



TECHNICAL SERVICE BULLETIN

2.7L/3.0L EcoBoost - Oil Pan Leaking

24-2345

25 November
2024

This bulletin supersedes 23-2338. Reason for update: revised Service Procedure, update Part List

Model:

Ford 2015-2017 Edge	Engine: 2.7L EcoBoost
2017 Fusion	Engine: 2.7L EcoBoost
Lincoln 2017 Continental	Engine: 2.7L EcoBoost Engine: 3.0L EcoBoost
2016-2017 MKX	Engine: 2.7L EcoBoost
2017 MKZ	Engine: 3.0L EcoBoost

Markets: North American markets only

Issue: Some 2015-2017 Edge, 2016-2017 MKX, 2017 Fusion/MKZ/Continental vehicles equipped with a 2.7L EcoBoost or 3.0L EcoBoost engine may exhibit an oil leak from the engine oil pan RTV seal. This may be due to a lack of RTV adhesion. To correct the condition, follow the Service Procedure to replace the factory oil pan with a press in place gasket style oil pan.

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

- One of the following vehicle lines:
 - 2015-2017 Edge
 - 2016-2017 MKX
 - 2017 Continental/Fusion/MKZ
- 2.7L/3.0L EcoBoost engine
- Oil leak from the oil pan RTV seal

Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
FT4Z-6675-D	1	1	1	Oil Pan
FL3Z-6710-B	1	1	1	Oil Pan Gasket
KU2Z-6731-A	1	1	1	Oil Filter Element And O-Ring Seals
FT4Z-6A832-C	1	1	1	Oil Filter and Cap Assembly Kit
9W7Z-19B596-A	1	1	1	Seal Kit - A/C Compressor Gasket And O-Ring, 1/2 In. (Edge/MKX Only)
DL3Z-19B596-B	1	1	1	Seal Kit - A/C Compressor Gasket And O-Ring, 5/8 In. (Continental 2.7L Only)
DS7Z-19B596-A	1	1	1	Seal Kit - A/C Compressor Gaskets 8 mm, 1/2 In., 5/8 In. (All Models)
HL3Z-19B596-A	1	1	1	Seal Kit - A/C O-Rings - 3/4 In., 1/2 In., 5/8 In. and 3/8 In. (Fusion/MKZ/Continental 3.0L)
FT4Z-6626-A	1	1	1	Oil Pump Seal
W714265-S442	1	1	4	Left Catalytic Converter Nuts
BL3Z-9450-A	1	1	1	Catalytic Converter Gasket

Parts - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
ZC-30-A	Only If Necessary	Only If Necessary		Motorcraft® Gasket Remover
TA-357	Only If Necessary	Only If Necessary		Motorcraft® High Performance Engine RTV Silicone
XO- 5W30-Q1SP	Only If Necessary	Only If Necessary		Motorcraft® SAE 5W-30 Synthetic Blend Motor Oil (All Markets Except Canada)
CXO-5W30-LSP6	Only If Necessary	Only If Necessary		Motorcraft® SAE 5W-30 Super Premium Motor Oil (Canada Only)
VC-13-G	Only If Necessary	Only If Necessary		Motorcraft® Yellow Concentrated Antifreeze/Coolant (All Markets Except Canada)
CVC-13-G	Only If Necessary	Only If Necessary		Motorcraft® Yellow Concentrated Antifreeze/Coolant (Canada Only)
PM-4-A	Only If Necessary	Only If Necessary		Motorcraft® Brake Parts Cleaner - VOC Compliant (All Markets Except Canada)
PM-4-B	Only If Necessary	Only If Necessary		Motorcraft® Metal Brake Parts Cleaner (Not Compliant With Low Volatile Organic Compound [VOC] Requirements) (All Markets Except Canada)
CPM-4-A	Only If Necessary	Only If Necessary		Motorcraft® Brake Parts Cleaner - VOC Compliant (Canada Only)

Claim Quantity refers to the total number of individual pieces required to repair the vehicle.

Package Order Quantity refers to the amount of the service part number package(s) required to repair the vehicle.

Number In Package refers to the number of individual pieces included in a service part number package.

Only If Necessary indicates the part is not mandatory. Refer to the Service Procedure to determine the inspection/inclusion criteria.

Labor Times

Description	Operation No.	Time
2017 Continental 2.7L/3.0L EcoBoost: Inspect And Replace The Engine Oil Pan (Do Not Use With Any Other Labor Operations)	242345A	3.1 Hrs.
2015-2017 Edge, 2016-2017 MKX 2.7L EcoBoost: Inspect And Replace The Engine Oil Pan (Do Not Use With Any Other Labor Operations)	242345B	3.2 Hrs.
2017 Fusion 2.7L EcoBoost: Inspect And Replace The Engine Oil Pan (Do Not Use With Any Labor Operations Outside Of This Article)	242345C	3.2 Hrs.
2017 MKZ 3.0L EcoBoost: Inspect And Replace The Engine Oil Pan (Do Not Use With Any Labor Operations Outside Of This Article)	242345D	3.2 Hrs.

Repair/Claim Coding

Causal Part:	6675
Condition Code:	D8

Service Procedure

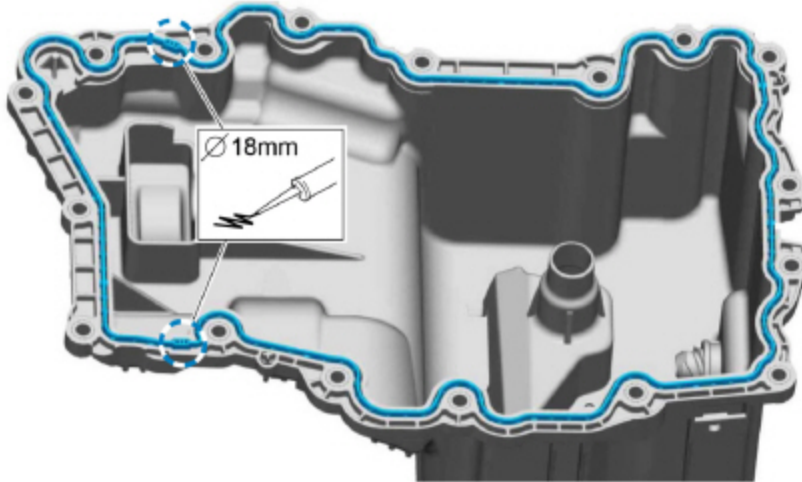
1. Remove and discard the oil pan and oil pump seal. Refer to WSM, Section 303-01, Removal and Installation > Oil Pan.
2. Clean and prepare the engine sealing surface. Refer to WSM, Section 303-00 General Procedures.
3. Install the new oil pump seal. Refer to WSM, Section 303-01, Removal and Installation > Oil Pan.

4. Verify the correct orientation of the new press in place gasket and install the new oil pan. Refer to the [WSM](#), Section 303-01, Removal and Installation > Oil Pan.

(1). Apply an 18 mm bead of Motorcraft® High Performance Engine RTV Silicone at the T-joints, where the ladder frame meets the front cover (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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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.