

LIMITED SLIP AXLE MOAN/GROAN NOISE DURING LOW SPEED TURNING MANEUVERS

TSB 05-21-2

FORD:

2005 Mustang

ISSUE

Some 2005 Mustang GT vehicles equipped with the 8.8 inch limited slip axle may exhibit a moan/groan noise when making low speed turns.

ACTION

First, verify the concern. Turn the wheel fully to the right or the left and then accelerate the vehicle. If the concern is verified to be in the rear axle, replace the limited slip clutch pack.

SERVICE PROCEDURE

Install the new limited slip clutch pack kit following the procedures in Section 205-02B (Differential Carrier Removal and Differential Case/Ring Gear Disassembly) of the 2005 Mustang Workshop Manual.

NOTE

ONLY USE THE WORKSHOP MANUAL STEPS NEEDED FOR REPLACEMENT OF THE CLUTCH PACK.

Installation Tips

- The clutch packs in the service kit DO NOT need to be shimmed. The clutch pack kit contains pre-measured shims
- Soak the new clutch packs in Motorcraft Additive Friction Modifier (XL-3) for 15 minutes prior to installation

- Refill the axle with 4 oz. (118 ml) of Motorcraft Additive Friction Modifier (XL-3) and the necessary amount of Rear Axle Lubricant Motorcraft SAE 75W-140 Synthetic Rear Axle Lubricant (XY-75W140-QL) to the level shown in the Workshop Manual

PART NUMBER	PART NAME
5R3Z-4947-A	Clutch Pack Kit
XL-3	Motorcraft Additive Friction Modifier
XY-75W140-QL	Motorcraft SAE 75W-140 Synthetic Rear Axle Lubricant

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

OPERATION	DESCRIPTION	TIME
052102A	2005 Mustang: Install The Limited Slip Clutch Pack. (Do Not Use With 4205A, 4205A4)	3.3 Hrs.

DEALER CODING

BASIC PART NO.
4947

CONDITION
CODE
D4

OASIS CODES: 509000, 597997

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