



March 2014

Dealer Service Instructions for:

# **Safety Recall N13 / NHTSA 13V-040**

## **Occupant Restraint Control Module Filter Circuit**

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### **Models**

**2003 - 2004 (ZB) Dodge Viper**

**IMPORTANT:** Some of the involved vehicles may be in dealer used vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery. Dealers should also perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

### **Subject**

The airbag system Occupant Restraint Control (ORC) module on about 3,600 of the above vehicles may experience a front airbag and/or seatbelt pretensioner inadvertent deployment. An inadvertent deployment while driving could distract the driver and cause a crash without warning.

### **Repair**

All involved vehicles must have a jumper harness with an in-line diode filter circuit installed.

**NOTE:** If the airbag warning light is illuminated and there was no inadvertent airbag deployment, any faulty airbag components, and the cost to make repairs, are the responsibility of the owner.

### **Parts Information**

<u>Part Number</u>	<u>Description</u>
<b>CBATN131AA</b>	<b>Harness, Jumper</b>

**Each dealer** to whom vehicles in the recall were assigned will receive enough jumper harnesses to service about 20% of those vehicles.

### **Special Tools**

**The following special tools are required to perform this repair:**

- NPN wiTECH VCI Pod Kit
- NPN Laptop Computer
- NPN wiTECH Software

**Service Procedure**

**WARNING: DISCONNECT AND ISOLATE THE NEGATIVE BATTERY CABLE AT THE NEGATIVE BATTERY POST BEFORE BEGINNING AIRBAG SYSTEM COMPONENT REMOVAL OR INSTALLATION PROCEDURES. THIS WILL DISABLE THE AIRBAG SYSTEM. FAILURE TO DISCONNECT THE BATTERY COULD RESULT IN ACCIDENTAL AIRBAG DEPLOYMENT AND POSSIBLE PERSONAL INJURY.**

**WARNING: ALLOW THE SYSTEM CAPACITOR TO DISCHARGE FOR TWO MINUTES BEFORE REMOVING ANY AIRBAG COMPONENTS.**

1. Roll down both windows.
2. Open the rear deck lid.
3. Remove and save the battery access cover located in the trunk (Figure 1).
4. Disconnect and isolate the negative battery cable from the battery (Figure 1).

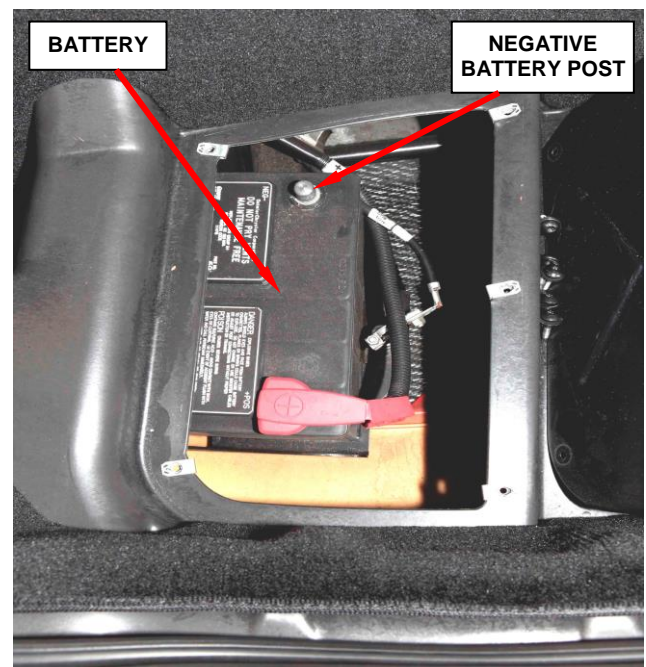


Figure 1 – Battery Location

**Service Procedure (Continued)**



**Figure 2 – Center Console Top Cover**

5. Disengage the center console top cover from the center console (Figure 2).
6. Reaching under the center console top cover, loosen the jam nut that retains the gear shift lever extension to the transmission shifter shaft (Figure 2).
7. Unscrew and save the gear shift lever extension and gear shift ball as an assembly (Figure 2).
8. Remove and save the center console top cover (Figure 2).

