

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-322
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1987 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HFM2.3V5FFG7	140 (2.3)	Exhaust Gas Recirculation Three-Way Catalysts (Two) Heated Oxygen Sensor (Electronic Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
0.39	7.0	0.7

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.13	1.8	0.3

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

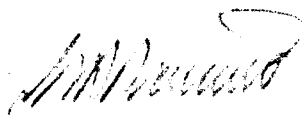
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.) and with Health and Safety Code Section 43204.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 10th day of September, 1986.


K. D. Drachand, Chief
Mobile Source Division

Manufacturer FORD Executive Order No. A-10-322
 Engine Family HFM2.3V5FFG7 Evaporative Family 7HM
 Engine CID (Liters) 140 (2.3)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three-Way Catalyst System

Special Feature

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharger

VEHICLE MODELS:

<u>Vehicle Line</u>	<u>Body Type (Cab Style)</u>	<u>Body Code (Wheelbase)</u>
Mustang	2-Door	66B
	3-Door	61B
	Convertible	B2L

Front Engine/Rear Wheel Drive

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Ford Motor Company Page 2 of 3

Engine Family HFM2.3V5FFG7 Engine Code 7-05A-R10A/N

ECS (Special Features) EC/TWC/EGR CID (Liter)-Type 140 (2.3) I-4

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System -12A650- Part No.	Fuel System -9F593- Part No.	EGR Valve -9F483- Part No.	Label Ident. -9C485- Part No.
7-05A-R10A/N	Mustang 61B A/C 9.4 (non-A/C 8.5)	M5X397	3125	E7TF-BB	E59E-AB	E7ZE-AA	E7AE-CBE
	Mustang 66B A/C 9.7 (non-A/C 8.8)	M5X397	3125				
	Mustang B2L A/C 9.6 (non-A/C 8.7)	M5X397	3250				

Comments: See page one for abbreviations and evaporative emission family identification.

64

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Ford Motor Company

Page Page 3 of 3

Engine Family HFM2.3V5FFG7

Engine Code 7-06A-R00A/N

ECS (Special Features) PC/TWC/EGR (EFI)

CID (Liter)- 140 (2.3)
Type I-4

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Rp)	Trans.	Equiv. Test Weight	Ign. System -12A650- Part No.	Fuel System -9F593- Part No.	EGR Valve -9F483- Part No.	Label Ident. -9C485 Part No.
7-06A-R00A/N	Mustang 61B A/C 9.4 (non-A/C 8.5)	A4X023	3125	E7TF-CA	E59E-AB	E7ZE-AA	E7AE-CBE
	Mustang 66B A/C 9.7 (non-A/C 8.8)	A4X023	3125				
	Mustang B2L A/C 9.6 (non-A/C 8.7)	A4X023	3375 3250				

Comments: See page one for abbreviations and evaporative emission family identification.