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## Installation Instructions

Tow Hitch Wiring Kit  
07-13 Jeep Wrangler  
Part #2912

Please read instructions entirely before installing this product.

Parts Included	Qty	Parts Included	Qty
Wire Harness	1	6mm Nut	2
Bumper Bracket	1	Flat Washer	4
6 x 25mm Hex Bolt	2		

- Step 1:** Disconnect negative cable from battery.  
**Step 2:** Remove driver's side rear taillight. (Fig A)  
**Step 3:** Disconnect the taillight connector (Fig B)

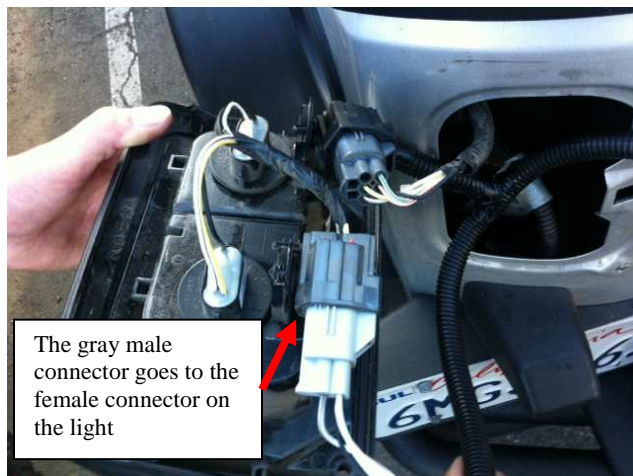


(Fig A)

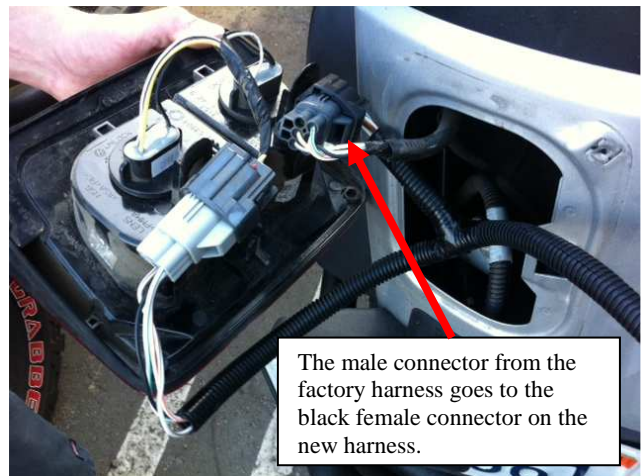


(Fig B)

- Step 4:** Connect new harness, the gray male part goes to the female connector on the light and the male connector from the factory harness goes to the black female connector on the new harness. (Fig C, D)



(Fig C)



(Fig D)

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**Step 5:** Slide the rest of the harness downward the vehicle body inside the opening through/around the foam panel (Fig E) and along the frame towards hitch.



(Fig E)



(Fig F)



(Fig G)

### (OE/Aftermarket Hitch)

**Step 6:** Attach plug at the end of the harness into OEM hitch or Smittybilt hitch (Part# JH45) Fig F, G)

**NOTE:** If you have an aftermarket bumper with hitch make sure bumper is certified to use too tow. You will have to make and locate your own mounting point on most aftermarket bumpers to mount end of harness.

### (Aftermarket Bumper with Hitch)

**Step 7:** If you have an aftermarket rear bumper with a hitch that is tow rated (All Smittybilt Bumpers are Tow rated as Class III) use the included bracket to mount your plug into. (Works with most Bumpers) First determine the desired location for the bracket (Fig H) The bracket can be mounted in several ways. (Front, Back, Bend upwards, Bend downwards) Decide the best option and use the two holes in bracket as a template and mark the holes on the bumper ( Fig I)



(Fig H)



(Fig I)

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**Step 8:** Set bracket to the side and drill the two marked holes using a 1/4" drill bit. (Fig J) Secure bracket to bumper with included 6mm hardware. Attach plug into bracket like Fig G shows, installation is no complete. (Fig K)



(Fig J)



(Fig K)

**Step 9:** Insert clips on harness into OEM holes along frame. (Fig L, M) Make sure all wiring is secured.



(Fig L)



(Fig M)

