April 2015

Dealer Service Instructions for:

Safety Recall P67 / NHTSA 14V-643
Occupant Restraint Control Module

Models

2014 (WD) Dodge Durango

(WK) Jeep® Grand Cherokee

NOTE: This recall applies only to the above vehicles built through June 28, 2014 ***(MDH 062813)***.

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

Subject

The Occupant Restraint Control (ORC) module on about 125,500 of the above vehicles may develop an internal fault. A coating on the ORC module printed circuit boards may have been improperly applied during the manufacturing process. If the coating was applied incorrectly, lead salts may form and cause a resistive short across the ORC module printed circuit board(s). Atmospheric humidity may increase the potential for this condition. This could cause the airbag warning lamp to illuminate and potentially disable the passive restraint system. This could cause an increased risk of injury during certain crash conditions.

Repair

The ORC module must be replaced on all involved vehicles.

© Copyright 2015, FCA US LLC, All Rights Reserved (wah)

Parts Information

Part Number	Description
CBP1P673AA	**Module, ORC** (WK models with sales code **YAB**)
CBP1P674AA	**Module, ORC** (WK models without sales code **YAB)**
CBP1P675AA	**Module, ORC** (all WD models)

Each dealer to whom vehicles in the recall were assigned will receive enough ORC modules 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

1. Open the hood and locate the Power Distribution Center (PDC).

2. Open the PDC cover and pull the ORC module fuses (fuse numbers F85 and F86) (Figure 1).

   NOTE: Fuse locations are listed on the inside of the PDC cover (Figure 1).

