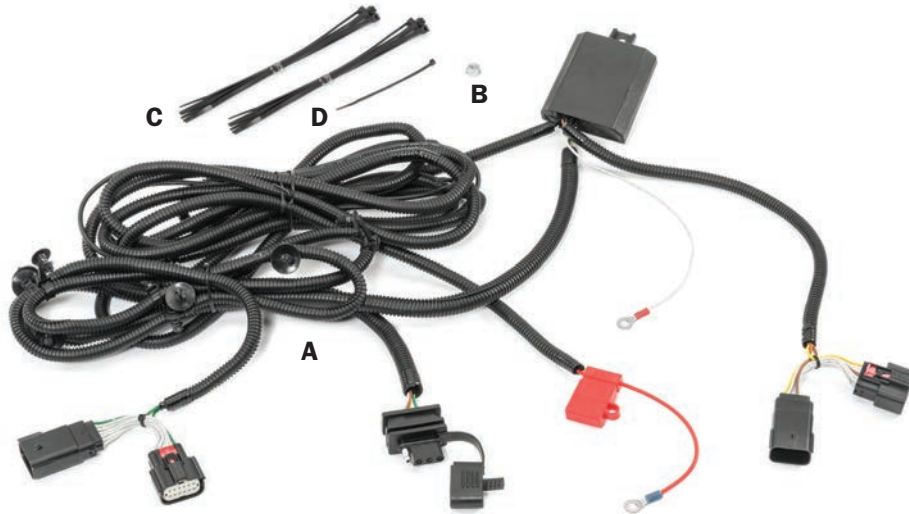


Trailer Hitch Wiring Harness for Jeep® Wrangler (JL) & Unlimited (JLU) '18-Current

Installation and Instruction Manual
#92015.8004



⚠ WARNING ⚠

READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS AND PROCEDURE *NOTICES* BEFORE ATTEMPTING TO INSTALL OR USE THIS PRODUCT.

⚠ WARNING ⚠

VEHICLE BATTERY MUST BE DISCONNECTED DURING WIRING HARNESS INSTALLATION.

⚠ WARNING ⚠

FAILURE TO DISCONNECT BATTERY COULD RESULT IN ELECTRICAL SHOCK TO THE PERSON PERFORMING INSTALLATION.

⚠ CAUTION ⚠

FAILURE TO DISCONNECT BATTERY COULD RESULT IN DAMAGE TO VEHICLE ELECTRICAL SYSTEM.

PARTS LIST:

- A.) Trailer Wiring Harness Assembly (1)
 - B.) M6 Flange Nut (1)
 - C.) Lang Cable Ties Zip Ties (16)
 - D.) Short Cable Tie (1)
- Double Sided Tape

REQUIRED TOOLS:

- Safety Glasses
- 10mm Socket & Ratchet
- 8mm Socket
- T-40 Torx Socket or Factory Jeep Tool Kit
- Forked Clip/Trim Removal Tool
- Side Cutters

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JL Trailer Wiring Harness Installation:



Put on safety glasses. Start by removing the factory splash guard. Remove the 6 screws holding the inner shields on, 3 on either side, using a 8mm socket. (FIG1)



On both sides of the vehicle remove the plastic trim to gain access to the tail light mounting hardware. (FIG2)



Using a T-40 torx bit loosen the tail light mounting hardware on both sides of the vehicle. (FIG3)



Remove the drivers side tail light from the body and let it hang carefully. (FIG4)



Route the new wiring harness box up the wheel well and into the tail light cavity. (FIG5) Disconnect the original harness from the tail light housing using a clip removal tool.

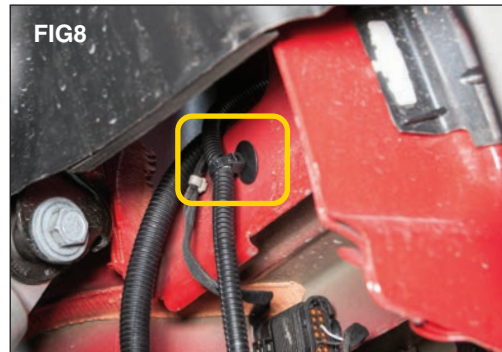


Slide the red locking tab outward and disconnect the plug. Install the tee harness with the yellow wire in the reverse fashion. (FIG6)

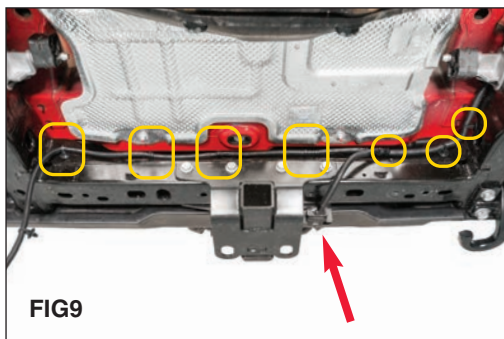
JL Trailer Wiring Harness Installation:



