State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-121
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 1990 model-year Mitsubishi Motors Corporation emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: LMT2.4T5FB1X Displacement: 2.4 Liters (143.4 inches^3)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Three-Way Catalyst
Oxygen Sensor
Sequential Multipoint Electronic Fuel Injection
No On-Board Diagnostic System (Exempted)

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight (lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.39	9.0	0.7

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

Loaded Vehicle Weight (lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.23	2.4	0.5

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 models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Code of Regulations which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the optional NOx standard based on actual sales of 1989 model-year California-certified light-duty trucks.

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 Code of Regulations, 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 1988 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 Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 provisions (Health and Safety Code Section 43205).

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 14th day of July, 1989.

K. D. Drachand, Chief
Mobile Source Division

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Mfr.: Mitsubishi Motors Corporation Eng. Family: LMT2.4T5FB1X

Passenger Cars: _ Light-Duty Trucks: X Gas: X

Eng. Type: IL4 Liter (CID): 2.4 (143.4) Evap. Family: I

Emission Control Sys.: EGR+O2S+TWC+(SMPI)

(Special Features)

Engine: Front X Rear _

Drive : FWD _ RWD X 4WD-FT _ 4WD-PT _

Eng. Code	Vehicle Models	Trans. Type	ETW	Ign. System (ECU/PROM) Part No.	EGR System Part No.	Catalyst Part No.
BA	Mitsubishi Mitsubishi Wagon	L4	3250 3625 3750	Distributor T3T64171 ECU E2T34072	EGR Valve K5T50880	MD134127

Note: Refer to §08.13.02 for RLHP.

Revisions:

TEST WEIGHT & TEST HORSEPOWER

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Engine Family: LMT2.4T5FB1X

(Engine Family) Car Line	Body Style	T/M Type	Test Weight	Tire	W/O A.C.		With A.C.		A.C. (%)
					Test HP	C/D Time	Test HP	C/D Time	
(2.4TEB)*	---	A/T	3250	P205/75R14	15.0	---	16.0	---	>33
Mitsubishi Van			3625	P205/75R14	15.0	---	---	---	
Mitsubishi Wagon			3750	P205/75R14	---	---	16.0	---	