



Revised March 2018

Dealer Service Instructions for:

# **Safety Recall T56 / NHTSA 17V-640 Occupant Restraint Controller**

**NOTE: Jeep® Liberty (KK) LOP is now activated and parts are available.**

**SPECIAL NOTE: Some 2012-2013 JS vehicles may be involved in both Safety Recalls S61 and T56. Both Safety Recalls use the same remedy ORC part; If Safety Recall S61 has been completed, use the inspection LOP for this recall.**

## **Models**

2012-2013	(JS) Chrysler 200
2012-2013	(JS) Dodge Avenger
2012	(KK) Jeep® Liberty

**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 Occupant Restraint Controller (ORC) on about 414,000 of the above vehicles may cause an illuminated airbag warning lamp due to an internal failure in the ORC which may result in the inability to deploy Active Headrests (AHR) during certain rear-end crashes. The inability to deploy AHR during certain rear-end crashes may increase the risk of injury to front seat occupants during such rear-end crashes.

## **Repair**

## Safety Recall T56 -- Occupant Restraint Controller

The ORC part number must be inspected and the ORC must be replaced if necessary.

### Parts Information

#### Sales Code Descriptions:

Sales Code	Description (STV)
CJ2	SUPP. SIDE CURTAIN FRT/RR AIR BAGS
CJ1	SUPPLEMENTAL FRT SEAT SIDE AIR BAGS
CG3	ADVANCED MULTISTAGE FRONT AIR BAGS
CG1	NEXT GEN MULTISTAGE FRONT AIR BAGS

Model Year	Vehicle	Part Number	Sales Codes	Market
2012-2013	JS - Chrysler	CSZES61AAA	with CJ1, withCJ2	US/Canada/Mexico/BUX (International)
2012-2013	JS - Chrysler	68186183AC	with CG3, without CJ1, without CJ2	US/Canada/Mexico
2012-2013	JS - Chrysler Convertible	CSZES61CAA	with CJ1	US/Canada/Mexico
2012-2013	JS - Lancia Convertible	68186186AC	with CG3, with CJ1	BUX (International)
2012-2013	JS - Chrysler Convertible	68186185AC	with CG3, without CJ1	US/Canada/Mexico
2012-2013	JS - Dodge	CSZES616AA	with CJ1, withCJ2	US/Canada/Mexico
2012-2013	JS - Dodge	CSZES618AA	with CG3, without CJ1, without CJ2	US/Canada/Mexico
2012	KK - Jeep Liberty	CSKDT562AA	with CG3	US/Canada
2012-2013	KK - Jeep Liberty	CSKDT562AA	with CG3	Mexico
2012-2013	KK - Jeep Liberty	CSKDT561AA	with CG1	BUX (International)
2011-2013	K1 - Jeep Cherokee	CSKDT561AA	with CG1, with CJ2	Venezuela
2011-2013	K1 - Jeep Cherokee	CSKDT561AA	with CG1, with CJ2	Egypt



**Service Procedure****A. Inspect Occupant Restraint Controller**

**WARNING:** To avoid serious or fatal injury on vehicles equipped with airbags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, airbag, seat belt tensioner, impact sensor or instrument panel component diagnosis or service. Disconnect and isolate the battery negative (ground) cable, then wait two minutes for the system capacitor to discharge before performing further diagnosis or 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 Occupant Restraint Controller (ORC), as it can damage the impact sensor or affect its calibration. The ORC contains the impact sensor, which enables the system to deploy the SRS components. If an ORC 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.

**NOTE:** Several different Occupant Restraint Controllers (ORC) are available for these vehicles. For vehicles equipped with the optional side curtain or seat airbags the ORC contains a second bi-directional safing sensor.

1. Connect the wiTECH micro pod II to the vehicle data link connector located under the steering column.
2. Open the wiTECH 2 website.
3. Enter your “User id”, “Password” and “Dealer Code” then select “Sign in”.
4. Starting at the “Vehicle Selection” screen, select the appropriate vehicle and Device Name.

