



TECHNICAL SERVICE BULLETIN

5.0L - Oil Leaks From Valve Cover Gasket

19-2260
28 August 2019

Model:

Ford 2015-2017 Mustang

Issue: Some 2015-2017 Mustang vehicles equipped with a 5.0L engine may exhibit an oil leak from either valve cover gasket. This may be due to the number of fasteners used to hold the valve cover onto the cylinder head. To correct the condition, follow the Service Procedure steps to add fasteners to both valve covers.

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

- 2015-2017 Mustang
- 5.0L engine
- Oil leak from either valve cover gasket

Parts

Part Number	Description	Quantity
JR3Z-00812-B	Valve Cover Bolt	10
W712334-S440	Strut Tower Brace/Cowl Extension Nut	4
ER3Z-6584-B	Valve Cover Gasket (Left Side)	1
ER3Z-6584-A	Valve Cover Gasket (Right Side)	1
BR3Z-6C535-A	VCT Seal	As Required
BR3Z-6C535-B	Spark Plug Seal	As Required
ZC-30-A	Motorcraft® Silicone Gasket Remover	1
ZC-31-B	Motorcraft® Metal Surface Prep Wipes	1
TA-30	Motorcraft® Silicone Gasket and Sealant	1
PM-4-A	Motorcraft® Metal Brake Parts Cleaner	1
XO-5W20-Q1SP	Motorcraft® SAE 5W-20 Synthetic Blend Motor Oil (All Markets Except Canada)	As Needed
CXO-5W20-LSP6	Motorcraft® SAE 5W-20 Super Premium Motor Oil (Canada Only)	As Needed

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
-------------	---------------	------

2015-2017 Mustang 5.0L TiVCT: Remove Both (2) Valve Covers, Update Following The Service Procedure, Includes Time To Verify Leak And Check And Correct Engine Oil Level (Do Not Use With Any Other Labor Operations)	192260A	3.8 Hrs.
--	---------	----------

Repair/Claim Coding

Causal Part:	6582
Condition Code:	D8

Service Procedure

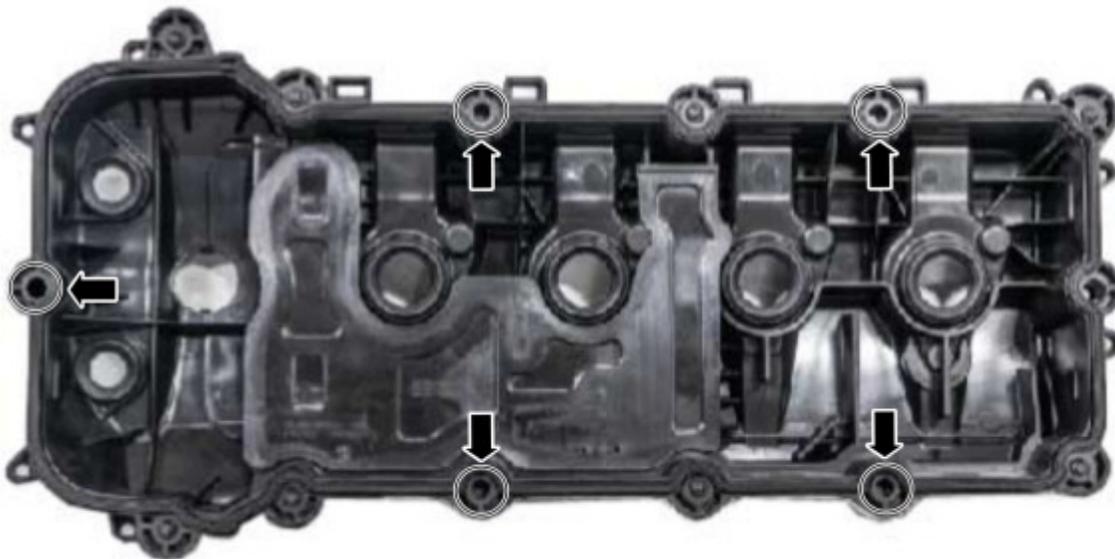
1. Remove both valve covers. Refer to Workshop Manual (WSM), Section 303-01C.



CAUTION: Use a shop rag to prevent shavings from the drilling process from going into the under side of the valve cover. Thoroughly clean the under side of each valve cover after drilling to remove any shavings which may have entered into the under side of the valve cover. Any shavings left in the valve cover when it is reinstalled on the engine may enter the engine and cause damage to it.

2. Using a 10 mm (0.394 in) drill bit and drilling from the underside of the valve covers, drill holes through the 5 tabs along the perimeter of the valve covers that do not already have holes. This will allow fasteners to go through them. Use the indented area on each tab as a guide to center the drill bit to make sure the holes are drilled in proper alignment to allow fasteners to pass through them and thread into the corresponding holes in the cylinder head when the valve covers are reinstalled on the engine. (Figure 1, right side shown, left side similar)

