CHRYSLER

February 21, 2014

Ms. Nancy L. Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Ave. S.W.
Washington, D.C. 20590

Dear Ms. Lewis:

Reference: NHTSA Identification Number 12V-527

Enclosed are representative copies of communications relating to the 2002-2004 model year vehicles involved in the referenced recall. Chrysler notified dealers on January 3, 2013 and completed the owner notification mailing on February 17, 2014. The exact number of vehicles involved in the recall is 744,632 in the United States and 5,885 in the United States Territories.

This completes Chrysler's package of information for this recall as required by the Defects Report Regulation.

Sincerely,

Kristin Kolodge

Kristin J. Kolodge
Regulatory Affairs – Product Investigations & Campaigns

Enclosure: Dealer and Owner Letter for Recall M35

cc: F. Borris

CHRYSLER

Revised January 2014

Dealer Service Instructions for:

Safety Recall M35 / NHTSA 12V-527 Occupant Restraint Control Module Filter Circuit

Models

2002 - 2003 (KJ) Jeep® Liberty

NOTE: This recall applies only to the above vehicles built through March 28, 2003 ***(MDH 032823)****.*

2002 - 2004 (WJ / WG) Jeep Grand Cherokee

NOTE: This recall applies only to the above vehicles built through May 23, 2003 ***(MDH 052322)****.*

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 774,000 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.

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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

Part Number	Description
CBXTM351AC	**Harness, Jumper (KJ models)**
CBXTM354AB	**Harness, Jumper (WJ models)** (with side curtain airbags)
CBXTM353AB	**Harness, Jumper (WJ Models)** (without side curtain airbags)

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

Part Number	Description
CBXTM352AA	**Switch, Transfer Case**

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

A. Install ORC Module Jumper Harness (KJ Models)

WARNING: TO AVOID SERIOUS OR FATAL INJURY ON VEHICLES WITH AIRBAGS, DISABLE THE SUPPLEMENTAL RESTRAINT SYSTEM (SRS) BEFORE ATTEMPTING THIS REPAIR PROCEDURE. DISCONNECT AND ISOLATE THE BATTERY NEGATIVE (GROUND) CABLE, THEN WAIT TWO MINUTES FOR THE SYSTEM CAPACITOR TO DISCHARGE BEFORE PERFORMING SERVICE. THIS IS THE ONLY SURE WAY TO DISABLE THE SRS. FAILURE TO TAKE THE PROPER PRECAUTIONS COULD RESULT IN ACCIDENTAL AIRBAG DEPLOYMENT.

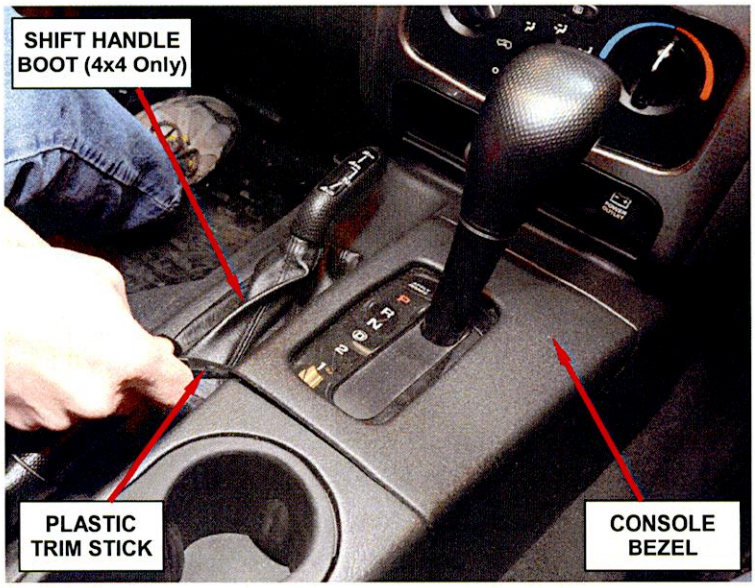

Figure 1 – Center Console Bezel and Shift Boot

1. Open the hood and disconnect the negative battery cable from the battery.
2. Remove and save the gear shift lever center console bezel (Figure 1).
3. Apply the park brake and place gear shift lever in the neutral position.
4. **For vehicles equipped with four wheel drive**, place the four wheel drive selector handle in the "four wheel low" position.
5. **For vehicles equipped with four wheel drive**, remove and save the four wheel drive lever shift handle boot (Figure 1).
6. Remove and save the front window switch assembly (Figure 2).

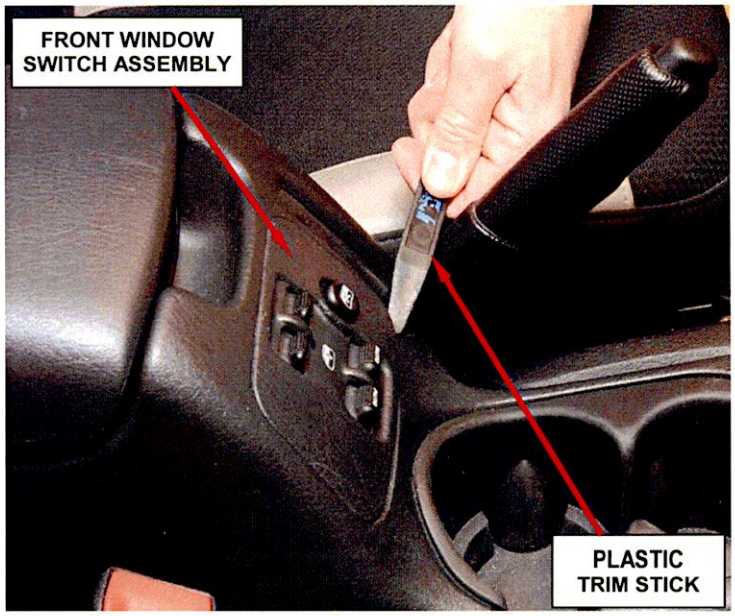

Figure 2 – Front Window Switch Assembly

Service Procedure (Continued)

7. Remove and save the rear window switch assembly (Figure 3).

8. Remove and save the four center console retaining screws.

9. Carefully remove and save the center console assembly.

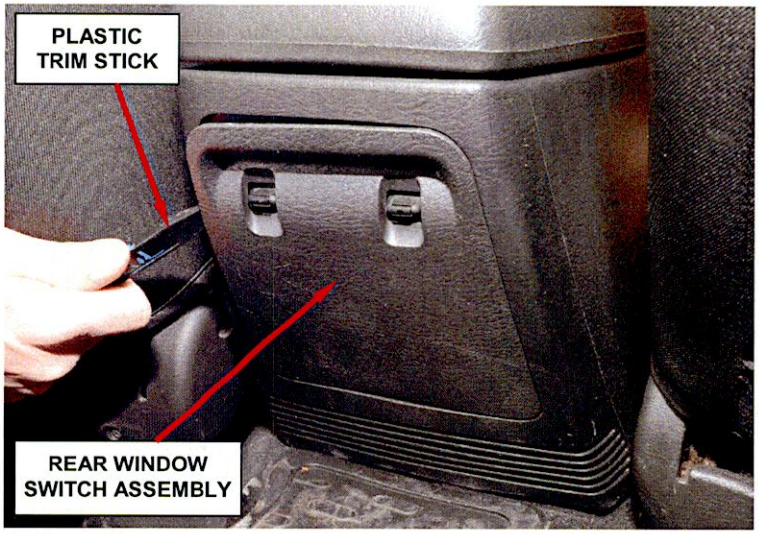

Figure 3 – Rear Window Switch Assembly

10. Remove and save the black plastic rear floor air vent duct.

11. Remove and save the steel reinforcement bracket (Figure 4).

12. Remove and save the four gear shift retaining nuts and relocate the gear shift assembly.

13. Remove and save the under-dash plastic silencer pad.

14. Remove and save the data link connector fasteners and relocate the connector.

15. Remove and save the ORC module black rubber cover (Figure 4).

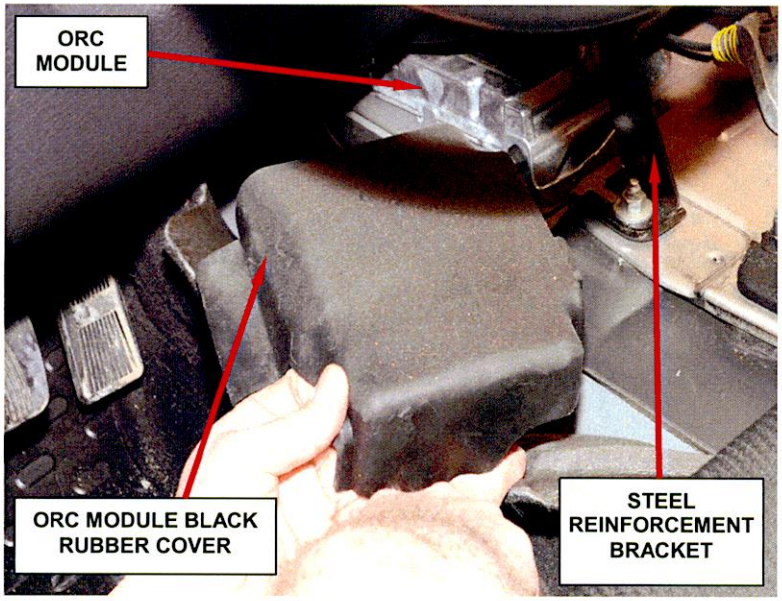

Figure 4 – ORC Module Black Rubber Cover

Service Procedure (Continued)

16. Using glass cleaner or equivalent, clean the outside surface of the ORC module black rubber cover (Figure 6).

17. Carefully separate the hook and loop strip from the jumper harness black connector (Figure 5).

18. Remove the adhesive release sheet from the hook and loop strip and stick the hook and loop strip to the outside of the ORC module black rubber cover, as shown in Figure 6. Set cover aside for later installation.