**Service Procedure (Continued)**

5. From the “**Action Items**” screen, select the “**Topology**” tab.
6. From the “**Topology**” screen, click on the “**ORC**” icon.
7. Go to the “**Flash**” tab and read the ORC part number.
  - **For 2012 KK model vehicles** with an ORC part number ending in “AC” or higher, no ORC replacement is necessary. Remove the wiTECH micro pod II and return the vehicle to the customer.
  - **For 2012 KK model vehicles** with an ORC part number ending in “AA” or “AB”, continue with Section **C. Replace Occupant Restraint Controller (2012 KK)**.
  - **For 2012-2013 JS model vehicles** with an ORC part number **on** the list below, no ORC replacement is necessary. Remove the wiTECH micro pod II and return the vehicle to the customer.

**2012-2013 JS Model Part Number list (Part numbers that do not require an ORC replacement):** 68186180AD, 68186181AC, 68186182AD, 68186183AC, 68186184AD, 68186185AC or 68186186AC.

- **For 2012-2013 JS model vehicles** with an ORC part number **not on** the list, continue with Section **B. Replace Occupant Restraint Controller (2012-2013 JS)**.

**Service Procedure (Continued)**

**B. Replace Occupant Restraint Controller (2012-2013 JS)**

1. Disconnect and isolate the negative cable from the battery. Wait two minutes for the system capacitor to discharge before further service.

**WARNING:** Wait two minutes for the system reserve capacitor to discharge before servicing any airbag components. Failure to do this may result in serious or fatal injury.

**NOTE: Chrysler 200 shown, Dodge Avenger similar**



**Figure 1 - HVAC Controls**

2. Remove the center console.
  - a. Using trim stick C-4755 or equivalent, remove and disconnect the HVAC controls (Figure 1).

- b. Using trim stick C-4755 or equivalent, remove the shifter trim bezel.



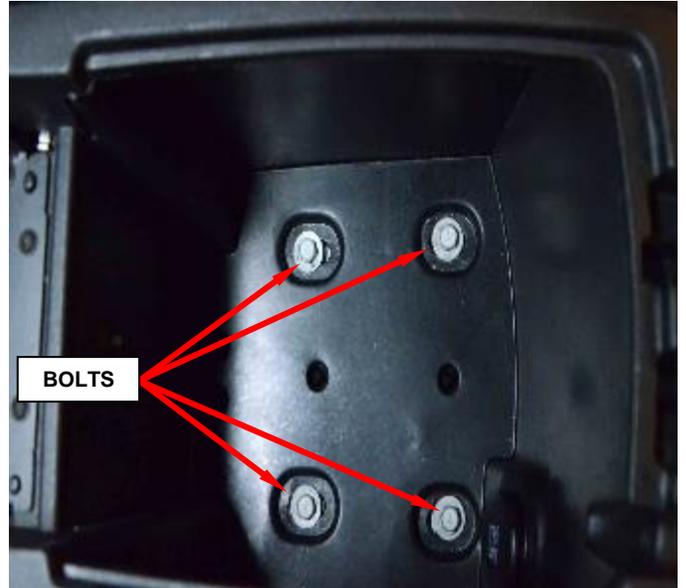
**Figure 2 – Front Storage Bin**

- c. Using trim stick C-4755 or equivalent, remove the console front storage bin and disconnect the USB connector from the bin if equipped (Figure 2).

**Service Procedure (Continued)**

d. Open the console bin lid and remove the console bin mat/liner.

e. Remove the four bolts located inside the console bin (Figure 3).

