

**FORD:**  
2007-2008 Mustang, Expedition,  
Explorer Sport Trac, Explorer, F-150, F-150

**LINCOLN:**  
2007-2008 Mark LT, Navigator

**MERCURY:**  
2007-2008 Mountaineer

This article supersedes TSB **8-4-2** to remove the production build date.

**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.

**ISSUE**

Some 2007-2008 F-150, Mustang vehicles equipped with a 4.6L and 5.4L engine; 2007-2008 Mark LT, Expedition, Navigator vehicles equipped with a 5.4L engine; Explorer, Mountaineer, Explorer Sport Trac vehicles with 4.6L engine may exhibit a front end accessory drive (FEAD) related high-pitched metallic whistle/hoot noise after a cold soak in ambient temperatures below 40 °F (4.4 °C). This noise may be caused by the grooved nylon FEAD idler pulley.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

**NOTE**

FEAD IDLER PULLEY NOISE MAY BE MOST APPARENT AT OR NEAR COLD ENGINE IDLE SPEEDS (APPROXIMATELY 1200 RPM). NOISE DURATION IS LESS THAN 10 MINUTES AFTER STARTUP AND WILL BE ELIMINATED WITH FEAD BELT REMOVED.

1. Replace the nylon FEAD idler pulley, refer to Workshop Manual, Section 303-05.

PART NUMBER	PART NAME
6L3Z-6C348-A	Idler Pulley

OPERATION	DESCRIPTION	TIME
090907A	2007-2008 F-150/Mark LT 4.6L/5.4L: Replace FEAD Idler Pulley Includes Time To Remove And Install Serpentine Belt (Do Not Use With 8678A, 8620F)	0.3 Hr.
090907A	2007-2008 Expedition/Navigator: Replace FEAD Idler Pulley Includes Time To Remove And Install Serpentine Belt (Do Not Use With 8678A, 8620F)	0.4 Hr.
090907A	2007-2008 Explorer/Mountaineer/ Sport Trac 4.6L: Replace FEAD Idler Pulley Includes Time To Remove And Install Serpentine Belt (Do Not Use With 8678A, 8620F)	0.4 Hr.
090907A	2007-2008 Mustang 4.6L: Replace FEAD Idler Pulley Includes Time To Remove And Install Serpentine Belt (Do Not Use With 8678A, 8620F)	0.3 Hr.

**DEALER CODING**

BASIC PART NO.	CONDITION CODE
6C348	42

**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. 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.