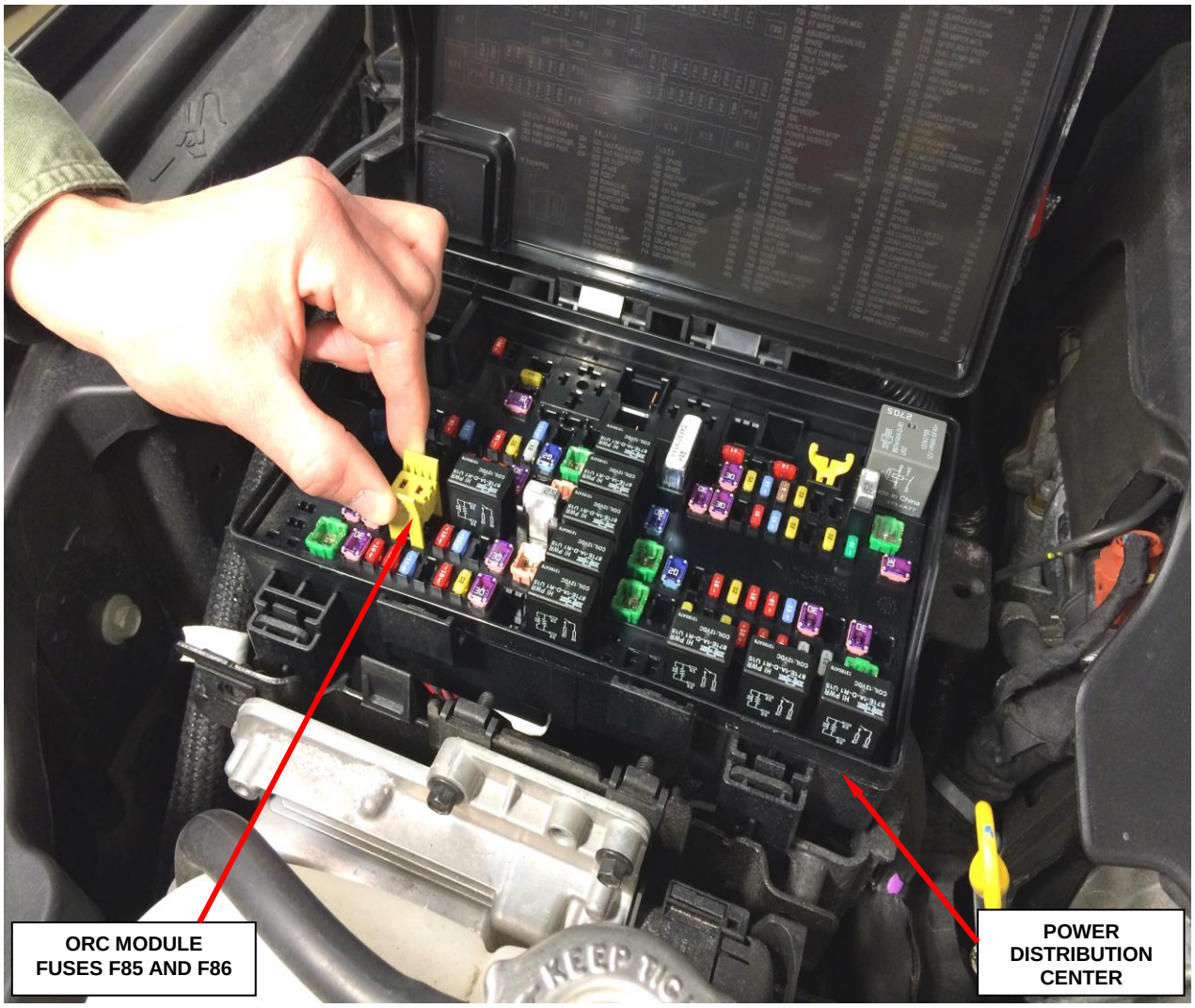


Figure 1 – ORC Module Fuse

Service Procedure (Continued)

3. Use the following procedure to partially remove the center console:

   a. **For WK models only**, remove and save the gear shift handle top cover (Figure 2).

   b. **For WK models only**, remove and save the gear shift handle retaining screw located under the top cover (Figure 2).

   c. **For WK models only**, remove and save the gear shift handle knob (Figure 2).



Figure 2 – Gear Shift

   d. Remove and save the center console top panel.

   e. Remove and save the center console right and left side panels (Figure 3).



Figure 3 – Console Side Panels (right side shown)

Service Procedure (Continued)

f. Remove and save the four console mounting screws located behind the side panels (two per side).

g. Disconnect the grey electrical connector (Figure 4).

h. Move both front seats to the full forward position.

i. Remove and save the center console rear retaining bolt plastic covers (Figure 5).

j. Remove and save the center console rear retaining bolts (Figure 5).

