



Remedy available for
 2022-2023 (JL) Jeep Wrangler
 2022-2023 (JT) Jeep Gladiator

Template Version 1.0

Revision	Edition	Detail
0	November 2023	Initial Version.

SYMPTOM DESCRIPTION

The manual transmission on about 6,298 of the above vehicles may have been built with an improperly manufactured Gear Position Sensor / All Gear Sensor (AGS) which may cause the reverse lights and back-up camera to be disabled. Vehicles with a suspect gear position sensor / AGS may not display the rearview image or activate the backup lamps during a backing event. The vehicle operator will notice that the rearview image is not displayed if attempting to reference the image while backing. If this warning is not heeded, backing without verifying it is safe to do so could lead to an increased risk of injury to people outside the vehicle. Failure to illuminate the backup lamps may not adequately illuminate the roadway behind the vehicle or indicate to other drivers or pedestrians the intention to backup, which can cause a crash without prior warning.

The condition described above does not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 571.111 S6.2.6 requires that "The rear visibility system default to the rearview image being visible and meet the requirements of FMVSS No. 571.111 S6.2.1 (field of view) and S6.2.2 (image size) at the beginning of each backing event, regardless of any modifications to the field of view that the driver had previously selected...". FMVSS No. 571.108 requires that backup lamps "Must be activated when the ignition switch is energized and reverse gear is engaged."

SCOPE

This recall applies only to the above vehicles equipped with a manual transmission.

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.

REPAIR TO BE PERFORMED

Replace the gear position sensor.

ALTERNATE TRANSPORTATION

Dealers should attempt to minimize customer inconvenience by placing the owner in a loaner vehicle if vehicle must be held overnight

COMPLETION REPORTING / 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 Description	Number	Hrs
Replace Gear Position Sensor	21-92-A1-82	0.5

SAFETY RECALL
 NORTH AMERICA
Gear Position Sensor



Reference: 92A / NHTSA 23V-641

FCA US LLC

Labor Description	Number	Allowance
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 09/26/2023 and the remedy was made available on 11/09/2023, therefore, the number of days cannot exceed 44 days.

Vehicle	Average Daily Allowance
2018-2023 (JL) Jeep Wrangler	██████
2020-2023 (JT) Jeep Gladiator	██████

Add the cost of the gear position sensor plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

PARTS INFORMATION

Part No.	Qty.	Part Name
CSAP92A1AA	1	Gear Position Sensor Kit
Kit Includes	1	Gear Position Sensor
	2	Screws - Sensor

PARTS RETURN

No parts return required for this campaign.

Render the suspect gear position sensor unusable and discard.

SPECIAL TOOLS

Number	Description
NPN	wiTECH MicroPod II / MDP
NPN	Laptop Computer
NPN	wiTECH Software
NPN	Small torque wrench capable of 3 N·m (24 In. Lbs.)

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 / 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.

SERVICE PROCEDURE

A. Replace The Gear Position Sensor

1. Ensure the ignition switch is in the OFF position.
2. Raise and support the vehicle.
3. Clean the area surrounding the gear position sensor removing any dirt or debris.
4. Disconnect the gear position sensor wire harness connector (Figure 1).
5. Remove and **DISCARD** the two bolts securing the gear position sensor to the transmission then remove the gear position sensor from the transmission (Figure 1).
6. Render the suspect gear position sensor unusable and **DISCARD**.