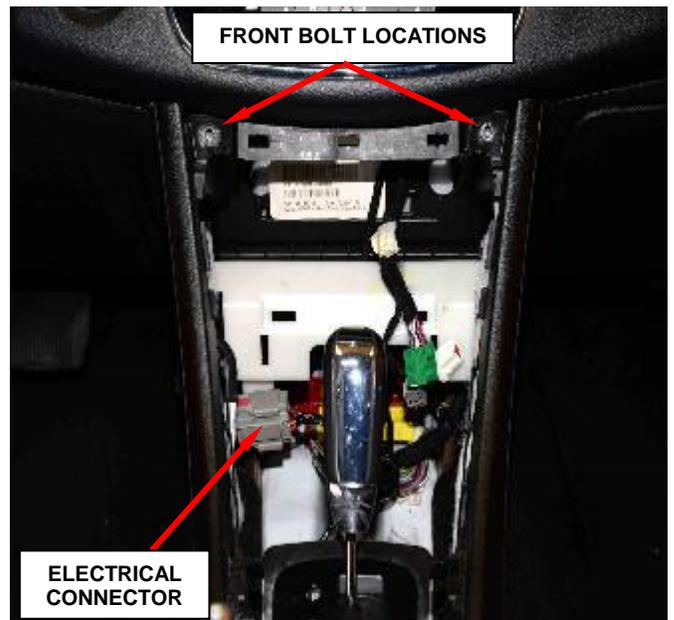


**Figure 3 – Console Bin Bolts**

f. Remove the two front console bolts (Figure 4).

g. Pull the parking brake lever rearward.

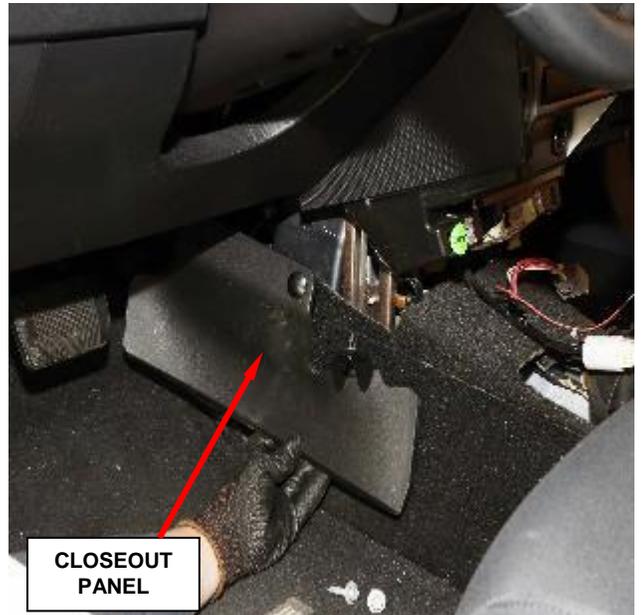
h. Disconnect the electrical connector then lift up on the rear of the center console, and remove the center console (Figure 4).



