

## 6R80 TRANSMISSION BULKHEAD CONNECTOR SLEEVE LEAKING TRANSMISSION FLUID

TSB 11-3-25

### FORD:

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

### LINCOLN:

2009-2010 Navigator

### MERCURY:

2009-2010 Mountaineer

### 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. Pull the release tab and pull down on the transmission bulkhead electrical connector retainer.
4. With the release tab down, pull the connector sleeve out of the case/mechatronic assembly.
5. Lube new connector sleeve O-rings with clean transmission fluid, then install connector sleeve into case/mechantronic assembly.
6. 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.

7. Install the transmission fluid pan/gasket and refill transmission fluid refer to WSM, Section 307-01 for refill procedure.

### 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).

### NOTE

BULKHEAD CONNECTOR SLEEVES MAY COME WITH RED OR BLACK O-RING SEALS. USE ONLY BULKHEAD CONNECTOR SLEEVE THAT HAS BLACK O-RING SEAL FOR THIS PROCEDURE.

PART NUMBER	PART NAME
6L2Z-7G276-AA	Connector

**WARRANTY STATUS:** Eligible Under Provisions Of New Vehicle Limited Warranty Coverage  
**IMPORTANT:** Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

**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.

## TSB 11-3-25 (Continued)

OPERATION	DESCRIPTION	TIME
110325A	2009-2010 Explorer, Mountaineer, Explorer Sport Trac, And F-150: Replace Connector Sleeve Includes Time To Remove And Install Transmission Fluid Pan (Do Not Use With Any Other Labor Operations)	1.7 Hrs.
110325A	2009-2010 Expedition And Navigator: Replace Connector Sleeve Includes Time To Remove And Install Transmission Fluid Pan (Do Not Use With Any Other Labor Operations)	1.8 Hrs.

### DEALER CODING

BASIC PART NO.	CONDITION CODE
7G276	D8