

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-299  
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:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
GFM3.0V5FED2	182 (3.0)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (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>
0.15	2.4	0.5

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".

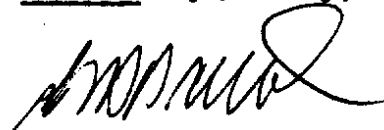
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

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 26<sup>th</sup> day of July, 1985.



K. D. Drachand, Chief  
Mobile Source Division

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Co. Executive Order No. A-10-299  
 Engine Family GFM3.0V5FED2 Evaporative Family 6HM  
 Engine CID (Liters) 182 cid (3.0L)

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-Turbocharged

VEHICLE MODELS:

<u>Vehicle Line</u>	<u>Body Type (Cab Style)</u>	<u>Body Code (Wheelbase)</u>
Ford Taurus	4-Door sedan Wagon	Taur-54D Taur-74D
Mercury Sable	4-Door Sedan Wagon	Sabl-54D Sabl-74D

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

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

Manufacturer Ford Motor Company Page 2

Engine Family GFM3.OV5FED2 Engine Code \_\_\_\_\_

ECS (Special Features) EGR/EEC/EGS/TWC(EFI) CID (Liter)-Type 1982 (3.0L)

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Rp)	Trans.	Equiv. Test Weight	Ign. System EEC IV 12A650 Part No.	Fuel System EFI 9F593 Part No.	EGR Valve 9D475 Part No.	Label Ident. 9C485 Part No.
6-10S-R05A	Taur 54D (6.2)	AOD	3500	E6DF-LC/LD	E59E-AA	E6AE-BA	E6AE-AGS
	Sable 54D (6.2)						
	Taur 74D (7.5)		3625				
	Sable 74D (7.5)						
6-10S-R05N	Taur 54D (5.6)		3500				
	Sable 54D (5.6)						
	Taur 74D (6.8)		3625				
	Sable 74D (6.8)						

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

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A 10-299

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

Manufacturer Ford Motor Company

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Engine Family GFM3.OV5FED2

Engine Code 6-10S-R11A/N

ECS (Special Features) EGR/EEC/EGS/TWC/EFI

CID (Liter)-  
Type

182 (3.0)- V6

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans. AOD	Equiv. Test Weight	Ign. System EEC IV 12A650 Part No.	Fuel System EFI 9F593 Part No.	EGR Valve 9D475 Part No.	Label Identifier 9C485 Part
6-10S-R11A	Taurus 54D (6.6)	AXX005 *AXX009 (A4)	3500	E6DF-CJ	E59E-AA E59E-AB(alt) E67E-BB(alt)	E6AE-BA	E6AE-ACG
	Sable 54D (6.6)						
	Taurus 74D (7.5)		3625				
	Sable 74D (7.5)						
6-10S-R11N	Taurus 54D (6.0)		3375				
	Sable 54D (6.0)		3500				
	Taurus 74D (6.8)						
	Sable 74D (6.8)		3625				

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

Per R/C 3.0-14  
\*Per R/C 3.0-24

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A 10-299

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

Manufacturer Ford Motor Company Page 4

Engine Family GFM3.OV5FED2 Engine Code \_\_\_\_\_

ECS (Special Features) EGR/EEC/EGS/TWC/EFI CID (Liter)-Type 1982 (3.0L)

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System EEC IV 12A650 Part No.	Fuel System EFI 9F593 Part No.	EGR Valve 9D475 Part No.	Label Ident. 9C485 Part N.
6-10B-R05A	Taur 54D (6.6)	AOD	3500	E6DF-MH	E59E-AA/AB/ BB	E6AE-BA	E6AE-ACG
	Sable 54D (6.6)						
	Taur 74D (7.5)		3625				
	Sable 74D (7.5)						
6-10B-R05N	Taur 54D (6.0)		3500				
	Sable 54D (6.0)						
	Taur 74D (6.8)		3625				
	Sable 74D (6.8)						

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

\*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -

Per R/C 3.0-5