

RV TOW Harness Wiring Kit

INSTALLATION INSTRUCTIONS

Fits: Honda Element

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 cargo area cover and set to the side. Remove screws from cargo tie downs and interior panel shown in **Figure 1**.



Figure 1

3. Remove cargo tie down shown in **Figure 2** using a phillips screwdriver.



Figure 2

4. Starting on driver's side gently pull the plastic side panel away from the body to expose vehicle's taillight connectors taking care not to break locking tabs on panel. They will be similar to those on RV harness. Repeat this step on passenger side panel.
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.

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 to center of rear cargo area along factory wire harness. Locate body grommet, unseat and make a slit in it. Insert 4-Flat wire and reseal grommet. It may be necessary to apply silicon around area to seal.

10. Route 4-Flat wire down behind bumper and towards front of vehicle.

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 a suitable position to mount 4-Flat bracket shown in **Figure 3**. Using the bracket as a template mark the two holes and drill two 3/32" holes and attach 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 Honda Element. 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 panels and any other items removed during install.