

2002 Ford Mustang GT V8-4.6L SOHC VIN X

Vehicle > Technical Service Bulletins

EMISSIONS - MIL ON/DRIVEABILITY ISSUES/DTC'S SET

Article No.

04-11-1

06/08/2004

DRIVEABILITY - STREAMLINED DIAGNOSTIC
PROCEDURE FOR VEHICLES WITH MIL ON AND
DTCS P0401, P0402, P1400 OR P1401 - ADDITIONAL
SYMPTOMS MAY INCLUDE RUNS ROUGH, LACKS
POWER, SURGE, POOR FUEL ECONOMY

FORD:

2000-2002 TAURUS

2001-2002 CROWN VICTORIA, FOCUS, MUSTANG

2001 EXPLORER USPS

2001-2002 E SERIES, ESCAPE, EXPEDITION, EXPLORER SPORT TRAC, EXPLORER SPORT, F-150, RANGER,
WINDSTAR

2002-2003 EXPLORER

LINCOLN:

2001-2002 TOWN CAR

MERCURY:

2000-2002 SABLE

2001-2002 COUGAR, GRAND MARQUIS

2002-2003 MOUNTAINEER

This article supersedes TSB 04-3-1 to update service part information and applications.

ISSUE

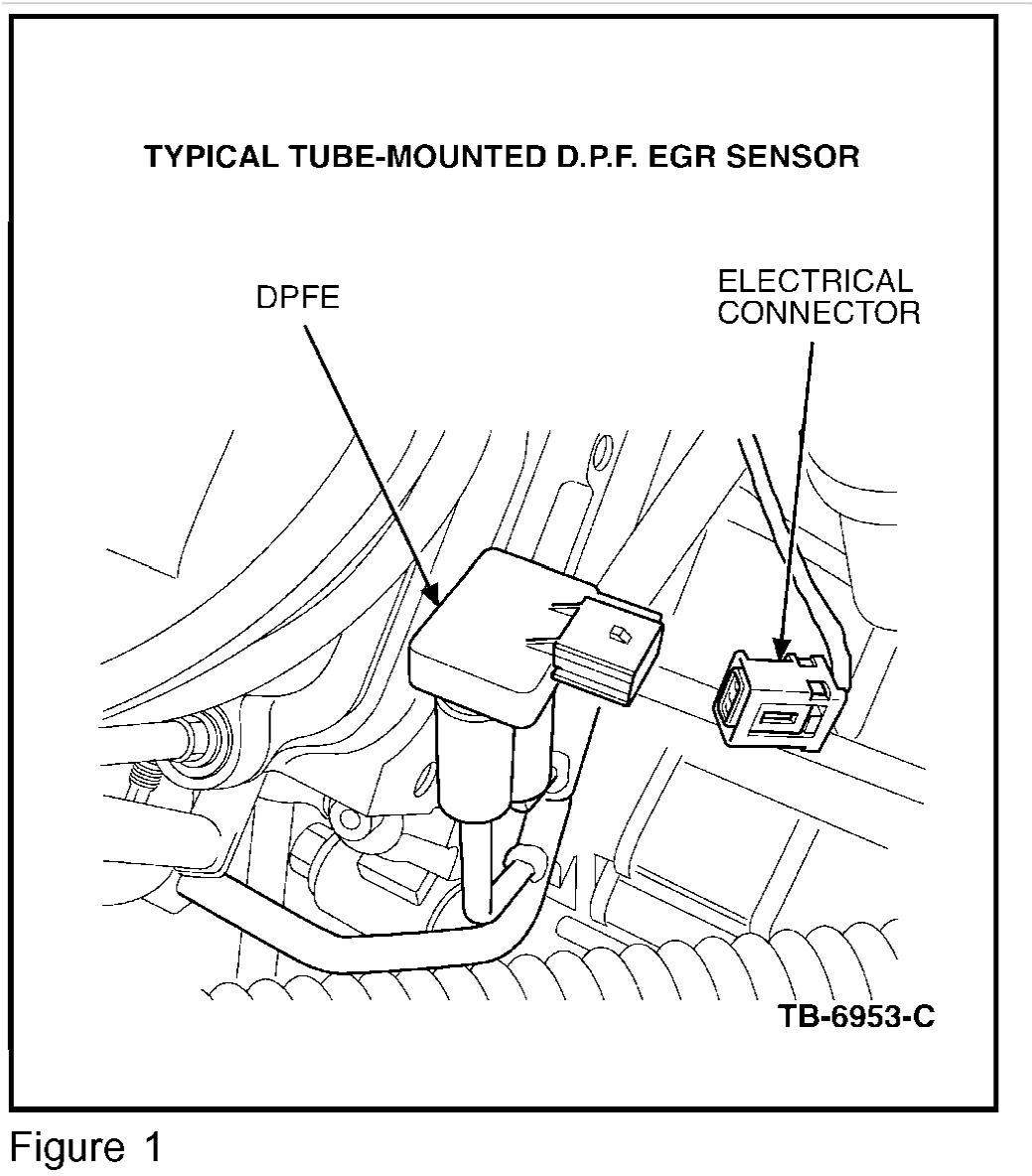


Figure 1

Some vehicles may exhibit a malfunction indicator lamp (MIL) "ON" with or without the following symptoms: Rough Running, Lack of Power, Surge or Poor Fuel Economy, along with diagnostic trouble codes (DTC's) P0401, P0402, P1400 or P1401. This may be caused by an intermittently functioning tube-mounted delta pressure feedback EGR (DPFE) sensor (Figure 1).

