State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-189
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 1980 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
4.2/5.0 CC	302	Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst, 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 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4.2/5.0 CC	0.27	3.3	1.0

BE IT FURTHER RESOLVED: That the listed vehicle models comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicle Except Motorcycles".

BE IT FURTHER RESOLVED: That the listed vehicle models 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 comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 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).

BE IT FURTHER RESOLVED: That vehicles certified under this Executive Order must conform to all applicable California emission regulations.

BE IT FURTHER RESOLVED: That the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 4th day of September, 1979.

K. D. Drachand by PMW

K. D. Drachand, Acting Chief
Mobile Source Control Division

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Manufacturer Ford Motor Co. Executive Order No. A-10-189 Page 1

Engine Family 4.2/5.0 CC Engine (CID) 302

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
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

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

Evaporative Family: S

Date of Issue: 090479
Revisions: Corrected E.O.# 101979

E.O. #A-10-189

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 2

Engine Family 4.2/5.0 CC CID-Type 302 V-8 Engine Code 0-13R-ROOZ *

ECS (Special Features) EGR, AI, OC, TWC, CL + 10% (A/C) Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System EEC Part No.	Fuel System 1-VV Part No.	EGR Valve Part No.	Label Ident.
	Ford Sedan 66H 66D 66K 54H 54D 54K Mercury Sedan 66H 66K 66L 54H 54K 54L	A-3	4000 (4000)	Ford E0AE-12A649-YC	Ford E0AE-9510-ADA	E0AE-9F483-AA	BGX
	Mercury 54H,K,L 66K,L		4250**				

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, equipment and inertia weight class.

*** Engine Code letter suffix (Air Condition): X-A/c, Y- Non A/C, Z-Both A/c and Non A/C**

of Issue - 9-4-79
**2-12-80 RC# 4.2/5.0-79(revise TW)

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1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 3

Engine Family 4.2/5.0 CC CID-Type 302 V-8 Engine Code 0-13T-ROOZ*

ECS (Special Features) EGR, AI, OC, TWC + 10% (A/C) Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System EEC Part No.	Fuel System 1-VV Part No.	EGR Valve Part No.	Label Ident.
	Ford Station Wagon 74H 74K 74D Mercury Station Wagon 74H 74K	A-3	4250 (4000)	Ford E0AE-12A649-SC	Ford E0AE-9510-ADA	E0AE-9F483-AA	BGX

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, equipment and inertia weight class.

*** Engine Code letter suffice (Air Condition): X-A/C, Y-Non A/C, Z-Both A/c and Non A/C**

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1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles [X] Gas [ ] Diesel

Manufactuer Ford Motor Company Page 4

Engine Family 4.2/5.0 CC CID-Type 302-V8 Engine Code 0-13R-R10Z

ECS (Special Features) AI, CL, TWC, OC, EGR +10% (A/C) Yes X No

Engine Code	Vehicle Models (If coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Indent
	Ford Sedan	A-3		Ford E0AE-12A649-YC	Ford-E0AE-9510-ATA	Ford E0AE-9F483-AA	BGX
	66H		4000				
	66K						
	66D						
	54H						
	54K						
	54D						
	Mercury Sedan						
	66H		4000				
	66K		4000/4250				
	66L						
	54K						
	54K						
	54L						
			(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, equipment and inertia weight class.

Date of Issue R/C 4.2/5.0-15 1-29-80

E.O. #A-10-189

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles [X] Gas [ ] Diesel

Manufactuer Ford Motor Company Page 5

Engine Family 4.2/5.0 CC CID-Type 302-V8 Engine Code 0-13T-R10Z

ECS (Special Features) AI, CL, EGR, OC, TWC +10% (A/C) Yes X No

Engine Code	Vehicle Models (If coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Indent
	Ford S.W. 74H 74K 74D Mercury S.W. 74H 74K	A-3	4250 (4000)	Ford E0AE-12A649-SC	Ford E0AE-9510-ATA	Ford E0AE-9F483-AA	BGX

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, equipment and inertia weight class.

Date of Issue R/C 4.2/5.0-15 1-29-80