**Figure 4 - Front Console Bolts**

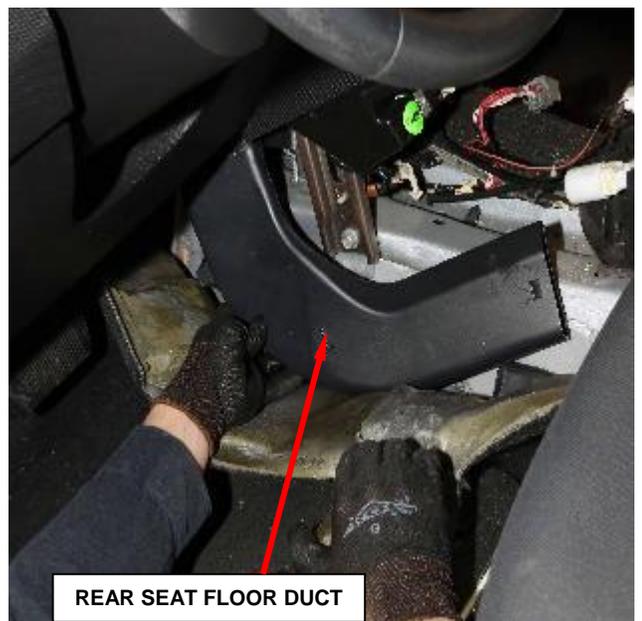
**Service Procedure (Continued)**

3. Remove the left-side instrument panel closeout panel (Figure 5).



**Figure 5 – Closeout Panel**

4. Remove the left-side rear seat floor duct (Figure 6).



**Figure 6 – Rear Seat Floor Duct  
(Left-Side Shown, Right-Side Similar)**

**Service Procedure (Continued)**

5. Remove the right-side hush panel (Figure 7).

6. Remove the right-side rear seat floor duct (Figure 6).

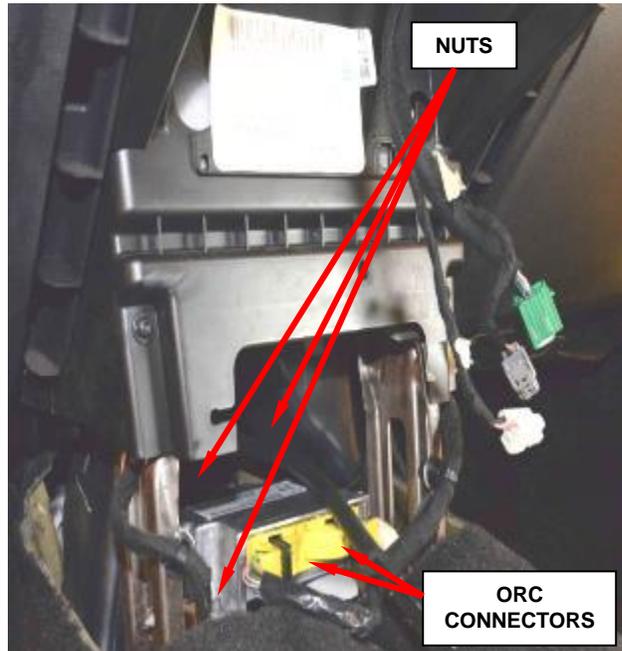
7. Remove the three Occupant Restraint Controller (ORC) mounting nuts (Figure 8).



**Figure 7 – Hush Panel**

8. Disconnect the two ORC connectors (Figure 8).

9. Remove ORC from vehicle.



**Figure 8 – ORC Connectors  
(Sebring Shown, Avenger Similar)**

**Service Procedure (Continued)**

10. Connect the two ORC connectors to the **NEW** ORC and ensure that the connectors are engaged.
11. Position the **NEW** ORC (arrow pointing forward) on the console floor bracket and mounting studs (Figure 9).
12. Install the three ORC retaining nuts and tighten to 80 in. lbs. (9 N·m).
13. Install the right-side rear seat floor duct.
14. Install the right-side hush panel.
15. Install the left-side rear seat floor duct.
16. Install the left-side instrument panel closeout panel.
17. Install the center console. Tighten the six screws securely.
18. Connect the center console electrical connector.
19. Install the front storage bin.
20. Install the center console bezel.
21. Connect the HVAC controls and install the controls.
22. Do not connect the negative cable to the battery at this time. The Supplemental Restraint System (SRS) Verification Test procedure should be performed following service of any SRS component. **Continue with Section D. Supplemental Restraint System (SRS) Verification Test.**

**Figure 9 – Arrow Orientation**

**Service Procedure (Continued)**

**C. Replace Occupant Restraint Controller (2012 KK)**

1. Place the gear shift in the neutral position and fully apply the park brake.

2. Open the hood and disconnect the negative battery cable.



**Figure 10 – Gear Shift Bezel**

3. Remove and save the center console gear shift bezel (Figure 10).

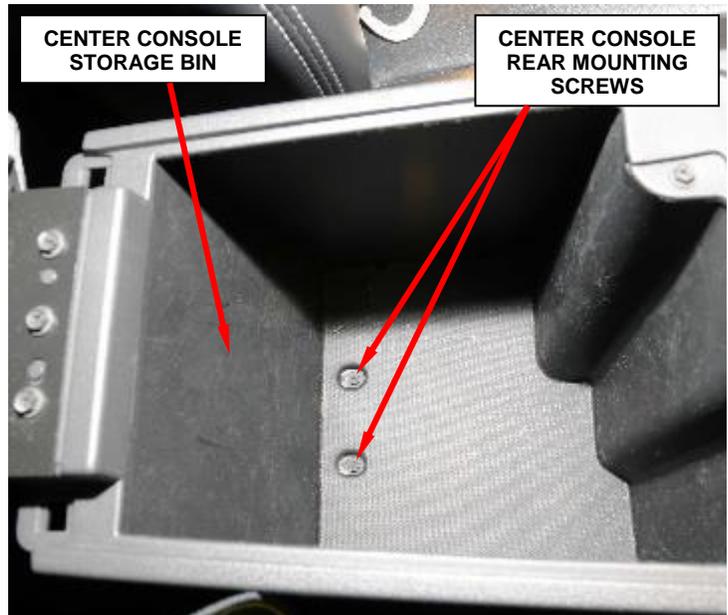
4. Remove and save the two front console mounting screws (Figure 11).



