State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-198
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Ford Motor Company exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
5.8W AXC	351 (5.8)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
5.8W AXC	0.27	4.4	0.6

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 except Motorcycles".

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 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Ford Motor Company has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 11th day ~~of June~~, 1980.

K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family 5.8W AXC Evaporative Family EQ

ABBREVIATIONS Engine CID (Liters) 351 (5.8)

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

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 Valve
CFI-Central Fuel Injection
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Models	Body Type	Body Code
Ford LTD-S	2 dr sedan	66D
Ford LTD		66H
Ford LTD Crown Victoria		66K
Ford LTD-S	4 dr sedan	54D
Ford LTD		54H
Ford LTD Crown Victoria		54K
Ford LTD-S	Station Wagon	74D
Ford LTD		74H
Ford LTD Country Squire		74K
Mercury Marquis	2 dr sedan	66H
Mercury Marquis Brougham		66K
Mercury Grand Marquis		66L
Mercury Marquis	4 dr sedan	54H
Mercury Marquis Brougham		54K
Mercury Grand Marquis		54L
Mercury Marquis Station Wagon	Station Wagon	74H
Mercury Marquis Colony Park		74K

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

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Engine Family 5.8W AXC

Engine Code -

ECS (Special Features) AIP, EGR, TWC w/CL

CID (Liters)-Type 351/(5.8)-V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System EEC Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-24R-R00A/N**	Ford 54D* 54H* 54K* 66D* 66H* 66K* Mercury 54H* 54K* 54L* 66H* 66K* 66L*	A-4 O.D.	4250	EOAE-12A-649-FB or FC	E1AE-9510-VA	EOAE-9F483-AA	DDT
	Ford 74D* 74H* 74K* Mercury 74H* 74K*		4500				

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.

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

Date of Issue - 6-11-80

** 9-10-80 RC# 5.8W-7(rev eng code)

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