



Revision 1 November 2021

Dealer Service Instructions for:

Safety Recall Y79 / NHTSA 21V-873

Occupant Restraint Controller

NOTE: Added an additional step in the service procedure below (Step 2).

Remedy Available

2021 (WL) Jeep® Grand Cherokee
2022 (WS) Wagoneer/Grand Wagoneer

NOTE: Some vehicles above may have been identified as not involved in this recall and therefore have been excluded from this recall.

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 Controller (ORC) on about 102,837 of the above vehicles may have the incorrect software version. If specific ORC internal faults are active, then a diagnostic trouble code (DTC) will not be set and the airbag warning indicator may not illuminate. The internal faults will disable deployment of both the driver and passenger airbag squib (related to airbag venting post deployment) and knee airbags. Reduced occupant protection in the event of a crash may result in an increased risk of injury to motor vehicle occupants.

Service Procedure

Reprogramming the ORC Module Procedure

NOTE: The wiTECH scan tool must be used to perform this recall. This procedure must be performed with the latest software release level. If the reprogramming flash for the ORC is aborted or interrupted, repeat the procedure. The ORC must be at the latest calibration level after completing this recall.

1. Open the hood. Install a battery charger and verify that the charging rate provides 13.2 to 13.5 volts. Do not allow the charger to time out during the flash process. Set the battery charger timer (if so equipped) to continuous charge.

NOTE: Use an accurate stand-alone voltmeter. The battery charger volt meter may not be sufficiently accurate. Voltages outside of the specified range will cause an unsuccessful flash. If voltage reading is too high, apply an electrical load by activating the park or headlamps and/or HVAC blower motor to lower the voltage.

2. Turn the ignition to the “ON” position.

NOTE: The ignition **MUST** be in the “ON” position before connecting the MDP.

3. Connect the wiTECH Mopar Diagnostic Pod (MDP) to the vehicle data link connector.
4. Place the ignition in the “RUN” position.
5. Open the wiTECH 2.0 website.
6. Enter your “User id” and “Password”, and then select “Finish” at the bottom of the screen.
7. From the “Vehicle Selection” screen, select the vehicle to be updated.
8. From the “Action Items” screen, select the “Topology” tab.
9. From the “Topology” screen, click on the “ORC” icon.

Service Procedure [Continued]

10. From the “**ORC**” screen, select the “**DTC’s**” tab, if any DTC’s are present compare the DTC’s to the DTC’s highlighted below and ensure there are not active or stored codes (**B0099-96, C10CC-49, B2207-00, B2208-00, B220B-00**).
11. If the above DTC’s are present, reference the service manual for further information on diagnosing the specific DTC’s. **DO NOT proceed with reprogramming the ORC module.**
12. From the “**ORC**” screen, select the “**Flash**” tab, then compare the “**Current Electronic Control Unit (ECU) Part Number**” with the “**New ECU Part Number**” listed.
 - If the “**Current ECU part Number**” is the same as the “**New Part Number**”, proceed to **Step 19**.
 - If the “**Current ECU part Number**” is NOT the same as the “**New Part Number**”, continue with **Step 13**.
13. From the flash ECU agreement page, agree to terms by checking the box.
14. Select “**Flash ECU**” then follow the wiTECH screen instructions to complete the flash.
15. Once the flash is complete, cycle the ignition.
16. Select the “**View DTCs**” tab.
17. Select “**Clear All DTCs**” and then select “**Close**”.
18. Perform a EPS reset procedure below:

Service Procedure [Continued]

NOTE: If the EPS module is not reset, this may cause the EVIC to display a service the ALM (Active Lane Management) message.

- a) Go to perform an EPS reset with wiTECH Go to the “**Guided Diagnostics**” menu
 - b) Select “**Reset ECU**”.
 - c) Select “**EPS**” from the list of modules.
 - d) Click “**Continue**” at the bottom of the page then follow the wiTECH prompts.
 - e) Clear all DTC’s that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTC’s after the flash and allow them to be cleared.
19. Remove the battery charger from the vehicle and then close the hood.
20. Turn off the vehicle, unplug the wiTECH Mopar Diagnostic Pod (MDP) and open and close the driver’s door. Let all modules go to sleep (This should take approximately one minute).
21. 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:

	Labor Operation Number	Time Allowance
Inspect ORC module software level	18-Y7-91-81	0.2 hours
Inspect and reprogram ORC module	18-Y7-91-82	0.2 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.

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

Y79/NHTSA 21V-873

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 Y79.

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 US has decided that a defect, which relates to motor vehicle safety, exists in certain [2021 Model Year (WL) Jeep Grand Cherokee and 2022 (WS) Wagoneer/Grand Wagoneer] 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 Control (ORC) module on your vehicle ^[1] may have the incorrect software. The airbag warning indicator may not illuminate to notify the operator of possible compromised airbag system functionality. If specific ORC internal faults are active, then a diagnostic trouble code (DTC) will not be set and the airbag warning indicator may not illuminate. The internal faults will disable deployment of both the driver and passenger airbag squib (related to airbag venting post deployment) and knee airbags. **Reduced occupant protection in the event of a crash may result in an increased risk of injury to motor vehicle occupants.**

HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA US will repair your vehicle ^[2] free of charge (parts and labor). To do this, your dealer will reprogram the ORC module with correct software. The estimated repair time is about a half hour. In addition, your dealer will require your vehicle for proper check-in, preparation, and check-out during your visit, which may require more time. Your time is important to us, so 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 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 to submit your reimbursement request online. ^[3] 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
FCA 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.

[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.