

- **ENGINE—5.0L—THRUST BEARING OR CRANKSHAFT PREMATURE WEAR—VEHICLES WITH AOD TRANSMISSION**
- **NOISE—“METAL-TO-METAL” SOUND—5.0L WITH AOD TRANSMISSION**
- **TRANSMISSION—AOD—INTERFERENCE BETWEEN THE TORQUE CONVERTER AND THE FLYWHEEL BOLTS**

**Article No.
92-18-6**

FORD: 1982-88 THUNDERBIRD
1982-90 MUSTANG
1986 LTD
1987-90 CROWN VICTORIA

LINCOLN-MERCURY: 1982-87 CAPRI, CONTINENTAL
1982-88 COUGAR
1982-90 TOWN CAR
1984-90 MARK VII
1987-90 GRAND MARQUIS

LIGHT TRUCK: 1982-90 BRONCO, E-150, E-250, F-150, F-250

This TSB article is being republished in its entirety to include the 1982-1987 Continental and the 1982-1990 Town Car.

ISSUE: An unusual “metal-to-metal” noise from the engine may be caused by the flexing of the torque converter. The flexing condition causes an interference between the torque converter and flywheel bolts. The interference can cause the thrust bearing and the crankshaft to wear prematurely and eventually fail.

ACTION: Install six (6) new flywheel bolts with reduced head height to provide additional clearance. Refer to the appropriate Shop Manual, 5.0L Engine Section, for service details.

NOTE: WHEN A CRANKSHAFT IS REPLACED DUE TO THRUST BEARING FAILURE, INSTALL A NEW CRANKSHAFT THAT HAS A REVISED PILOT HOLE. THIS WILL PROVIDE ADDITIONAL CLEARANCE FOR THE TORQUE CONVERTER. USE NEW FLYWHEEL BOLTS.

PART NUMBER	PART NAME	CLASS
F1AZ-6303-B	Crankshaft	B
F1ZZ-6379-A	Flywheel Bolts (6 Req.)	B

Article No. 92-18-6 Cont'd.	<ul style="list-style-type: none"> ● ENGINE—5.0L—THRUST BEARING OR CRANKSHAFT PREMATURE WEAR—VEHICLES WITH AOD TRANSMISSION ● NOISE—“METAL-TO-METAL” SOUND—5.0L WITH AOD TRANSMISSION ● TRANSMISSION—AOD—INTERFERENCE BETWEEN THE TORQUE CONVERTER AND THE FLYWHEEL BOLTS
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OTHER APPLICABLE ARTICLES: NONE

SUPERSEDES: 92-15-7

WARRANTY STATUS: Eligible Under Basic Warranty
Coverage, Major Component
Warranty Coverage,
Powertrain Warranty
Coverage

OPERATION	DESCRIPTION	TIME
921806A	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - Mustang	7.2 Hr.
921806B	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - Thunderbird/Cougar	7.1 Hr.
921806C	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - Crown Victoria/Grand Marquis	6.6 Hr.
921806D	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - E 150-250 All Models	10.3 Hr.
921806E	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - F 150-250 All 4X2 Models	8.6 Hr.
921806F	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - F 150-250 All 4X4 And Bronco Models	8.7 Hr.
921806G	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - Mark VII	9.0 Hrs.
921806H	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - Town Car	8.7 Hr.
921806I	Replace Thrust Bearings, Crankshaft And Flywheel Bolts - Continental	8.8 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
6303	56

OASIS CODES: 497000, 499000, 504000, 597997, 702000