

**3.5L GTDI - EXCESSIVE OIL CONSUMPTION AND/OR SMOKE FROM
THE EXHAUST AT IDLE DURING NORMAL ENGINE OPERATING
TEMPERATURE - ALUMINUM VALVE COVER**

TSB 14-0113

SB-10056147-6440

FORD:

2010-2014 Flex, Taurus

2013-2014 Explorer

LINCOLN:

2010-2014 MKS, MKT

ISSUE

Some 2010-2014 Flex, MKS, MKT, Taurus and 2013-2014 Explorer vehicles equipped with a 3.5L Gasoline Turbocharged Direct Injection (GTDI) engine with an aluminum valve cover may exhibit excessive oil consumption and/or excessive engine oil smoking condition from the tail pipe at idle during normal engine operating temperatures.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Remove the positive crankcase ventilation (PCV) Valve. Refer to Workshop Manual (WSM), Section 303-08.
2. Inspect for oil in the crankcase vent oil separator through the PCV valve opening. Is there presence of liquid oil, more than slight vapor?
 - a. No - this article does not apply refer to WSM, Section 303-00 for Excessive Engine Oil Consumption.
 - b. Yes - proceed to Step 3.
3. Replace the right hand valve cover, refer to WSM, Section 303-01D.
4. Replace the crankcase vent oil separator, refer to WSM, Section 303-08.
5. Drive the vehicle at normal operating temperature for 20 minutes at constant highway speed to remove oil residue from catalytic converter.

PART NUMBER	PART NAME
AA5Z-6582-E	Valve Cover
AA5Z-6A666-D	PCV Valve
AA5Z-6A785-F	Crankcase Vent Oil Separator
AT4Z-9H486-A	Upper Intake Manifold Gasket
TA-357	Motorcraft® High Performance Engine RTV Silicone
XG-3-A	Motorcraft® Silicone Brake Caliper Grease and Dielectric Compound
XO-5W20-QSP	Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil
PM-4-A	Motorcraft® Metal Brake Parts Cleaner
ZC-31-B	Motorcraft® Metal Surface Prep Wipes
ZC-30-A	Motorcraft® Silicone Gasket Remover

NOTE: The information contained 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, Lincoln, or Mercury 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.

OPERATION	DESCRIPTION	TIME
140113A	2013-2014 Explorer 2010-2014 Taurus, MKS, Flex And MKT 3.5L GTDI: Inspect For Oil In The Crankcase Vent Oil Separator. None Found Includes Time To Replace PCV Valve (Do Not Use With Any Other Labor Operations)	0.3 Hr.
140113B	2013-2014 Explorer 3.5L GTDI: Inspect For Oil In The Crankcase Vent Oil Separator. Replace Right Hand Valve Cover, Crankcase Vent Oil Separator, PCV Valve Includes Time For Road Test (Do Not Use With Any Other Labor Operations)	2.1 Hrs.
140113B	2010-2014 Flex, MKT, Taurus And MKS 3.5L GTDI: Inspect For Oil In The Crankcase Vent Oil Separator. Replace Right Hand Valve Cover, Crankcase Vent Oil Separator, PCV Valve Includes Time For Road Test (Do Not Use With Any Other Labor Operations)	2.2 Hrs.

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions 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.

DEALER CODING

BASIC PART NO.	CONDITION CODE
6A785	42