**Service Procedure (Continued)**

9. Remove and save the eight instrument panel center stack bezel retaining screws and then remove the center stack bezel and HVAC control panel as an assembly (Figure 3).

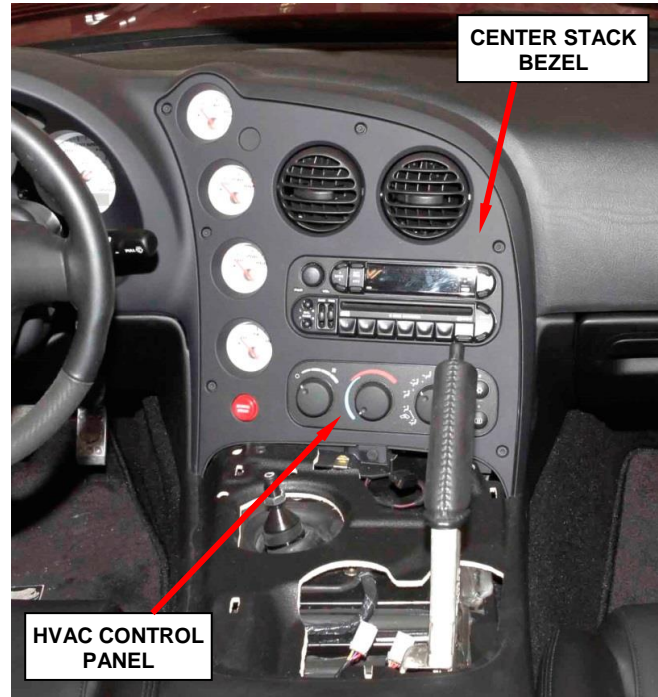


Figure 3 – Center Stack Bezel

10. Remove and save the radio (Figure 4).



Figure 4 – Radio Remove/Install

**Service Procedure (Continued)**

11. Remove and save the left side knee bolster (Figure 5).



**Figure 5 – Knee Bolster**

12. Remove and save the left instrument panel speaker cover (Figure 6).



**Figure 6 – Left Speaker Cover**

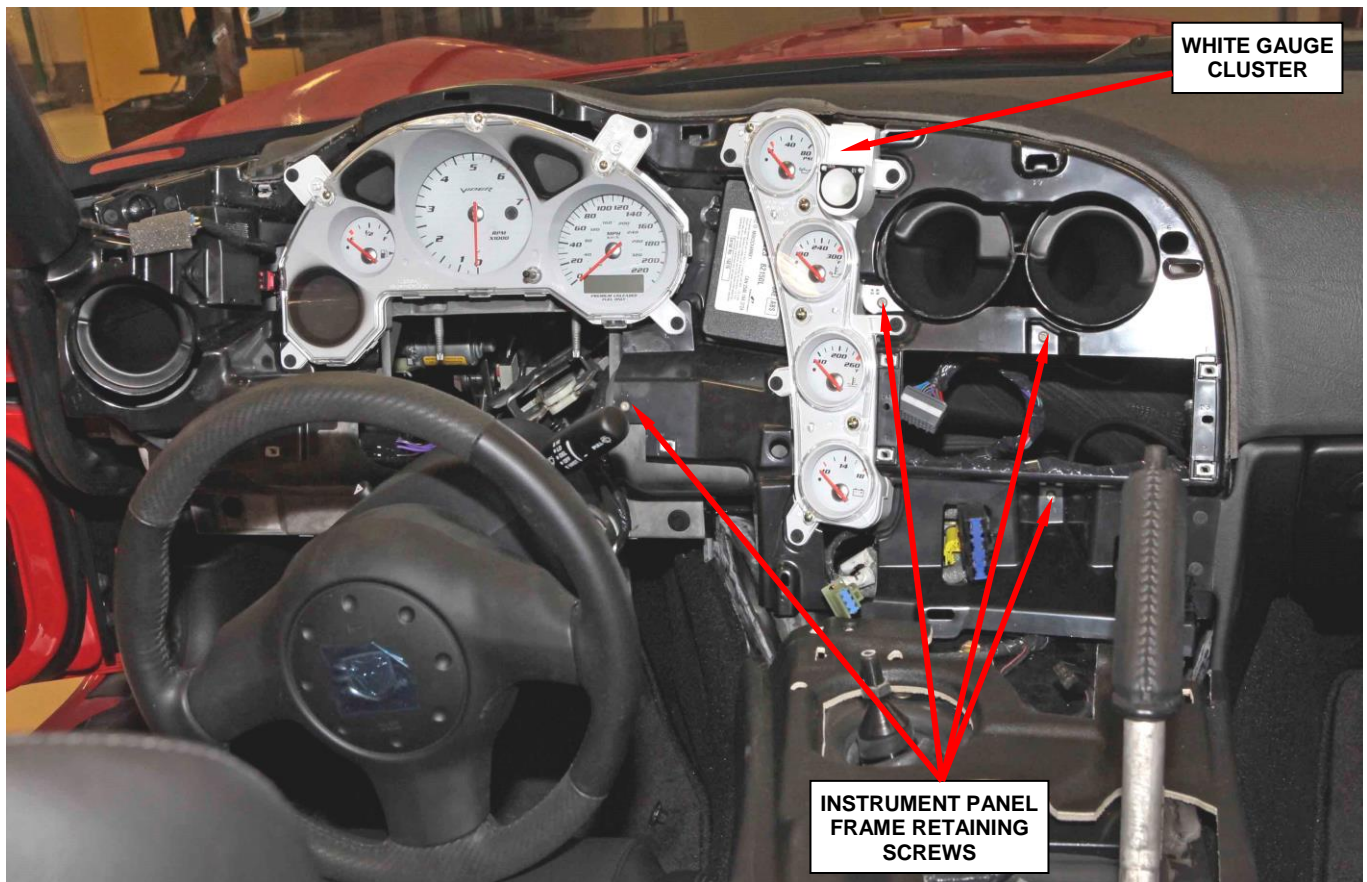
13. Remove and save the four steering column nuts and carefully lower the steering column.