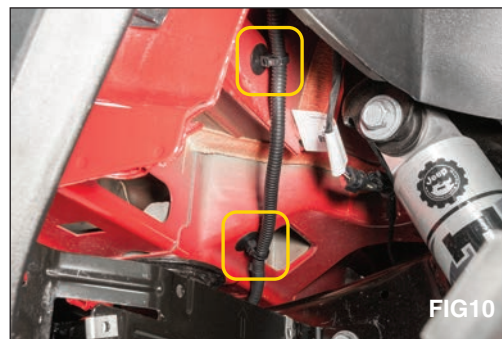
Install the ground wire terminal on the protruding bolt with the provided flange nut using a 10mm socket. (FIG7)



Install the first cable tie of the main power wire, black, into the hole just above the rear bumper connector. (FIG 8)



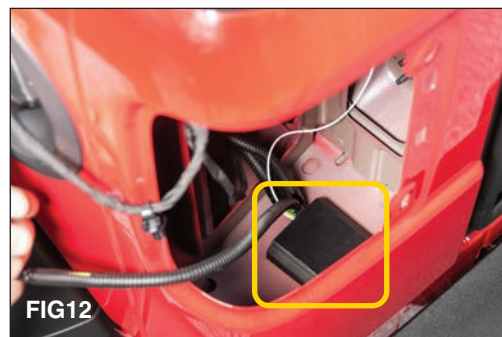
Route the trailer plug harness down and over the frame rail pushing the wire ties into each hole along the way, 7 total. Install the 4 way trailer connector into the hitch mount (FIG9)



Route the tee harness with green wire up and over the frame rail pushing the wire ties into each hole along the way, 2 total. (FIG10)

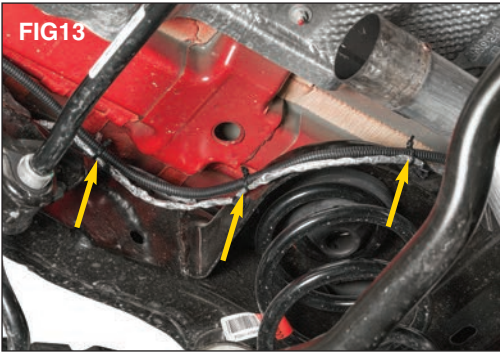


Route the tee harness with green wire up through the holes and into the rear tail light cavity. Disconnect the original harness from the tail light. Slide the red locking tab outward and disconnect the plug. Install the tee harness in the reverse fashion. (FIG11)

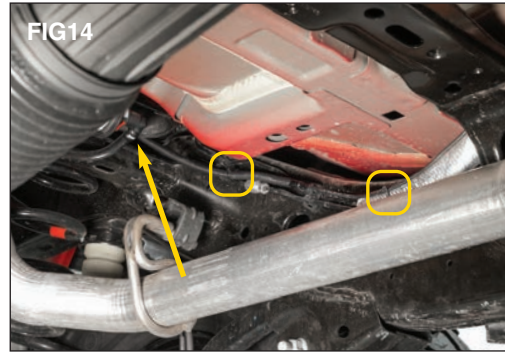


Using the double sided tape provided attach the trailer harness control module to the floor of the drivers side tail light cavity. Be sure the surface is clean & prepped properly for good adhesion. (FIG12)

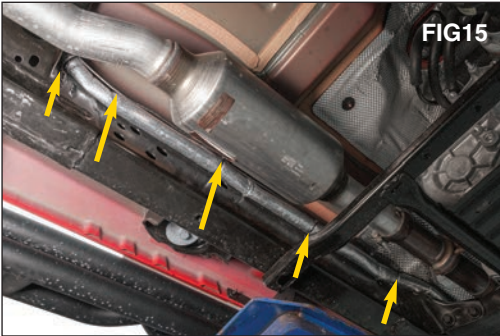
JL Trailer Wiring Harness Installation:



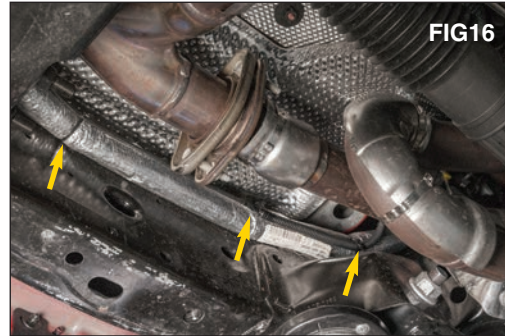
Route the power wire harness (Black) along the frame securing it to the factory wiring loom along the way using the supplied wire ties. (FIG13) Be sure to keep it away from the exhaust as much as possible.