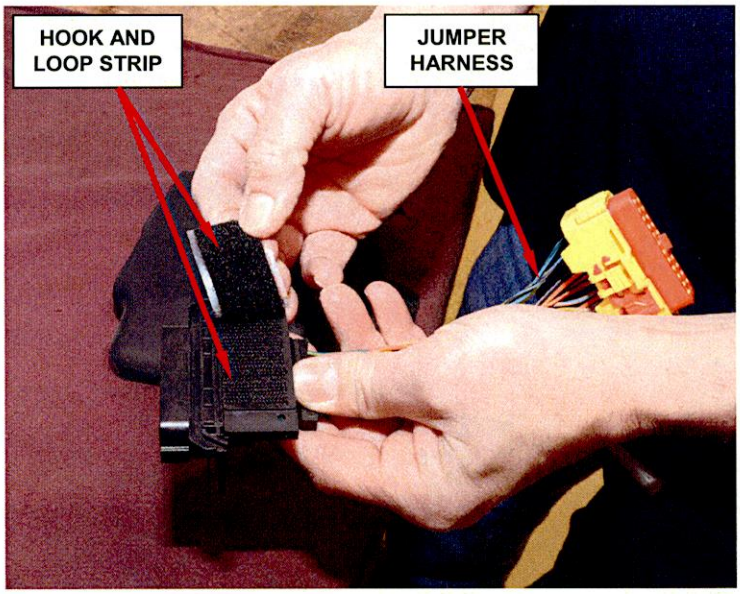

Figure 5 – Separate Hook and Loop on Jumper Harness

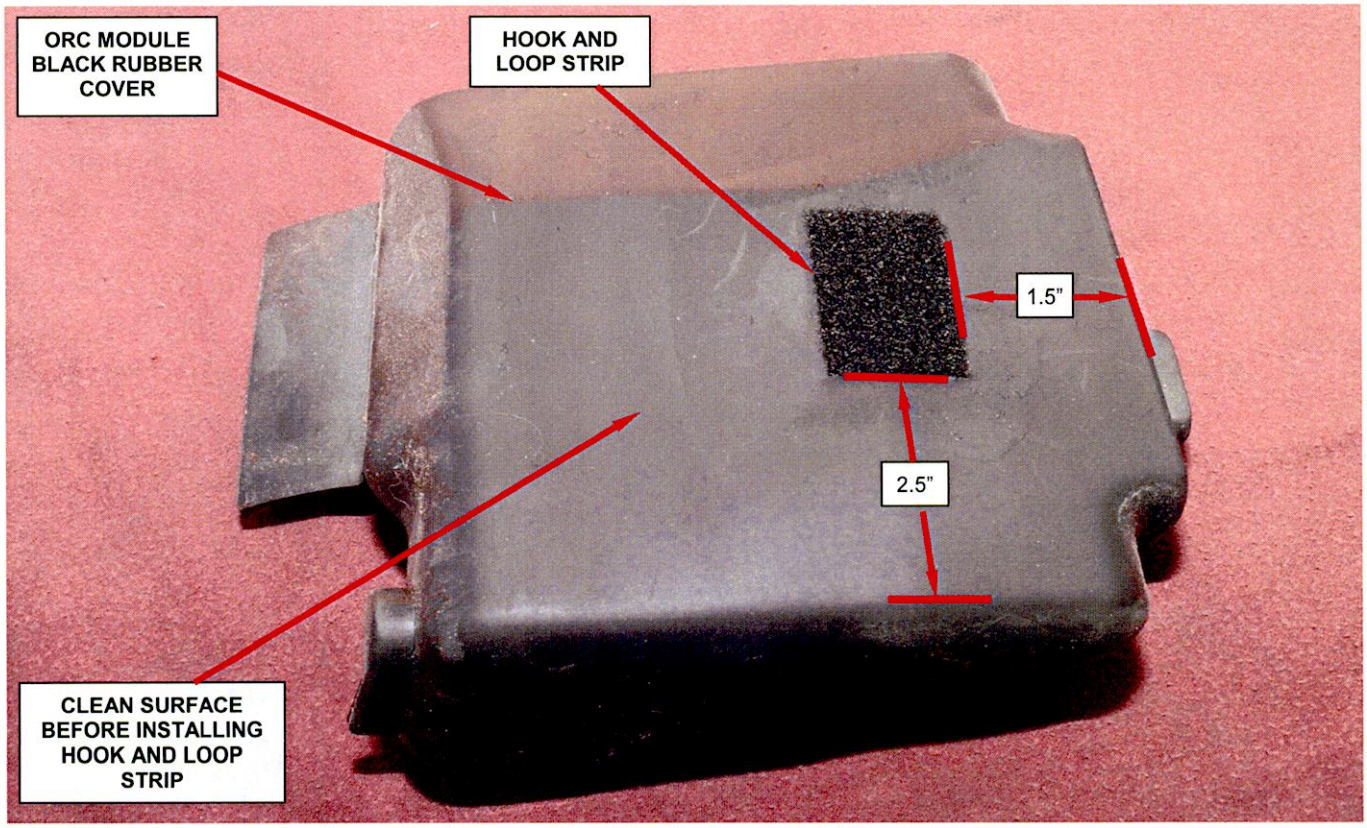

Figure 6 – Install Hook and Loop Strip to ORC Module Black Rubber Cover

Service Procedure (Continued)

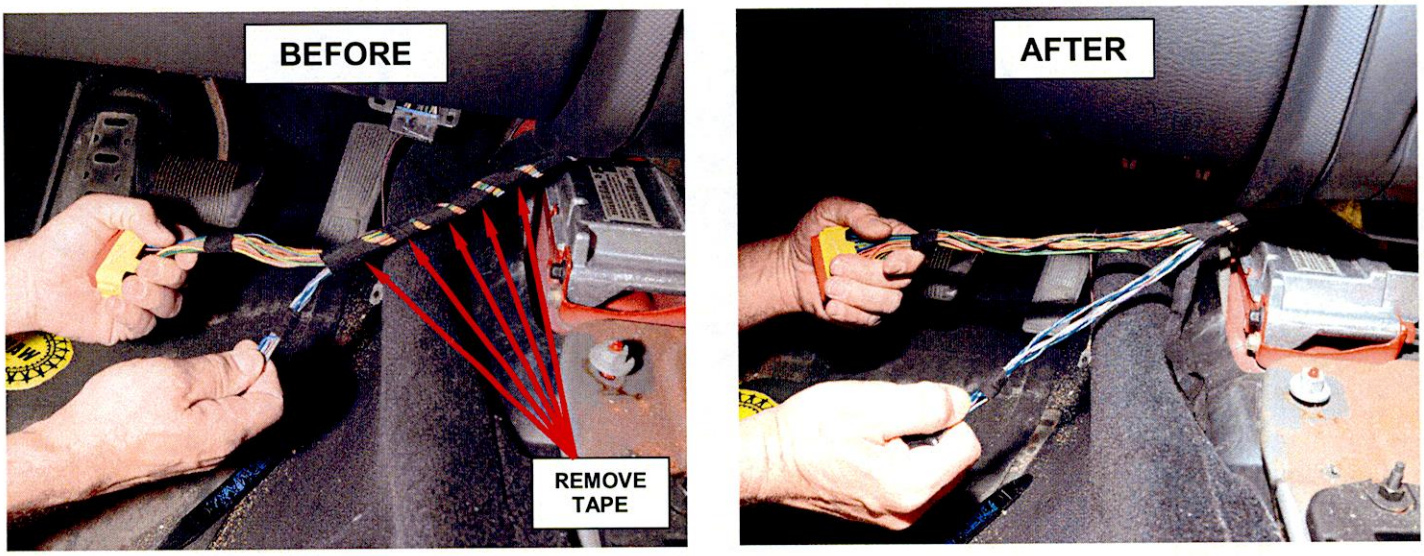

Figure 7 – Modify Vehicle Wire Harness

19. Disconnect the ground wire at the ORC module.

20. Disconnect the large yellow electrical connector and small black electrical connector from the ORC module.

21. Pull the ORC module wire harness out and remove the tape that holds the large yellow and small black wire connector wire harnesses bundles together (Figure 7).