**Service Procedure (Continued)**

14. Remove and save the instrument cluster bezel (Figure 7).
15. Remove and save the instrument panel center stack white gauge cluster (Figure 8).
16. Remove and save the instrument panel black plastic frame retaining screws (Figure 8).
17. Temporarily reinstall the steering column.



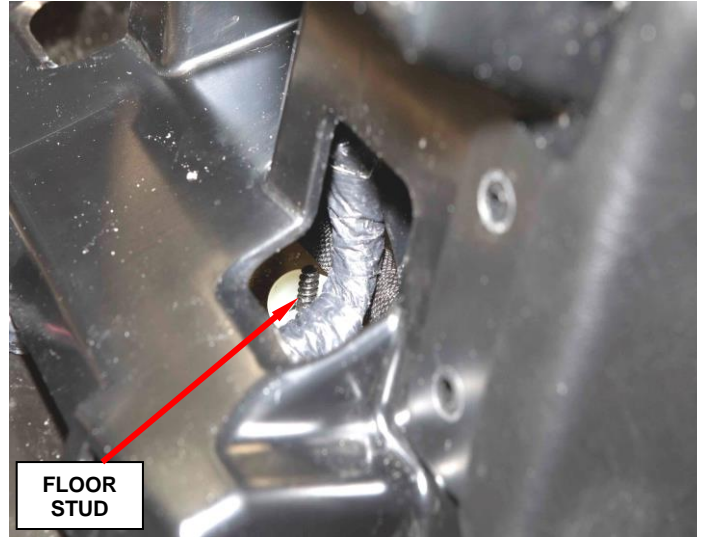
**Figure 7 – Instrument Cluster Bezel**



**Figure 8 – Instrument Panel Center Stack Gauge Cluster and Frame Retaining Screws**

**Service Procedure (Continued)**

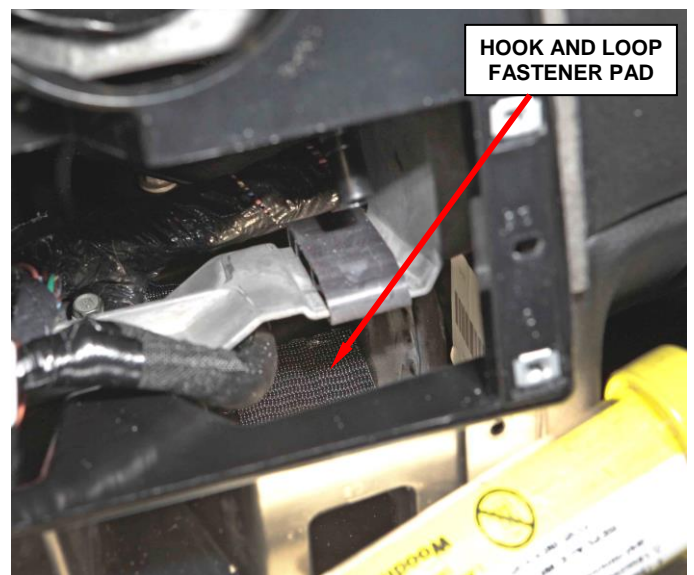
18. Relocate all disconnected instrument panel electrical connectors located near the ORC module.
