

**FORD:**  
2006 Mustang, Explorer

**MERCURY:**  
2006 Mountaineer

**LINCOLN:**  
2006 Lincoln LS

**ISSUE**

Some 2006 Explorer 4dr, Mountaineer, Mustang vehicles built between 8/1/2005 and 12/7/2005, and Lincoln LS vehicles built between 9/1/2005 and 1/31/2006, with a 5R55S transmission may exhibit a fluid leak coming from within the converter housing. The leak may be coming from the bolt holes located at the 5 or 7 o'clock positions on the fluid pump cover.

**ACTION**

Follow the Workshop Manual (WSM), Section 307-01A, Leak Inspection Procedures to determine the correct source of the leak. If the bolt hole area is the source do not replace the pump assembly. Use the following Service Procedure to correct the condition.

**SERVICE PROCEDURE**

1. Drain transmission fluid by removing the drain plug (large plug) and allow the fluid to drain.
2. Reinstall the drain plug and tighten to 19 lb-ft (26 N•m).
3. Using WSM, Section 307-01A, Removal - Transmission, remove the transmission.

**NOTE**

IT IS NOT NECESSARY TO COMPLETELY REMOVE THE DRIVE SHAFT OR EXHAUST FROM THE LINCOLN LS. THE PROCEDURE CAN BE PERFORMED BY REMOVING THE TRANSMISSION END OF THE DRIVESHAFT AND SECURING IT OUT OF THE WAY AND ONLY THE CATALYTIC CONVERTER NEEDS TO BE REMOVED.

4. Remove the torque converter.
5. Remove and discard both bolts on fluid pump cover from both the 5 and 7 o'clock positions.

6. Clean the converter housing area and the bolt hole surface with Motorcraft Metal Surface Cleaner only.
7. Apply only Motorcraft Ultra Silicone Sealant to the pump cover surface around the two bolt holes.
8. Install two new fluid pump bolts, and torque bolt to 18 lb-ft (25 N•m).
9. Reinstall torque converter.
10. Using WSM, Section 307-01A, Installation - Transmission, install the transmission.
11. Follow WSM, Section 307-01A, Fluid Level Check and reset fluid level.
12. Verify repair.

PART NUMBER	PART NAME
TA-29	Ultra Silicone Sealant
W704892-S300	Screw/Washer Assy
ZC-21	Metal Surface Cleaner

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

OPERATION	DESCRIPTION	TIME
061005A	2006 Explorer/Mountaineer 4X2 4.0L Engine: Replace The Two Fluid Pump Bolts, Includes Time To Diagnose with Black Light, Remove And Install Transmission and Torque Converter (Do Not Use With 7000A, 7000E, 7000A12, 5212B, 5241A, 4602A, 4602B)	4.5 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 06-10-5 (Continued)

061005A	Operation A: 2006 Explorer/Mountaineer 4X4 4.0L Engine: Replace The Two Fluid Pump Bolts, Includes Time To Diagnose with Black Light, Remove And Install Transmission and Torque Converter (Do Not Use With 7000A, 7000E, 7000A12, 5212B, 5241A, 4602A, 4602B)	4.8 Hrs.	061005A	2006 Lincoln LS 3.9L Engine: Replace The Two Fluid Pump Bolts, Includes Time To Diagnose with Black Light, Remove And Install Transmission and Torque Converter (Do Not Use With 7000A, 7000E, 7000A12, 5212B, 5241A, 4602A, 4602B)	4.6 Hrs
			<b>DEALER CODING</b>		
061005A	2006 Mustang 4.0L Engine: Replace The Two Fluid Pump Bolts, Includes Time To Diagnose with Black Light, Remove And Install Transmission and Torque Converter (Do Not Use With 7000A, 7000E, 7000A12, 5212B, 5241A, 4602A, 4602B)	4.1 Hrs.	BASIC PART NO. 7A103		CONDITION CODE 14
061005A	2006 Mustang 4.6L Engine: Replace The Two Fluid Pump Bolts, Includes Time To Diagnose with Black Light, Remove And Install Transmission and Torque Converter (Do Not Use With 7000A, 7000E, 7000A12, 5212B, 5241A, 4602A, 4602B)	4.6 Hrs.			