**Figure 11 – Center Console Front Mounting Screws**

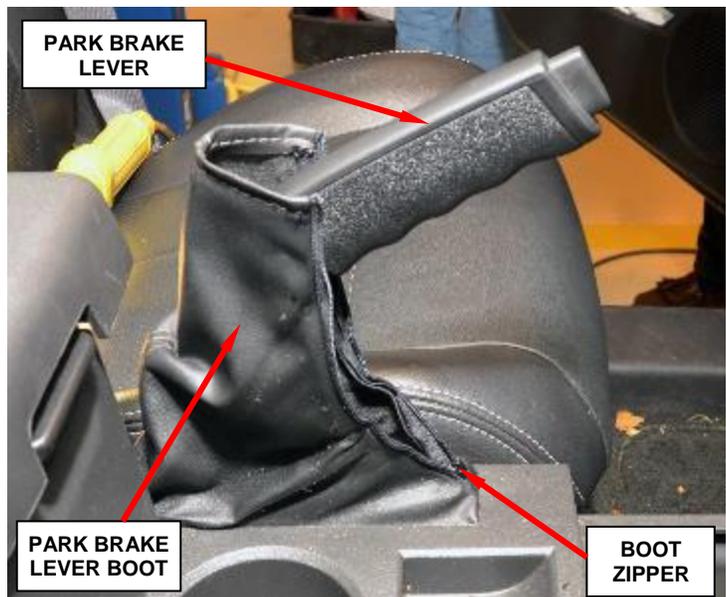
**Service Procedure (Continued)**

5. Remove and save the two center console rear mounting screws (Figure 12).



**Figure 12 – Center Console Rear Mounting Screws**

6. Unzip the park brake lever boot (Figure 13).



**Figure 13 – Park Brake Handle Boot**

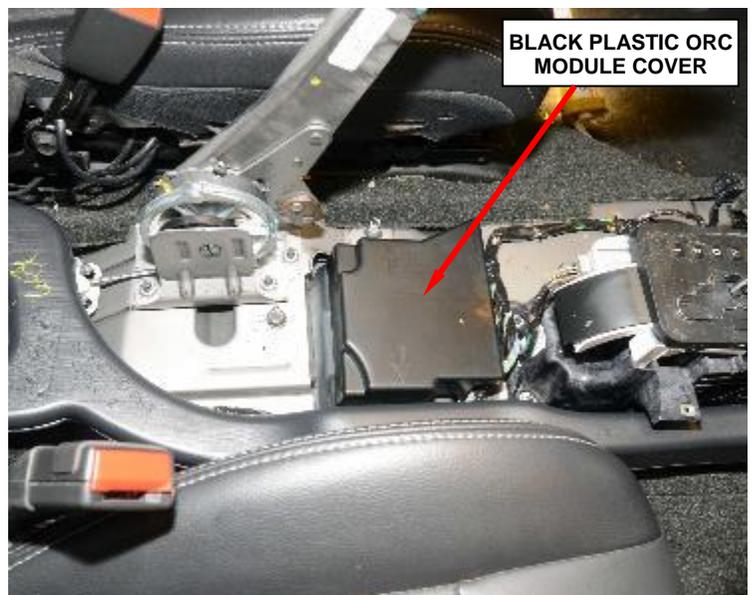
**Service Procedure (Continued)**



**Figure 14 – Center Console Assembly**

7. Remove and save the center console assembly from the vehicle (Figure 14).

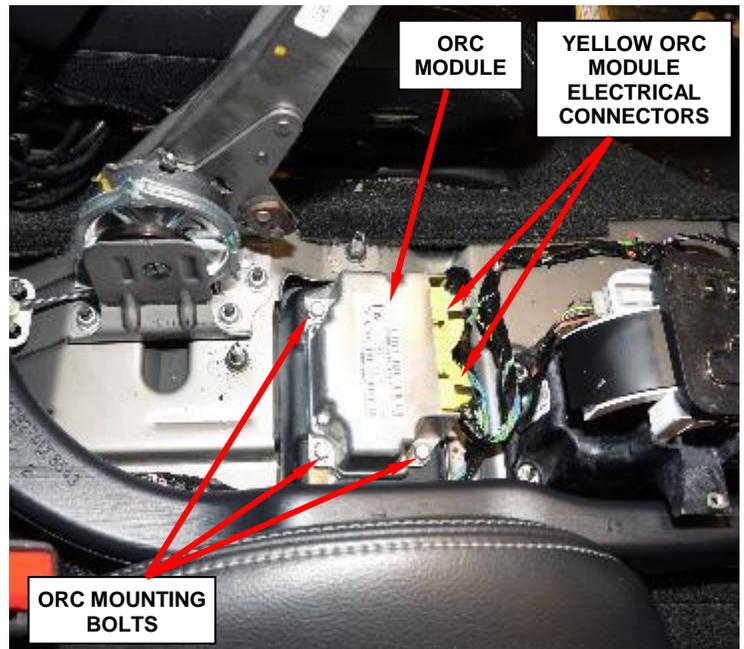
8. Remove and save the black plastic ORC module cover (Figure 15).



**Figure 15 – Black Plastic ORC Module Cover**

**Service Procedure (Continued)**

9. Disconnect the two yellow ORC electrical connectors from the ORC module (Figure 16).
10. Remove and save the three ORC module mounting bolts (Figure 16).
11. Remove and discard the original ORC module.
12. Place the **new** ORC module into position.
13. Install the ORC module mounting bolts. Tighten the bolts to 95 in. lbs. (10.5 N·m).

**Figure 16 – ORC Module**

14. Connect the two yellow electrical connectors to the **new** ORC module.
15. Install the ORC module black plastic cover.
16. Install the center console into position in the vehicle.
17. Install the front and rear console mounting screws.
18. Zip-up the zipper on the park brake handle boot.
19. Install the gear shift bezel.
20. Do not connect the negative cable to the battery at this time. The Supplemental Restraint System (SRS) Verification Test procedure should be performed following service of any SRS component. **Continue with Section D. Supplemental Restraint System (SRS) Verification Test.**