19. Disengage the center console wire harness at the floor stud on the floor board (Figure 9).
20. Disconnect the ORC module yellow connectors.



**Figure 9 – Floor Stud**

21. Remove and save the ORC module mounting bolts.
22. Clean all dust and debris from the filter circuit box location in the instrument panel.
23. Separate the hook and loop fastener pad from the side of the filter circuit box.

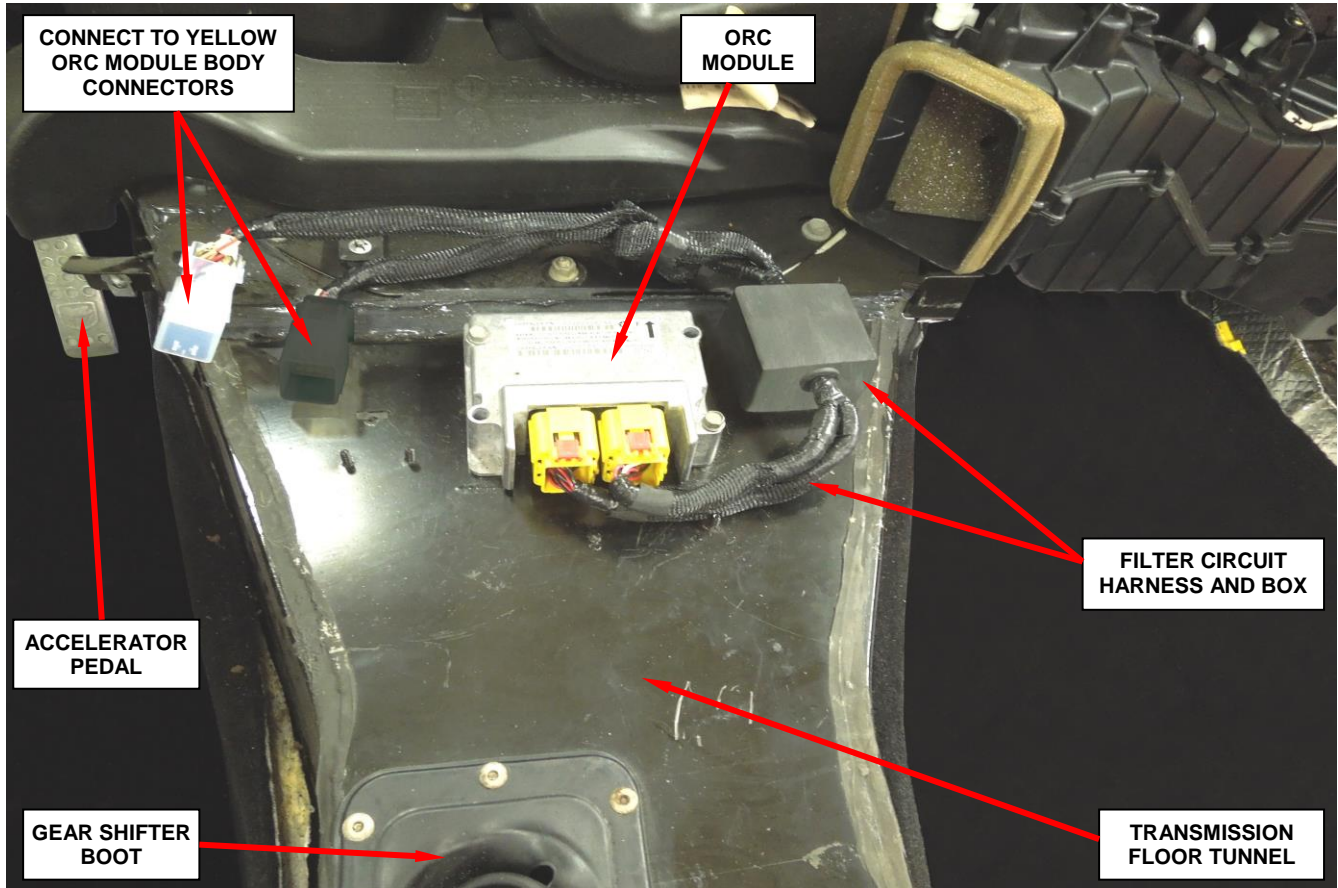
24. Remove the hook and loop pad glue patch release paper.
25. Install the hook and loop to the floor pan where the filter circuit box will be located (Figure 10).



