

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-209  
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.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
5.0 CCC	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 certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
5.0 CCC	0.32	1.3	0.7

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 28<sup>th</sup> day of July, 1980.

  
K. D. Drachand, Chief  
Mobile Source Control Division

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Engine Family 5.0 CCC Evaporative Family FQ

ABBREVIATIONS Engine CID (Liters) 302 (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

<u>Vehicle Model</u>	<u>Body Type</u>	<u>Code</u>
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 Crown Victoria	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
Lincoln Town Car	2 Dr Sedan	66D
Town Car	4 Dr Sedan	54D
Continental Mark VI	2 Dr Sedan	66D
Mark VI	4 Dr Sedan	54D

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 Passenger Cars  Light-Duty Trucks  Medium-Duty Vehicles  Gas  DieselManufacturer Ford Motor CompanyPage 2Engine Family 5.0 CCC

Engine

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

CID (Liter)-

Type 302 (5.0) - V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EEC Part No.	Fuel System CFI Part No.	EGR Valve Part No.	Label Ident. Part No.
1-22P-R00A** (w/AC)	Ford* 54D, H, K 66D, H, K 74D, H, K	A-4	4000	EIVF-12A649-DB	E1AE-9C973-AA (Electronic Fuel Charging Assembly)	EOSE-9F483-BA	DDZ
			4250				
	Mercury* 66H, K 54H, 66L		4000 4250, 4000				
	54K, L 74H, K		4250				
	Lincoln* 54D 66D						
1-22P-ROON** (w/o AC)	Continental* 54D 66D						
	Ford* 54D,H,K 66D,H,K 74D,H,K		4000 4250				
	Mercury* 54H,K 66H,K,L 54L		4000 4250, 4000				
	74H,K		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 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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\*\*10-16-80 RC# 4.2/5.0-212(rev coding &amp; ETW)