State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-308
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)
GFM2.5V5HCH8	140/150 (2.3/2.5)	Air Injection - Valve 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
0.21	2.4	0.6

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 18th day of October, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company **Executive Order No.** A-10-308

Engine Family GFM2.5V5HCH8 **Evaporative Family** 6FM

Engine CID (Liters) 140 (2.3) 150 (2.5)

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 Features

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)
Tempo	4-Door	54D
	4-Door	66D
Topaz	4-Door	54D
	4-Door	66D
Taurus	4-Door	54D
	Station Wagon	74D
Sable	4-Door	54D

DRIVE SYSTEM: Front **Engine/** Front **-Wheel Drive**

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E.O. #A-10-308

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family GFM2.5V5HCH8

Engine Code 5-25Q-R10 A/N

ECS (Special Features) EGR/EGS/AIV/TWC/FI

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

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Rp)	Trans. MTX-360C	Equiv. Test Weight	Ign. System 12A650 Part No.	Fuel System 9F483 Part No.	EGR Valve 9C485 Part No.	Label Ident. Part N
5-25Q-R10N	Tempo-66D (A/C 6.9) (Non-A/C 6.3)	MTX360C (M5)	2750	E53F-GC	E63E-EA	E53E-AC	E6AE-AHV
5-25Q-R10A	Tempo-66D (A/C-6.9) (Non-A/C 6.3)		2875				
5-25Q-R10A/N	Tempo-54D (A/C - 6.9) (Non-A/C 6.3)						
5-25Q-R10A/N	Topaz-66D (A/C-6.9) (Non-A/C 6.3)						
5-25Q-R10N	Topaz-54D (A/C-6.9) (Non-A/C 6.3)						

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x Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles x Gas sel

Manufacturer Ford Motor Company

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Engine Family GFM2.5V5HCH8

Engine Code 6-25Q-R10 A

ECS (Special Features) EGR/EGS/AIV/TWC/FI

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

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans. MTX-360C	Equiv. Test Weight	Ign. System 12A650 Part No.	Fuel System 9F483 Part No.	EGR Valve 9F483 Part No.	Label Ident. 9C485 Part No.
6-25Q-R10N	Tempo-66D (A/C 6.9) (Non-A/C 6.3)	MTX360C	2750	E63F-XB	E63E-EA	E53E-AC	E6AE-AJY
6-25Q-R10A	Tempo-66D (A/C-6.9) (Non-A/C 6.3)		2875				
6-25Q-R10A/N	Tempo-54D (A/C - 6.9) (Non-A/C 6.3)						
6-25Q-R10A/N	Topaz-66D (A/C-6.9) (Non-A/C 6.3)						
6-25Q-R10N	Topaz-54D (A/C-6.9) (Non-A/C 6.3)						

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1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer: Ford Motor Company

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Engine Family: GFM2.5V5HCH8

Engine Code: 5-25P-R00A/N

ECS (Special Features): EGR/EGS/AIV/TWC/CAFE

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

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans. MTX 321B	Equiv. Test Weight	Ign. System 12A650 Part No.	Fuel System 9C973 Part No.	EGR Valve 9F483 Part No.	Label Ident. 9C485 Part No.
5-25P-R00A/N	Tempo-66D A/C 6.9 Non-A/C 6.3	M5	2875	E53F-MA	E63E-GA	E53E-AC	E6AE-AHY
"	Tempo-54D A/C 6.9 Non-A/C 6.3						
"	Topaz 66D A/C 6.9 Non-A/C 6.3						
5-25P-R00N	Topaz 54D Non A/C 6.3						
5-25P-R00A	Topaz 54D A/C 6.9		3000				

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

Manufacturer Ford Motor Company

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Engine Family GFM2.5V5HCH8

Engine Code 6-20S-R10A/N

ECS (Special Features) EGR/EGS/AIV/TWC/FI

CID (Liter)-Type 2.5

Engine Code		Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part N
6-20S-R10	N	Taurus-54D (Non-A/C-5.6	AT-038	3125				
	A	Taurus-54D (A/C-6.2)		3250				
	N	Sable-54D (Non-A/C-5.6)		3250				
	A	Sable-54D (A/C-6.2)		3375				

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

Manufacturer Ford Motor Company

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Engine Family GFM2.5V5HCH8

Engine Code 6-19S-R10A/N

ECS (Special Features) EGR/EGS/AIV/TWC/FI

CID (Liter)-Type 2.5

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part N
6-19S-R10N	Taurus-54D (A/C-6.2)	MTX360C	3125				
6-19S-R10A	Taurus-54D (A/C-6.2)		3250				
6-19S-R10A N	Taurus-74D (A/C-7.5) (Non-A/C-6.8)		3375				