

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-54
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 1985 model-year Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FMT1.8V5FCA8	109.5 (1.8)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Central Fuel Injection) (Combustion Chamber Valve) (Turbocharger)

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":

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.21	1.8	0.4

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 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 23rd day of July, 1984.


K. D. Drachand, Chief
Mobile Source Division

E.O. No. A-86-54

ABBREVIATIONS

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
- 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 - Turbocharged

Fuel System

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

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17.16.03.00 1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Motors Corp. Executive Order No. A-86-54
FMT 1.8V5FLA8
 Engine Family 1.8EC Evaporative Family IC
 Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles
 Gas X Diesel
 Engine CID (liter) - Type 109.5 (1.8) - L4
 ECS (Special Features) AIV+CL+EGR+TWC (CCV+CFI+EFI+TC)
 Drive System Front engine / Front drive
 Add 10% to dyno test HP for air conditioning usage X

Engine Code	Vehicle Model (If Coded see attachment)	Trans.	ETW	Ign. System CA, EI, VA Part No.	Fuel System CFI, CL, EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
ABM	Mitsubishi Cordia	M5	2750	Distributor	46EID-601*	K5T53976	VECI
BM	Mitsubishi Tredia			T3T63172	46EID-604**		MD086728
							Vac Hose MD075236

- Notes: 1. *: Without cruise control
 **: With cruise control
 2. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

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