

**FORD:**  
2003-2005 Excursion

2003-2006 F-Super Duty  
2004-2006 E-Series

**ISSUE**

Some vehicles equipped with a 6.0L engine may exhibit a diesel odor in the cab.

**ACTION**

It may be necessary to replace the exhaust manifold gasket. Refer to the following Service Procedure.

**SERVICE PROCEDURE**

1. Start the engine and warm it to normal operating temperature.
2. Remove the exhaust pressure (EP) sensor.

**NOTE**

SOME BUBBLING OF MOISTURE/SOOT BETWEEN THE EXHAUST MANIFOLD AND HEAD WHEN THE ENGINE AND MANIFOLD ARE COLD IS NORMAL. ONCE THE ENGINE AND MANIFOLD ARE AT OPERATING TEMPERATURE, THEY SHOULD BE SEALED.

3. Using the Rotunda Smoke Machine (218-00001) induce smoke into the EP tube. Inspect for leaks around the exhaust manifolds and y-pipe. If a leak is found at the exhaust manifold, replace only the exhaust manifold gasket that is leaking.

**NOTE**

EXHAUST MANIFOLD GASKETS ARE NOT REUSABLE.

PART NUMBER	PART NAME
5C4Z-9448-A	Exhaust Gasket

**WARRANTY STATUS:** Eligible Under Provisions of New Vehicle Limited Warranty Coverage

OPERATION	DESCRIPTION	TIME
051309A	2004-2006 Econoline 6.0L: Install Exhaust Manifold Gasket, Includes Time To Diagnose Using Smoke Machine: Right Exhaust Manifold (Do Not Use With 9430A)	1.9 Hrs.
051309B	2004-2006 Econoline 6.0L: Install Exhaust Manifold Gasket Includes Time To Diagnose Using Smoke Machine: Left Exhaust Manifold (Do Not Use With 9430A)	1.6 Hrs.
051309C	2004-2006 Econoline 6.0L: Install Exhaust Manifold Gaskets Includes Time To Diagnose Using Smoke Machine: Both Exhaust Manifolds (Do Not Use With 9430A)	2.6 Hrs.
051309D	2003-2006 Super Duty 2003-2005 Excursion 4X2 6.0L: Install Exhaust Manifold Gasket Includes Time To Diagnose Using Smoke Machine: Right Exhaust Manifold (Do Not Use With 9430A)	1.9 Hrs.
051309E	2003-2006 Super Duty 2003-2005 Excursion 4X2 6.0L: Install Exhaust Manifold Gasket Includes Time To Diagnose Using Smoke Machine: Left Exhaust Manifold (Do Not Use With 9430A)	1.2 Hrs.

**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, 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.

## TSB 05-13-9 (Continued)

051309F	2003-2006 Super Duty 2003-2005 Excursion 4X2 6.0L: Install Exhaust Manifold Gaskets Includes Time To Diagnose Using Smoke Machine: Both Exhaust Manifolds (Do Not Use With 9430A)	2.5 Hrs.	051309I	2003-2006 Super Duty 2003-2005 Excursion 4X4 6.0L: Install Exhaust Manifold Gasket Includes Time To Diagnose Using Smoke Machine: Both Exhaust Manifold (Do Not Use With 9430A)	2.9 Hrs.
051309G	2003-2006 Super Duty 2003-2005 Excursion 4X4 6.0L: Install Exhaust Manifold Gasket Includes Time To Diagnose Using Smoke Machine: Right Exhaust Manifold (Do Not Use With 9430A)	1.9 Hrs.	<b>DEALER CODING</b>		
			BASIC PART NO. 9430		CONDITION CODE 14
051309H	2003-2006 Super Duty 2003-2005 Excursion 4X4 6.0L: Install Exhaust Manifold Gasket Includes Time To Diagnose Using Smoke Machine: Left Exhaust Manifold (Do Not Use With 9430A)	1.6 Hrs.			