



TECHNICAL SERVICE BULLETIN

10R80 MHT - Harsh 1-3 Upshift And/Or Harsh Electric To Gas Transition - Built On Or Before 23-Apr-2021

21-2407
17 November 2021

Model:

Ford 2021 F-150	Transmission/Transaxle: (10R80 MHT)
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Issue: Some 2021 F-150 vehicles equipped with a 10R80 MHT transmission and built on or before 23-Apr-2021 may exhibit a harsh 1-3 upshift and/or a harsh electric to gas engine drive transition. This may be due to the software in the powertrain control module (PCM). To correct the condition, follow the Service Procedure to reprogram the PCM.

Action: Follow the Service Procedure to correct the condition on vehicles that meet all of the following criteria:

- 2021 F-150
- Built on or before 23-Apr-2021
- 10R80 MHT transmission
- Harsh 1-3 upshift and/or a harsh electric to gas transition condition

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2021 F-150 10R80 MHT Transmission: Retrieve DTCs, Reprogram The PCM And Any Additional Modules Required By The Software Update (Do Not Use With Any Other Labor Operations)	212407A	0.3 Hrs.

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure

1. Using the latest version of the Ford Diagnosis and Repair System (FDRS), reprogram the PCM to the latest software.

NOTE: Advise the customer that 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.

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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.

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