22. Apply a small amount of electrical tape to the wire bundles about three inches up the wire harness.

23. Using diagonal cutters, trim the corners off the black connector on the new jumper harness (Figure 8).

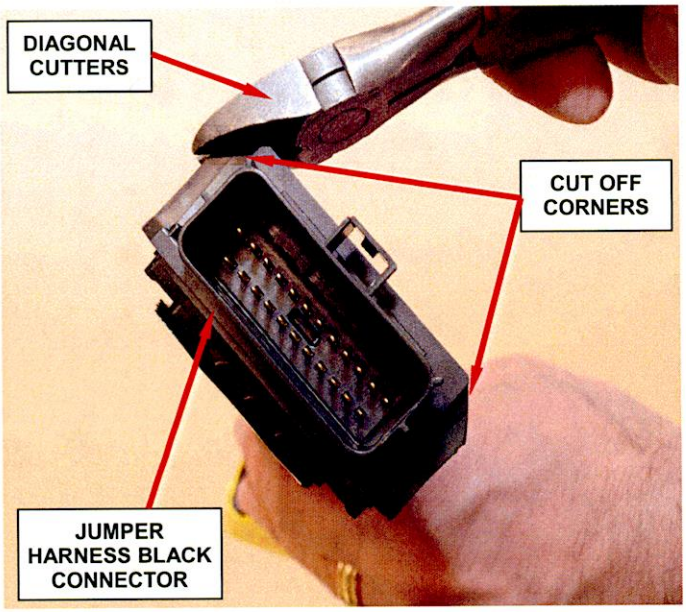

Figure 8 – Trim Corners of Connector

Service Procedure (Continued)

24. Connect the new jumper harness black connector to the vehicle wire harness yellow electrical connector.

25. Attach the black connector to the ORC module cover using the hook and loop fasteners to hold it in place.

26. Peal and stick the aluminum mastic patch cover over the connector onto the ORC module cover.

27. Connect the small black connector to the ORC module.

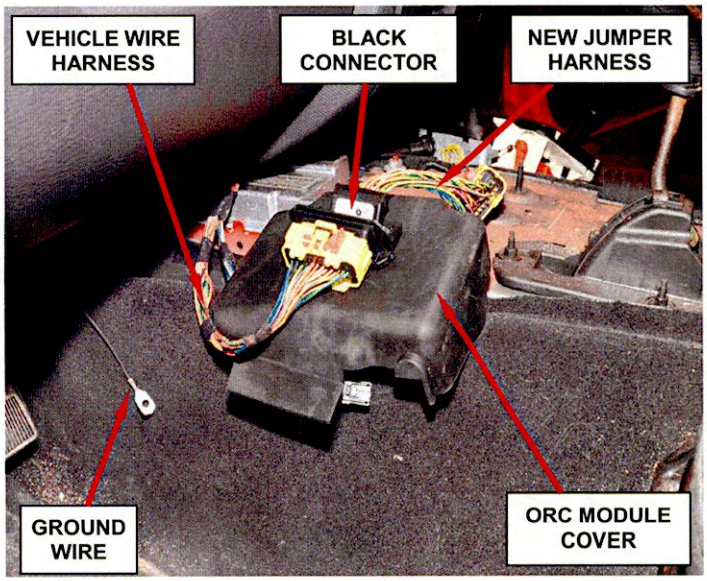

Figure 9 – Mount Overlay Harness Black Connector to ORC Cover

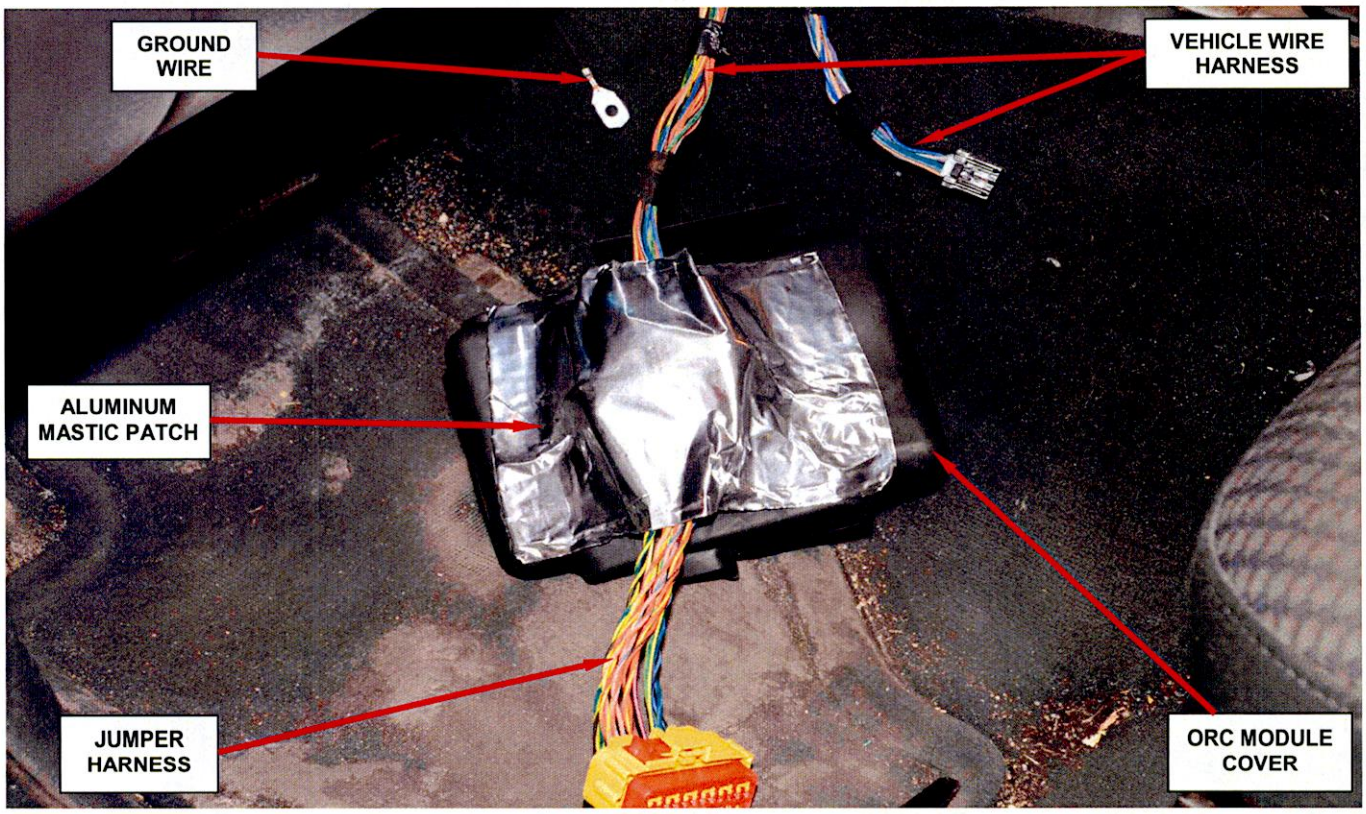

Figure 10 – Install Aluminum Mastic Patch

Service Procedure (Continued)

