



## TECHNICAL SERVICE BULLETIN

### 5.0L - Rattling Sound From The Transmission Bellhousing Area - Built On Or Before 12-Feb-2019

**19-2230**  
19 July 2019

This bulletin supersedes 19-2170. Reason for update: Replace Awareness/Interim Message

#### Model:

<b>Ford</b> 2018-2019 F-150
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#### Summary

This article supersedes TSB 19-2170 to update the Service Procedure and Parts List.

**Issue:** Some 2018-2019 F-150 vehicles equipped with a 5.0L engine built on or before 12-Feb-2019 may exhibit a rattling sound coming from the transmission bellhousing area. This may be due to the torque converter studs contacting the engine to transmission spacer plate. To correct the condition, follow the Service Procedure steps to replace the engine to transmission spacer plate with a new engine to transmission spacer plate that includes a bend for additional clearance.

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

- 2018-2019 F-150
- 5.0L engine
- Built on or before 12-Feb-2019
- The vehicle exhibits a rattling sound coming from the transmission bellhousing area

#### Parts

Part Number	Description	Quantity
JL3Z-7007-B	Engine To Transmission Spacer Plate	1
7L1Z-4B496-C	Front Driveshaft To Axle Bolt And Washer (4X4)	2
7L1Z-4B496-D	Front Driveshaft To Transfer Case Bolt And Washer (4X4)	3
N800594-S100	Rear Driveshaft Bolts (RWD)	2
W715579-S439	Rear Driveshaft Center Bearing Bolts	1
W714418-S439	Crossmember Attaching Bolt	1
W520114-S442	Crossmember Attaching Nut	1
W718353-S900	Left And Right Isolator Bolt	1
W520514-S440	Exhaust Flange Nut	4
JL3Z-6379-A	Flex Plate Attaching Bolt	8
W715618-S437	Torque Converter Nut	1
W711140-S900	Transmission Mount Bolt And Washer	3
W520113-S440	Sway Bar Nut	1
W709771-S440	Transmission Mount Nut	2

W714717-S439	Catalytic Converter To Muffler Pipe Bolts (Package Contains 4 Pieces)	1
TA-25-B	Motorcraft® Threadlock and Sealer	1

**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
2018-2019 F-150 4X2 5.0L Ti-VCT: Replace The Engine To Transmission Spacer Plate Includes Time To Remove And Install The Transmission (Do Not Use With Any Other Labor Operations)	192230A	5.5 Hrs.
2018-2019 F-150 4X4 5.0L Ti-VCT: Replace The Engine To Transmission Spacer Plate Includes Time To Remove And Install The Transmission And Transfer Case As An Assembly (Do Not Use With Any Other Labor Operations)	192230B	6.5 Hrs.

### Repair/Claim Coding

Causal Part:	7007
Condition Code:	07

### Service Procedure

[For an example of this condition, click this link.](#)

1. Remove the flexplate. Refer to Workshop Manual (WSM), Section 303-01D.
2. Replace the engine to transmission spacer plate. (Figure 1)

Figure 1



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3. To install, reverse the removal procedure.

(1). Reuse the transmission fluid cooler tube bracket bolt. Clean the threads and install a small patch of Motorcraft® Threadlock and Sealer or equivalent.

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