RV TOW Harness *Wiring Kit*

INSTALLATION INSTRUCTIONS

Fits: Honda CRV

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. Remove floor cover, spare tire cover and tray and set to the side. Remove threshold plate by removing two clips on threshold plate and gently pulling up. Set threshold plate to the side.

3. Starting on driver's side use a flat screwdriver to open the cargo net hook covers. Use a phillips screwdriver and remove bolts. Use a 10mm socket to remove bolts on floor cargo tie downs. Gently pull side panel away from body taking care not to damage alignment tabs. Locate vehicle tail light connectors. They will be similar to those on the RV harness. Repeat this step on the passenger side panel but first remove spare tire jack.

Figure 1

4. Remove driver's side taillight by using a phillips screwdriver. Unplug the set of Gray connectors and gently pull on taillight taking care not to break locking tabs. Pull grommet away from body and set taillight to the side.

5. 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.

Note: At this point there is only one connection on driver's side.

6. 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.

7. Attach ring terminal on the White wire using the ground screw provided.

8. Route portion of RV Harness with connectors containing Green wires down to bottom of side wall panel along the rear of vehicle and up behind passenger side panel. Repeat Step 5 for connector plugging.

9. Cut the cable ties on 4-Flat portion of harness. Route the 4-Flat portion of the RV harness with connector ends containing the Green wire through the opening behind the taillight shown in **Figure 2**. Push grommet back into hole around the 4-Flat wire. It may be necessary to make a slit in grommet. If so apply silicon around area to seal.

10. Back inside vehicle on driver's side plug the connector from the taillight into the other side of the RV Harness.

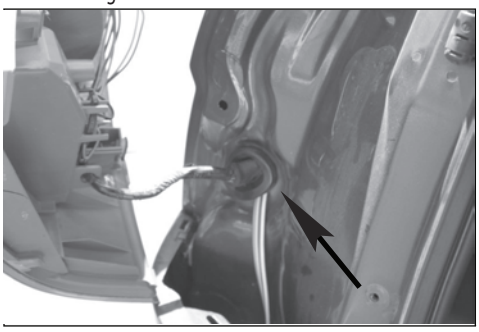

Figure 2

11. Underneath vehicle route 4-Flat wire above and around suspension shown in **Figure 3** and secure with cable tie.

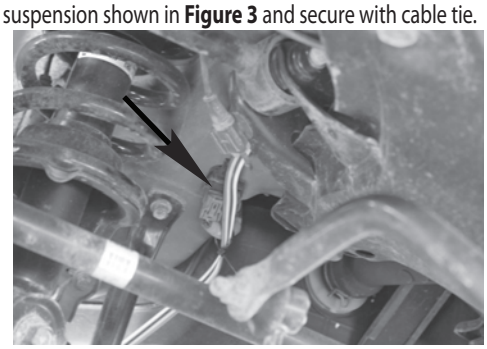

Figure 3

12. Continue routing towards front of vehicle along side frame rail until you reach the driver's side wheel well securing with cable ties along the way.

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.

13. From the front of wheel well route a fish tape up and over to the bottom right of the wheel well. It may be necessary to remove plastic clips shown in **Figure 4** for routing fish tape.

Figure 4

14. Attach 4-Flat to fish tape and pull to front of the wheel well. Replace any clips removed in Step 12.

15. Locate the front frame rail that goes across the front of the vehicle. Locate a suitable position to mount the 4-Flat bracket shown in **Figure 5**. 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.

Secure 4-Flat to frame rail with a cable tie.

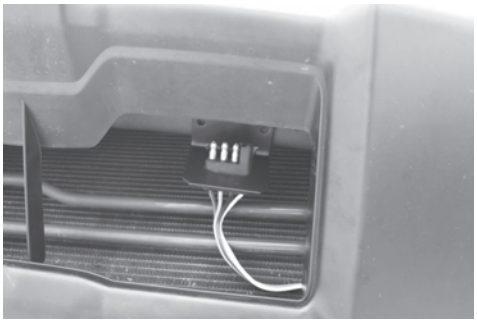

Figure 5

16. 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 Honda CRV.
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.

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