**Service Procedure (Continued)****D. Supplemental Restraint System (SRS) Verification Test**

**NOTE:** During the following test, the negative battery cable remains disconnected and isolated during steps 1 and 2 of the Supplemental Restraint System (SRS) Verification Test.

**NOTE:** The wiTECH scan tool must be used to perform this recall. The wiTECH software is required to be at the latest release level before performing this procedure.

1. Connect the wiTECH micro pod II to the vehicle data link connector located under the steering column.
2. Turn the ignition switch to the “ON” position and exit the vehicle and close the doors.
3. Check to be certain that nobody is in the vehicle then connect the battery negative cable(s).
4. Open the wiTECH 2 website.
5. Enter your “**User id**”, “**Password**” and “**Dealer Code**” then select “**Sign in**”.
6. Starting at the “**Vehicle Selection**” screen, select the appropriate vehicle and Device Name.
7. From the “**Action Items**” screen select the “**All DTCs**” tab.
8. Clear all DTC’s in all modules.

**NOTE:** Any active Diagnostic Trouble Codes (DTC’s) may require an additional key cycle from “ON” to “OFF” to change DTC status from “active” to “stored”.

**Service Procedure (Continued)**

9. Turn the ignition switch to the “**OFF**” position for about 15 seconds, and then back to the “**ON**” position. Observe the airbag indicator in the instrument cluster.
  - The airbag indicator in the instrument cluster should illuminate for six to eight seconds, and then go out. This indicates that the SRS is functioning normally and that the repairs are complete. Turn the ignition to the “**OFF**” position.
  - If the airbag indicator fails to light or the light and stays ON, there is still an active SRS fault or malfunction. Refer to the appropriate diagnostic information to diagnose the problem.
10. Close the hood, remove the wiTECH micro pod II.
11. 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 paid will be used by FCA to record recall service completions and provide dealer payments.