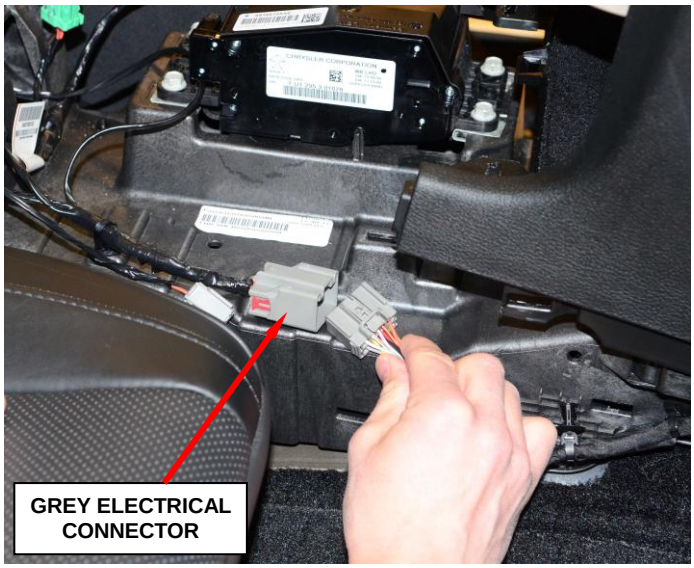


Figure 4 – Grey Electrical Connector

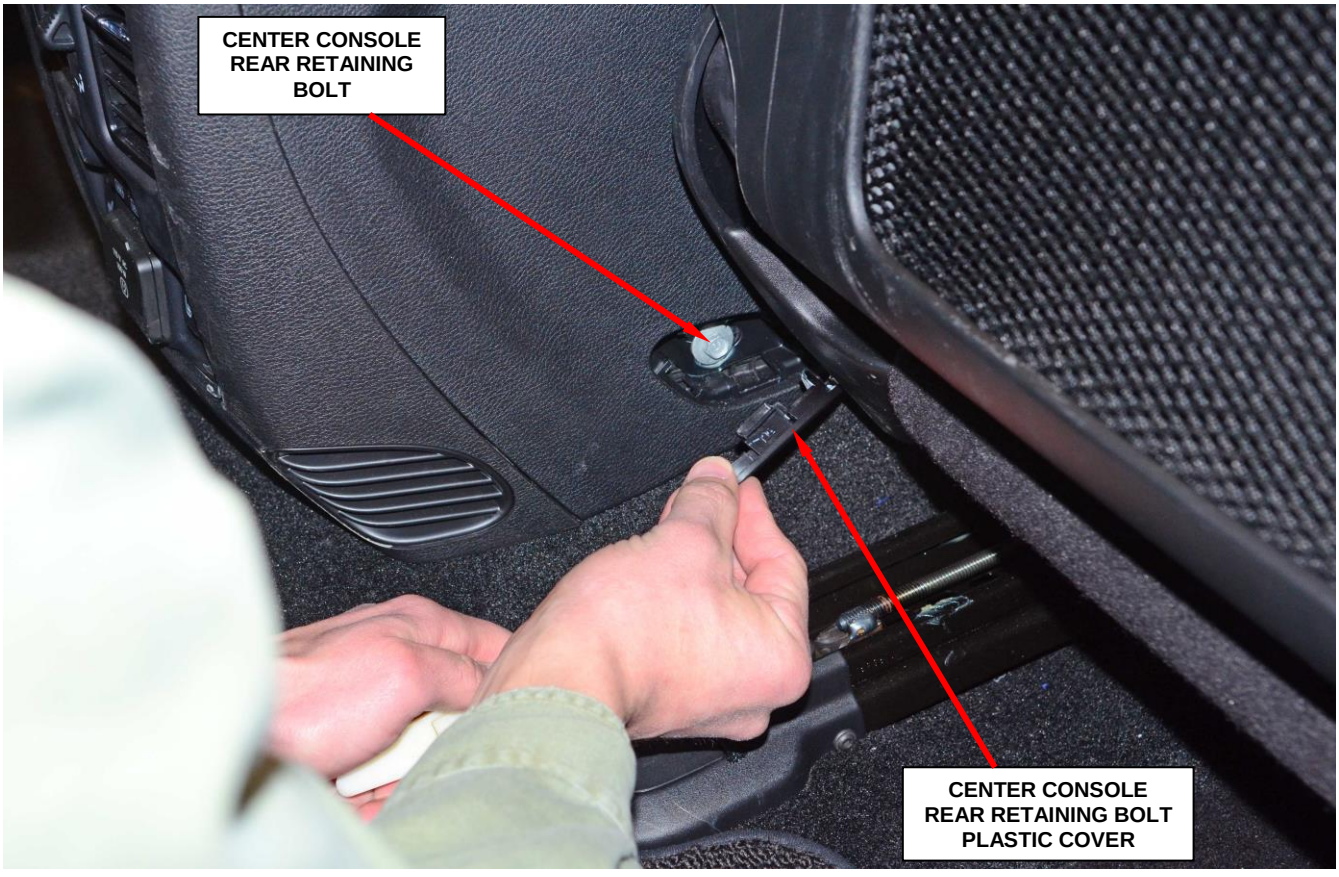


Figure 5 – Center Console Rear Retaining Bolts (right side shown)

Service Procedure (Continued)

k. Disconnect the center console large flat electrical connector located under the passenger front seat (Figure 6).

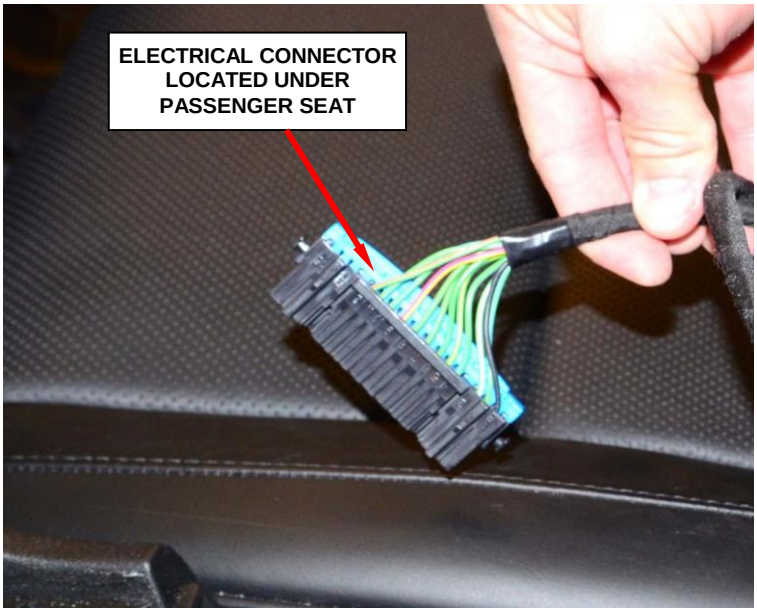


Figure 6 – Electrical Connector

l. Carefully lift the back of the center console up and install a prop rod or equivalent (Figure 7).



