RV TOW Harness Wiring Kit
INSTALLATION INSTRUCTIONS
Fits: Jeep Grand Cherokee

Kit Includes:
(1) Wiring Harness
with 4-Flat Connector
(1) 48" 4-Flat Extension
(20) 15" Cable Tie
(1) 4-Flat Bracket
(3) #8 Self-Tapping Ground Screw

RV TOW HARNESS
INSTALLATION INSTRUCTIONS

1. Read instructions thoroughly before beginning.

2. Open the rear tailgate and using a Torx T-20 screwdriver screws that hold both taillight assemblies to vehicle. Gently pull taillight away from vehicle and locate vehicle's factory wiring harness connectors. Separate connectors from both sides and set aside shown in **Figure 1**. Inspect connectors for dirt and debris and clean if necessary.



Figure 1

3. Starting on driver's side position RV harness with connectors containing Yellow wires between separated vehicle harness connectors. Press connectors firmly into vehicle connectors until they lock into place. Pull on connectors to ensure the locks are engaged.

4. Locate a clean and accessible mounting location on the vehicle near the RV harness ends within reach of white wire and ring terminal. Remove any debris or undercoating to expose a clean metal surface and drill a 3/32" hole.

Caution: Take care not to drill through the body or any exposed surface.

5. Attach ring terminal on White wire using ground screw provided.

6. Cut the cable ties on 4-Flat portion of harness. Route the remaining portion of the RV harness with connector ends containing the Green wire through the opening behind the taillight.

7. Route the portion of harness with the T-Connector ends containing Green wire to the Passenger side along the rear frame rail and secure with the cable ties provided.

Caution: Avoid routing the RV harness on the spare tire. It may be necessary to remove spare tire during install.

8. Using a fish tape or stiff wire route the portion of harness with the T-Connector ends containing Green wire up through the passenger side opening. Once T-Connector ends are routed into the taillight cavity repeat Step 3 for plugging

9. Back on driver's side route the 4-Flat portion of the RV harness down through the taillight opening. Route it along the frame to where you can locate the brake lines shown in **Figure 2**. Secure 4-Flat harness to brake lines with cable ties provided.



Figure 2

10. Continue routing 4-Flat along the brake lines to front of vehicle securing it along the way with cable ties up through the engine compartment along the driver's side following factory wiring harness shown in **Figure 3**.

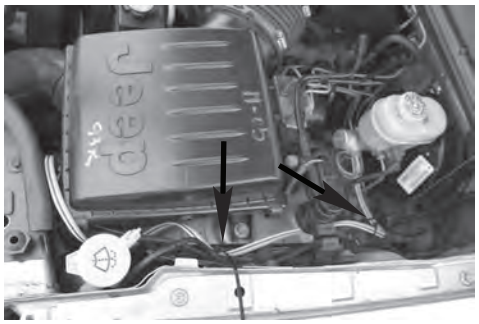


Figure 2

Caution: Make sure to avoid areas that contain moving parts or could cut, pinch or burn the wires when routing the 4-flat harness towards the front of the vehicle. Also avoid routing harness near the fuel lines as it may cause the fuel to ignite.
Failure to follow these warnings may cause property damage, personal injury or loss of life.

11. Locate the area in front of the air filter on the frame. Using the bracket as a template mark the two holes and drill two 3/32" holes and attach the bracket using the two remaining screws.

Caution: Take care not to drill through the body or any exposed surface.

12. With the 4-flat extension plugged into the RV harness on one end and the motorhome on the other, test that the functions work on the Jeep Grand Cherokee. These functions will only work on the brake/tail combination lamp.

4-Flat Harness Color Code:
White - Ground
Brown - Tail Lights
Green - Right Turn and Brake Signal
Yellow - Left Turn and Brake Signal

When not in use store the 4-flat extension in the vehicles glove box.

13. At the rear of the vehicle secure any loose wires to the vehicle's crossmember using cable ties provided. Re-install taillights to vehicle.

NOTE: THIS RV HARNESS ALSO INCLUDES A CONNECTION POINT LABELED"**FOR TRAILER TOW USE ONLY: 4-FLAT HARNESS REQUIRED.**" IF YOU DECIDE TO LEAVE YOUR RV HARNESS ON THE VEHICLE AT ALL TIMES AND WANT TO TOW A TRAILER SIMPLY PLUG IN 4-FLAT HARNESS.