Use one of the following labor operation numbers and time allowances:

	<b>Labor Operation Number</b>	<b>Time Allowance</b>
Inspect ORC Module	08-T5-61-81	0.2 hours
Replace ORC Module (KK)	08-T5-61-82	0.5 hours
Replace ORC Module (JS)	08-T5-61-83	0.7 hours

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

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXXXX

T56/NHTSA 17V-640

LOGO

VEHICLE PICTURE

#### YOUR SCHEDULING OPTIONS

**1. RECOMMENDED OPTION**

Call your authorized Chrysler / Dodge / Jeep® / RAM Dealership

**2. Call the FCA Recall Assistance Center at 1-800-853-1403. An agent can confirm part availability and help schedule an appointment**

**3. Visit recalls.mopar.com, scan the QR code below, or download the Mopar Owner's Companion App.**

QR Code

Get access to recall notifications, locate your nearest dealer, and more through this website or Mopar Owner's Companion App. You will be asked to provide your Vehicle Identification Number (VIN) to protect and verify your identity. The last eight characters of your VIN are provided above.

#### DEALERSHIP INSTRUCTIONS

Please reference Safety Recall T56.

# IMPORTANT SAFETY RECALL

## Occupant Restraint Controller

Dear [Name],

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

FCA has decided that a defect, which relates to motor vehicle safety, exists in certain [2012-2013 (JS) Chrysler 200, 2012-2013 (JS) Dodge Avenger and 2012 (KK) Jeep® Liberty] vehicles.

It is extremely important to take steps now to repair your vehicle to ensure the safety of you and your passengers.

#### WHY DOES MY VEHICLE NEED REPAIRS?

The Occupant Restraint Controller (ORC) on your vehicle <sup>[1]</sup> may cause an illuminated airbag warning lamp due to an internal failure in the ORC which may result in the inability to deploy Active Headrests (AHR) during certain rear-end crashes. **The inability to deploy AHR during certain rear-end crashes may increase the risk of injury to front seat occupants during such rear-end crashes.**

**SPECIAL NOTE: 2012-2013 Chrysler 200 and Dodge Avenger vehicles are involved in both Safety Recalls S61 (NHTSA 16V - 668) and T56 (NHTSA 17V - 640). Both Safety Recalls use the same remedy ORC part; the ORC on your vehicle only requires replacement once.**

#### HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA will repair your vehicle <sup>[2]</sup> free of charge (parts and labor). To do this, your dealer will inspect the ORC part number and replace the ORC if necessary. In addition, your dealer will require your vehicle for proper check-in, preparation, and check-out during your visit. Your time is important to us; please be aware that these steps may require more time. The estimated repair time is one hour. We recommend that you schedule a service appointment to minimize your inconvenience. Please bring this letter with you to your dealership.

**TO SCHEDULE YOUR FREE REPAIR CALL 1-800-853-1403 OR YOUR CHRYSLER, DODGE, JEEP OR RAM DEALER TODAY**

#### WHAT IF I ALREADY PAID TO HAVE THIS REPAIR COMPLETED?

If you have already experienced this specific condition and have paid to have it repaired, you may visit [www.fcarecallreimbursement.com](http://www.fcarecallreimbursement.com) to submit your reimbursement request online. <sup>[3]</sup> Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you have had previous repairs performed and/or already received reimbursement, you may still need to have the recall repair performed.

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

Customer Assistance/Field Operations  
Fiat Chrysler Automobiles US LLC



**Mr. Mrs. Customer**  
**1234 Main Street**  
**Hometown, MI 48371**

[1] If you no longer own this vehicle, please help us update our records. Call the FCA Recall Assistance Center at 1-800-853-1403 to update your information.

[2] 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 you can call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [safercar.gov](http://safercar.gov).

[3] You can also mail in your original receipts and proof of payment to the following address for reimbursement consideration: FCA Customer Assistance, P.O. Box 21-8004, Auburn Hills, MI 48321-8007, Attention: Recall Reimbursement.

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