Figure 7 – Prop Up Back of Console

Service Procedure (Continued)

WARNING: To avoid serious or fatal injury on vehicles equipped with side curtain airbags, disable the Supplemental Restraint System (SRS) before attempting any Occupant Restraint Controller (ORC) module service. The ORC module may contain a rollover sensor, which enables the system to deploy the side SRS components in the event of a vehicle rollover event. If an ORC module containing a rollover sensor is accidentally rolled during service while still connected to battery power, the side SRS components will deploy. Disconnect and isolate the battery negative (ground) cable, then wait two minutes for the system capacitor to discharge before performing further service. This is the only sure way to disable the SRS. Failure to take the proper precautions could result in accidental airbag deployment.

WARNING: To avoid serious or fatal injury, never strike or drop the ORC module, as it can damage the impact sensor or affect its calibration. The ORC module contains the impact sensor, which enables the system to deploy the Supplemental Restraint System (SRS) components. If an ORC module is accidentally dropped during service, the module must be scrapped and replaced with a new unit. Failure to observe this warning could result in accidental, incomplete, or improper SRS component deployment.

4. Disconnect and isolate the negative cable from the battery (Figure 8). Wait two minutes for the system capacitor to discharge before further service.

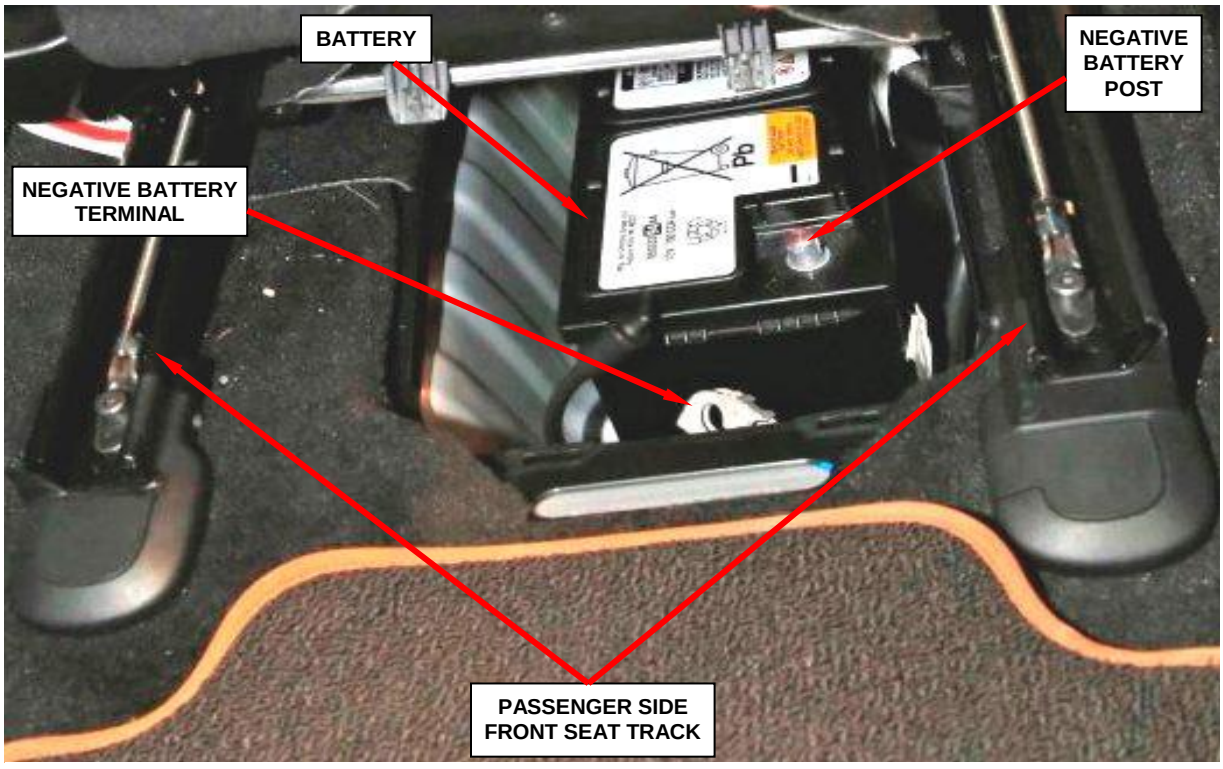


Figure 8 – Disconnect Negative Battery Cable

Service Procedure (Continued)

5. Disconnect the instrument panel and body wire harness electrical connectors from the ORC module.

   NOTE: To disconnect the wire harness electrical connectors from the ORC module, depress the release tab and lift the lever arm to the fully open position on each electrical connector (Figure 9).

