



TECHNICAL SERVICE BULLETIN

Gear Shift Module (GSM) Concerns

25-2579
26 November
2025

This bulletin supersedes 25-2324. Reason for update: update the Service Procedure

Model:

Ford 2021-2025 F-150	Built on or before 08-Sep-2025 Console shift
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Markets: North American markets only

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

- Clicking sound coming from shifter after it is placed and kept in reverse, neutral or drive position (2024 only)
- Shifter will not shift out of park/into park
- Shifter will not shift out of gear
- Shifter will not stow/unstow
- Shifter will move past the park position
- Loose shifter lever arm at pivot
- Illuminated powertrain malfunction (wrench) indicator with active DTCs P0929:77, P0929:00, P0929:07 and/or P0929:9A stored in the GSM

This may be due to the GSM.

NOTE: If the gear shifter lever will not shift into park, the transmission will automatically shift 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	Package Order Quantity	Number in Package	Description
7210	1	1	1	Gear Shift Module - Refer To The Parts Catalog For The VIN Specific Application

Service part numbers and "number in package" quantity may change after publication, thus also affecting the "package order quantity". Refer to the parts catalog for the latest information.

Claim Quantity refers to the total number of individual pieces required to repair the vehicle.

Package Order Quantity refers to the amount of the service part number package(s) required to repair the vehicle.

Number In Package refers to the number of individual pieces included in a service part number package.

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	252579A	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)	252579B	0.3 Hrs.
2022-2025 F-150 F-150 Lightning Console Shift With 15.5 Inch Center Display Screen: Monitor PID And Verify Shifter Build Date (FAIL) Replace The GSM	252579C	1.1 Hrs.
2022-2025 F-150 F-150 Lightning Console Shift With 15.5 Inch Center Display Screen: Monitor PID And Verify Shifter Build Date (PASS)	252579D	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)	252579E	0.1 Hrs.

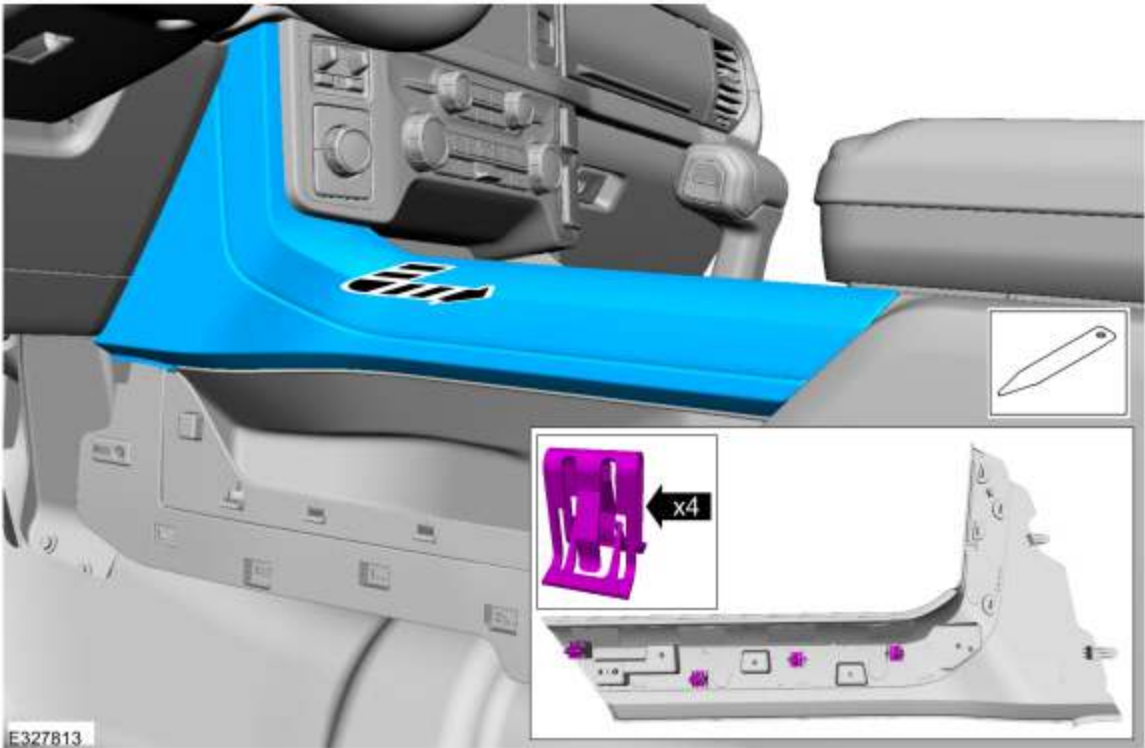
Repair/Claim Coding

Causal Part:	7210
Condition Code:	42

Service Procedure

- 1. 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?
 - (1). Yes - proceed to Step 2.
 - (2). No - diagnose the brake pedal switch output and repair outside of this article. Refer to WSM, Section 307-05.
- 2. Is the vehicle built on or before 08-Sep-2025?
 - (1). Yes - proceed to Step 3.
 - (2). No - This article does not apply. Refer to WSM, Section 307-05.
- 3. Remove the left console trim to inspect the GSM build date. Refer to WSM, Section 501-12. (Figure 1)

Figure 1



- 4. Verify the GSM build date/Julian Date. Refer to Table 1.

Table 1

Example Serial Number

1224085000200339							
1	2	24	085	000	20	03	39
Line	Shift	Calendar Year	Julian Date	Filler	Hour	Minute	Second

- Calendar Year = 2024.
- Julian Date = 85th day of 2024.
- Build date of GSM = 25-Mar-2024.

5. Is the shifter built on or before 28-Aug-2025?

- (1). Yes - proceed to Step 6.
- (2). No - this article does not apply. Refer to WSM, Section 307-05 for normal diagnostics.

6. Replace the GSM. Refer to WSM, Section 307-05. WSM, Section 307-05 includes performing the PMI procedure to install the latest strategy files and carry out the TRON Module Authentication Procedure for 2024-2025 vehicles using the FDRS.

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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.