



#9523082

RV TOW Harness Wiring Kit INSTALLATION INSTRUCTIONS

Fits: 2006-2012 Ford Fusion

- 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 trunk and remove trunk floor cover and set aside. Using a flat screwdriver and pliers carefully remove plastic fastener(A) on rear threshold and screw cap(B) shown in **Figure 1**. Remove threshold by pulling up and set aside. Remove spare tire and set aside.

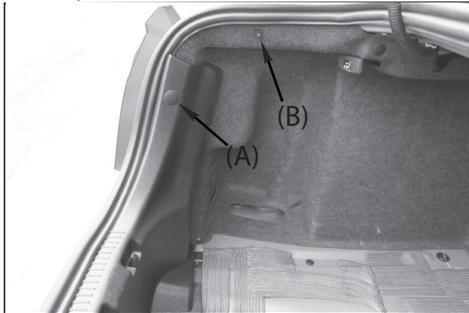


Figure 1

3. Starting on driver's side pull back on felt trunk liner to locate vehicles taillight connectors. They will be similar to those on the RV harness. Separate the Brown connector behind taillight taking care not to break locking tab and position the RV harness connector ends containing the Yellow wire between the separated connectors. Press connectors firmly into vehicle connectors until they lock into place shown in **Figure 2**. Pull on connectors to ensure the locks are engaged.



Figure 2

4. 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.

5. Attach ring terminal on the White wire using the ground screw provided.
6. Route portion of RV Harness with connectors containing Green wires down behind driver's side wall panel and along rear of vehicle and up behind passenger side panel. Repeat Step 3 for connector plugging.
7. Cut the cable ties on 4-Flat portion of harness. Route the 4-Flat portion of the RV harness down behind driver's side wall panel and out to the center of the trunk. Remove rubber grommet and make a slit in it to fit around the 4-Flat wire. Push grommet back into hole around the 4-Flat wire shown in **Figure 3**. It may be necessary to apply silicon around grommet to seal.

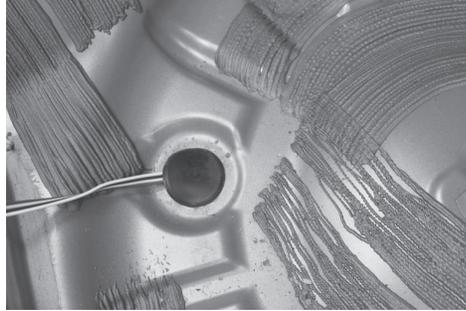


Figure 3

8. Starting at driver's side rear tire, route a fish tape up and over wheel well to other side. It may be necessary to remove clips in wheel well area. Route 4-Flat from hole in Step #7 to wheel well. Secure 4-Flat connector to fish tape and pull through wheel well cover shown in **Figure 4**.



Figure 4

9. From wheel well area route 4-Flat to brake lines and continue routing towards front of vehicle securing 4-Flat along the way with cable ties provided shown in **Figure 5**.

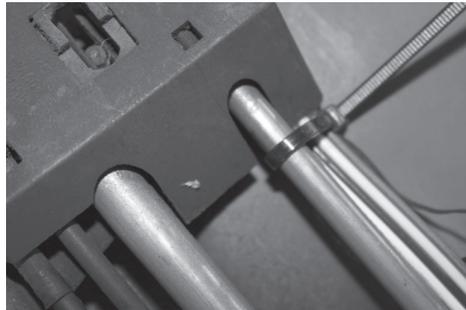


Figure 5

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.

10. Continue routing along brake lines up into engine compartment routing along factory wire harness in engine compartment to front of vehicle shown in **Figure 6** and secure with cable ties.



Figure 6

11. Locate a suitable position on frame to mount 4-Flat bracket shown in **Figure 7**. 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.***



Figure 7

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 Ford Fusion. 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 using cable ties provided. Re-install threshold, trunk liner and any other items removed during installation.