**Figure 10 – Hook and Loop Installation**



**Service Procedure (Continued)**



**Figure 11 – Filter Circuit Harness and Box Routing**  
(instrument panel removed for photographic purposes only)

26. Install the filter circuit harness and box into position. Start with feeding the gray and white connectors into the instrument panel radio opening and feed them around the back of the ORC module so the gray and white connectors come out behind and to the left of the ORC module (Figure 11).

**NOTE:** Some flexing of the instrument panel black plastic frame will be required to install the jumper harness and filter box.

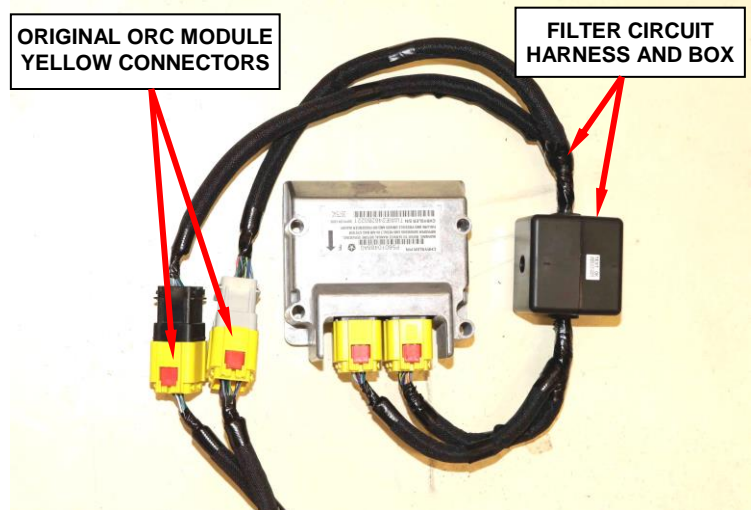
**SPECIAL NOTE:** Installing the jumper harness and filter box into position is not an easy task. Patience, perseverance, and small hands are required.

