State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-295
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 1986 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
GFM3.8V5HHC6	(231)	3.8	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Central 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:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0.39	7.0	0.7

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.31	3.7	0.4

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 Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

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 1st day of July, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company

Executive Order No. A-10-295

Engine Family GFM3.8V5HHC6

Evaporative Family 6FM

Engine CID (Liters) 231 (3.8)

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 Featur

CCV-Combustion Chamber V
CFI-Central Fu Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechambe
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharge

VEHICLE MODELS:

Vehicle Line	Body Type (Cab Style)	Body Code (Wheelbase)
LTD	4-Dr Sedan	LTD, LTD Brougham
	4-Dr Wagon	LTD, LTD Squire
Mustang	3-Dr Hatch.	Mustang LX
	2-Dr Sedan	Mustang LX
	2-Dr Convt.	Mustang LX
Thunderbird	2-Dr Sedan	T'Bird, T'Bird Elan
Capri	3-Dr Hatch.	Capri GS
Cougar	2-Dr Sedan	Cougar, Cougar LS
Marquis	4-Dr Sedan	Marquis, Marquis Brougham
	4-Dr Wagon	Marquis

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

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

Manufacturer Ford Motor Company Page 2

Engine Family GFM3.8V5HHC6 Engine Code See Below

ECS (Special Features) EEC/EGR/EGS/AIP/TWC/CFI CID (Liter)-Type 231 (3.8L) - V6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System -12A650- Part No.	Fuel System -9C973- Part No.	EGR Valve -9F483- Part No.	Label Ident. -9C485- Part No.
5-16P-R10A	Mustang 61B Mustang 66B Mustang B2L Capri 61D	C5-020 (A3)	3250 3250 3375 3375	E53F--ASA	E5SE--KA or E6SE--BA	E4AE--AA or E4AE--AB or E4AE--AC	E6AE--ABB
	Mustang 61B Mustang 66B Mustang B2L Capri 61D	AOX066 (A4)	3375 3250 3500 3375		E5SE--JA or E6SE--AA		
5-16P-R10N	Mustang 61B Mustang 66B Mustang B2L Capri 61D	C5-020 (A3)	3250 3250 3375 3250		E5SE--KA or E6SE--BA		
	Mustang 61B Mustang 66B Mustang B2L Capri 61D	AOX066 (A4)	3250 3250 3375 3250		E5SE--JA or E6SE--AA		
5-16N-R11A	LTD 54D LTD 74D Marquis 54D Marquis 74D Thunderbird63D Cougar 66D	C5-020 (A3)	3375 3500 3375 3500 3500 3500	E53F--APB	E5SE--KA or E6SE--BA		E6AE--ABL
	LTD 54D LTD 74D Marquis 54D Marquis 74D Thunderbird63D Cougar 66D	AOX066 (A4)	3375 3500 3500 3500 3500 3500		E5SE--JA or E6SE--AA		
5-16N-R11N	LTD 54D LTD 74D Marquis 54D Marquis 74D Thunderbird63D Cougar 66D	C5020 (A3)	3375 3500 3375 3500 3375 3375		E5SE--KA or E6SE--BA		
	LTD 54D LTD 74D Marquis 54D Marquis 74D Thunderbird63D	AOX066 (A4)	3375 3500 3375 3500 3500		E5SE--JA or E6SE--AA		

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Engine Family GFM3.8V5HHC6

Engine Code See Below

ECS (Special Features) EEC/EGR/EGS/AIP/TWC/CFI

CID (Liter)-Type 231 (3.8L) - V6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System -12A650- Part No.	Fuel System -9C973- Part No.	EGR Valve -9F483- Part No.	Label Ident. -9C485- Part No.
6-16N-R02A	LTD 54D	C5-058 (A3)	3375	E63F--BA	E5SE--KA or E6SE--BA	E4AE--AA or E4AE--AC	E6AE--AET
	LTD 74D		3500				
	Marquis 54D		3375				
	Marquis 74D		3500				
	Mustang 61B		3250				
	Mustang 66B		3250				
	Mustang B2L		3375				
	Capri 61D		3375				
	Thunderbird63D		3500				
	Cougar 66D		3500				
	LTD 54D	AOX066 (A4)	3375		E5SE--JA or E6SE--AA		
	LTD 74D		3500				
	Marquis 54D		3500				
	Marquis 74D		3500				
	Mustang 61B		3375				
	Mustang 66B		3250				
	Mustang B2L		3500				
	Capri 61D		3375				
	Thunderbird63D		3500				
	Cougar 66D		3500				
6-16N-R02N	LTD 54D	C5-058 (A3)	3375		E5SE--KA or E6SE--BA		
	LTD 74D		3500				
	Marquis 54D		3375				
	Marquis 74D		3500				
	Mustang 61B		3250				
	Mustang 66B		3250				
	Mustang B2L		3375				
	Capri 61D		3250				
	Thunderbird63D		3375				
	Cougar 66D		3375				
	LTD 54D	AOX066 (A4)	3375		E5SE--JA or E6SE--AA		
	LTD 74D		3500				
	Marquis 54D		3375				
	Marquis 74D		3500				
	Mustang 61B		3250				
	Mustang 66B		3250				
	Mustang B2L		3375				
	Capri 61D		3250				
	Thunderbird63D		3500				
	Cougar 66D		3500				

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

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Engine Family GFM3.8V5HHC6

Engine Code 6-16B-R10A/N

ECS (Special Features) EGR/EEC/EGS/AIP/TWC/CFI

CID (Liter)-Type 231 (3.8L) V6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System -12A650- Part No.	Fuel System -9C973- Part No.	EGR Valve -9F483- Part No.	Label Ident. -9C485- Part No.
6-16B-R10A	Mustang 61B Mustang 66B Mustang B2L Capri 61B Thunderbird 63D Cougar 66D	AOX066 (A4)	3250 3250 3375 3250 3500 3500	E63F--ADA or E63F--ADB	E6SE--AA	E4AE--AA or E4AE--AC	E6AE--ALZ
6-16B-R10N	Mustang 61B Mustang 66B Mustang B2L Capri 61B Thunderbird 63D Cougar 66D		3250 3250 3375 3250 3375 3500				