

Installation Instructions

T-Connector



Pathfinder



Xterra



Frontier/
Equator

READ THIS FIRST:

Read and follow all vehicle warnings and installation instructions before beginning installation. Wear safety glasses and use all safety precautions during installation.

TOOLS NEEDED:

Test-probe, Trim Panel Puller

JUMPER HARNESS INSTALLATION

1. Insert relays. (Included)

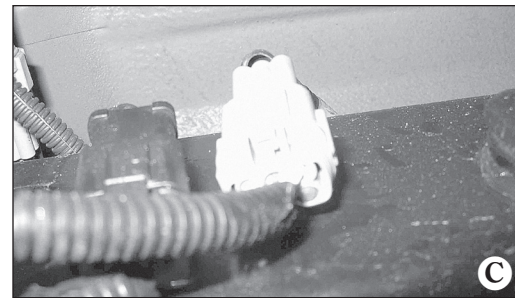
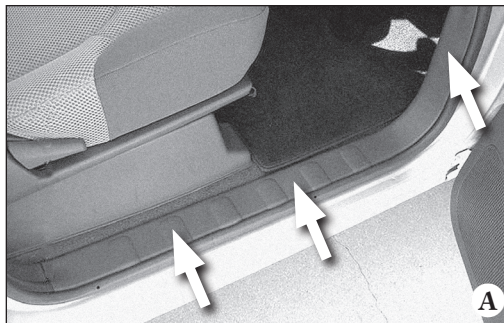
NOTE

The use of relays that differ from the relays included can result in the unit not to function or may damage the vehicle and or trailer.

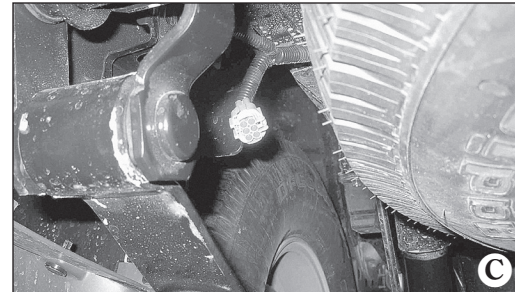
2. Start by locating the vehicle's 12 pin jumper plug located in vehicle cab on the passenger's side, behind the kick panel.
3. Using a trim panel puller, temporarily remove passenger side floor sill by first pulling upwards (1) and then out towards the rear of the vehicle (2), being careful not to damage the panel fasteners (A).

Remove the passenger side kick panel. The 12 pin jumper plug will be located behind this panel and will mate with the included jumper plug (B).

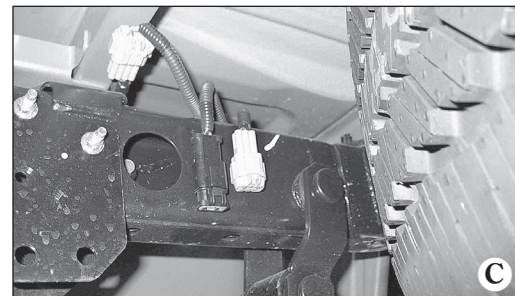
4. Insert the jumper harness with relays the vehicle's 12 pin harness and lock into place. Ensure that the connectors are fully inserted with locking tabs in place. Secure the remainder of the jumper harness with the cable ties and foam tape provided, to prevent damage or rattling and being careful to avoid any areas that would cut or pinch the wire.
5. Replace the passenger side kick panel and floor sill into their original positions.



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TOW PLUG HARNESS INSTALLATION

1. From underneath the vehicle, locate the T-connector harness. Locate the vehicle tow plugs, located near the driver's side rear tire. Remove the vehicle tow plug protective caps and return to customer. All connector surfaces should be clean and free of dirt (C).
2. Connect the T-Connector end to the vehicle's mating connector. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.
3. Plug the 7-way socket (provided) into the Trailer Tow Harness. Route 7-Way to the center of vehicle. Mount the 7-Way end in an accessible location with a bracket or electrical box (not included). Secure the remainder of the T-connector harness with the cable ties provided, to prevent damage or rattling and being careful to avoid any areas that would cut or pinch the wire.

⚠ WARNING

All connections must be complete for the T-Connector to function properly. Test and verify installation with a test light or trailer once installed.



⚠ WARNING

Overloading circuit can cause fires. DO NOT exceed lower of vehicle manufacturer rating or:

- Max. stop/turn light: (10 amps)
 - Max. tail lights: (10 amps)
 - Max. backup: (10 amps)
 - Max. power circuit: (20 amps)
 - Max. trailer brakes: 3 Axles/6 brakes (18 amps)
- Read vehicle's owners manual & instruction sheet for additional information.