

2002 Ford Mustang GT V8-4.6L SOHC VIN X

Vehicle > Technical Service Bulletins

ACCESSORY DRIVE BELT - SLIPS OFF PULLEY WHEN WET

Article No.

02-5-4

03/01/02

ENGINE - 4.6L - FRONT END ACCESSORY DRIVE (FEAD) BELT SLIPS OFF WATER PUMP PULLEY WHEN SPLASHED WITH WATER

FORD:

2001-2002 CROWN VICTORIA, MUSTANG

LINCOLN:

2001-2002 TOWN CAR

MERCURY:

2001-2002 GRAND MARQUIS

ISSUE

On some vehicles equipped with the 4.6L engine, the Front End Accessory Drive (FEAD) belt may hydroplane on the Water Pump pulley when the belt is splashed with water. This may cause the belt to track forward on the tensioner pulley. The belt may then slip off the tensioner pulley.

ACTION

Verify condition. Replace the Water Pump Pulley and/or Tensioner assembly as necessary. Refer to the following Service Information for details.

SERVICE INFORMATION

Refer to the appropriate Workshop Manual for disassembly and assembly of components. For Crown Victoria Police and Mustang GT manual built 12/19/2000 to 9/24/01: Replace the Tensioner with XR3Z-6B209-AB and Water Pump Pulley with 3W7Z-8509-M.

For Crown Victoria Police and Mustang GT manual built 9/25/01 to 2/11/2002 and vehicles that have had the original Short Housing Water Pump (models built January 2001 and later), replaced with a Long Housing Water Pump YW7Z-8501-M and flanged Water Pump Pulley part number F6ZZ-8509-AA:

Replace only the Tensioner assembly with XR3Z-6B209-AB. Do not replace the Water Pump Pulley or Water Pump.

For Crown Victoria, Grand Marquis, Town Car, Mustang Cobra manual, and Mustang GT automatic built 12/19/2000 to 2/11/2002: Replace Water Pump Pulley with 3W7Z-8509-AA and Tensioner with XR3Z-6B209-AB.

FEAD belts may require replacement if damaged or missing. Check the belt for cuts, abrasions, and cracks through the bottom of the ribs. If these conditions are evident, replace the belt.

PART NUMBER	PART NAME
XR3Z-6B209-AB	Tensioner
3W7Z-8509-AA	Pulley - Water Pump
1W7Z-8620-AA	FEAD Belt - Town Car, Crown Victoria/Grand Marquis
1R3Z-8620-BA	FEAD Belt - Mustang

Parts Block

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: INFORMATION ONLY

OASIS CODES: 402000, 497000, 499000