**Service Procedure (Continued)**

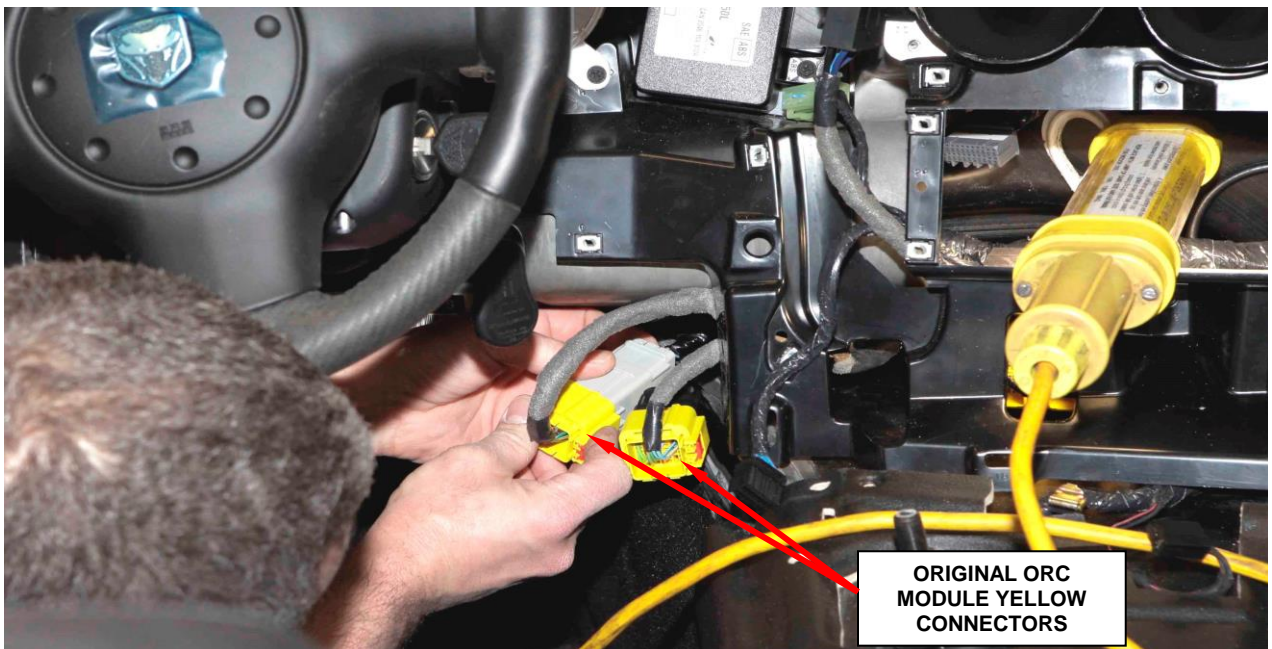
27. Route the two yellow jumper harness connectors behind the black plastic instrument panel frame.
28. Plug the filter circuit box yellow jumper harness connectors into the ORC module (Figure 12).

**NOTE: The yellow connector with the longer wire harness plugs into the left ORC module electrical receptor.**

29. Connect the filter circuit wiring harness gray and white connectors to the yellow vehicle body connectors. Secure the connectors up into the instrument panel so that they don't rattle or rub against components in the instrument panel that could damage the jumper harness wiring (Figure 13).