   NOTE: Disconnecting the smaller electrical connector first will allow easier access for disconnecting the large electrical connector.

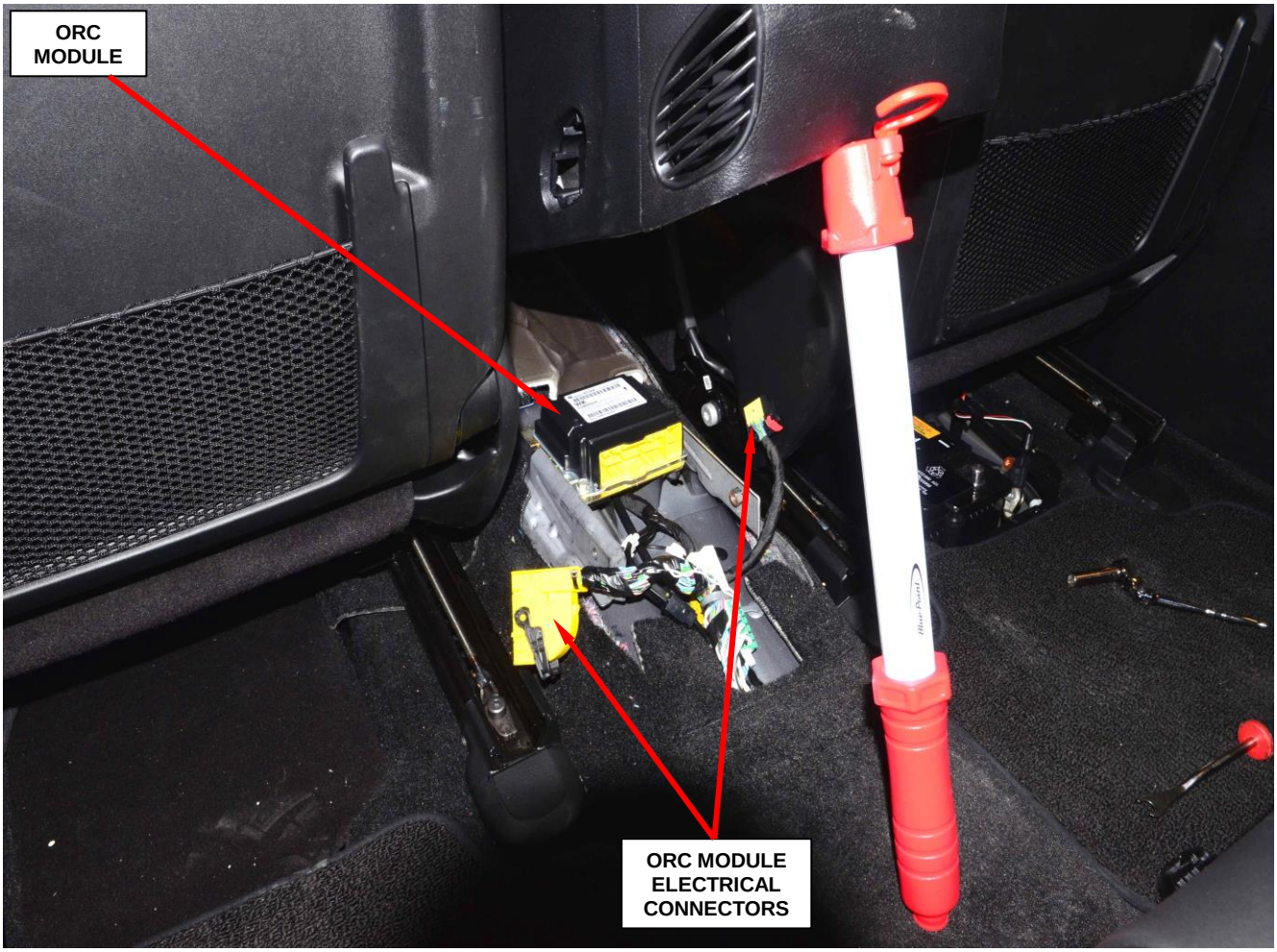


Figure 9 – ORC Module Yellow Electrical Connectors

Service Procedure (Continued)

6. Remove and save the two bolts and one nut that secure the ORC module to the vehicle.

7. Remove and discard the original ORC module from the vehicle (Figure 10).

   CAUTION: Do not remove the metal plate located under the ORC module (Figure 10).