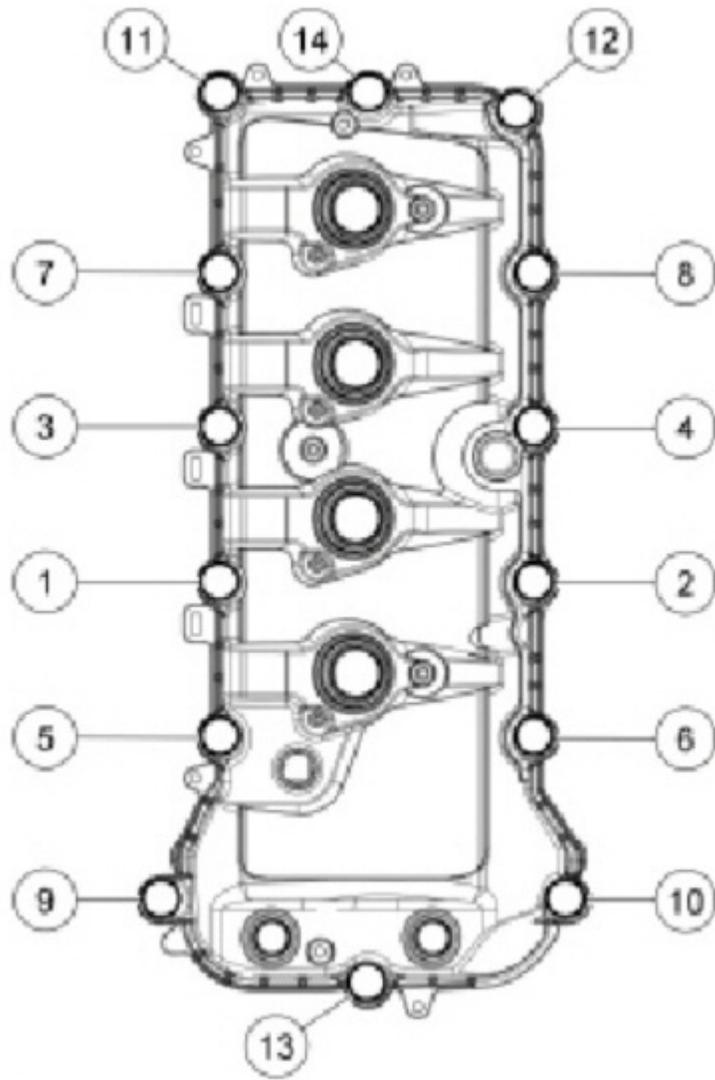
Figure 1



E318004

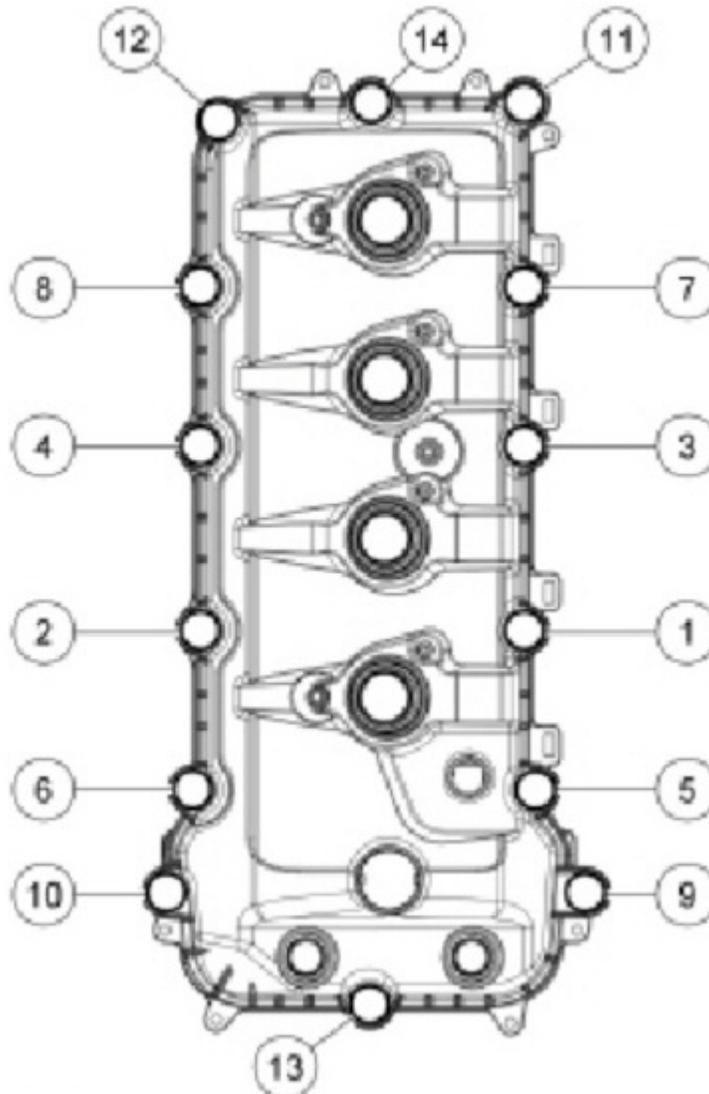
3. Reinstall the valve covers onto the engine, adding fasteners through the holes drilled in Step 2. Refer to WSM, Section 303-01C. Follow the revised tightening sequence in Figure 2 for the left valve cover and Figure 3 for the right valve cover. Tighten the fasteners to 10 Nm (89 lb-in).

Figure 2



E318005

Figure 3



E318006

4. Make sure the engine oil level is at the proper level after completing the repair.

© 2019 Ford Motor Company

All rights reserved.

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.