State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-207
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)
4.2/5.0 GCC	255/302 (4.2/5.0)	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
4.2/5.0 GCC	0.30	5.0	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".

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 23rd day of October, 1980.

K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family 4.2/5.0 GCC Evaporative Family EQ

ABBREVIATIONS Engine CID (Liters) 255/302 (4.2/5.0)

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 Line		Body Type	Body Code
Ford	LTD S	2 Dr Sedan	66D
	LTD	2 Dr Sedan	66H
	LTD Crown Victoria	2 Dr Sedan	66K
	LTD S	4 Dr Sedan	54D
	LTD	4 Dr Sedan	54H
	LTD Crown Victoria	4 Dr Sedan	54K
	LTD S	Station Wagon	74D
	LTD	Station Wagon	74H
	LTD Country Squire	Station Wagon	74K
Mercury	Marquis	2 Dr Sedan	66H
	Marquis Brougham	2 Dr Sedan	66K
	Grand Marquis	2 Dr Sedan	66L
	Marquis	4 Dr Sedan	54H
	Marquis Brougham	4 Dr Sedan	54K
	Grand Marquis	4 Dr Sedan	54L
	Marquis	Station Wagon	74H
	Colony Park	Station Wagon	74K

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

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Engine Family 4.2/5.0 GCC Engine Code -

ECS (Special Features) AIP, EGR, TWC w/CL CID (Liter)-Type 255 (4.2) - V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VA,VR, EI Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-18M-R01A/N	Ford 54D 54H 54K 66D 66H 66K Mercury 54D 54H 54K 66D 66H 66K	A-4	4000	E1SE-12127-BA	E1AE-9510-ACA	E1AE-9D448-AA	DRG

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.

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

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Engine Family 4.2/5.0 GCC Engine Code -

ECS (Special Features) AIP,EGR,TWC w/CL CID (Liter)-Type 302(5.0) - V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VA,VR,EI Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-20N-R00A/N	Ford * 74D 74H 74K Mercury* 74H 74K	A-4	4250	E1AE-12127-KA	E1AE-9510-LA	E1AE-9D448-AB	DRF
1-20N-R10A/N**	54K 54L				E1AE-9510-SA		
	54H 66H 66K 66L Ford* 54D 54H 54K 66D 66H 66K		4000				

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.

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**11-21-80 RC# 4.2/5.0-213(new code & models)

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