

56217

TOYOTA HIGHLANDER

2008-2013

WIRING LOCATION GUIDE



MUST READ FIRST!

All steps must be followed to ensure correct function of the T-Connector. To verify proper installation once installed, test by connecting a test light or properly wired trailer.

1. Access the vehicle's wiring harness connector located in the rear hatch behind the rear scuff panel in position S3 as shown in the Wiring Location Guide.
 2. Locate vehicle's battery on the driver's side under the hood and disconnect the negative battery terminal.
 3. Locate the vehicle's 10-Pin tow plug located underneath the dash on the driver's side between the emergency brake pedal and the brake pedal (A). Check to see that the mating surfaces of the vehicle harness connectors match the 10-Pin tow plug adapter ends.
 4. Insert the 10-Pin tow plug adapter and lock into place. Take care not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place (B).
 5. Mount the black box under the dash using the double-sided tape and cable ties provided. To prevent damage, be careful to avoid any areas that would cut or pinch the wire. Using the cable ties provided to secure the remainder of the wire harness to prevent from having wires exposed underneath the dash area.
- WARNING!**
Verify miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and/or personal injury.
6. Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle's frame or drill a 3/32" pilot hole for the provided screw. Clean the ground area of rust and dirt. Secure the white ground wire using the ring terminal and screw provided.
 7. Insert the 10 AMP ATC fuse provided into the inline fuse holder.

8. Open the vehicle's rear tailgate. On the driver's side, remove access panels, scuff panel, trunk floor panels and trays (C,D,E). Set aside all items removed taking care not to damage them.
9. On the driver's side, locate the vehicle's factory 4-Pin tow harness connector. Check to see that the mating surfaces of the vehicle harness connectors match the Tow-Plug Adapter end. All connector surfaces should be clean and free of dirt (F).
10. Insert the 4-Pin Tow-Plug Adapter and lock into place. Take care not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place (G).
11. Route the 4-flat to the center of the vehicle when in use. When not in use roll up and store in a convenient, out of the way location.
12. Reinstall all items removed during install.
13. See the fuse panel cover or the owner's manual for the correct position of the towing fuse (H). Insert the supplied 10 amp fuse as shown (I).
14. Connect negative battery terminal.

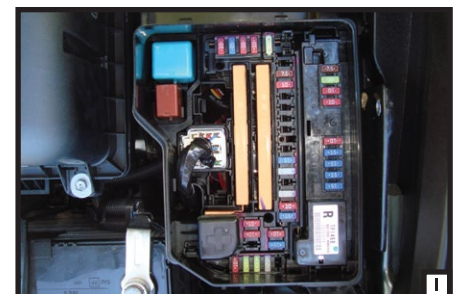
IMPORTANT!

The battery connection must be fuse protected, 10 amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire. Do not exceed the tow vehicle's lamp load rating or the product rating, whichever is lower:

Signal Circuits - 3.0 amps per side

Tail/Running Circuits - 6.0 amps total

Check vehicle owner's manual or contact the vehicle manufacturer for more information.



56217

TOYOTA HIGHLANDER

2014

WIRING LOCATION GUIDE



S8

MUST READ FIRST!

All steps must be followed to ensure correct function of the T-Connector. To verify proper installation once installed, test by connecting a test light or properly wired trailer.

1. Access the vehicle's wiring harness connectors located in the rear hatch behind the rear scuff panel in position S8 as shown in the Wiring Location Guide.
2. Locate vehicle's battery on the driver's side under the hood and disconnect the negative battery terminal (A).
3. Open the vehicle's rear tailgate. Remove all the floor coverings and fold the rear seats down (B).
4. Remove the center rear storage tray cover (C).
5. Remove the plastic push fasteners along the bottom edge of the third row seats (D).
6. On the driver's side remove the side storage cover (E) and the storage tray by pulling upward (F).
7. Remove the 10mm nut from the storage tray (G). Remove the storage tray.
8. Locate the vehicle's wiring connectors along the backside of the vehicle under the rear scuff panel (H). The vehicle's connectors will be similar to that of the product.
9. Insert the 10-Pin and 4-Pin tow plug adapters into the vehicle's 10-Pin and 4-Pin connectors. Take care not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place (H).

WARNING!

Verify miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and/or personal injury.

10. Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle's frame or drill a 3/32" pilot hole for the provided screw. Clean the ground area of rust and dirt. Secure the white ground wire using the ring terminal and screw provided.
 11. Inside the vehicle, locate a flat spot and adhere the black converter box using the double-sided tape provided.
 12. Insert the 10 AMP ATC fuse provided into the inline fuse holder.
 13. Route the 4-flat to the center of the vehicle when in use. When not in use roll up and store in a convenient, out of the way location.
 14. Reinstall all items removed during install.
 15. See the fuse panel cover or the owner's manual for the correct position of the towing fuse. Insert the supplied 10 amp short fuse (I).
 16. Connect negative battery terminal.
- IMPORTANT!**

The battery connection must be fuse protected, 10 amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire. Do not exceed the tow vehicle's lamp load rating or the product rating, whichever is lower:

Signal Circuits - 3.0 amps per side

Tail/Running Circuits - 6.0 amps total

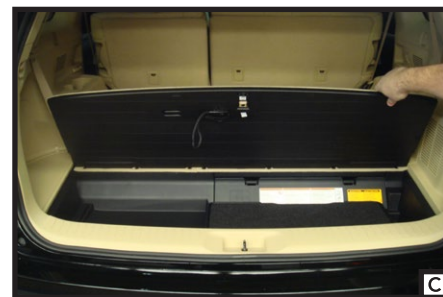
Check vehicle owner's manual or contact the vehicle manufacturer for more information.



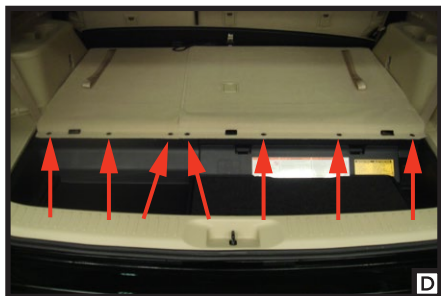
A



B



C



D



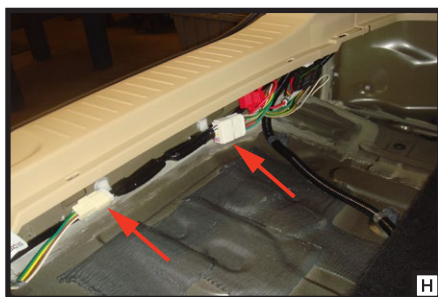
E



F



G



H



I

