



43445 - Vehicle Wiring Installation Instructions

Toyota Rav4 2006-2009

1. Open rear hatch, temporarily remove the rear threshold plate, privacy screen, storage covers and the floor covering.
2. Partially remove the rear interior trim panels on both the driver and passenger side of the vehicle. Several trim panel fasteners will need to be removed to remove the panels. Set aside all items removed being careful not to damage parts.
3. On the driver and passenger sides of the vehicle. Locate the vehicles' taillight wiring harnesses. The taillight wiring harness will have a connection point, on both sides, matching the ends of the Hopkins® T-Connector wiring assembly. Unplug these connectors, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt.
4. On the driver's side, attach each end of the T-Connector containing the yellow and the brown wires. Ensure that the connectors are fully inserted with locking tabs in place.
5. Route the T-Connector containing the green wire below the threshold cover to the passenger's side taillight housing. Attach each end of the T-Connector containing the green wire to the mating vehicle connectors. Ensure that the connectors are fully inserted with locking tabs in place.
6. On the drivers side locate and secure the T-Connector black converter box with ny-ties provided to prevent damage or rattling and being careful to avoid areas the would cut or pinch the wire.
7. Locate a suitable grounding point near the converter box. (Do not drill into vehicle floor or bed.) Clean dirt, paint and rust proofing from area. Drill a 3/32" hole and secure white wire with ring terminal using screw provided. Do not drill into any exposed exterior surfaces.
8. Disconnect the vehicle's Negative (-) battery cable.
9. Attach the red power feed wire provided by crimping the yellow butt splice on the converter module assy. Route the red power feed wire out of the lower rear driver side underneath the vehicle, and secure along underside of vehicle routing it to the vehicle battery securing it as needed with ny-ties (provided).
10. Install the fuse assembly with the yellow butt splice onto the red 12 ga. power feed wire crimping the yellow butt splice to hold it in place.
11. Attach the fuse assembly yellow ring terminal to the positive 12VDC battery cable clamp bolt. Reconnect the vehicle's Negative (-) battery.
12. Secure all loose wiring behind the panels on both the driver's side and passenger side.
13. Reinstall the plastic trim panels, threshold, storage covers, floor covering and other items removed during installation. Be careful to avoid any areas that would cut or pinch the wire.
14. Route the 4-way flat harness to either side of the receiver hitch and secure it with ny-ties.
15. Attach the 4-way flat dust cover (provided) to the 4-way flat connector.
16. Apply a small amount of grease (provided) to the 4-way flat terminals to prevent corrosion.
17. Plug completed wire harness into the trailer 4-way flat connector.
18. Test all functions with the engine running to ensure proper operation.

TIPS:

Grease applied to the wiring terminals on a regular basis will help prevent corrosion.

Always unplug boat trailer connector before backing trailer into the water.

Need Help? (English Only)
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