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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-234
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 1983 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)
DFM5.0V5HLC5	302 (5.0)	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 as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	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
0.39	1.9	0.5

BE IT FURTHER RESOLVED: That the listed vehicle models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of 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 Executive Officer has been provided 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 13th day of August, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD Executive Order No. A-10-234 Page 1

Engine Family DFM5.0V5HLC5 Evaporative Family 3FM

ABBREVIATIONS Engine CID (Liters) 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
Lincoln Town Car	4 door	54D
Mark VI	2 door	66D
Mark VI	4 door	54D
Ford LTD	4 door	54K
Ford "	2 door	66K
Ford "	Station Wagon	74K
Merc Gran Marquis	4 door	54K
Merc "	2 door	66K
Merc "	Station Wagon	74K

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Executive Order No. A-10-234 Page 1A

Engine Family DFM5.0V5HLC5 Evaporative Family 3FM

Engine CID (Liters) 5.0

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 Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Line

Continental 4dr. 54D

Cougar 66D 2dr.

T-Bird 63D 2dr.

DRIVE SYSTEM:

10/21/82 - RC 5.0-207: 09/29/82 Add'n models

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer FORD E.O. #A-)D-234

Engine Family DFM5.OV5HLC5 CID (liter) - Type 302 (5.0L) V8

ECS (Special Features) AIP,CL,EGR, ,TWC,(CFI)

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
222AR15A	Lncp 54D,12.8 Mrk6 54D,12.8 66D,12.8 Ford/Merc 74K,12.5 66K,11.9 54K,11.9	AOX009	4250	E2VF-12A 649-SA	E3AE-9C973-AA	E0SE-9F 483-AA, E3ZE-9F 483-AA	E3AE-9C485-DDN
222AR15N	Ford/Merc 74K,11.4 66K,10.8 54K,10.8	AOX009	4250/4000	E2VF-12A 649-SA	E3AE-9C973-AA	EOSE-9F 483-AA, E3ZE-9F 483-AA	E3AE-9C485-DDN
2[illegible]17A	Lncp 54D,12.8 Mrk6 54D,12.8 66D,12.8 Ford/Merc 74K,12.5 66K,11.9 54K,11.9	AOX009	4250	E2VF-12A 649-SA	E3VE-9C973-CA	EOSE-9F483-AA, E3ZE-9F483-AA.	E3AE-9C485-DEM
222AR17N	Ford/Merc 74K,11.4 66K,10.8 54K,10.8	AOX009	4250/4000	E2VE-12A 649-SA	E3VE-9C973-CA	E0SE-9F 483-AA, E3ZE-9F 483-AA	E3AE-9C485-DEM

Comments: See page one for abbreviations and evaporative emission family identi[illegible]tion. If two test weights are listed, the lower weight will be used for testing.

* With Air Condtioning

Date of Issue -
Revisions:

011981

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer FORD MOTOR CO. E.O. #A-10-234

Engine Family DFM5.0V5HL65 CID (liter) - Type 302 (5.0) V8

ECS (Special Features), AIP,CL,EGR,TWC,CFI

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-22D-R00A	Continental (11.6) 54D, Cougar 66D, (11.6) T-Bird 63D, (11.6)	AOX012 (L-4)	4000	E35F-12A649 -EA	E35E-9C973 -AA	EOSE-9F483 -BA/AA	E3AE-9C485-DNM/DPR

Comments: See page one for abbreviations and evaporative emission family identification. If two test weights are listed, the lower weight will be used for testing.

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Date of Issue -

Revisions: 10/21/82 - RC 5.0-207: 09/29/82 Add'n models

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