



February 2021

Dealer Service Instructions for:

Safety Recall Y01 / NHTSA 21V-028

Software Update

Remedy Available

2021 (JL) Jeep® Wrangler

2021 (JT) Jeep® Gladiator

NOTE: This recall applies only to the above vehicles equipped with a 6-speed manual transmission (sales code DEM).

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 clutch pressure plate on about 7,662 of the above vehicles in some circumstances, may become overheated through friction, which may lead the pressure plate to rapidly fracture. When a pressure plate fractures, it may result in cracks or holes in the transmission case, allowing heated debris to be expelled from the transmission case. Heated debris expelled from the transmission case may come in contact with combustible materials in the vehicle, potentially leading to a fire. A fire can result in increased risk of occupant injury and injury to persons outside the vehicle. In Addition, this condition may lead to generation of road debris, which may be a hazard to other drivers.

Repair

Reprogram the Instrument Panel Cluster (IPC) first, then the Powertrain Control Module (PCM) with updated software.

Parts Information

No parts are required to perform this service procedure.

Parts Return

No parts return required for this campaign.

Special Tools

The following special tools are required to perform this repair:

- NPN wiTECH MicroPod II
- NPN Laptop Computer
- NPN wiTECH Software

Service Procedure

A. Reprogram Instrument Panel Cluster (IPC)

NOTE: The wiTECH scan tool must be used to perform this safety recall. If the IPC is aborted or interrupted during reprogramming, it must be restarted. The IPC software must be at the latest software calibration level after completing this safety recall.

1. Open the hood and install a battery charger. Verify that the charging rate provides 13.0 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. Connect the wiTECH micro pod II to the vehicle data link connector.
3. Place the ignition in the “**RUN**” position.
4. Open the wiTECH 2.0 website.
5. Enter your “**User id**” and “**Password**” and your “**Dealer Code**”, then select “**Sign In**” at the bottom of the screen. Click “**Accept**”.
6. From the “**Vehicle Selection**” screen, select the vehicle to be updated.
7. From the “**Action Items**” screen, select the “**Topology**” tab.
8. From the “**Topology**” tab, select the “**IPC**” icon.

Service Procedure [Continued]

9. From the “**Flash**” tab, 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 14**.
 - If the “**Current ECU part Number**” is NOT the same as the “**New Part Number**”, continue with **Step 10**.
10. From the flash ECU agreement page, agree to terms by checking the box.
11. Select “**Flash ECU**” and then follow the wiTECH screen instructions to complete the flash.
12. From the “**Topology**” screen, select the “**All DTCs**” tab to view the DTCs.
13. Select “**Clear All DTCs**” and then select “**Close**”.
14. Proceed to section **B. Reprogram Powertrain Control Module (PCM)**.

Service Procedure [Continued]**B. Reprogram Powertrain Control Module (PCM).**

1. From the “**Vehicle Selection**” screen, select the vehicle to be updated.
2. From the “**Action Items**” screen, select the “**Topology**” tab.
3. From the “**Topology**” tab, select the “**PCM**” module icon.
4. From the “**Flash**” tab, 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 10**.
 - If the “**Current ECU part Number**” is NOT the same as the “**New Part Number**”, continue with **Step 5**.
5. From the PCM tab, select the latest PCM flash part number. Read the flash special instructions page. Select “**OK**” to continue.
6. From the flash ECU agreement page, agree to terms by checking the box.
7. Select “**Flash ECU**” and then follow the wiTECH screen instructions to complete the flash.
8. Confirm the software is at the latest available calibration level.
9. Click “**View DTCs**”, select “**Clear All DTCs**”, click “**Continue**” and then click “**Close**”.
10. Place the ignition in the “**OFF**” position and then remove the wiTECH micro pod II device from the vehicle.
11. Remove the battery charger from the vehicle.
12. Close the vehicle hood and 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 the following labor operation numbers and time allowances:

	Labor Operation Number	Time Allowance
Inspect PCM and IPC software level	18-Y0-11-81	0.2 hours
Inspect and reprogram the IPC and PCM (JAY Sales Code – 3.5” Cluster - JL) (JAE Sales Code – 3.5” Cluster - JT)	18-Y0-11-82	0.4 hours
Inspect and reprogram the IPC and PCM (JAJ Sales Code – 7.0” Cluster - JL) (JAL Sales Code – 7.0” Cluster - JT)	18-Y0-11-83	0.5 hours
Floor Plan Reimbursement	95-95-95-97	Calculate See Below

Floor Plan Reimbursement represents the vehicle’s average daily allowance (see table below) multiplied by the number of days the vehicle was in dealer inventory and not available for sale. This reimbursement is limited to the number of days from the date of the stop sale to the date that the remedy was made available. Note: If the vehicle was received by your dealership (KZX date) AFTER the stop sale date, you will use the KZX date instead of the stop sale date. For this Recall, the stop sale was initiated on **02/04/2021** and the remedy was made available on **02/25/2021**, therefore, the number of days cannot exceed **21** days.

Vehicle	Average Daily Allowance
2021 (JT) Jeep Gladiator	
2021 (JL) Jeep Wrangler	

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.