

TECHNICAL SERVICE BULLETIN
Vibration/Shudder During Light Throttle Tip In At Highway Speeds (8,9,10 Gear) With No DTCs Present

This bulletin supersedes 25-2383. Reason for update: to add 2023-2026 F-150 2.7L vehicles

Model:	
Ford 2021-2022 F-150	Engine: 3.5L EcoBoost Engine: 3.5L PowerBoost Built on or before 12-May-2022
2021-2026 F-150	Engine: 2.7L EcoBoost Built on or before 10-Jun-2026

Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement may exhibit a vibration/shudder felt during light throttle tip in at highway speeds (8,9,10 gear) with no DTC present. This may be due to various software parameters in the PCM.

Action: For vehicles that meet all of the criteria in the Model and Issue statements above, follow the Service Procedure to reprogram the PCM.

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
2021-2022 F-150 3.5L EcoBoost, 2021-2026 2.7L EcoBoost: Reprogram The PCM Following The Service Procedure	262304A	0.3 Hrs.
2021-2022 F-150 3.5L PowerBoost: Reprogram The PCM And Any Other Modules Required By The Software Update And Service Procedure	AP262304B	Actual Time Up To 0.5 Hrs.

Repair/Claim Coding

Causal Part:	RECAL
Condition Code	04

Service Procedure

NOTE: Some vibration felt during acceleration or throttle tip-in is characteristic to the vehicle. If a 0.5 order engine vibration is detected at/or below 0.02g when measured at the driver seat track, this is considered a normal characteristic of the vehicle and no repairs should be performed.

1. Is the vehicle equipped with a 3.5L PowerBoost engine?

(1). Yes - proceed to Step 2.

(2). No - download and run the "PCM - Powertrain Control Module (PCM) Software Update" application using the latest software level of the FDRS scan tool. Repair is complete.

NOTE: Advise the customer this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

2. Download and run the "PCM - Powertrain Control Module (PCM) Software Update" application using the latest software level of the FDRS scan tool. Follow all on screen instructions carefully to complete all coordinated module software updates including:

- **PCM**
- **ABS** module
- **ESC**

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