



TECHNICAL SERVICE BULLETIN

2.7L EcoBoost - Oil Pan Leaking - Built On Or Before 21-May-2019

19-2189
06 August 2019

Model:

Ford 2018-2019 F-150

Issue: Some 2018-2019 F-150 vehicles equipped with a 2.7L EcoBoost engine built on or before 21-May-2019 may exhibit an oil leak from the engine oil pan RTV seal. To correct the condition, follow the Service Procedure steps to replace the oil pan with a new oil pan equipped with a press-in-place gasket.

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

- 2018-2019 F-150
- 2.7L engine
- Built on or before 21-May-2019
- Oil leak from the oil pan RTV seal

Parts

Part Number	Description	Quantity
JT4Z-6675-B	Oil Pan	1
W720160 S437	Oil Pan Bolts	2
FT4Z-6626-A	Oil Pump Seal	1
FT4Z-6731-A	Oil Filter	1
W520113-S440	Stabilizer Bar Bracket Nuts	4
W715211-S439	Left Engine Mount Bolt	1
W716530-S440	Right Engine Mount Nuts	2
N808684-S101	Steering Shaft Bolt	1
W712743-S439	Axle Mounting Bolt	1
W712724-S439	Axle Mounting Bolt	1
W716700-S442	Axle Mounting Nut	1
W712723-S441	Axle Mounting Nut	1
ZC-30-A	Motorcraft® Silicone Gasket Remover	1
ZC-31-B	Motorcraft® Metal Surface Prep Wipes	1
TA-357	Motorcraft® High Performance Engine RTV Silicone	1
XO-5W30-Q1SP	Motorcraft® SAE 5W-30 Synthetic Blend Motor Oil (All Markets Except Canada)	6
CXO-5W30-LSP6	Motorcraft® SAE 5W-30 Super Premium Motor Oil (Canada Only)	6

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
2018-2009 F-150 4X2 2.7L EcoBoost: Inspect And Replace The Engine Oil Pan (Do Not Use With Any Other Labor Operations)	192189A	2.5 Hrs.
2018-2009 F-150 4X4 2.7L EcoBoost: Inspect And Replace The Engine Oil Pan (Do Not Use With Any Other Labor Operations)	192189B	3.5 Hrs.

Repair/Claim Coding

Causal Part:	6675
Condition Code:	D8

Service Procedure



CAUTION: The parts and procedure in this article are not compatible with 2015-2017 vehicles. Do not use the oil pan with press-in-place gasket on 2015-2017 vehicles as this oil pan is not equipped with a positive crankcase ventilation (PCV) check valve. Installation of this oil pan on a 2015-2017 vehicle will result in oil consumption which may result in engine damage.

1. Remove and discard the oil pan and oil pump seal. Refer to Workshop Manual (WSM), Section 303-01.

NOTE: Sealing surface cleaning and preparation is critical to RTV adhesion and gasket sealing.

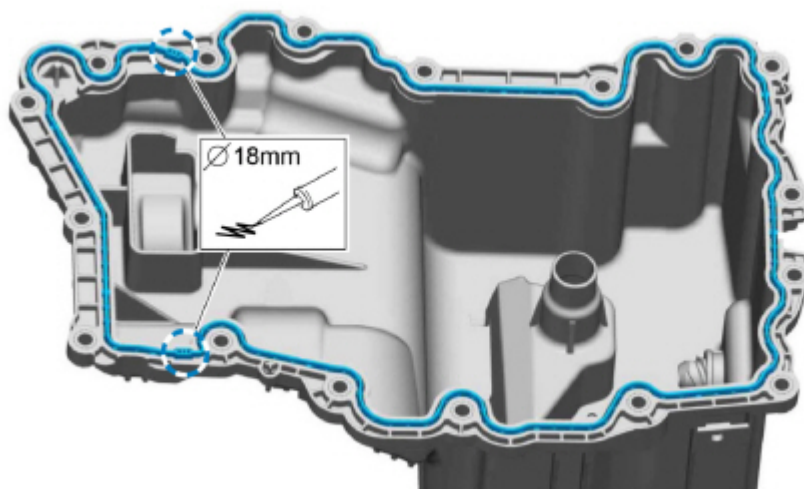
2. Clean and prepare the engine sealing surface. Refer to WSM, Section 303-00.

3. Install the new oil pump seal.

4. Apply a 18 mm (0.708 in) bead of Motorcraft® High Performance Engine RTV Silicone to the engine front cover-to-cylinder block joint areas on the oil pan. (Figure 1)

NOTE: The new oil pan does not require the use of Motorcraft® High Performance Engine RTV Silicone in any other location.

Figure 1



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5. Install the new oil pan. Refer to the WSM, Section 303-01.

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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.