



## TECHNICAL SERVICE BULLETIN

### 5.0L - Engine Rattle Noise On Deceleration And/Or Acceleration

**18-2354**

27 November  
2018

#### Model:

Ford  
2018 F-150

**Issue:** Some 2018 F-150 vehicles equipped with a 5.0L engine may exhibit an engine rattle noise during a deceleration tip-out throttle maneuver from 1500 RPM to 800 RPM and/or during an acceleration tip-in throttle maneuver around 2000 RPM.

**Action:** Follow the Service Procedure steps to correct the condition.

**Warranty Status:** Eligible Under Provisions Of New Vehicle Limited Warranty Coverage Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

#### Labor Times

Description	Operation No.	Time
2018 F-150 5.0L: Reprogram The PCM Includes Time To Road Test To Verify Concern (Do Not Use With Any Other Labor Operations)	182354A	0.6 Hrs.

#### Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

### Service Procedure

1. Does vehicle exhibit an engine rattle noise during a deceleration tip-out throttle maneuver from 1500 RPM to 800 RPM and/or during an acceleration tip-in throttle maneuver at approximately 2000 RPM?

(1). Yes - proceed to Step 2.

(2). No - this article does not apply. Refer to the Powertrain Controls/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.

2. Reprogram the powertrain control module (PCM) using the latest software version of the appropriate Ford diagnostic scan tool.

(1). 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 RE-LEARNING PROCESS. THIS RE-LEARNING 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. 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.