

<b>5.4L 2V AND 6.8L 2V ENGINE—EXCESSIVE ENGINE OIL CONSUMPTION</b>	<b>TSB 13-5-4</b>
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**FORD:**

2011-2013 E-350, E-450

**ISSUE**

Some 2011-2013 E-350 and E-450 vehicles equipped with a 5.4L 2V or 6.8L 2V engine and built on or before 11/12/2012 may exhibit excessive oil consumption determined as less than 4,800 km (3,000 miles) driven per 0.95L (1 qt) engine oil consumed.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Is engine oil consumption determined to be excessive following the Excessive Engine Oil Consumption test? Refer to Workshop Manual (WSM), Section 303-00.
  - a. Yes - proceed to Step 2.
  - b. No - this article does not apply. Refer to WSM, Section 303-00 for normal diagnostics.
2. Remove engine. Refer to WSM, Section 303-01.
3. Replace all valve seals. Refer to WSM, Section 303-01.
4. Install engine. Refer to WSM, Section 303-01.

PART NUMBER	PART NAME
DC2Z-6571A	Valve Stem Seal
AC2Z-9439-B	Intake Gasket - Left Hand - 5.4L
AC2Z-9439-A	Intake Gasket - Right Hand - 5.4L
4C3Z-6584-BA	Cam Cover Gasket - Right Hand
4C3Z-6584-CA	Cam Cover Gasket - Left Hand
4C2Z-9439-AA	Intake Manifold 6.8L
F1AZ-6731-BD	Oil Filter
F1VY-8255-A	O-Ring - Thermostat Outlet
XO-5W20-QSP	Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil
VC-7-B	Motorcraft® Gold Antifreeze/Coolant Concentrated
TA-30	Motorcraft® Silicone Gasket and Sealant

**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.

OPERATION	DESCRIPTION	TIME
130504A	2011-2013 Econoline 5.4L: Replace All Valve Seals Includes Time To Remove And Install Engine (Do Not Use With Any Other Labor Operations)	13.0 Hrs.
130504A	2011-2013 Econoline 6.8L: Replace All Valve Seals Includes Time To Remove And Install Engine (Do Not Use With Any Other Labor Operations)	14.1 Hrs.

**DEALER CODING**

BASIC PART NO.  
6A517

CONDITION CODE  
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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 supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.