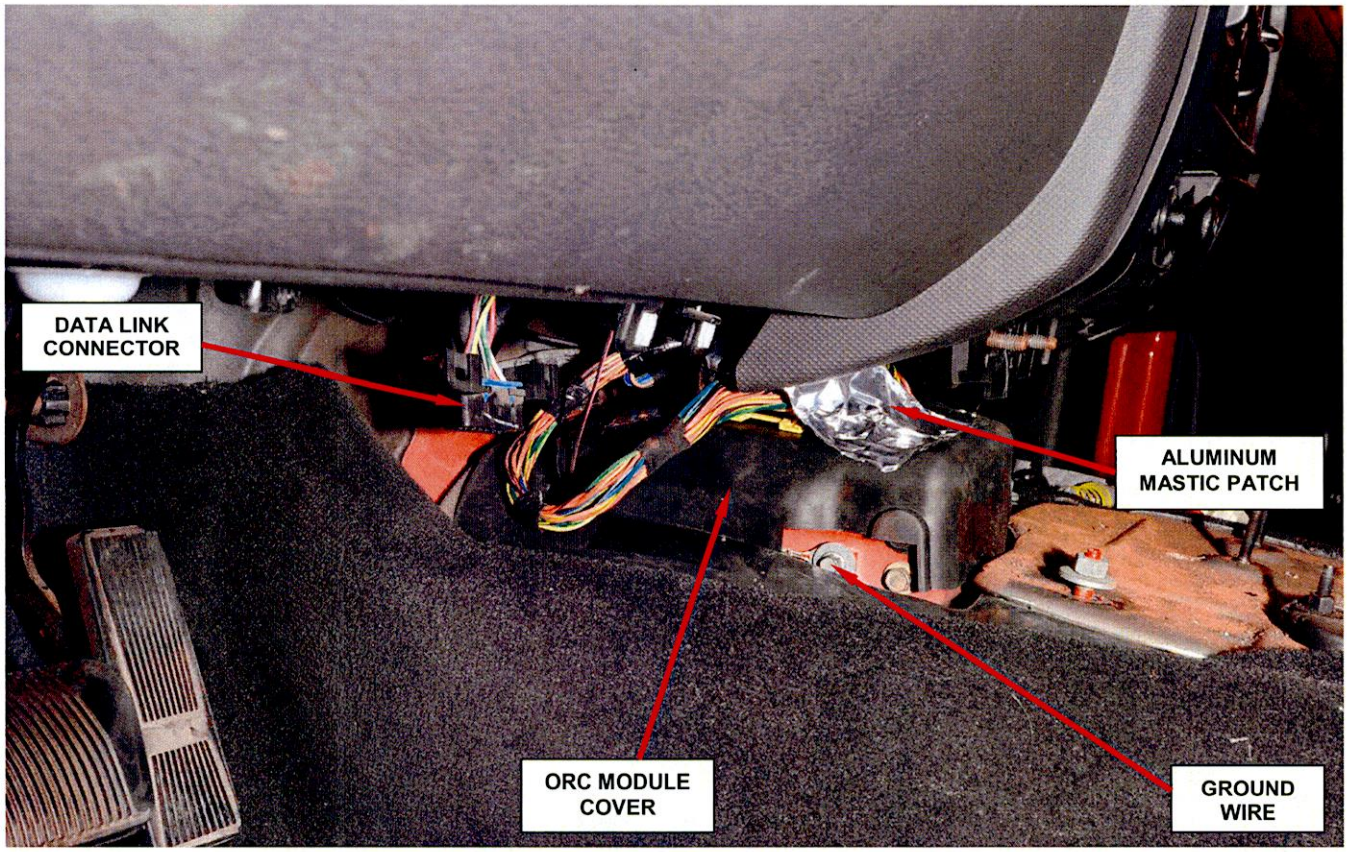

Figure 11 – Correctly Installed Jumper Harness and Aluminum Mastic Patch

28. Partially install the ORC module black rubber cover over the ORC module, plug the large yellow electrical connector into the ORC module, engage the yellow connector lock, then finish installing the ORC module cover into position (Figure 11).

29. Connect the ground wire at the ORC module (Figure 11).

30. Attach the data link connector to the instrument panel (Figure 11).

31. Install the under-dash plastic silencer panel.

32. Place the gear shift assembly into position and install the four mounting nuts.

33. Install the steel reinforcement bracket.

Service Procedure (Continued)

34. Install the black plastic rear floor air vent duct.

35. Install the center console assembly into position.

36. Install the four center console retaining screws.

37. Install the rear window switch assembly (Figure 3).

38. Install the front window switch assembly (Figure 2).

39. **For vehicles equipped with four wheel drive**, install the four wheel drive lever shift handle boot (Figure 1).

40. Install the gear shift lever center console bezel (Figure 1).

41. Turn the ignition key to the "RUN" position, with no one inside the vehicle, connect the negative battery cable to the battery.

42. Reset the clock on the radio.

43. Start the vehicle.

44. **For vehicles equipped with four wheel drive**, place the four wheel drive lever shift handle into the "2 Hi" position.

45. **For vehicles equipped with four wheel drive**, check to insure that the four wheel drive indicator light is not illuminated.

    - If the four wheel drive indicator light is not illuminated, no further action is required.

    - If the four wheel drive indicator light remains on, continue with **Section C. Replace the Four Wheel Drive Indicator Light Switch.**

Service Procedure (Continued)

B. Install ORC Module Jumper Harness (WJ / WG Models)

WARNING: TO AVOID SERIOUS OR FATAL INJURY ON VEHICLES WITH AIRBAGS, DISABLE THE SUPPLEMENTAL RESTRAINT SYSTEM (SRS) BEFORE ATTEMPTING THIS REPAIR PROCEDURE. DISCONNECT AND ISOLATE THE BATTERY NEGATIVE (GROUND) CABLE, THEN WAIT TWO MINUTES FOR THE SYSTEM CAPACITOR TO DISCHARGE BEFORE PERFORMING SERVICE. THIS IS THE ONLY SURE WAY TO DISABLE THE SRS. FAILURE TO TAKE THE PROPER PRECAUTIONS COULD RESULT IN ACCIDENTAL AIRBAG DEPLOYMENT.

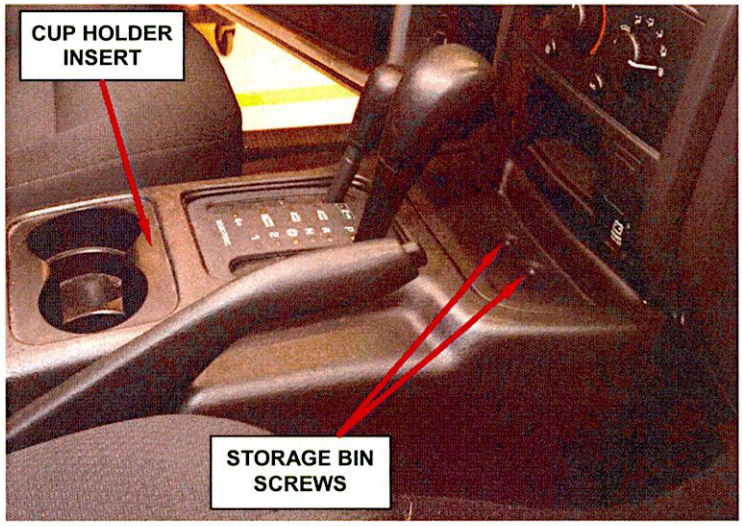

Figure 12 – Storage Bin Screws

1. Disconnect the negative battery cable.

2. Remove and save the center console using the following procedure:

   a. Remove and save the two retaining screws in the console storage bin (Figure 12).

   b. Remove and save the cup holder insert from the console (Figure 12).

   c. Remove and save the two screws under the cup holder insert (Figure 13).

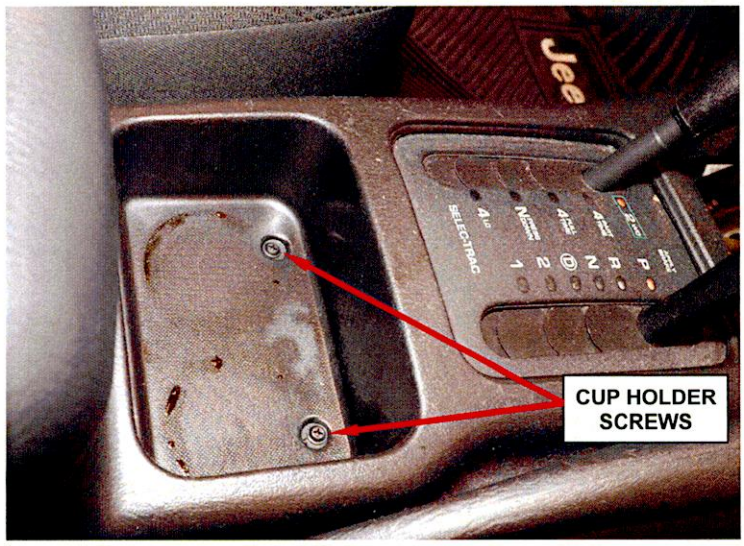

Figure 13 – Cup Holder Screws

Service Procedure (Continued)

d. Open the center console and remove and save the two screws at the bottom of the console storage bin (Figure 14).

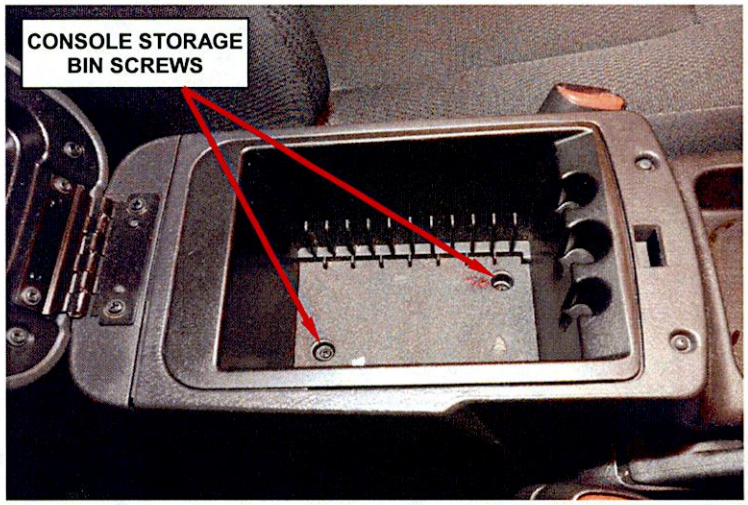

Figure 14 – Console Storage Bin Screws

e. Remove and save the center console assembly (Figure 15).