**Figure 12 – Connect Yellow Jumper Harness Connectors to ORC Module (removed for photographic purposes only)**



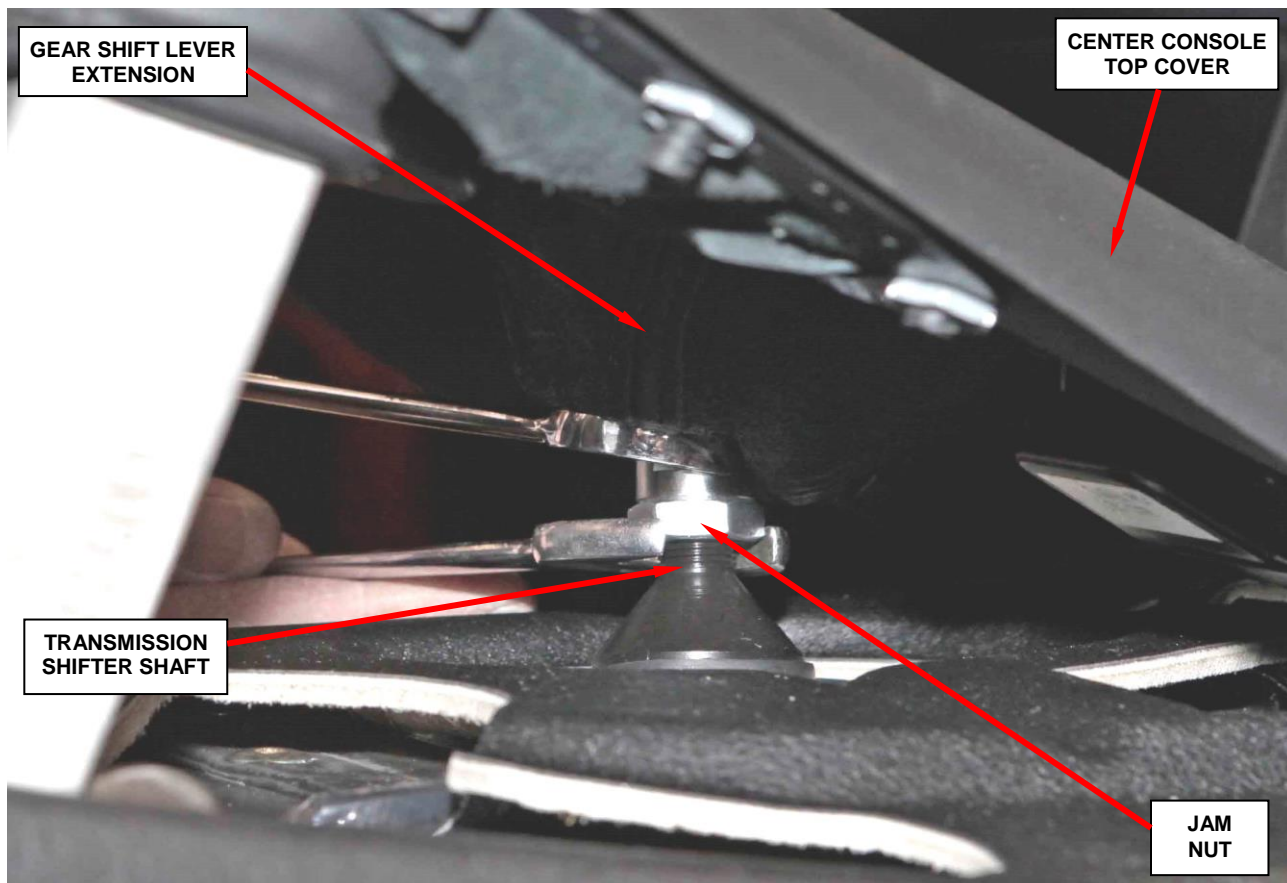
**Figure 13 – Connect Yellow Body Harness Connectors to the Filter Circuit Gray and White Connectors**

**Service Procedure (Continued)**

30. Install the ORC module mounting bolts. Tighten the bolts to 95 in. lbs. (11 N·m).
31. Secure the center console wire harness to the floor stud on the floor board (Figure 9).
32. Install the instrument panel black plastic frame retaining screws. Tighten the screws securely (Figure 8).
33. Install the instrument panel center stack white gauge cluster (Figure 8).
34. Install the radio assembly (Figure 4).
35. Lower the steering column.
36. Install the instrument cluster bezel (Figure 7).
37. Install the left instrument panel speaker cover (Figure 6).
38. Install the steering column. Tighten the four steering column retaining nuts to 150 in. lbs. (17 N·m).
39. Install the left side knee bolster (Figure 5).
40. Install the instrument panel center stack bezel (Figure 3).
41. Place the center console top cover partially into position (Figure 2).

**Service Procedure (Continued)**

42. Screw the gear shift lever extension onto the transmission shifter shaft.
  43. Reaching under the center console top cover, tighten the jam nut that retains the gear shift lever extension to the transmission shifter shaft (Figure 14).
- NOTE: Be sure that the gear shift knob gear shift pattern indicator is correctly orientated before tightening the jam nut.**
44. Snap the center console top cover into position.
  45. Place the ignition to the run position.
  46. After checking that no one is inside the vehicle, connect the negative battery cable.
  47. Install the battery access panel and close the deck lid (Figure 1).



**Figure 14 – Install Gear Shift Extension and Tighten Jam Nut**

### **Completion Reporting and Reimbursement**

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by Chrysler to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	<b>Labor Operation Number</b>	<b>Time Allowance</b>
Install ORC module jumper harness	08-N1-31-82	2.0 hours

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

### **Dealer Notification**

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

### **Owner Notification and Service Scheduling**

All involved vehicle owners known to Chrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

**Vehicle Lists, Global Recall System, VIP and Dealer Follow Up**

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

**Dealers must perform this repair on all unsold vehicles before retail delivery.** Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

*Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.*

**Additional Information**

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services / Field Operations  
Chrysler Group LLC