

## SB-10055783-5852

**FORD:**

2009-2010 Expedition ,Explorer ,Explorer Sport Trac ,F-150

**LINCOLN:**

2009-2010 Navigator

**MERCURY:**

2009-2010 Mountaineer

This article supersedes TSB 11-3-25 to update the Service Procedure and Parts List.

**ISSUE**

Some 2009-2010 F-150, Expedition, Explorer Sport Trac, Explorer, Mountaineer and Navigator vehicles equipped with a 6R80 transmission may show signs of transmission fluid leakage around the transmission bulkhead connector sleeve.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

Verify the leak is present at the transmission bulkhead connector sleeve. With the vehicle in neutral, position it on a hoist. For additional information, refer to Workshop Manual (WSM), Section 100-02.

1. Disconnect the transmission vehicle harness connector by twisting the outer shell and pulling back on the connector.
2. Remove the transmission fluid pan and allow the transmission fluid to drain.

3. **NOTE:**

DO NOT TOUCH THE ELECTRICAL CONNECTOR PINS OR THE EXPOSED SOLENOID TABS ON THE TRANSMISSION BULKHEAD ELECTRICAL CONNECTOR. ELECTROSTATIC DISCHARGE MAY OCCUR AND MAY CAUSE DAMAGE TO THE TRANSMISSION CONTROL MODULE (TCM).

Pull the release tab and pull down on the transmission bulkhead electrical connector retainer.

4. With the release tab down and using tool 307-717 pull the connector sleeve out of the case/mechatronic assembly.
5. Remove and discard the O-rings on the connector sleeve.

6. **NOTE:**

CORRECT BULKHEAD CONNECTOR SLEEVE SEALS ARE BLACK IN COLOR. ANY RED/ORANGE COLOR SEALS SHOULD NOT BE USED.

Lube and install the new connector sleeve O-rings with clean transmission fluid, then install connector sleeve into case/mechantronic assembly.

7. Press up on the tab and lock the outer shell of the transmission bulkhead electrical connector sleeve in place. Make sure that the locking tab is securely locked.
8. Install the transmission fluid pan and gasket. Refill the transmission fluid. Refer to WSM, Section 307-01.

PART NUMBER	PART NAME
BL3Z-7Z276-A	Seal Kit
XT-10-QLVC	Motorcraft® MERCON® LV Automatic Transmission Fluid

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

OPERATION	DESCRIPTION	TIME
140069A	2009-2010 Explorer, Mountaineer, Explorer Sport Trac, And F-150: Replace Connector Sleeve O-Rings Includes Time To Remove And Install Transmission Fluid Pan (Do Not Use With Any Other Labor Operations)	1.7 Hrs.
140069A	2009-2010 Expedition And Navigator: Replace Connector Sleeve O-Rings Includes Time To Remove And Install Transmission Fluid Pan (Do Not Use With Any Other Labor Operations)	1.8 Hrs.

**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.

**DEALER CODING**

BASIC PART NO.	CONDITION CODE
7Z276	42