

# RV TOW Harness Wiring Kit

## INSTALLATION INSTRUCTIONS

Fits: Ford Focus Hatchback

### Kit Includes:

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

## RV TOW HARNESS INSTALLATION INSTRUCTIONS

1. Read instructions thoroughly before beginning.
2. Open rear hatch and remove all floor covers and foam trays around the spare tire. Remove rear threshold plate by removing 4 plastic fasteners, 2 on each side shown in **Figure 1**.



Figure 1

3. Pull back felt liner to reveal plastic wing nut holding vehicle's taillights in place shown in **Figure 2**. Remove the plastic wing nut and gently pull taillight away from vehicle taking care not to damage the alignment tabs.



Figure 2

4. Locate vehicle's factory wiring harness connectors shown in **Figure 3**. Separate connectors and inspect for dirt and debris and clean if necessary.



Figure 3

5. On both sides remove grommet shown in **Figure 4** and make a small slit in them to allow for the RV harness to fit through taking care not to damage the existing factory wire harness.



Figure 4

6. Starting on drivers side place RV harness ends containing **Yellow** wire up behind felt liner and out through grommet opening. Plug into separated vehicle harness connectors until they lock into place. Pull on connectors to ensure the locks are engaged.
7. Locate a clean and accessible mounting location on vehicle near 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: Do not drill into any exposed surfaces or through the vehicle body.**

8. Attach ring terminal on White wire using screw provided.
9. 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 6 for connector plugging.
10. Cut cable ties on 4-Flat portion of harness. Route 4-Flat portion of RV harness down through bumper opening shown in **Figure 5**.



Figure 5

11. Remove clip shown in **Figure 6(A)** in rear wheel well area. Route a fish tape up and over rear wheel well to bumper area. Secure 4-Flat to fish tape and pull through wheel well area.

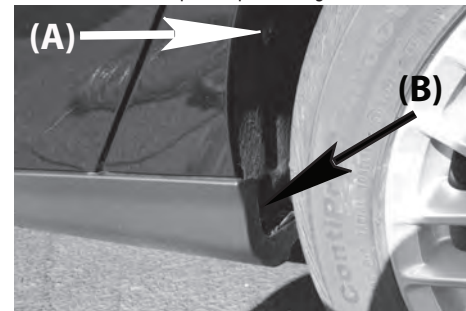


Figure 6

12. Remove remaining clips holding trim plate that runs below doors and route 4-Flat behind trim towards front of vehicle until you reach the front drivers wheel well area.
13. From inside engine compartment route the fish tape down through front wheel well to area shown in **Figure 7**. Secure 4-Flat to fish tape and pull up through wheel well and into engine compartment.

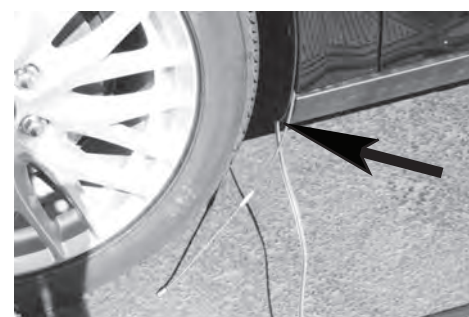


Figure 7

14. Inside engine compartment route 4-Flat to location near front of vehicle shown in **Figure 8**.



Figure 8

**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.**

15. Find a location suitable to mount the 4-Flat bracket. Using the bracket as a template mark 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.\***

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 Ford Focus Hatchback. 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 and anything else removed during installation to vehicle.