

2000 Ford Mustang V6-3.8L VIN 4

Vehicle > Technical Service Bulletins

SPEEDOMETER DEFECTIVE,, 4X4 LAMP ON, DTCS P1635/P1639

Article No.

00-14-2

Date

7/10/00

^ DIAGNOSTIC TROUBLE CODE (DTC) - P1635 AND/OR P1639 PRESENT AFTER POWERTRAIN CONTROL MODULE (PCM) OR INSTRUMENT CLUSTER REPLACEMENT - GASOLINE ENGINE VEHICLES ONLY

^ LAMP - 4X4 LAMP ILLUMINATED AFTER POWERTRAIN CONTROL MODULE (PCM) OR INSTRUMENT CLUSTER REPLACEMENT - GASOLINE ENGINE VEHICLES ONLY

^ SPEEDOMETER - INACCURATE AND/OR INOPERATIVE AFTER POWERTRAIN CONTROL MODULE (PCM) OR INSTRUMENT CLUSTER REPLACEMENT - GASOLINE ENGINE VEHICLES ONLY

FORD:

1999-2000 MUSTANG, EXPEDITION, F-150, F-250

2000 ECONOLINE

LINCOLN:

1999-2000 TOWN CAR, NAVIGATOR

This TSB is being republished in its entirety to update the vehicles affected.

ISSUE

Some vehicles may exhibit an inoperative or inaccurate speedometer, 4X4 lamp illuminated, and/or Diagnostic Trouble Codes (DTCs) P1635 or P1639 present after a Powertrain Control Module (PCM) or instrument cluster replacement.

ACTION

This may be caused by the PCM Vehicle Identification (VID) block not being updated. The following Service Procedure should be used along with the Worldwide Diagnostic System (WDS) to update the VID block.

SERVICE PROCEDURE

1. To perform this procedure, turn on WDS, wait for full boot-up and undock WDS.
2. Enter user information (will need to have blue car icon at top of screen).
3. Select "16 pin", all except those below, press tic.

4. Make connections as shown, press tic. WDS will display the message "Network Test or Running Data Collection" in the bottom box. When finished, it will display the vehicle configuration; select yes if correct.
5. Enter or skip vehicle/dealer information and press tic.
6. Select the toolbox from the icon menu.
7. Select Module Programming and press tic.
8. Select Programmable Parameters, Powertrain and press tic. A list will pop up displaying VID block options that can be changed. The options include Tire Size, Axle Ratio, 4X4/4X2, and manual/electronic shift on the fly (ESOF). The formula for revolutions per mile (rev/mile) is 63,360 divided by the circumference of the tire in inches.
9. Select the correct attributes per vehicle application and follow WDS prompts to complete procedure.
10. Once the VID has been updated, clear any codes and test-drive to verify procedure was accepted.

OTHER APPLICABLE ARTICLES: NONE

SUPERSEDES: 00-12-2

WARRANTY STATUS: Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage And Emissions Warranty Coverage

OPERATION DESCRIPTION TIME 001402A Reprogram Vehicle 0.6 Hr. Identification (VID)/Speedometer Using Worldwide Diagnostic System (WDS)

DEALER CODING CONDITION BASIC PART NO. CODE 12A650 42

OASIS CODES: 203000, 203200, 204000, 204100, 204200, 206000, 508000, 601300, 602300, 603300, 613000