

**4WD - NOISY OR ENGAGED FRONT HUBS IN 2WD MODE -
INTEGRATED WHEEL END (IWE) VACUUM HOSE REPAIR KIT****TSB 16-0108****FORD:**

2004-2014 F-150

LINCOLN:

2006-2008 Mark LT

ISSUE

Some 2004-2014 F-150 and 2006-2008 Mark LT vehicles equipped with four-wheel drive (4WD) may exhibit noisy or engaged front hubs when operating in two-wheel drive (2WD) mode.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Disconnect the IWE vacuum hose from the top (outlet) port of the IWE solenoid. For solenoid location, refer to Wiring Diagram (WD), cell 151.
2. Connect a hand vacuum pump to the IWE vacuum hose and apply 381 mm-Hg (15 in-Hg) of vacuum. Will the IWE system hold 381 mm-Hg (15 in-Hg) of vacuum for 1 minute?
 - a. Yes - this article does not apply. Refer to Workshop Manual (WSM), Section 308-07 for normal diagnosis.
 - b. No - proceed to Step 3.
3. Inspect the IWE vacuum hose from inside the wheel well on each side of the vehicle for visible damage. Does either side have damage causing a vacuum leak?
 - a. Yes - proceed to Step 4.
 - b. No - this article does not apply. Refer to WSM, Section 308-07 for normal diagnosis.
4. Install the IWE vacuum hose service kit on both sides. Refer to the instruction sheet included in the parts kit.

PART NUMBER	PART NAME
FL3Z-3C125-C	IWE Vacuum Hose Service Kit

OPERATION	DESCRIPTION	TIME
160108A	2004-2014 F-150 4WD, 2006-2008 Mark LT 4WD: Diagnose And Install The IWE Vacuum Hose Service Kit (Do Not Use With Any Other Labor Operations)	0.5 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
3C125	01

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