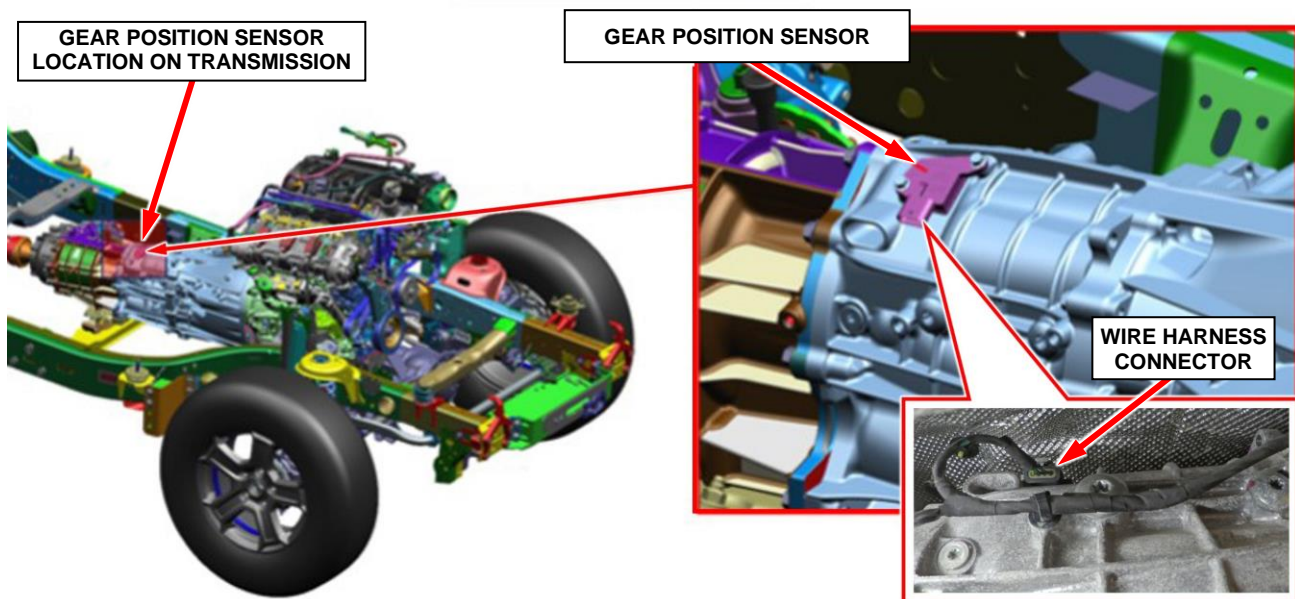


Figure 1 – Gear Position Sensor

7. Position the **NEW** gear position sensor to the transmission, then install the gear position sensor using **NEW** bolts and tighten to 3 N·m (24 In. Lbs.) (Figure 1).

CAUTION: Do not overtighten the gear position sensor bolts.

8. Connect the gear position sensor wire harness connector (Figure 1).
9. Lower the vehicle.
10. Using wiTECH, perform the Learn Gear Shift Sensor Routine steps in Section B of this service procedure.

B. Learn Gear Shift Sensor Routine

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. If the reprogramming flash for the IPC or PCM is aborted or interrupted, repeat the procedure. The IPC and PCM software must be at the latest software calibration level after completing this 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 wiTECH operation. 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 appropriate vehicle.

NOTE: Technician must be seated in the vehicle driver seat in order to run the following routine.

7. From the **"PCM"** menu select **"Misc Functions"**, then select the **"Learn Gear Shift Sensor"** routine, then follow the screen prompts.
8. Once the routine had completed, select the **"Clear All DTCs"** tab, then click **"Clear All DTCs"** and then select **"Close"**. It may be necessary to cycle the ignition OFF to RUN to clear the codes.
9. Place the ignition in the **"OFF"** position and then remove the wiTECH micro pod II device from the vehicle.
10. Remove the battery charger from the vehicle.
11. Verify Reverse lamp operation.
12. Returning the vehicle to the customer or inventory.

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXXXX

92A/NHTSA 23V-641

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 92A.

IMPORTANT SAFETY RECALL

Gear Position Sensor

Dear [Name],

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

FCA US LLC has decided that certain [2022 and 2023 model year (JL) Jeep® Wrangler and 2022-2023 model year (JT) Jeep® Gladiator] vehicles equipped with a manual transmission, fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) No. 111 - Rear visibility and 108 - Lamps, reflective devices, and associated equipment.

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 manual transmission on your vehicle ^[1] may have been built with an improperly manufactured Gear Position Sensor / All Gear Sensor (AGS) which may cause the reverse lights and back-up camera to be disabled. Vehicles with a suspect gear position sensor / AGS may not display the rearview image or activate the backup lamps during a backing event. The vehicle operator will notice that the rearview image is not displayed if attempting to reference the image while backing. **If this warning is not heeded, backing without verifying it is safe to do so could lead to an increased risk of injury to people outside the vehicle. Failure to illuminate the backup lamps may not adequately illuminate the roadway behind the vehicle or indicate to other drivers or pedestrians the intention to backup, which can cause a crash without prior warning.**

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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 replace the Gear Position Sensor / AGS. The estimated repair time is 45 minutes. 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.