

RV TOW Harness Wiring Kit

INSTALLATION INSTRUCTIONS

Fits: Chevrolet Cobalt 4 Dr.

- 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 two bolts using a 7mm socket shown in Figure 1.

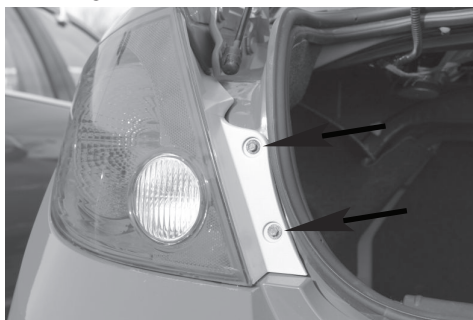


Figure 1

3. Remove wing nut holding felt liner in place on both sides to gain access to bolts holding taillights shown in Figure 2.

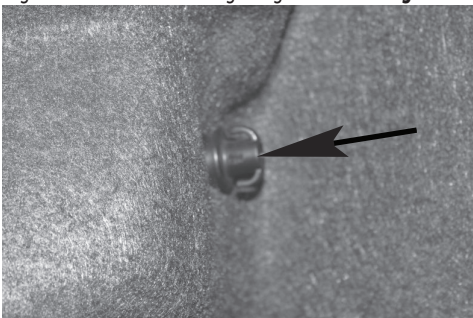


Figure 2

4. Pull trunk felt liner away from back of vehicle. Using a 10mm socket remove nuts holding taillights in place shown in Figure 3.

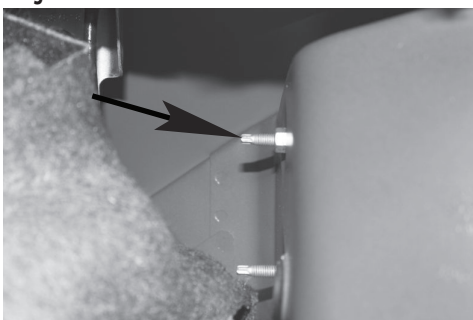


Figure 3

Gently pull taillights away from vehicle, unplug factory connectors from taillight connectors and set aside.

5. Starting on driver's side position RV harness connector ends containing Yellow wires between separated vehicle harness connectors shown in Figure 4. Press connectors firmly into vehicle connectors until they lock into place. Pull on connectors to ensure the locks are engaged.



Figure 4

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. On passenger side, route a fish tape through the bumper opening and secure portion of RV Harness with connectors containing Green wires. Pull through bumper channel and up behind passenger side taillight opening. Repeat Step 5 for connector plugging.

9. Cut the cable ties on 4-Flat portion of harness and route behind drivers rear wheel well.

10. Remove push clips in driver's side rear wheel well cover. Starting at the left side of rear driver's side wheel well route a fish tape up and over to the right side. Secure the 4-Flat connector to it and pull through wheel well cover shown in Figure 5.



Figure 5

11. Continue routing towards front of vehicle along the brake lines all the way up and into the engine compartment. Secure with cable ties provided.

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.

12. Once inside engine compartment, route to right side around the battery shown in Figure 6.



Figure 6

13. Locate a suitable position to mount 4-Flat bracket also 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 screws.

Caution: Take care not to drill through the body or any exposed surface.



Figure 7

14. With the 4-flat extension plugged in to the RV harness on one end and the motorhome on the other, test that the functions work on the Chevrolet Cobalt. 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 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 58918 AND YOU'RE READY TO TOW.