

RV TOW Harness Wiring Kit

INSTALLATION INSTRUCTIONS

Fits: Honda Fit

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

Optional Tools:

- Drill
- 1-5/8" Hole Saw
- Silicone

1. Read instructions thoroughly before beginning.

2. Open the rear hatch. Remove Floor Mat and Spare Tire Cover and set to the side. Remove threshold plate by pulling up and set to the side.

3. Starting on driver's side use a flat screwdriver to remove taillight access panel shown in **Figure 1**. Repeat for panel on passenger side.



Figure 1

4. Locate factory taillight connectors behind access panels from Step #3 shown in **Figure 2**. They will be similar to those on the RV Harness.

5. Starting on driver's side unplug the 3-pin and 4-pin connectors and position respective RV harness 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.



Figure 2

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 and also route down to bottom of side wall panel on driver's side to wheel well area.

There are two options for 4-Flat harness routing:

10a. Drill a 1-5/8" hole in the spare tire area shown in **Figure 3**.



Figure 3

10b. Route the 4-flat through the recently drilled hole and seat the grommet in the hole. Position enough slack in 4-Flat in vehicle side and secure with cable ties. Seal the grommet with silicone to prevent leaking.

10c. Route 4-flat towards front of vehicle following brake lines and securing with cable ties.

10d. Continue routing along brake lines up to passenger side and up into the engine compartment on passenger side.

10e. Route along inside of engine compartment to front of vehicle to location shown in **Figure 4**.



Figure 4

10f. 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 4**. 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.

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.

11a. The other option to drilling a hole is to coil and store the 4-flat in spare tire area and route out of the hatch and to front of vehicle when towing behind motorhome.

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 Fit.

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: TAILLIGHT 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 PART NUMBER 58919 AND YOU'RE READY TO TOW.