State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-79
Relating to Certification of New Motor Vehicles

MAZDA MOTOR CORPORATION

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 1987 model-year Mazda Motor Corporation exhaust emission control systems are certified as described below for diesel-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HTK2.0D6JAA8	122	(2.0)	Exhaust Gas Recirculation (Diesel Injection-Prechamber)

Vehicle models, transmissions and engine codes are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile	Particulates Grams per Mile
0.46	8.3	1.0	0.2

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	Particulates Grams per Mile
0.19	0.6	0.8	0.2

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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

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 2035 et seq.).

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 9th day of July, 1986.

K. D. Drachand, Chief
Mobile Source Division

Manufacturer Mazda Motor Corporation Executive Order No. A-16-79

Engine Family HTK2.0D6JAA8 Evaporative Family ---

Engine CID (Liters) 121.9 (2.0)

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
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
TR-Thermal Reactor
TWC-Three-Way Catalyst System

Special Featu

CCV-Combustio Chamber
CFI-Central F Injectic
DID-Diesel Injectic Direct
DIP-Diesel Injectic Prechamt
EFI-Electroni Fuel Injectic
IC - Intercoo
MFI-Mechanica Fuel Injectior
TC-Turbocharge

VEHICLE MODELS:

MAZDA 626 Diesel

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

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E.O. #A-16-79

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer: Mazda Motor Corporation

Page: 2

Engine Family: HTK2.0D6JAA8

Engine Code: RF-M & RF-MC

ECS (Special Features): (DIP) & EGR

CID (Liter)-Type: 121.9(2.0) - I4

Engine Code	Vehicle Models (If Coded see attachment) (Hp)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System DIP Part No.	EGR Valve Part No.	Label Ident. Part No.
RF-MC	MAZDA 626	M-5	3000	None	Pump: RF66 13 800 Injector: RF66 13 H50	RF66 20 300	

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.

Date of Issue - Mar. 28, 1986

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