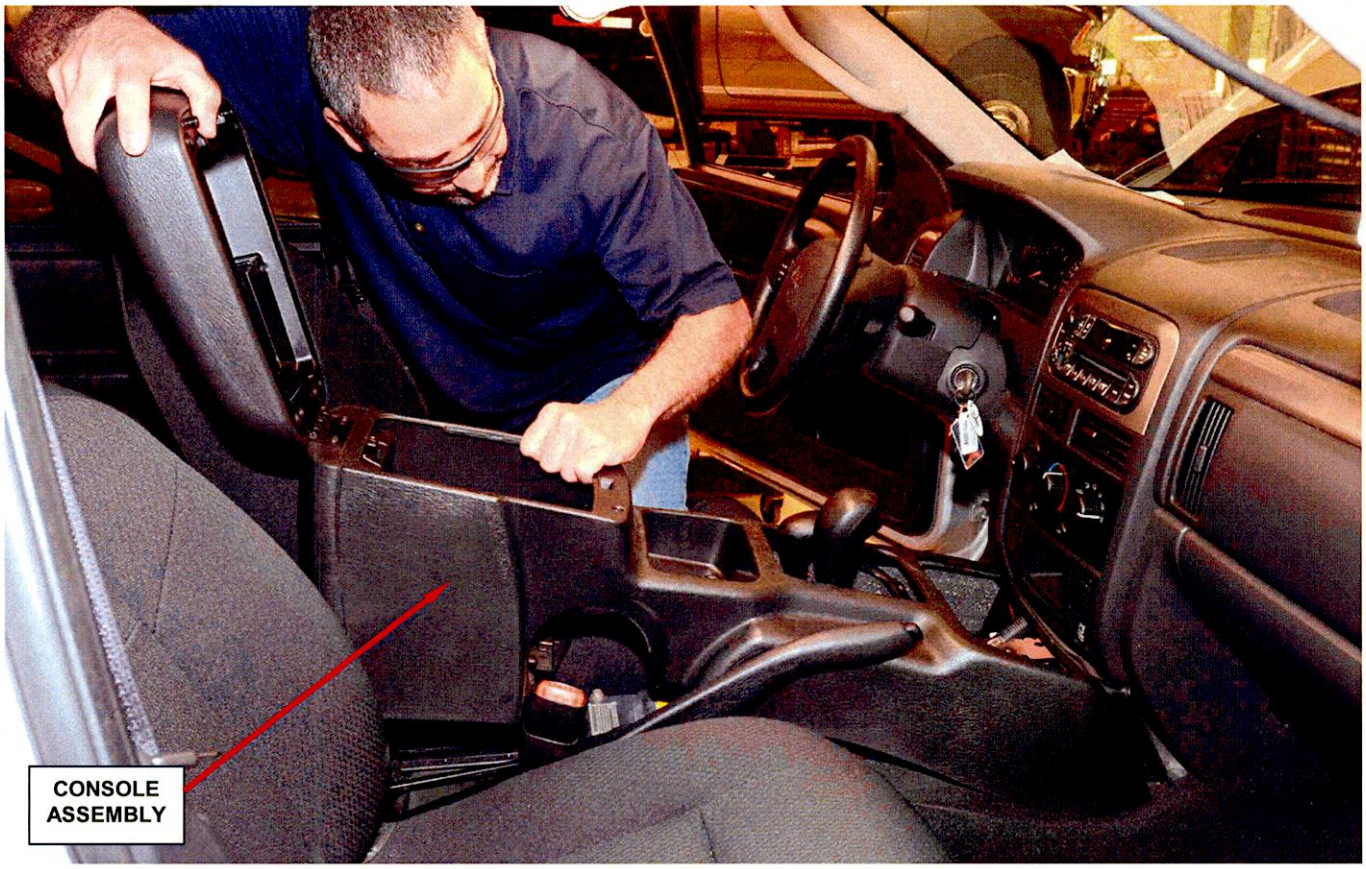

Figure 15 – Remove/Install Center Console

Service Procedure (Continued)

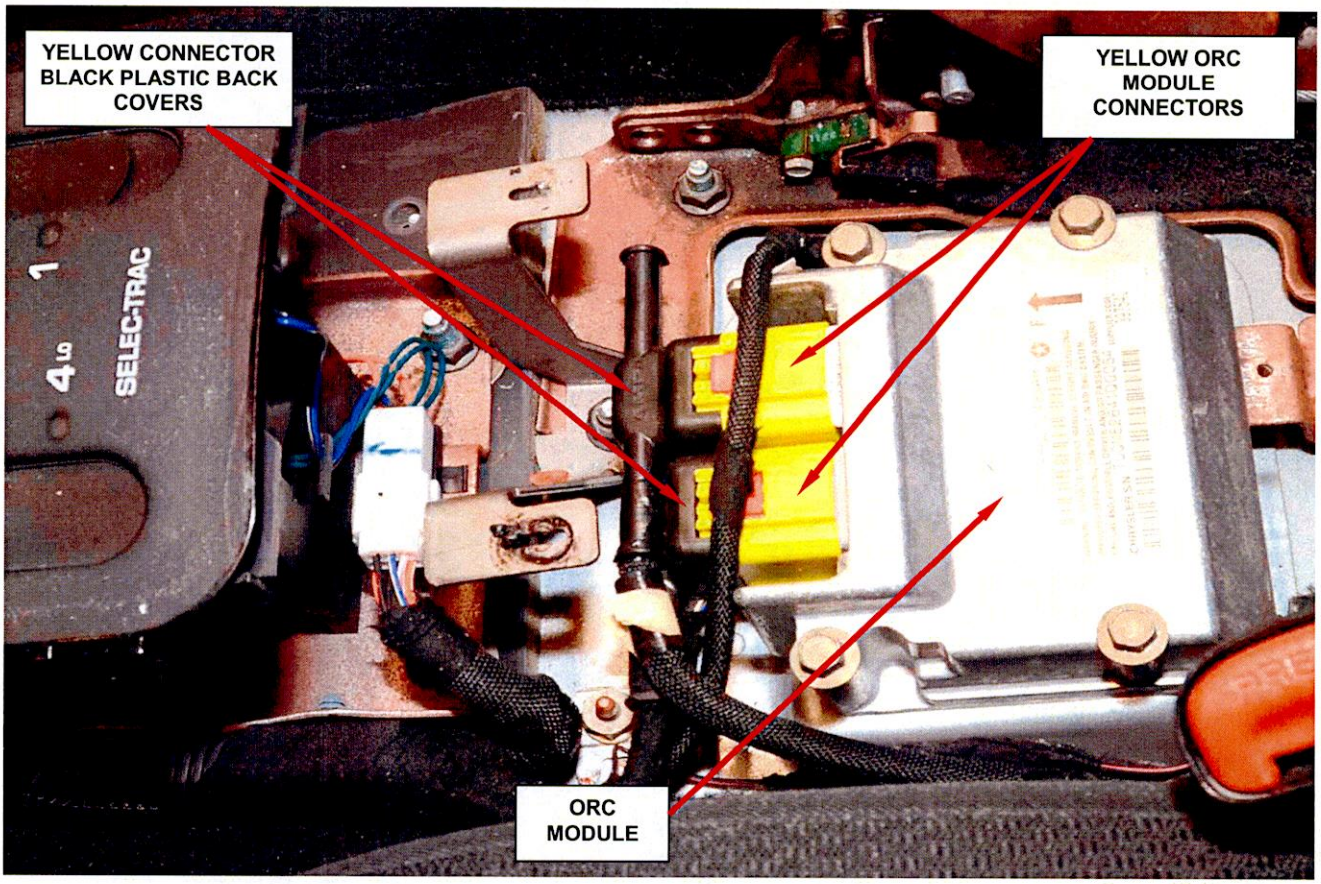

Figure 16 – Yellow ORC Module Connectors

3. Disconnect both yellow Occupant Restraint Control (ORC) module connectors (Figure 16).

4. Remove and discard both yellow connector black plastic back covers from the yellow ORC module connectors (Figure 16 and 17).

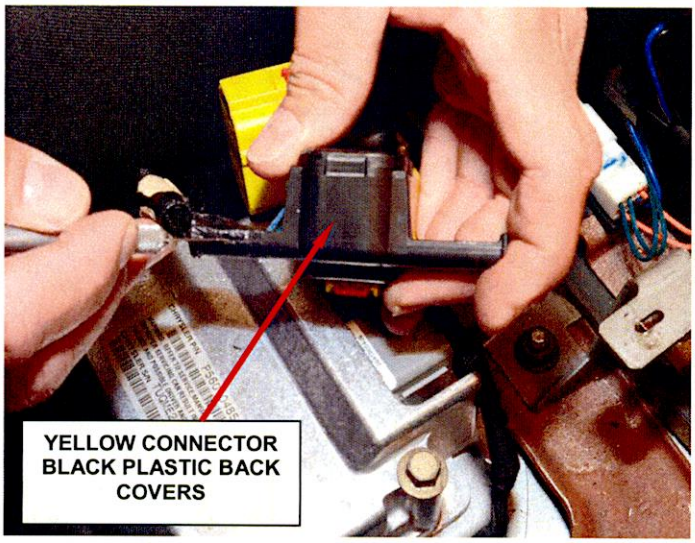

Figure 17 – Remove Black Plastic Covers

Service Procedure (Continued)

5. Remove and discard 2 inches (52 mm) of wiring harness tape from the ORC module wiring harness (Figure 18).

6. **For vehicles with side airbags**, remove and discard the wire harness floor stud mounted tie strap.

