

1999 Ford Mustang GT V8-4.6L SOHC VIN X

Vehicle > Technical Service Bulletins

PCM - HESITATION BACKFIRES WHEN COLD

Article No.

01-1-9

01/22/01

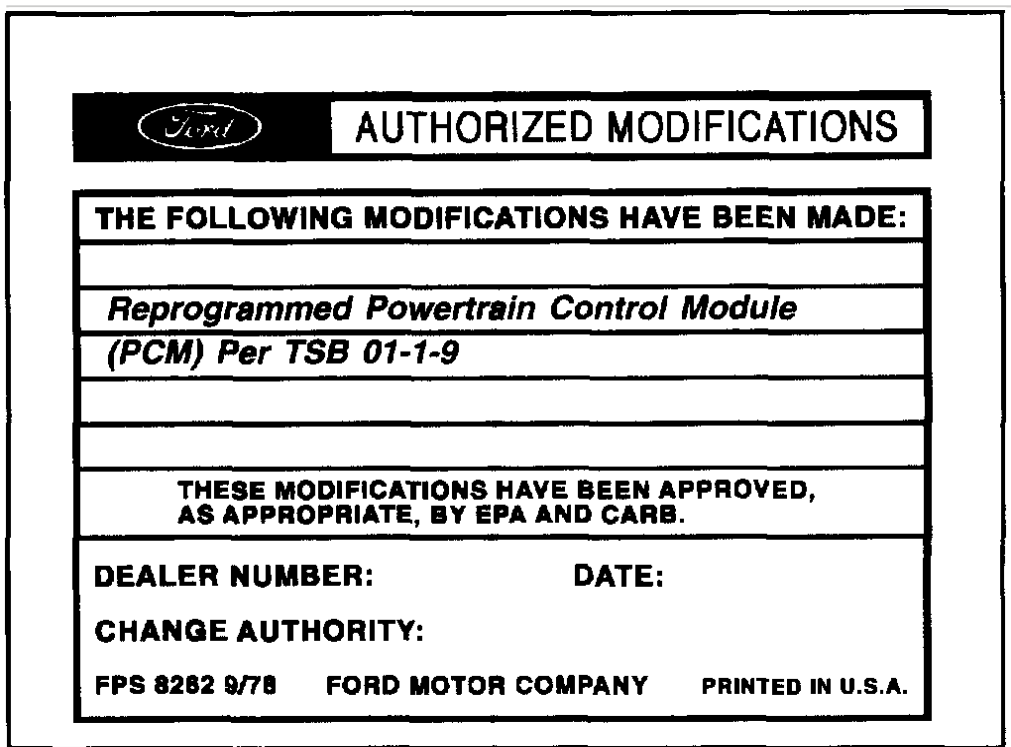
DRIVEABILITY - HESITATION WHEN COLD - WITH NO
 DIAGNOSTIC TROUBLE CODES (DTC) PRESENT -
 VEHICLES EQUIPPED WITH 4.6L ENGINE AND
 MANUAL TRANSMISSION

FORD:

1999-2000 MUSTANG

ISSUE

Some vehicles may exhibit a hesitation and in some cases engine backfiring through the induction system on cold starts (27°C/80°F and colder) with no diagnostic trouble codes (DTC) present. The hesitation is exhibited on a low speed, high load condition. This may be caused by the calibration of the Powertrain Control Module (PCM).



Obtain an Authorized Modifications Decal (FPS 8262 - obtainable through DOES II, 25/pkg) and list the date, dealer number, and summary of modifications performed. Select a prominent place adjacent to the Vehicle Emission Control Information Decal suitable for installing the Authorized Modifications Decal. Clean the area, install the decal, and cover it with a clear plastic decal shield.

ACTION

PCM CALIBRATION INFORMATION						
Application	Old Part Number (-12A650-)	Tear Tag	New Part Number (-12A650-)	Old Calibration	New Calibration	NGS/WDS Qualifier
1999 - 4.6L 2V T-45, Fed., 16 inch tires	XR3F-ZD	FTL3	XU7Z-AAA	9VXM-AAC	9VXM-AAC	N/A use WDS
1999 - 4.6L 2V T-45, Fed., 17 inch tires	XR3F-AAD	GTG3	XU7Z-ABA	9VXM-ABC	9VXM-ABC	N/A use WDS
1999 - 4.6L 2V T-45, Calif., 16 inch tires	XR3F-ABE	HJX4	XU7Z-ACA	9VMM-BAD	9VMM-BAD	N/A use WDS
1999 - 4.6L 2V T-45, Calif., 17 inch tires	XR3F-ACE	JKU4	XU7Z-ADA	9VXM-BBD	9VXM-BBD	N/A use WDS
2000 - 4.6L 2V T-45, Calif., 16 inch tires	YR3F-DA	KPL0	YU7Z-CMA	0ZE2GB0B00	0ZE2GB0B00	N/A use WDS
2000 - 4.6L 2V T-45, Calif., 17 inch tires	YR3F-EA	JRX0	YU7Z-CNA	0ZE2GAB0B0	0ZE2GA0B00	N/A use WDS

If condition is verified and normal diagnosis cannot pinpoint condition, reprogram the PCM to the latest level calibration. Refer to the PCM Calibration Information Chart as shown. Refer to the appropriate year Mustang Workshop Manual for reprogramming procedures.

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: INFORMATION ONLY

OASIS CODES: 807000, 607400, 608000, 608400, 609000, 609400, 611000, 611500, 613000, 613400