



Revision 1 July 2021

Dealer Service Instructions for:

Safety Recall Y03 / NHTSA 21V-028

Software Update

NOTE: Added a NEW additional LOP 06-Y0-31-81 in time allowance section. This NEW LOP is to be used ONLY after the Y03 recall has been completed. This LOP will close the open W12 recall.

Remedy Available

2018 – 2020(JL) Jeep® Wrangler

2020 (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

In some circumstances, the clutch pressure plate on about 6,693 of the above vehicles may become overheated through friction, which may lead the pressure plate to fracture. A fractured pressure plate may crack or fracture the transmission case, allowing heated debris to contact ignition sources on the vehicle, potentially leading to a vehicle fire. In some circumstances, the operator may smell a burnt clutch odor, or have excessive or abnormal clutch pedal travel prior to the failure. A vehicle fire can result in occupant injury and injury to persons outside the vehicle, as well as property damage. A fractured pressure plate may also lead to a loss of propulsion, or generation of road debris. Either of these two conditions can cause a vehicle crash without prior warning.

Repair

Remove the hydraulic hose reservoir hose clip and discard, and install a hose sleeve. Reprogram the Instrument Panel Cluster (IPC) **first**, then the Powertrain Control Module (PCM) with updated software on all of the above vehicles.

Parts Information

NOTE: The following PN: CSDLW123AA is to be installed on all involved vehicles.

<u>Part Number</u>	<u>Description</u>
CSDLW123AA	Part Package

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Sleeve, Hose

NOTE: The following PN: CSDLW122AA is to be ordered if any leak/seepage, deformation, or wear is found while performing section A. Clutch Master Cylinder Inspection.

<u>Part Number</u>	<u>Description</u>
CSDLW122AA	Part Package

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Hose, Hydraulic Upper

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. Clutch Master Cylinder Inspection.

1. Locate and cut the clip holding the wire harness to the low pressure reservoir hose and **Discard** the clip (Figure 1).
2. Visually inspect the low pressure reservoir hose for any leaks/seepage (See Sample Pictures Below), if leak or seepage, deformation, or wear is found replace the reservoir hose (Figure 1).

NOTE: Place shop towels to protect paint surface and components from fluid spill, wipe away fluid from components and surface immediately.

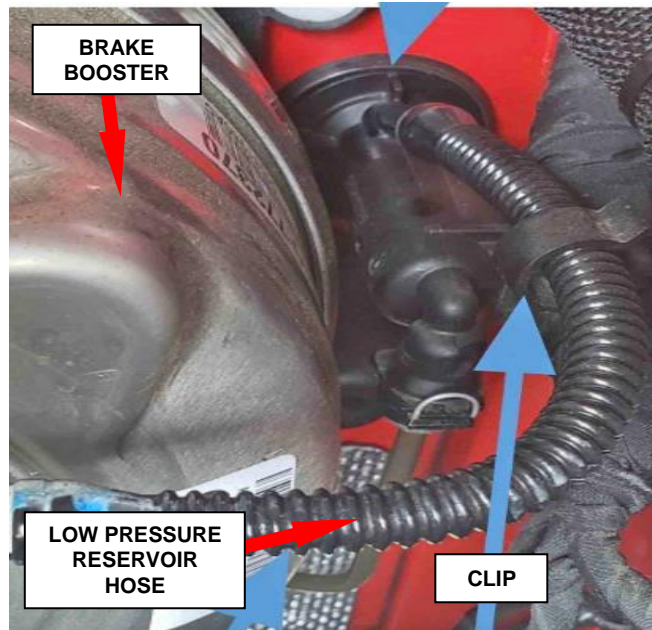


Figure 1 – Low Pressure Reservoir Hose



SAMPLE of Leak/Seepage



SAMPLE of Leak/Seepage

Service Procedure [Continued]

3. Install the protective sleeve on the low pressure reservoir hose, **making sure it is installed close to the clutch master cylinder inlet tube** (Figure 2).

NOTE: If the reservoir hose is replaced, actuate the clutch pedal 50 times, making sure the pedal is getting to the top of its return stroke each time (this may require that you lift the pedal to the top of the stroke).