Continue to route the harness up & over the coil spring mount crossmember and along the frame securing it to the factory wiring loom along the way. (FIG14) Be sure to keep it away from the exhaust as much as possible.



Continue to route the harness securing it to the factory wiring loom along the way. (FIG 15) Be sure to keep it away from the exhaust as much as possible.



Route the harness up towards the firewall securing it to the factory wiring loom. (FIG 16) Be sure to keep it away from the exhaust as much as possible.

NOTICE

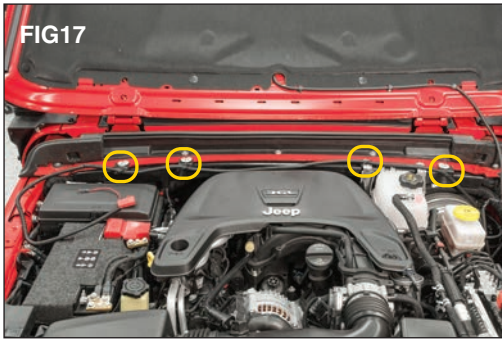
ON 2 DOOR MODELS THERE WILL BE SOME EXTRA SLACK IN THE MAIN POWER WIRE.

Before finalizing cable tie placement for Step 16 we recommend continuing to step 17 & 18 and leaving the slack under the vehicle so the wiring loom can be tied up away from the exhaust (noted on the right hand side in figure 16).

Coil up the excess wire and tie away from exhaust as much as possible. We recommend keeping the coiled wire above a crossmember or below the brake booster on the firewall.

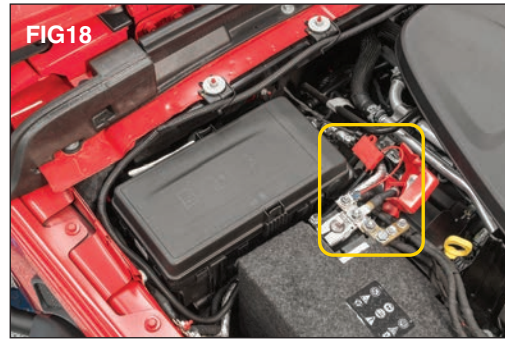
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JL Trailer Wiring Harness Installation:



Route the harness up the firewall to the right of the brake booster and towards the battery securing it along the way. (FIG17)

Using side cutters trim any excess length from the cable ties used to secure any wiring.

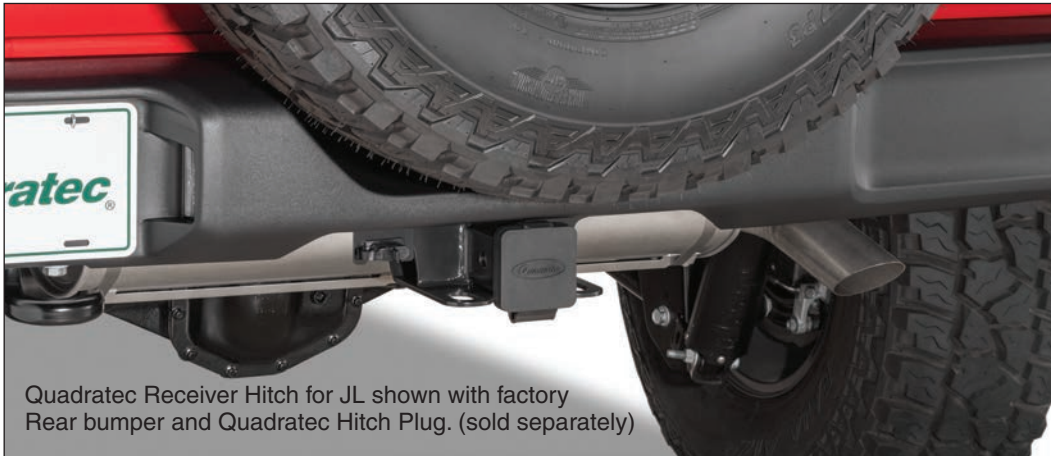


Connect the power wire to the battery terminal as showing using a 10mm socket. (FIG18)

Replace the red battery cover to its original position.

Wiring Installation is now complete.

Results:



Quadratec Receiver Hitch for JL shown with factory Rear bumper and Quadratec Hitch Plug. (sold separately)

⚠ WARNING ⚠

IMMEDIATELY CHECK VEHICLE TAIL LAMPS AND TRAILER LAMPS TO ENSURE THAT BOTH TURN SIGNALS, BRAKE, FLASHER, DRIVING AND BACKUP LAMPS ARE ALL FUNCTIONING PROPERLY. IF NOT, DOUBLE CHECK YOUR WORK OR SEEK A PROFESSIONAL AUTOMOTIVE TECHNICIAN SINCE A PROBLEM MAY EXIST WITHIN THE "TRAILER" WIRING.

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