

# RV TOW Harness Wiring Kit

## INSTALLATION INSTRUCTIONS

Fits: Ford Fiesta Hatchback

### Kit Includes:

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

## RV TOW HARNESS INSTALLATION INSTRUCTIONS

1. Read instructions thoroughly before beginning.
2. Open rear hatch, remove floor cover and set aside. Using a Phillips screwdriver, remove screw on side wall panels shown in **Figure 1**. Remove 2 push clips on either side of threshold shown in **Figure 2**. Remove threshold by pulling up on it and set aside.

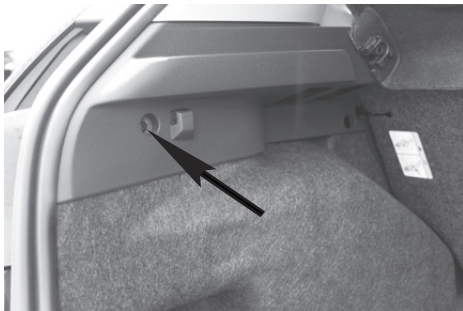


Figure 1



Figure 2

3. Pull back felt liner to reveal vehicle's taillight connectors shown in **Figure 3**. They will be similar to those found on RV harness.



Figure 3

4. Starting on drivers side separate vehicle's connectors taking care not to damage the locking tabs. Route RV harness ends containing **Yellow** wire up behind felt liner. Plug into separated vehicle harness connectors until they lock into place. Pull on connectors to ensure the locks are engaged.

5. 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.**

6. Attach ring terminal on White wire using screw provided.
7. 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 4 for connector plugging.

8. Remove rubber grommet in trunk area located near felt liner in spare tire area. Cut cable ties on 4-Flat portion of harness. Route 4-Flat portion of RV harness from behind felt liner, thru grommet opening shown in **Figure 4**. Make a slit in it and fit around 4-Flat wire and apply silicon around area to seal.



Figure 4

9. Underneath vehicle locate 4-Flat wire that was passed through grommet in Step 8. Route along brake lines shown in **Figure 5** and secure to brake line brackets with cable ties.



Figure 5

10. Continue routing to front of vehicle either behind side trim plate or brake lines securing to brake line brackets 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.**

11. Starting in engine compartment route a fish tape down through front wheel well down to opening shown in **Figure 6**. Secure 4-Flat to fish tape and pull up through wheel well and into engine compartment.

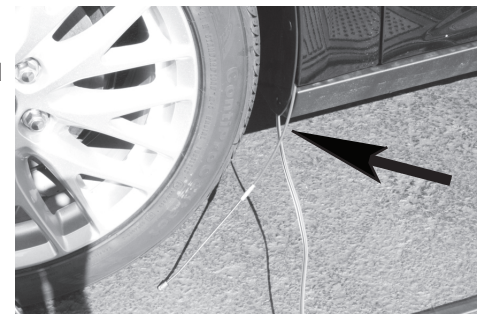


Figure 6

12. Inside engine compartment route 4-Flat to location near front of vehicle shown in **Figure 7**.

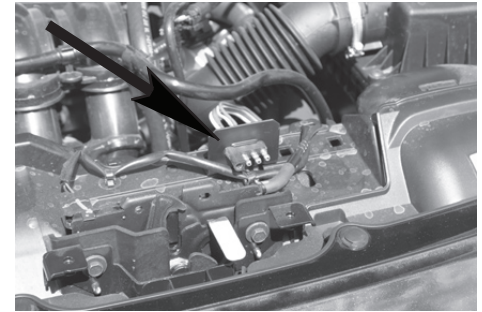


Figure 7

13. 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.\***

14. 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 Fiesta 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.

15. At the rear of the vehicle secure any loose wires to the vehicle's crossmember using cable ties provided. Re-install all items removed during installation.