8. Carefully position the new ORC module onto the weld stud at the right front corner of the ORC module.

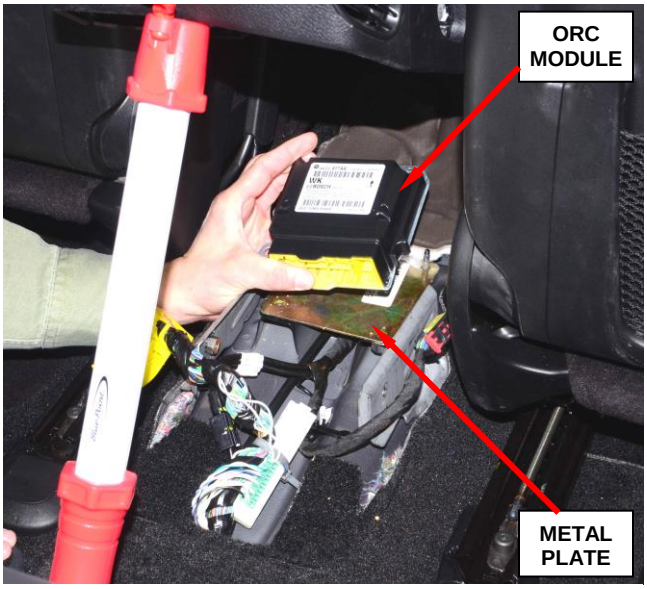


Figure 10 – ORC Module

   NOTE: When the ORC is correctly positioned, the orientation arrow on the ORC label will be pointed forward in the vehicle.

9. Loosely install the nut that secures the ORC module to the vehicle.

10. Align the mounting holes on the left side of the ORC module.

11. Install the two bolts that secure the ORC module. Tighten the bolts to 62 in. lbs. (7 N·m).

12. Tighten the nut that secures the ORC module to 62 in. lbs. (7 N·m).

13. Connect the electrical connectors to the ORC module connector receptacles.

    CAUTION: Be certain that the latches on both ORC module electrical connectors are fully engaged.

14. Lower the center console into position.

Service Procedure (Continued)

15. Use the following procedure to install the center console:

    a. Connect the center console large flat electrical connector located under the passenger front seat (Figure 6).

    b. Install the center console rear retaining bolts (Figure 5).

    c. Install the center console rear retaining bolt plastic covers (Figure 5).

    d. Connect the negative battery cable.

    e. Move both front seats to the full rearward position.

    f. Connect the grey electrical connector on the center console (Figure 4).

    g. Install the four console mounting screws located behind the side panels (two per side).

    h. Install the center console right and left side panels (Figure 3).

    i. Install the center console top panel.

    j. **For WK models only**, install the gear shift handle knob (Figure 2).

    k. **For WK models only**, install the gear shift handle retaining screw located under the top cover (Figure 2).

    l. **For WK models only**, install the gear shift handle top cover (Figure 2).

16. Connect the wiTECH scan tool and start a session.

17. Cycle the ignition key to the "ON" position.

18. With the vehicle unoccupied, install the ORC module fuses (fuse F85 and F86) (Figure 1).

19. Wait two minutes.

20. Erase all Diagnostic Trouble Codes (DTC's).

Service Procedure (Continued)

21. Use the following procedure to reset the ORC module:

    a. From the "Vehicle View" screen, select the "**ORC**" icon.

    b. Select the "**Misc. Functions**" tab.

    c. Select "**Initialize ORC**" from the list.

    d. Follow the wiTECH screen prompts to complete the initialization process.

    e. Once the initialization process is complete, wait one minute and then clear all DTC's.

    f. Return to the "Vehicle View" screen.

    g. From the "Vehicle View" screen, select the "**ABS**" icon.

    h. Select the "**Misc. Functions**" tab.

    i. Select "**ABS Initialization**" from the list.

    j. Follow the wiTECH screen prompts to complete the initialization process.

    k. Once the initialization process is complete, clear all DTC's.

22. Remove the wiTECH scan tool from the vehicle.

23. Return the vehicle to the customer.

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 FCA to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	Labor Operation Number	Time Allowance
Replace ORC module	08-P6-71-82	0.8 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 FCA 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
FCA US LLC