7. Plug the new filter circuit wiring into the ORC module (Figure 19).

8. Connect the original yellow ORC module harness connectors to the filter circuit wiring connectors (Figure 19).

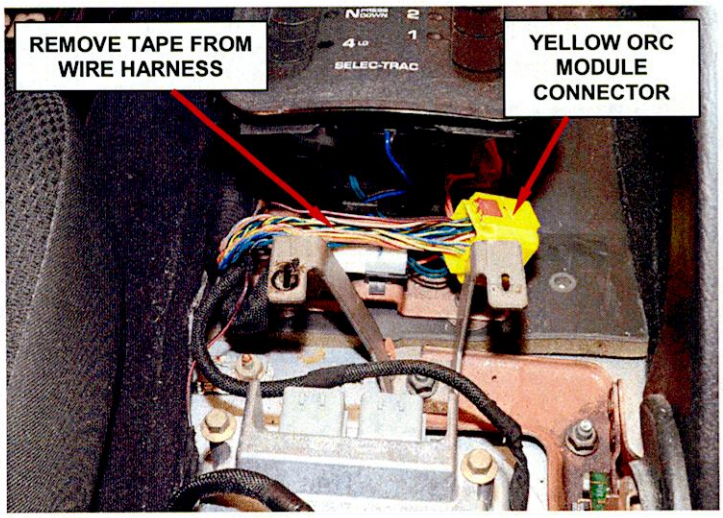

Figure 18 – Remove Tape from Wire Harness

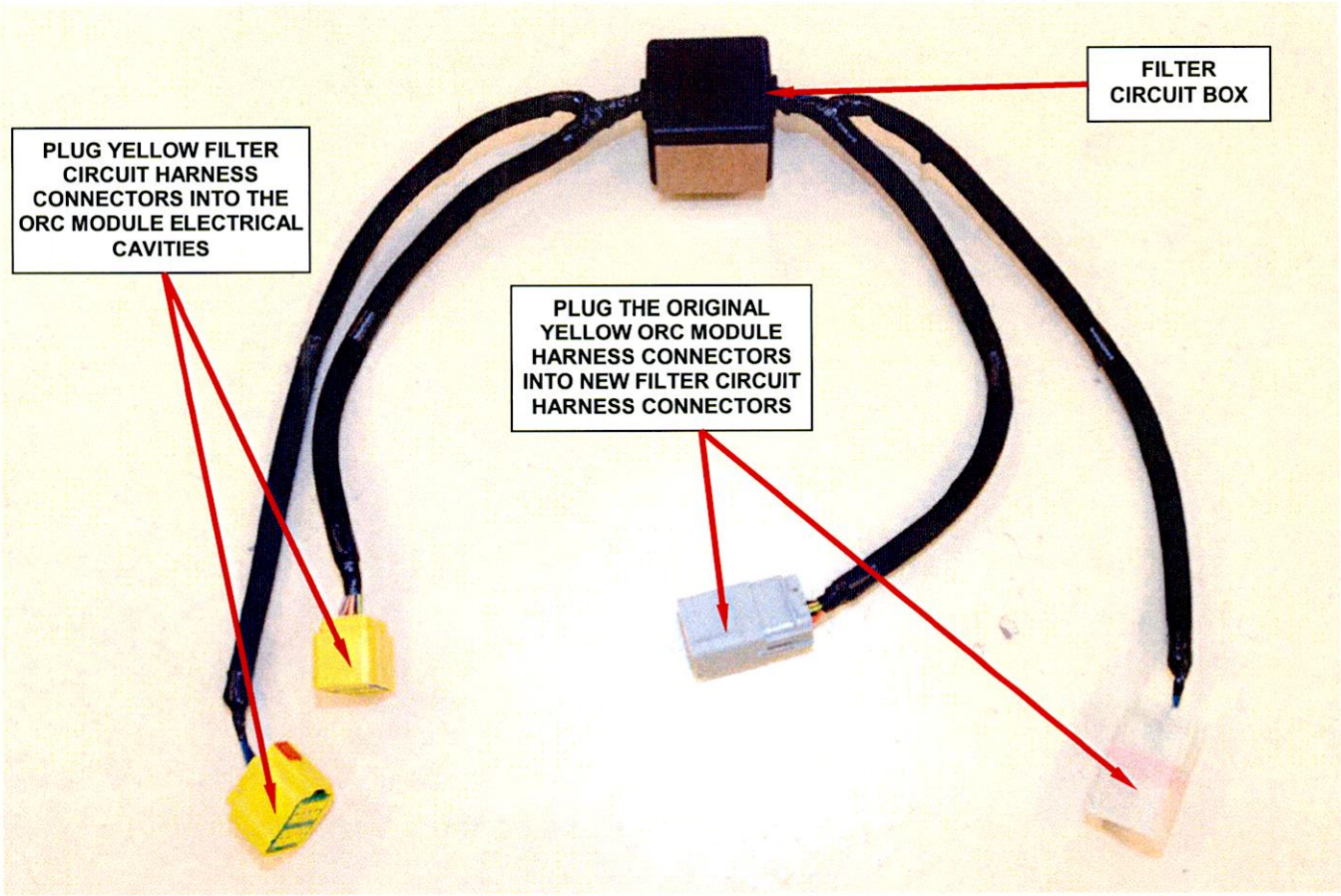

Figure 19 – Filter Circuit Harness

Service Procedure (Continued)

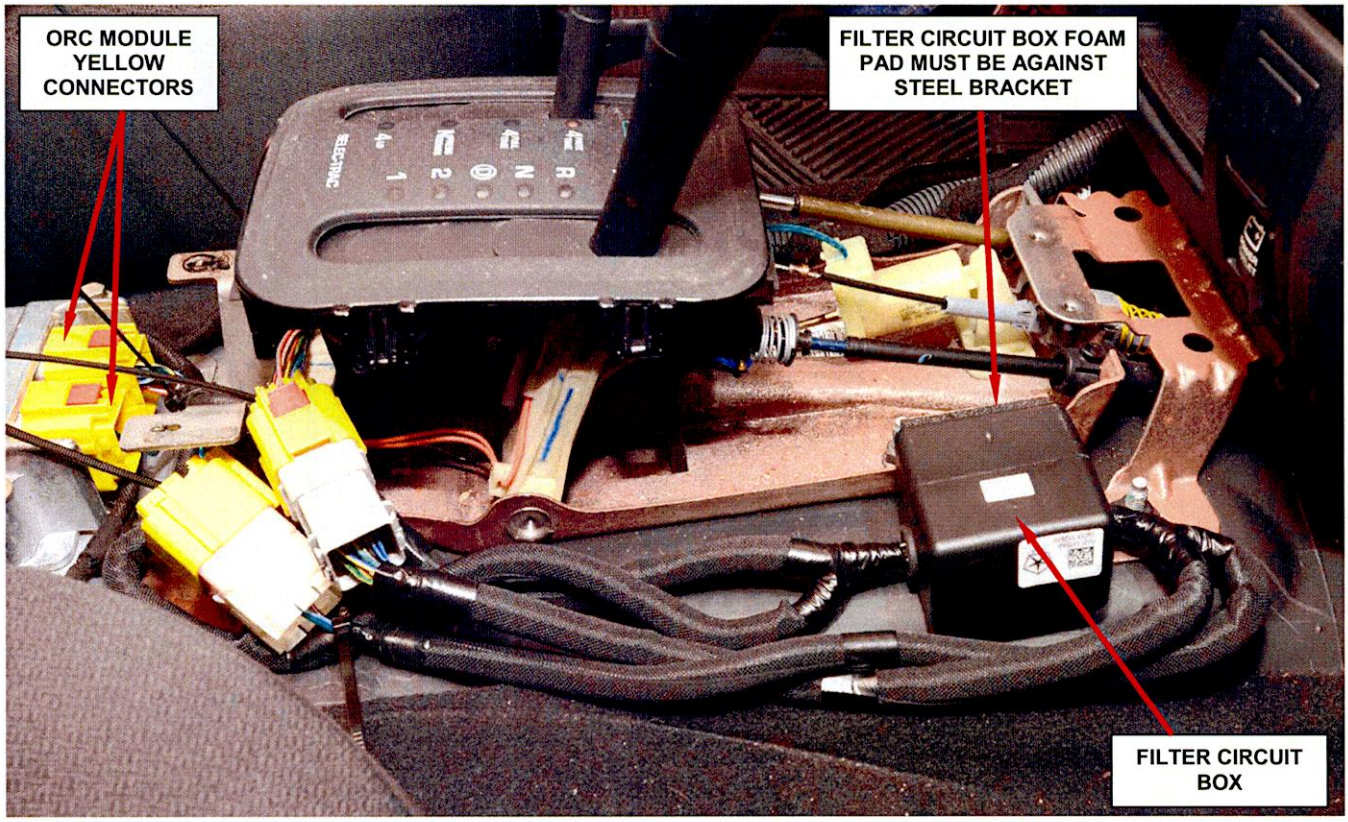

Figure 20 – Filter Circuit Wire Routing

9. Route the new filter circuit wire harness and filter circuit box as shown in figure 20 and install tie straps to secure the harness.

