• **NOISE—"CHATTER" DURING TIGHT TURNS OR TURNS AFTER AN EXTENDED PERIOD OF HIGHWAY DRIVING—TRACTION-LOK DIFFERENTIAL—7.5 AND 8.8 INCH RING GEAR REAR AXLES** • **AXLE—NEW SERVICE KIT AVAILABLE FOR TRACTION-LOK DIFFERENTIAL—7.5 AND 8.8 INCH RING GEAR** • **AXLE—TRACTION-LOK DIFFERENTIAL—7.5 AND 8.8 INCH RING GEAR—"CHATTER" NOISE DURING TIGHT TURNS OR TURNS AFTER AN EXTENDED PERIOD OF HIGHWAY DRIVING**	**Article No. 96-12-9**

FORD: 1989-1996 CROWN VICTORIA, MUSTANG, THUNDERBIRD, AEROSTAR, BRONCO, E-150, RANGER
1989-1997 F-150
1991-1996 EXPLORER

LINCOLN: 1989-1996 TOWN CAR

MERCURY: 1989-1996 COUGAR, GRAND MARQUIS

ISSUE

A "chatter" noise can be felt and/or heard during tight turns or turns after an extended period of highway driving. This is due to insufficient specified friction modifier, or over-shimming of the clutch packs within Traction-Lok differentials.

ACTION

Install revised Clutch Pack Replacement Kit (F5ZZ-4947-BA for 7.5″ ring gear and F5AZ-4947-BA for 8.8″ ring gear), with improved friction material, in the differential after confirming the "chatter" concern with a road test of the vehicle. Refer to the Instruction Sheet within the kit for details.

NOTE

THE CLUTCH PACK REPLACEMENT KIT INCLUDES SELECTED SHIMS. IT WILL NOT REQUIRE THE ORDERING OF INDIVIDUAL SHIMS BASED UPON TEARDOWN MEASUREMENTS.

REAR AXLE ASSEMBLY IDENTIFICATION

See metal Service Identification tag for rear axle ring gear size and differential type. The identification tag is attached to the rear axle cover by means of a cover bolt.

The Clutch Pack Replacement Kit (F5ZZ-4947-BA) for the 7.5″ ring gear traction-lok rear axle contains the following:

- Two (2) Clutch Packs
- One (1) Pinion Shaft Lockbolt
- One (1) 4 oz. bottle of Friction Modifier
- Two (2) Shims - 0.025″ thick
- Two (2) Shims - 0.030″ thick
- Two (2) Shims - 0.035″ thick
- Two (2) Shims - 0.040″ thick
- Two (2) Shims - 0.045″ thick
- One (1) Instruction Sheet (I.S. #7145)

Article No. 96-12-9 Cont'd.

The Clutch Pack Replacement Kit (F5AZ-4947-BA) for the 8.8″ ring gear traction-lok rear axle contains the following:

- Two (2) Clutch Packs
- One (1) Pinion Shaft Lockbolt
- One (1) 4 oz. bottle of Friction Modifier
- Two (2) Shims - 0.025″ thick
- Two (2) Shims - 0.030″ thick
- Two (2) Shims - 0.035″ thick
- Two (2) Shims - 0.040″ thick
- Two (2) Shims - 0.045″ thick
- One (1) Instruction Sheet (I.S. #7146)

PART NUMBER	PART NAME
F5ZZ-4947-BA	Clutch Pack Replacement Kit - 7.5″ Ring Gear Traction-Lok Differential
F5AZ-4947-BA	Clutch Pack Replacement Kit - 8.8″ Ring Gear Traction-Lok Differential
EOAZ-19554-AA	242 Loctite Threadlocker
F1TZ-19580-B	High Performance Rear Axle Lubricant (For 8.8″Ring Gear Traction-Lok Differential - 1996 Explorer With 5.0L And 1993-94 Light Trucks With 4.10:1 Ratio)

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage For 1992-96 Vehicles And Basic Warranty Coverage For All Other Vehicles

OPERATION	DESCRIPTION	TIME
961209A	Replace Traction-Lok Differential Clutch Packs - Crown Victoria/Grand Marquis, Mustang, Town Car, E/F-150, Bronco, Aerostar, Explorer, Ranger	1.4 Hrs.
961209B	Replace Traction-Lok Differential Clutch Packs - Thunderbird/Cougar	2.9 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
4001	56

OASIS CODES: 509000, 597997, 702200, 702300