## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-10-281 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 1985 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)		
FFM2.3V1HAK2	HAK2 140 (2.3)		Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst		

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	
Grams per Mile	Grams per Mile	Grams per Mile	
0.39	7.0	0.7	

The following are the certification emission values for the above engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	
Grams per Mile	Grams per Mile	Grams per Mile	
0.25	2.1	0.6	

BE IT FURTHER RESOLVED: That the listed 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 for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

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 10 day of August, 1984.

day of August, 1984

K. D. Drachand, Chief Mobile Source Division

## 1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Executive Order No. A-10-281 Manufacturer Ford Motor Company Engine Family FFM2.3V1HAK2 Evaporative Family 5GQ

**ABBREVIATIONS** 

Ignition System

CA-Centrifugal Advance EEC-Electronic Engine Control EI-Electronic Ignition ES AC-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 DIP-Diesel Injection Precha EM-Engine Modification OC-Oxidation Catalyst System TR-Thermal Reactor TWC-Three Way Catalyst System

Special Features

Engine CID (Liters) 140(2.3)

CCV-Combustion Chamber Valv-CFI-Central Fuel Injection DID-Diesel Injectin-Direct

Fuel System

CFI, CL, DID, DIP, EFI, MFI nV-nVenturi Carburetor **V-Va**riable Venture

MFI-Mechanical Fuel Injectic TC-Turbocharged

Vehicle Line	Body Type (Cab Style)	Body Code (Wheelbase)	
Mustang	2-Door 3-Door	66B 61B	
Capri	3-Door	61D	

Front Engine/Rear Wheel Drive

Front Engine/ Rear Wheel Drive

Engine Family

Issue Date   6/6/84.	16,03-2
Revised	

• Comments: See page one for abbreviations and evaporative emission family identification. Ford elects to test 5-05A-ROON at 3125 ETW on Mustang 66B

Engine Family	F2.3VAK			
Issue Date	6/6/84	16.03-3	. 2	
Revised				