State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-238
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 diesel-powered light-duty trucks.

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
DFM2.2K6JAG5	135	(2.2)	Engine Modification

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:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.46	10.6	1.5

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.22	1.0	1.2

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 20th day of August, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

1983 Air Resources Board Supplemental Data Sheet

Manufacturer: Ford Motor Co

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Engine Family: DFM2.2K6JAG5

Evaporative Family: None

LDT: ___ Gas X Diesel

Engine CID (Liters): 135 (2.2L)

Engine Type: I-4, diesel

ABBREVIATIONS

Ignition System

CA - Centrifugal Advance
EEC - Electronic Engine Control
EI - Electronic Ignition
ESAC - Electronic Spark Advance Control
VA - Vacuum Advance
VR - Vacuum Retard

Exhuast 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-Diret
DIP - Diesel Injection-Prechamber
MFI - Mechanical Fuel Injection
TC - Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV - nVenturi Carburetor
VV - Variable Venturi

Drive System: Rear Wheel Drive

ECS (Special Features) MFI, DIP

Engine Code	Vehicle Models (Dyno. Hp./ETW)	Trans.	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-47D-R00B	Ranger 4x2 (10.0/3250)	Z4-436	Not Applicable	S234-13-800A	Not Applicable	DDL

Truck Line	Cab Style	Wheel Base
Ranger 4x2	Reg Cab	SWB LWB

JUN 2 1982

REVISED 7-19-82