10. Mark the floor insulation pad on both sides of the filter circuit box as shown in Figure 21.

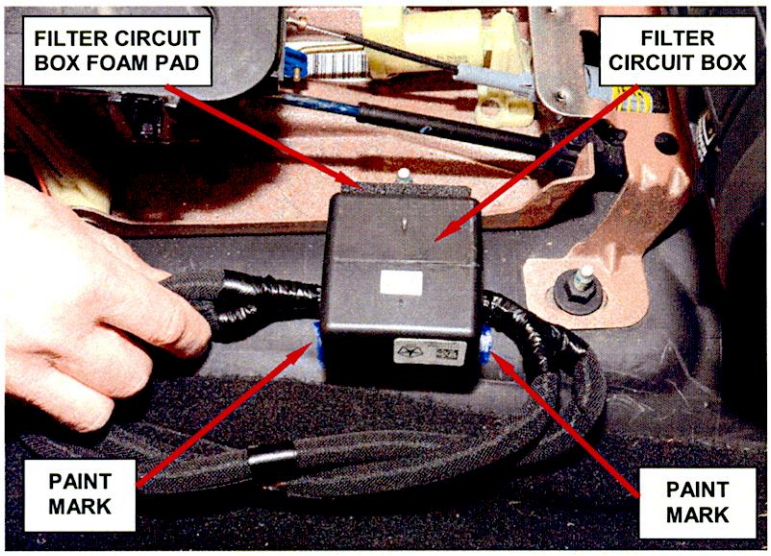

Figure 21 – Mark Filter Circuit Box Location

Service Procedure (Continued)

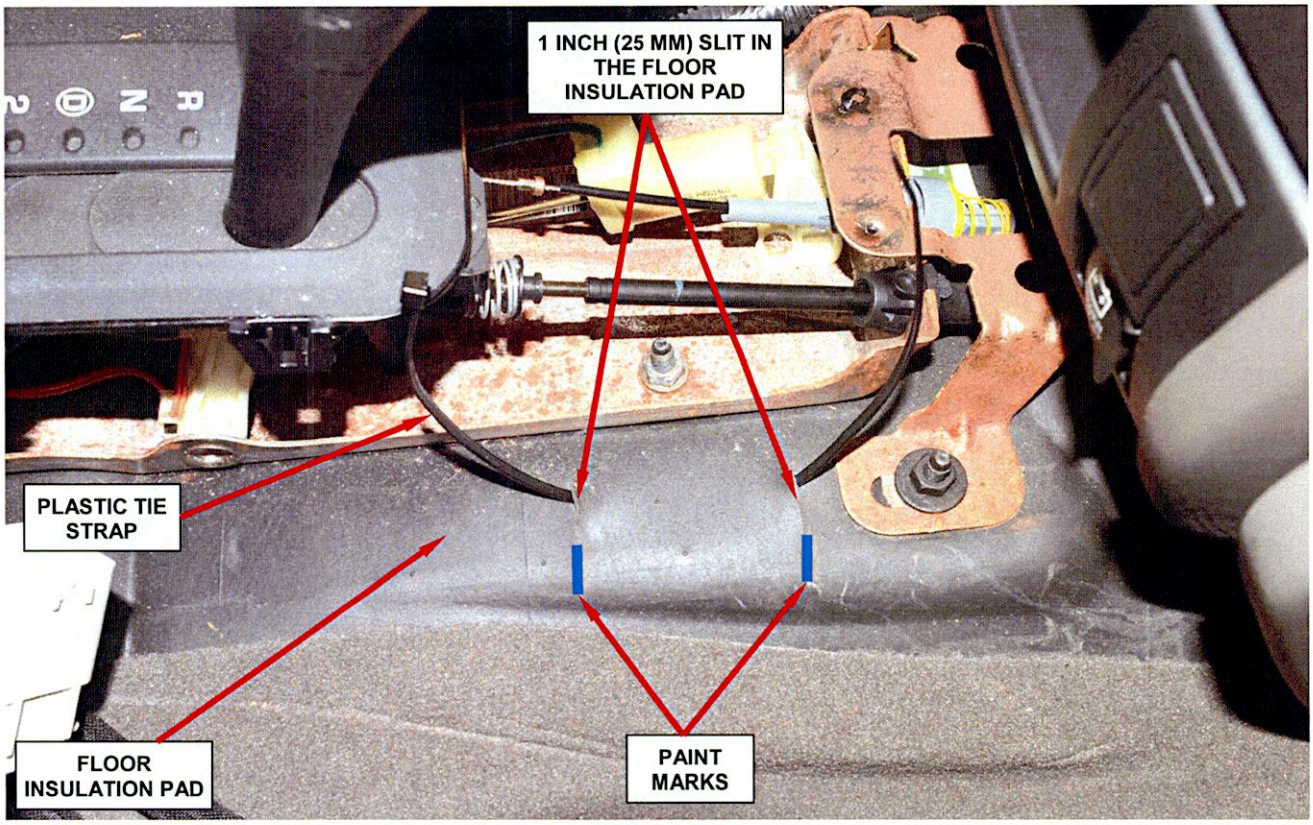

Figure 22 – Cut Slits in Floor Insulation Pad and Install Tie Strap

11. Cut a 1 inch (25 mm) slit in the floor insulation pad on both sides of the of the filter circuit box (Figure 22).

12. Install a tie strap through the slits in the floor insulation pad (Figure 22).

13. Remove and discard the glue patch release paper on the filter circuit box.

Service Procedure (Continued)

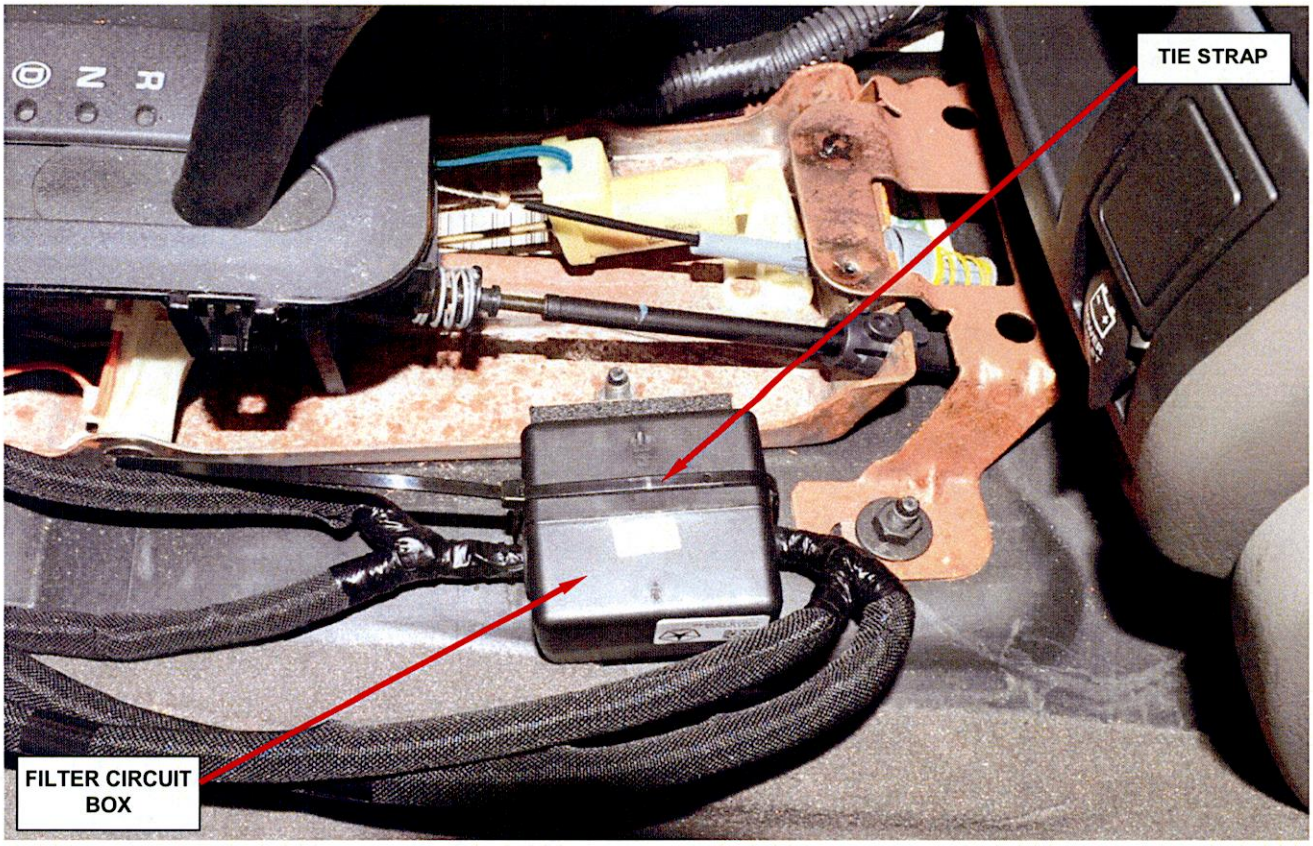

Figure 23 – Secure Filter Circuit Box with the Tie Strap

14. Place the filter circuit box into position and tie strap the circuit filter box to the floor insulation pad (Figure 23).

    NOTE: The glue patch on the circuit filter box must go against the side of the gear shift steel bracket.

15. **<u>For vehicles with side airbags</u>**, install the wire harness floor stud mounted tie strap.

