

TECHNICAL SERVICE BULLETIN
Gear Shift Module (GSM) Concerns

26-2294
08 July 2025

This bulletin supersedes 26-2066. Reason for update: remove "2024 only" from the Issue statement to include 2021-2025 vehicles that may exhibit a clicking sound coming from the gear shift lever.

Model:	
Ford	Built on or before 8-Sep-2025
2021-2025 F-150	

Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above equipped with a console shift GSM may exhibit at least one of the following conditions:

- Clicking sound coming from the gear shift lever after it is placed and kept in reverse, neutral or drive position.
- Gear shift lever stuck in park
- Gear shift lever will not shift into park
- Gear shift lever will not shift out of gear
- Gear shift lever will not stow/unstow
- Gear shift lever will move past the park position
- Loose gear shift lever arm at pivot
- Illuminated powertrain malfunction (wrench) indicator with active DTCs P0829-77, P0829-00, P0829-07 and/or P0829-9A stored in the GSM

This may be due to the GSM.

NOTE: If the gear shift lever will not shift into park, the transmission will automatically engage into park when the return to park function is triggered.

Action: For vehicles that meet the criteria in the Issue and Model statements above, follow the Service Procedure to replace the GSM.

Parts

Service Part Number	Claim Quantity	Description
7210	1	Gear Shift Module - Refer To The Parts Catalog For The VIN Specific Application

Claim Quantity refers to the total number of individual pieces required to repair the vehicle. This may differ from the number of service part number packages due to the unit of issue (UOI).

As Needed indicates the part is necessary but amount of the part may vary and/or is not a whole number. Parts can be billed out as non-whole numbers, including less than 1.

Only if Necessary indicates the part is not mandatory. Refer to the Service Procedure to determine the inspection/inclusion criteria.

Warranty Status: Warranty coverage limits and policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

Labor Times	
Description	Operation No. Time
2021-2025 F-150 Console Shift With 10 Or 12 Inch Center Display Screen: Monitor PID And Verify Shifter Build Date (FAIL) Replace The GSM	262294A 0.9 Hrs
2021-2025 F-150 Console Shift With 10 Or 12 Inch Center Display Screen: Monitor PID And Verify Shifter Build Date (PASS)	262294B 0.3 Hrs
2022-2025 F-150 Console Shift With 15.5 Inch Center Display Screen: Monitor PID And Verify Shifter Build Date (FAIL) Replace The GSM	262294C 1.1 Hrs
2022-2025 F-150 Console Shift With 15.5 Inch Center Display Screen: Monitor PID And Verify Shifter Build Date (PASS)	262294D 0.3 Hrs
2021-2025 F-150: Extra Time To Release GSM Lever From Being Stuck In Stow Position (Can Be Claimed With Operation A Or C)	262294E 0.1 Hrs

Repair/Claim Coding

Causal Part:	7210
Condition Code:	42

Service Procedure

- With the system in Ready to Drive mode/engine running, apply and release the brake pedal while observing BRK_PDL_SW2 PID in the BCM. Does the BRK_PDL_SW2 PID change status when the brake pedal is pressed and released?
 - Yes - proceed to Step 2.
 - No - diagnose the brake pedal switch output and repair outside of this article. Refer to [W3SM](#), Section 307-05.
- Is the vehicle built on or before 08-Sep-2025?
 - Yes - proceed to Step 3.
 - No - this article does not apply. Refer to [W3SM](#), Section 307-05.
- Remove the left console trim to inspect the GSM build date. Refer to [W3SM](#), Section 501-12. (Figure 1)

Figure 1



- Verify the build date by using printed Julian date on the GSM. Refer to Table 1 and related bullet points.

Table 1 Example Serial Number							
122408500020039							
1	2	24	085	000	20	03	39
Line	Shift	Calendar Year	Julian Date	Filer	Hour	Minute	Second

- Calendar Year "24"= 2024
- Julian Date "85"= 85th day of the calendar year 2024
- Use the Julian Date to determine the Build date of the GSM. 85th day of the calendar year 2024 is 25-Mar-2024. This example GSM was built on 25-Mar-2024.

- Is the GSM built on or before 28-Aug-2025?

- Yes - proceed to Step 6.
- No - this article does not apply. Refer to [W3SM](#), Section 307-05 for normal diagnostics.

- Replace the GSM. Refer to [W3SM](#), Section 307-05, which includes performing the PM procedure to install the latest strategy files and carry out the TRON Module Authentication Procedure for 2024-2025 vehicles using the [FDPS](#).

NOTE: This article does not remove any EVS. Prior approval or Warranty and Policy requirements for component replacement.

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