



April 2022

Dealer Service Instructions for:

Safety Recall Z35 / NHTSA 22V-249

Turn Signal Flash Rate

Remedy Available

2022 (WL) Jeep® Grand Cherokee and Grand Cherokee L

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 turn signal flash rate on about 70 of the above vehicles may be incorrect. A turn signal that flashes at the same rate designed to indicate a failed turn signal would not provide the driver notification of a failed turn signal lamp. This could cause a crash without prior warning.

The condition described above does not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 108 S9.3.6 which requires that "Failure of one or more turn signal lamps [...] must be indicated by the turn signal pilot indicator by [...] a significant change in the flashing rate".

Repair

Use wiTech to reconfigure the Body Control Module (BCM).

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 MDP (Mopar Diagnostic Pod)
- NPN Laptop Computer
- NPN wiTECH Software

Service Procedure

A. Reconfigure the BCM

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. Open the hood. Install a battery charger and 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. 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. Place the ignition in the “**RUN**” position.
3. Connect the wiTECH MDP to the vehicle data link connector.
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, from the left column, select “**Guided Diagnostics**”.
8. Select “**Restore Vehicle Configuration**” and follow on-screen prompts.

NOTE: If the “Restore Vehicle Configuration” option is not available, the vehicle is up to date. Claim the “Restore Vehicle Configuration” LOP to close the recall.

Service Procedure (Continued)

Note: Ensure the following parameters change throughout the routine (Figure 1).

- **Front Turn Signal ON Time 1/Front Turn Signal OFF Time 1: Value = 660ms**
- **Rear Turn Signal ON Time 1/Rear Turn Signal OFF Time 1: Value = 660ms**
- **Front Turn Signal ON Time 2/Front Turn Signal OFF Time 2: Value = 400ms**
- **Rear Turn Signal ON Time 2/Rear Turn Signal OFF Time 2: Value = 400ms**

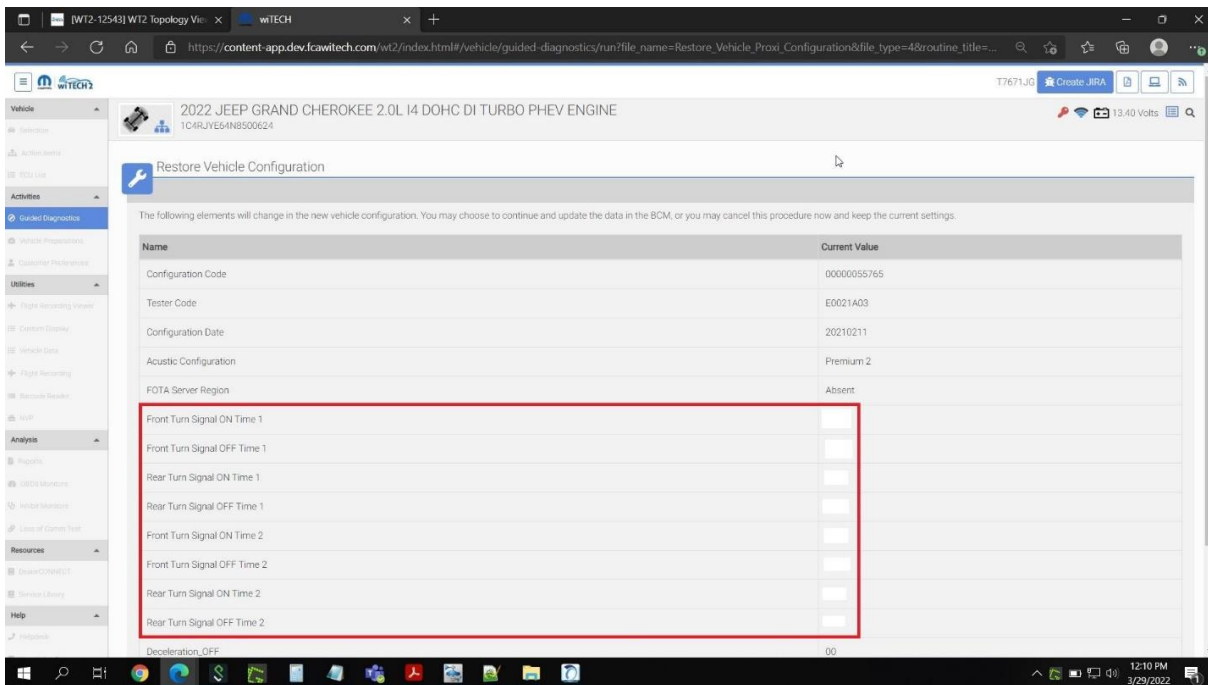


Figure 1 – Turn Signal Flash Rate

9. After configuration is updated, confirm the flash rate of all 4 lamps (front headlamps and rear tail lamps) are the same.

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 number and time allowance:

	<u>Labor Operation Number</u>	<u>Time Allowance</u>
Inspect and Perform Restore Vehicle Configuration Routine.	18-Z3-51-82	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