16. Trim all the tails from all new tie straps.

Service Procedure (Continued)

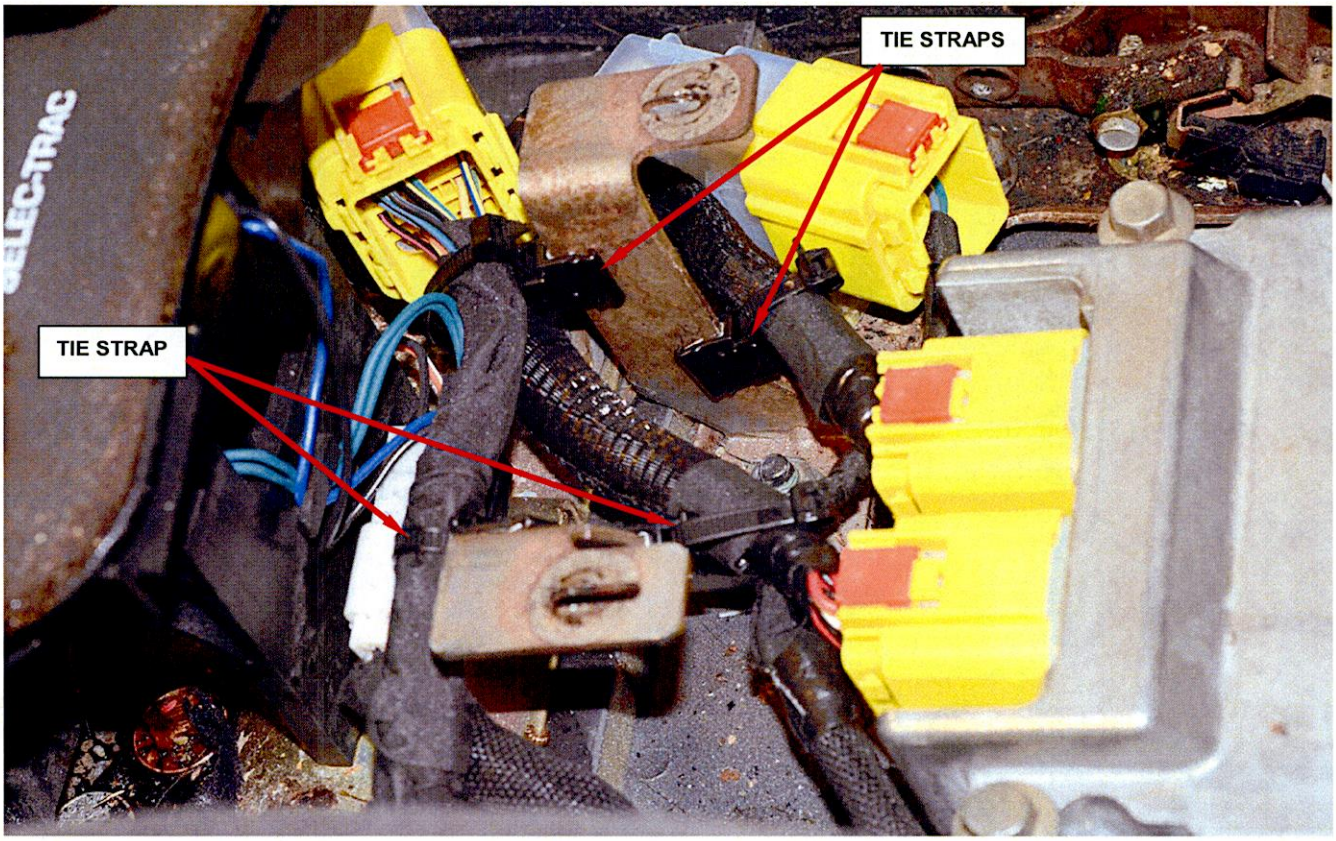

Figure 24 – Tie Strap Wire Harness

17. Install tie straps as shown in Figure 24.

    CAUTION: Verify that all ORC module wire harnesses are clear of any sharp bracket edges. Adjust ORC module wire harnesses as required.

18. Install the center console.

19. Turn the ignition key to the "RUN" position, with no one inside the vehicle, connect the negative battery cable to the battery.

20. Reset the clock on the radio.

21. Start the vehicle.

Service Procedure (Continued)

C. Replace the Four Wheel Drive Indicator Light Switch

1. Lift the vehicle on an appropriate hoist.

2. Disconnect the transfer case shift cable at the transfer case lever on the transfer case.

3. Remove and save the three transfer case shift cable bracket mounting bolts on the side of the transfer case.

4. Relocate the transfer case shift cable bracket and shift cable to gain access to the transfer case four wheel drive indicator light switch (Figure 12).

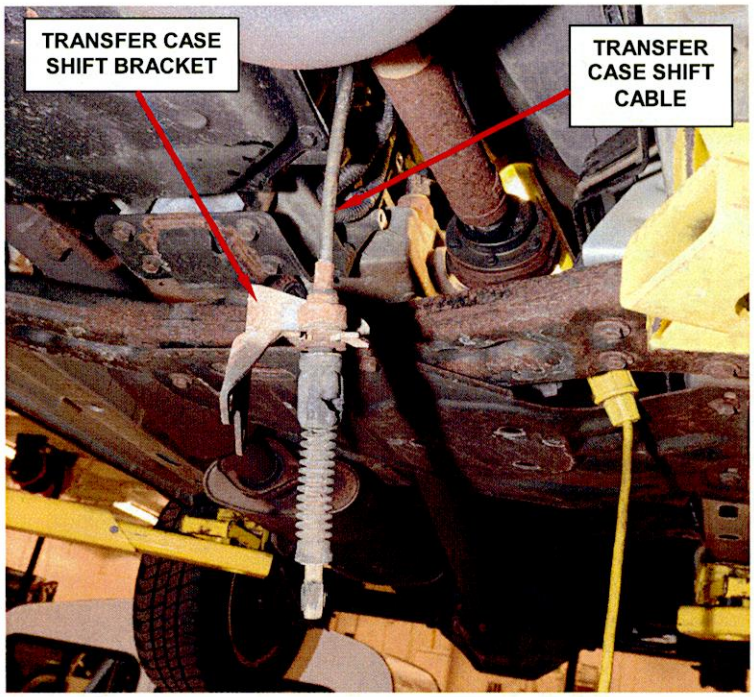

Figure 25 – Shift Cable and Bracket

5. Using a 1 ½ inch socket, remove and discard the original transfer case four wheel drive indicator light switch (Figure 13).

6. Install the new transfer case four wheel drive indicator light switch. Tighten the switch to 20 ft. lbs. (27 N·m).

7. Place the transfer case shift cable bracket and shift cable into position.

8. Install the three transfer case shift cable bracket mounting bolts. Tighten the bolts securely.

9. Connect the transfer case shift cable to the transfer case lever on the transfer case.

Figure 26 – Transfer Case Switch

10. Lower the vehicle from the hoist.

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:

	Labor Operation Number	Time Allowance
Install ORC module jumper harness (KJ models)	08-M3-51-82	0.8 hours
Install ORC module jumper harness (WJ / WG models)	08-M3-51-83	0.7 hours
Related Operation		
Replace 4x4 transfer case switch	08-M3-51-50	0.4 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

CHRYSLER

SAFETY RECALL M35 / NHTSA 12V-527
OCCUPANT RESTRAINT CONTROL MODULE FILTER CIRCUIT

Dear: (Name)

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Chrysler has decided that a defect, which relates to motor vehicle safety, exists in some **2002 and 2003 model year Jeep® Liberty vehicles and 2002 through 2004 Jeep® Grand Cherokee vehicles.**

The problem is...	**The airbag system Occupant Restraint Control (ORC) module on your vehicle** (VIN: xxxxxxxxxxxxxxxxx) **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.**
What your dealer will do...	**Chrysler will repair your vehicle free of charge (parts and labor).** To do this, your dealer will install an ORC module filter circuit. The work will take about one hour to complete. However, additional time may be necessary depending on service schedules.
What you must do to ensure your safety...	Simply **contact your Chrysler, Jeep, or Dodge dealer** right away to schedule a service appointment. Ask the dealer to hold the parts for your vehicle or to order them before your appointment. **Please bring this letter with you to your dealer.**
If you need help...	If you have questions or concerns which your dealer is unable to resolve, please contact the Chrysler Group Recall Assistance Center at 1-800-853-1403.

Please help us update our records by filling out the attached prepaid postcard if any of the conditions listed on the card apply to you or your vehicle. You may also update this information on the web at www.jeep.com/ownersreg.

If you have already paid for a repair due to a front airbag and/or seatbelt pretensioner inadvertent deployment, please send your original receipts and/or other adequate proof of payment to the following address for reimbursement: Chrysler Customer Assistance, P.O. Box 21-8007, Auburn Hills, MI 48321-8007, Attention: Reimbursement. Once we receive and verify the required documents, reimbursement will be sent to you within 60 days.

If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to http://www.safercar.gov.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Services / Field Operations
Chrysler Group LLC
Notification Code M35

Note to lessors receiving this recall: Federal regulation requires that you forward this recall notice to the lessee within 10 days.