ACTION

For vehicles equipped with a tube-mounted DPFE sensor, perform the following diagnostic procedure and repair action. This procedure supersedes the diagnostic procedure in the PC/ED Manual for the issue described above.

NOTE

ALL LISTED APPLICATIONS CAN NOW BE SERVICED WITH DPFE SENSOR 4U7Z-9J460-AA

ENGINE APPLICATION CHART			
Model Year	Vehicle Line	Engine	Part
2001-2002	Cougar	2.5L DOHC	4U7Z-9J460-AA
2001-2002	Crown Victoria/Grand Marquis	4.6L SOHC	4U7Z-9J460-AA
2001-2002	Econoline	4.2L OHV	4U7Z-9J460-AA
2001	Econoline	4.6L SOHC	4U7Z-9J460-AA
2001-2002	Escape	2.0L Zetec and 3.0L DOHC	4U7Z-9J460-AA
2001-2002	Expedition	4.6L SOHC	4U7Z-9J460-AA
2002-2003	Explorer 4dr/Mountaineer	4.6L SHOC	4U7Z-9J460-AA
2002	Explorer 4dr/Mountaineer	4.0L SOHC	4U7Z-9J460-AA
2001-2002	Explorer Sport	4.0L SOHC	4U7Z-9J460-AA
2001-2002	Explorer Sport Trac	4.0L SOHC	4U7Z-9J460-AA
2001	Explorer USPS	4.0L SOHC	4U7Z-9J460-AA
2001-2002	Focus	2.0L Zetec	4U7Z-9J460-AA
2001-2002	F-Series	4.2L OHV and 4.6L SOHC	4U7Z-9J460-AA
2001-2002	Mustang	3.8L OHV	4U7Z-9J460-AA
2001-2002	Ranger	4.0L SOHC	4U7Z-9J460-AA
2000-2002	Taurus/Sable	3.0L DOHC	4U7Z-9J460-AA
2001-2002	Taurus/Sable	3.0L OHV and FFV	4U7Z-9J460-AA
2001-2002	Town Car	4.6L SOHC	4U7Z-9J460-AA
2001-2002	Windstar	3.8L OHV	4U7Z-9J460-AA

NOTE

THIS ARTICLE APPLIES TO THE FULL MODEL YEAR FOR ALL VEHICLES SHOWN EXCEPT THE FOLLOWING:

- ^ 2002 Taurus/Sable 3.0L DOHC - Built After May 2002
- ^ 2002 Taurus/Sable 3.0L OHV - Built After February 2002
- ^ 2002 Econoline And F-150 4.2L OHV - Built After April 9, 2002
- ^ 2003 Explorer 4dr/Mountaineer 4.6L SOHC - Built After February 2, 2003

SERVICE PROCEDURE

1. Retrieve continuous DTC(s).
2. If P0401, P0402, P1400 or P1401 are present, turn ignition OFF and replace the DPFE sensor.
3. Clear continuous DTC(s).
4. Perform key on engine off (KOEO) and key on engine running (KOER) self-test.

LABOR OPERATION CLAIMING CHART			
Operation	Labor Description	Vehicle	Time
041101A	Retrieve Diagnostic Trouble Codes, Replace Tube Mounted Delta Pressure Feedback Sensor (DPFE), Clear Continuous DTC's And Perform KOEO And KOER Retest	2001-2002 Escape 2.0L Zetec	0.4
		2001-2002 Escape 3.0L DOHC	0.4
		2001-2002 Focus 2.0L Zetec	0.4
		2001-2002 Cougar 2.5L DOHC	0.4
		2000-2002 Taurus/Sable 3.0L DOHC	0.4
		2001-2002 Taurus/Sable 3.0L OHV and FFV	0.4
		2001-2002 Mustang 3.8L OHV	0.4
		2001-2002 Windstar 3.8L OHV	0.4
		2001-2002 Explorer Sport 4.0L SOHC	0.4
		2001-2002 Explorer Sport Trac: 4.0L SOHC	0.4
		2002 Explorer/Mountaineer 4.0L SOHC	0.4
		2001 Explorer USPS 4.0L SOHC	0.4
		2001-2002 Ranger 4.0L SOHC	0.4
		2001-2002 Econoline 4.2L OHV	0.6
		2001-2002 F-Series 4.2L OHV	0.4
		2001-2002 Crown Victoria/Grand Marquis 4.6L SOHC	0.5
		2001 Econoline 4.6L SOHC	0.6
		2001-2002 Expedition 4.6L SOHC	0.5
		2001-2002 F-Series 4.6L SOHC	0.4
		2001-2002 Town Car: 4.6L SOHC	0.6
		2002-2003 Explorer/Mountaineer 4.6L SOHC	0.5

Labor Operations

PART NUMBER	PART NAME
4U7Z-9J460-AA	DPFE Sensor

Parts Block

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS:

Eligible Under The Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage.

DEALER CODING CONDITION BASIC PART NO. CODE 9J460 42

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle.

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