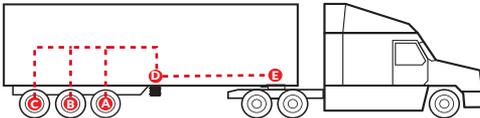
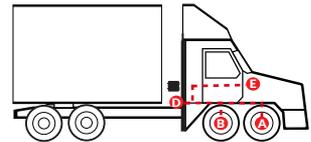
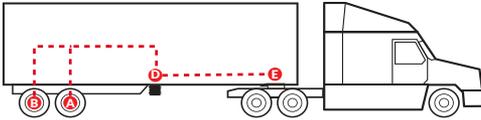
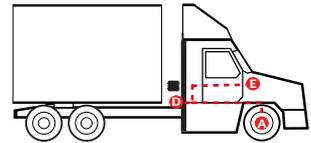
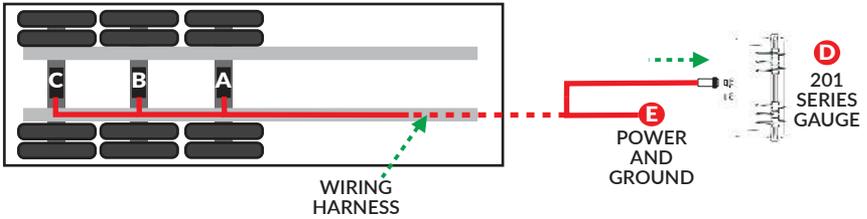


After all connections have been made, heat shrink the entire group of splices so that it seals on the outer jacket of both cables.

## WIRING HARNESS:

Plug the 12-pin connector from the wiring harness into the back of the gauge.  
Run the wiring harness to the correct axle(s).

### TRI-AXLE TRAILER



## STRAIN SENSOR CONNECTION:

Plug the wiring harness connector A to strain sensor connector A. Repeat for sensors B and C, if applicable.



Thank you for choosing to drive more and scale less! Here at Right Weigh, we are committed to making our products simple to install and easy to use. We understand that installation can vary between vehicles and yours may not be described in this manual. In any event, our technical support team is ready to answer your questions!



+61 418 622840



leigh@rwlsau.com.au



rightweigh.com.au

## IMPORTANT!

Please read instructions **COMPLETELY** and thoroughly before installation. Right Weigh, Inc. is not responsible or liable for product failure or vehicle damage due to improper installation. The installation requirements are outlined in this manual and should be followed thoroughly to avoid inaccuracy or damage to the product.

It is also important to be aware of vehicle manufacturer policies before making modifications to the vehicle. Right Weigh, Inc. is not liable or responsible for issues regarding warranties with other manufacturers. This is the responsibility of the customer. If you are unsure about how these installation practices apply to your vehicle, please contact your vehicle or component manufacturer.

**FOLLOW US!**

