State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-81
Relating to Certification of New Motor Vehicles

MITSUBISHI MOTORS 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 Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
HMT2.4T5FBD7	143.4	(2.4)	Three-Way Catalyst Oxygen Sensor Exhaust Gas Recirculation (Combustion Chamber Valve) (Electronic Fuel Injection)

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

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3999	0.39	7.0	0.7

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	0.21	2.4	0.2

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 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.) and, with Health and Safety Code Section 43204.

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 5th day of November, 1986.

K. D. Drachand, Chief
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Motors Corp. Executive Order No. A-86-81

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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

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
-OXYGEN SENSOR
EGR-Exhaust Gas Recirculation
EM -Engine Modification
OC -Oxidation Catalyst System
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
TR -Thermal Reactor
TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC -Intercooler
MFI-Mechanical Fuel Injection
TC -Turbocharger

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1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Motors Corp.

Engine Family HMT2.4T5FBD7 Evaporative Family IC

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

Engine CID (liter) - Type 143.4 (2.4) - L4

ECS (Special Features) ~~C~~OL+EGR+TWC (CCV+EFI)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	ETW	Ign. System ESAC Part No.	Fuel System CL,EFI Part No.	EGR Valve Part No.	Catalyst Part No.
ABA	Mitsubishi Wagon	A4	3625	Distributor J9T02371	Fuel Injector M275	K5T58776	MD096609
BA					Throttle Body AC50-102		
	Mitsubishi Van		3250				

Note: Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

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