

# RV TOW Harness Wiring Kit

## INSTALLATION INSTRUCTIONS

Fits: Saturn VUE

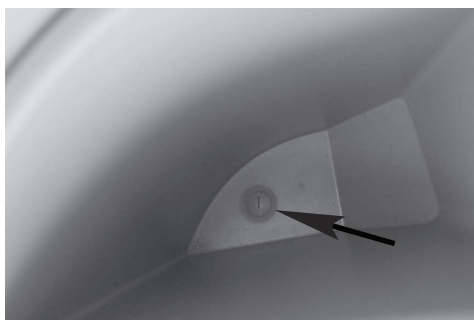
### Kit Includes:

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

## RV TOW HARNESS INSTALLATION INSTRUCTIONS

**1. Read instructions thoroughly before beginning. Buick Enclave / Chevrolet Traverse**

**2.** Open the rear tailgate. Using a flat screwdriver remove the plastic screw located in the bottom of storage cavity located on both sides of vehicle shown in **Figure 1**.



**Figure 1**

Remove storage cavity to locate vehicle's factory wiring harness connectors shown in **Figure 2**. Separate connectors from both sides, inspect for dirt and debris and clean if necessary.



**Figure 2**

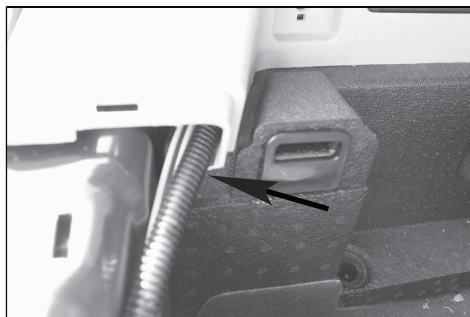
**3.** Remove rear threshold, floor mates and foam supports in trunk area. Starting on the driver's side position RV harness with connectors containing Yellow wires between separated vehicle harness connectors. Press connectors firmly into vehicle connectors until they lock into place. Pull on connectors to ensure the locks are engaged.

**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.** Cut the cable ties on 4-Flat portion of harness. Route the remaining portion of the RV harness with connector ends containing the Green wire and 4-Flat through the opening between plastic sidewall and foam support shown in **Figure 3**.



**Figure 3**

**7.** Continue routing the connector ends with the Green wire along the back of the vehicle, through the opening between the plastic sidewall and foam support on the passenger side to the factory connectors located in the storage cavity. Repeat Step 3 for plugging procedure on the passenger side.

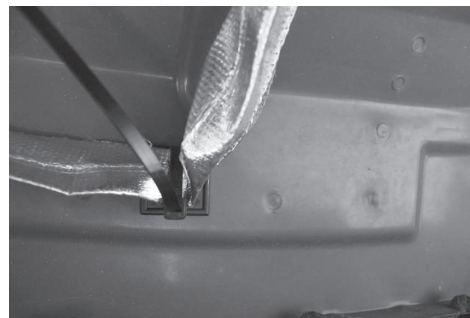
**8.** Route the 4-Flat connector to the small rubber grommet located in the center of the vehicle. Remove and feed 4-Flat through the opening shown in **Figure 4**.



**Figure 4**

**9.** Make a small slit in the grommet and slide over the 4-Flat wire and secure back in its hole. It's recommended that silicone be applied to the grommet to prevent leaks.

**10.** Under the vehicle route the 4-Flat portion of harness up and around the exhaust. Apply the (3) cable ties pads to areas on the underbody that will secure the heat shield away from the exhaust shown in **Figure 5**.



**Figure 5**

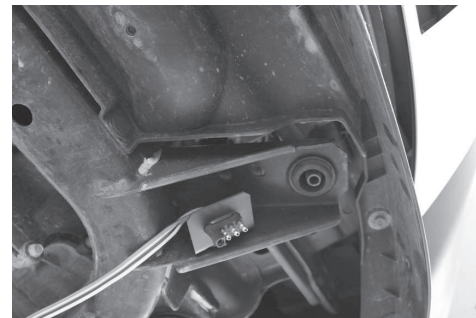
**11.** Continue routing 4-Flat harness to the brake lines and follow them to the front of the vehicle securing with cable ties along the way.

**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.**

**12.** 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 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.\***

Secure 4-Flat to frame rail with a cable tie.



**Figure 7**

**13.** 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 Saturn VUE. 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.

**14.** 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: CONVERTER 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 58920 AND YOU'RE READY TO TOW.**