

FORD:

2013-2014 F-150, Mustang

ISSUE

Some 2013-2014 F-150 and Mustang vehicles equipped with a 3.5L Gasoline Turbocharged Direct Injection (GTDI) or 5.0L engines built on or before 3/13/2013, F-150 vehicles equipped with a 3.7L engine and built on or before 10/5/2013 and Mustang vehicles equipped with a 3.7L engine and built on or before 8/1/2013 may exhibit a transmission squawk-type noise during a 5-3 downshift event.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE1. **NOTE:**

THE KIT CONTAINS TWO SYRINGES. THE SYRINGE WITH ADDITIVE F IS TO BE USED FOR THIS PROCEDURE AND ONLY 9 - 10 ML SHOULD BE ADDED. THE ADDITIVE T IS A TRACER WHICH IS PART OF THE KIT PACKAGE AND IS NOT USED.

Add 9 - 10 mL of Motorcraft® 6R ATF additive to the transmission. Refer to Workshop Manual (WSM), Section 307-01.

- a. Fill plug should only be removed with the engine running.

PART NUMBER	PART NAME
XL-16	Motorcraft® 6R ATF Additive Kit

OPERATION	DESCRIPTION	TIME
140100A	2013-2014 F-150, Mustang 3.5L, 3.7L And 5.0L With 6R80 Transmission: Add Friction Modifier To The Transmission (Do Not Use With Any Other Labor Operations)	0.3 Hr.

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
7B164	42

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.