



TECHNICAL SERVICE BULLETIN

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

19-2358
03 December
2019

This bulletin supersedes 19-2230. Reason for update: Incorrect or Incomplete Symptom

Model:

Ford 2018-2019 F-150	Engine: 5.0L
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Summary

This article supersedes TSB 19-2230 to update the Title, Issue, Action 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 metallic grinding/rattling sound coming from the transmission bellhousing area under various operating conditions. 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 metallic grinding/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	Package Contains 1 Piece, 2 Pieces Required	Front Driveshaft CV Joint To Pinion Flange Bolts (4WD)	2
7L1Z-4B496-D	Package Contains 1 Piece, 3 Pieces Required	Front Driveshaft CV Joint To Transfer Case Bolts (4WD)	3
N800594-S100	Package Contains 4 Pieces, 2WD Requires 8 Pieces, 4WD Requires 4 Pieces	Rear Driveshaft Bolt	2WD: 2, 4WD: 1
W715579-S439	Package Contains 4 Pieces, 2 Pieces Required	Rear Driveshaft Center Bearing Bolt	1
W714418-S439	Package Contains 4 Pieces, 4 Pieces Required	Crossmember Attaching Bolt	1
W520114-S442	Package Contains 4 Pieces, 4 Pieces Required	Crossmember Attaching Nut	1

W718353-S900	Package Contains 4 Pieces, 4 Pieces Required	Left And Right Isolator Bolt (4WD)	1
W520514-S440	Package Contains 1 Piece, 4 Pieces Required	Catalytic Converter To Exhaust Manifold Nut	4
JL3Z-6379-A	Package Contains 1 Piece, 8 Pieces Required	Flex Plate Attaching Bolt	8
W715618-S437	Package Contains 4 Pieces, 1 Pieces Required	Torque Converter Nut	1
W711140-S900	Package Contains 1 Piece, 3 Pieces Required	Transmission Mount Bolt (2WD)	3
W709771-S440	Package Contains 1 Piece, 2 Pieces Required	Transmission Mount Nut (2WD)	2
W520113-S440	Package Contains 4 Pieces, 4 Pieces Required	Stabilizer Bar Bracket Nut	1
TA-25-B	-	Motorcraft® Threadlock and Sealer	As Required

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 2-Wheel Drive (2WD) 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)	192358A	5.5 Hrs.
2018-2019 F-150 4-Wheel Drive (4WD) 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)	192358B	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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