TECHNICAL SERVICE BULLETIN
5.0L - Engine Rattle Noise On Deceleration And/Or Acceleration

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**

<table>
<thead>
<tr>
<th>Description</th>
<th>Operation No.</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 F-150 5.0L: Reprogram The PCM Includes Time To Road Test To Verify Concern (Do Not Use With Any Other Labor Operations)</td>
<td>182354A</td>
<td>0.6 Hrs.</td>
</tr>
</tbody>
</table>

**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.