**Step 10:** Reconnect negative battery cable. Installation is now complete.

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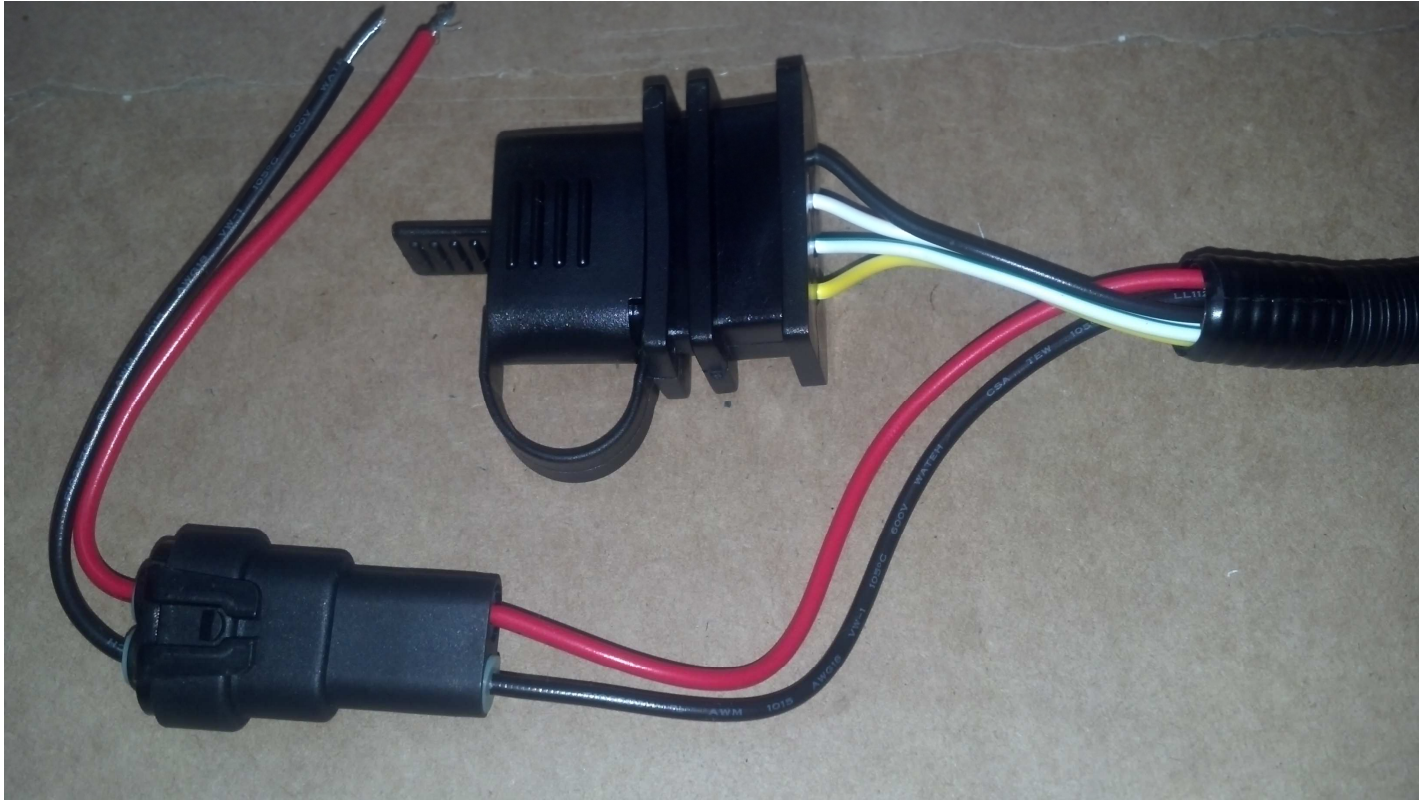
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### Optional Reverse Light

The extra connector with the red and black wires is for adding auxiliary/reverse lights. The red is the 12 volt reverse signal wire. Every time you put your Jeep in reverse the red wire will have 12 volts. The black wire is your ground. If your light does not require more than 6amps, you can wire it directly to the connector. If your single or multiple lights require more than 6amps, **you must run a relay with a fuse.**

**NOTE:** Test lights before each towing use. Always use caution and follow vehicle manufactures towing rules when used.



Always use care and caution when doing electrical work, it is recommended to be done by an authorized automotive electrical technician.

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## **Installation Instructions**

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Compliment your vehicle with other quality Smittybilt products.



Soft Goods



Winches



Bumpers

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Smittybilt's products are covered under the following limited warranties only. Note that the duration of the limited warranty differs according to the material and finish of the product purchased. Subject to the duration and conditions of the limited warranty stated below, Smittybilt warrants to the original retail purchaser that its products are free from defects in material and workmanship. All other warranties and representations express or implied, are hereby disclaimed, including fitness for merchantability and buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, improper installation, accident or contact with on-road or off-road hazards, product modification, improper or inadequate cleaning and/or maintenance. Smittybilt is not responsible for items damaged during shipping. This warranty is not transferable from the original buyer. For the original Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase. Smittybilt strongly recommends returning the warranty registration card.

Customer's remedy hereunder shall be limited only to repair or replacement (at Smittybilt's option) of any defective part(s) returned to Smittybilt at customer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Smittybilt's sole discretion.

To assure product quality, Smittybilt reserves the right to change product design, material, specification and finishes without prior notice to customers. This limited warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply as to you. Also, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Smittybilt reserves the right to discontinue product lines and substitute products, or provide other remedies than those listed in this limited warranty for those discontinued products.

### **Warning**

Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories may affect your vehicles' handling, stability and performance, creating an increased risk of accident or rollover. Before installing any accessory, check state laws and assure that the accessory will not obscure any lights or interfere with proper operation on your vehicle's safety equipment. Consult your owner's manual and the Smittybilt instructions, or additional safety information. Smittybilt products, nor the warnings contained herein, are not a substitute for your safe driving. Don't drink and drive, always use seat belts and don't drive faster than conditions permit.

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