

1999 Ford Mustang GT V8-4.6L SOHC VIN X

Vehicle > Technical Service Bulletins

PCM - REPROGRAMMING OUT OF VEHICLE

Article No.

99-4-3

03/08/99

REPROGRAMMING POWERTRAIN CONTROL
MODULES (PCMS) - OUT-OF-VEHICLE - EEC V
VEHICLES ONLY

FORD:

1994-97 THUNDERBIRD

1994-99 MUSTANG

1995-99 CROWN VICTORIA

1996-97 PROBE

1996-99 CONTOUR, ESCORT, TAURUS

LINCOLN-MERCURY:

1994-97 COUGAR

1995-99 CONTINENTAL, GRAND MARQUIS, TOWN CAR

1996-98 MARK VIII

1996-99 MYSTIQUE, SABLE, TRACER

1999 COUGAR

LIGHT TRUCK:

1994-97 F SUPER DUTY, F-250 HD, F-350

1995-99 ECONOLINE, RANGER, WINDSTAR

1996 BRONCO

1996-97 AEROSTAR

1996-99 EXPLORER, F-150, F-250 LD

1997-99 EXPEDITION, MOUNTAINEER

1998-99 NAVIGATOR

1999 SUPER DUTY F SERIES

This TSB article is being republished in its entirety to update the affected vehicles and to include an Application Chart for the affected vehicles.

ISSUE

The Federal Environmental Protection Agency (EPA) has mandated that all aftermarket service centers shall be able to either reprogram Powertrain Control Modules (PCMs) or obtain reasonably priced, timely PCM programming services at dealerships. Ford has released an out-of-vehicle EEC V reprogramming cable to support this requirement. Also, PCMs are reprogrammable to update calibration levels or to reprogram a common hardware type to a new calibration in order to fill a service need without ordering a new PCM.

APPLICATION		
Model Years	Vehicle	Engine
1996-97	Aerostar	All
1996	Bronco	All
1995-99	Continental	All
1996-99	Contour	All
1994-97	Cougar	4.6L
1996-97	Cougar	3.8L
1999	Cougar	All
1995-99	Crown Victoria	All
1997-99	Econoline	4.2L, 4.6L, 5.4L, 6.8L
1996	Econoline	4.9L, 5.0L, 5.8L, 7.5L
1995-99	Econoline	7.3L DIT
1996	Escort	1.9L
1997-99	Escort	2.0L
1997-99	Expedition	All
1996-99	Explorer	All
1997-99	F-Series	4.2L, 4.6L, 5.4L
1996-97	F-Series	5.8L, 7.5L
1996	F-Series	4.9L, 5.0L
1994-99	F-Series	7.3L DIT
1999	F-Series	6.8L
1995-99	Grand Marquis	All
1996-98	Mark VIII	All
1997-99	Mountaineer	All
1994-99	Mustang	3.8L
1996-99	Mustang	4.6L
1996-99	Mystique	All
1998-99	Navigator	All
1996-97	Probe	2.0L
1995-99	Ranger	All
1996-99	Sable	All
1996-99	Taurus	All
1994-97	Thunderbird	4.6L
1996-97	Thunderbird	3.8L
1995-99	Town Car	All
1996	Tracer	1.9L
1997-99	Tracer	2.0L
1995-99	Windstar	All

ACTION

Refer to the Application Chart in this article to use the new 15- to 104-Pin Flash Cable to handle all necessary out-of-vehicle programming of EEC V modules in the vehicles listed. This may allow added flexibility in servicing aftermarket and fleet accounts as well as provide the ability to have modules updated to new calibrations through

the Parts Department instead of ordering new parts.

Currently, EEC V modules must be installed in a vehicle to reprogram a new calibration in the module. An aftermarket service center may bring a module to a dealership for a calibration update or may request an updated calibration be installed to a new service part. The EPA regulations require "reasonably priced, timely service" be provided by the dealer. The new 15- to 104-Pin Flash Cable works with the New Generation Star (NGS) Tester to provide the capability to reprogram a calibration on a PCM out of the vehicle.

The 15- to 104-Pin Flash Cable connects between the NGS Tester and PCM 104-pin connector. The proper calibration must be downloaded to the Data Transfer Card through Service Bay Technical System (SBTS). Once the card is inserted into the NGS Tester and the cable is connected, follow the calibration download instructions displayed on the NGS screen.

The 15- to 104-Pin Flash Cable (007-00587) can be ordered from Rotunda by calling 1-800-ROTUNDA.

OTHER APPLICABLE ARTICLES: NONE

SUPERSEDES: 98-26-3

WARRANTY STATUS: INFORMATION ONLY

OASIS CODES: 203000, 206000, 290000, 690000, 698298