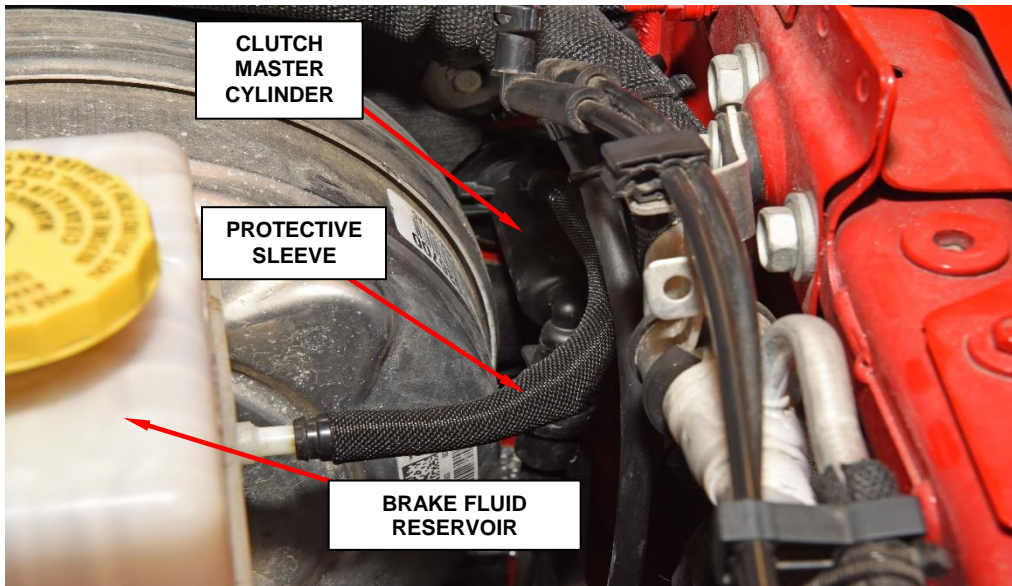


Figure 2 – Hose Sleeve Installed

Service Procedure [Continued]

B. 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 **C. Reprogram Powertrain Control Module (PCM)**.

Service Procedure [Continued]

C. 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:

	<u>Labor Operation Number</u>	<u>Time Allowance</u>
<u>All Models</u>		
**USE This LOP in addition to the LOP's below ONLY after recall Y03 is completed		
Remove tie strap, install hose sleeve, inspect reservoir hose for leak	06-Y0-31-81	0.0 hours
Remove tie strap, install hose sleeve, inspect reservoir hose for leak	06-Y0-31-82	0.2 hours
Remove tie strap, install hose sleeve, inspect and replace reservoir hose, push clutch pedal 50 times	06-Y0-31-83	0.3 hours
<u>Related:</u>		
**USE This related LOP after recall Y03 is completed to close W12 recall		
Inspect IPC and PCM software level	** 95063050	██████
Inspect IPC and PCM software level	06-Y0-31-51	0.2 hours
Inspect and reprogram IPC and PCM software (JAY Sales Code – 3.5” Cluster – JL - Only) (JAE Sales Code – 3.5” Cluster – JT - Only)	06- Y0-31-52	0.4 hours
Inspect and reprogram IPC and PCM software (JAJ Sales Code – 7.0” Cluster - JL - Only) (JAL Sales Code – 7.0” Cluster - JT - Only)	06-Y0-31-53	0.5 hours
<u>2018 JL Models Only</u>		
Inspect and reprogram IPC and PCM software (JAJ Sales Code – 7.0” Cluster – JL Only)	06-Y0-31-54	1.3 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

Y03/NHTSA 21V-028

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 Y03.

IMPORTANT SAFETY RECALL

Software Update

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 **2018 -2020 Model Year (JL) Jeep Wrangler and 2020 (JT) Jeep Gladiator** 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?

In some circumstances, the clutch pressure plate on your vehicle ^[1] 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.**

IMPORTANT: This clutch defect may look similar to a previous clutch defect you were contacted about. This recall supersedes the previous W12 recall (NHTSA ID 20V-124). Your vehicle will need to have this safety recall completed as soon as possible.

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 install a protective hose sleeve, reroute a wire harness, reprogram the powertrain control module and the instrument cluster panel. The estimated repair time is two hours. 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.