

**TRANSMISSION—4R100/E4OD—TORQUE  
CONVERTER ACCESS EXTERNAL DUST PLUG MAY  
BECOME DISLODGED**

**Article No.  
02-21-1**

**FORD:** 1989-1996 BRONCO  
1989-1997 F SUPER DUTY  
1989-1998 F-250 LD, F-53 MOTORHOME  
1989-2003 E SERIES, F-150  
1997-2003 EXPEDITION  
1999-2003 SUPER DUTY F SERIES, SUPER DUTY F-53 STRIPPED CHAS.  
2000-2003 EXCURSION

**LINCOLN:** 1998-2003 NAVIGATOR  
2002-2003 BLACKWOOD

**ISSUE**

Some vehicles equipped with the E4OD/4R100 transmission may exhibit the torque converter external access dust plug dislodging and falling out during severe duty use. This may be caused by a combination of stack up tolerance, material shrinkage over time, and loading being applied to the plug during usage or cleaning of the underside of the vehicle.

**ACTION**

Obtain new plug (E9TZ-7N171-A) and apply 1/4" bead of silicone sealant around entire perimeter of part and install plug into transmission case. The silicone is to be applied in the groove of the part such that when it is installed, the sealant will fill any gaps between the transmission case and the plug.

**SERVICE PROCEDURE**

1. Obtain service part E9TZ-7N171-A, F7TZ-19554-AA and general purpose degreaser such as Motorcraft Brake Parts Cleaner, PM-4.
2. Clean transmission case casting in the area of the plug using general purpose degreaser making sure the area is free from grease and other contaminants.
3. Apply a 1/4" bead of silicone sealant F7TZ-19554-AA to plug E9TZ-7N171-A making sure that the groove in the plug is filled with silicone sealant.
4. Immediately install plug into the transmission case casting smoothing out any overflow that may occur during installation.

PART NUMBER	PART NAME
PM-4 E9TZ-7N171-A F7TZ-19554-AA	Motorcraft Brake Parts Cleaner Plug - Converter Access Ultra Silicone Sealant

**OTHER APPLICABLE ARTICLES:** NONE

**WARRANTY STATUS:** Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage

OPERATION	DESCRIPTION	TIME
022101A	Install Torque Converter Access External Dust Plug - 1989-1996 Bronco, 1989-1997 F-150, F250LD, F-Super Duty, E-Series, 1998-2003 F-150, Lightning, Harley Davidson, F-250LD, Super Duty F-Series, E-Series, 2000-2003 Excursion, 1989-2003 Motor Home Stripped Chassis, 1997-2003 Expedition, Navigator, 2002-2003 Blackwood	0.2 Hr.

**DEALER CODING**

BASIC PART NO.  
7N171

**OASIS CODES:** 504000

CONDITION  
CODE  
39

**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.