

1999 Ford Mustang GT V8-4.6L SOHC VIN X

Vehicle > Technical Service Bulletins

## A/T - 4R70W TCIL ON/CODE P0782/DELAYED/NO 2-3 UPSHIFT

Article No.

99-18-5

09/06/99

^ TRANSMISSION CONTROL INDICATOR LAMP  
(TCIL) - TCIL ILLUMINATED WITH DIAGNOSTIC  
TROUBLE CODE (DTC) P0782 STORED IN  
MEMORY - VEHICLES BUILT BETWEEN 3/15/1997  
AND 12/31/1998 AND WITH 4R70W TRANSMISSION

^ TRANSMISSION - 4R70W - DELAYED OR NO 2-3  
UPSHIFT - VEHICLES BUILT BETWEEN 3/15/1997  
AND 12/31/1998

FORD:

1997-1999 CROWN VICTORIA, MUSTANG, ECONOLINE, EXPEDITION, EXPLORER, F-150, F-250 LD

LINCOLN:

1997-1998 MARK VIII

1997-1999 TOWN CAR

MERCURY:

1997-1999 GRAND MARQUIS, MOUNTAINEER

This TSB article is being republished in its entirety to revise the Service Procedure.

### ISSUE

A perceived 2-3 delayed upshift, primarily when the transmission is cold, may be evident on some vehicles. The Powertrain Control Module (PCM) strategy is designed to delay shifts in some vehicles when Transmission Fluid Temperature (TFT) is below approximately 21°C (70°F) for taster heater warmup. The 2-3 shift may be delayed approximately 14-24 km/h (9-15 mph) when compared to the shift speed charts listed in the appropriate Service or Workshop Manual. A leaking 2-3 accumulator may cause Diagnostic Trouble Code (DTC) P0782.

### ACTION

Verify if delayed upshift is normal cold shift scheduling or a possible leak past the large diameter 2-3 accumulator seal. Refer to the following Service Procedure for details.

### SERVICE PROCEDURE

1. Using New Generation Star (NGS) Tester, perform all self tests and record DTCs.
2. Monitor rpm, and gear command Parameter Identification Displays (PIDs) with the NGS Tester during the 2-3

shift.

3. If engine rpm decreases within 1-2 seconds after the gear command has changed on the NGS Tester, then vehicle has upshifted properly and no repair is necessary. If engine rpm does not drop within 1-2 seconds, continue to Step 4.

4. If engine rpm does not drop when the PCM commands third gear, then replace the 2-3 accumulator piston using the revised Accumulator Piston (F7AZ-7H292-AB). Refer to the appropriate Service or Workshop Manual for replacement procedure.

PART NUMBER PART NAME F7AZ-7H292-AB Accumulator Piston

OTHER APPLICABLE ARTICLES: NONE

SUPERSEDES: 99-1-3

WARRANTY STATUS: Eligible Under the Provisions Of Bumper To Bumper Warranty Coverage

OPERATION DESCRIPTION TIME 991805A Replace Accumulator 1.8 Hrs. Piston Per Service Procedure (Includes Diagnosis) 991805B Diagnosis Only (Do Not 0.8 Hr. Use With Operation A)

DEALER CODING

CONDITION BASIC PART NO CODE 7H292 42

OASIS CODES: 501000, 504000