(Page 1 of 3)

State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-176 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 1995 model-year Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: SMT2.418G1EA Displacement: 2.4 Liters (143.4 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Heated Oxygen Sensors (two) Exhaust Gas Recirculation Sequential Multiport Fuel Injection Three Way Catalytic Converter

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

The certification exhaust emission standards for this engine family in grams per mile are:

Loaded Vehicle	<u>Miles</u>	Non-Methane	Carbon	Nitrogen
Weight (lbs.)		<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides
0-3750	50,000	0.25	3.4	0.4
	100,000	0.31	4.2	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle	Miles	Non-Methane	Carbon	Nitrogen
<u>Weight (lbs.)</u>		Hydrocarbons	<u>Monoxide</u>	<u>Oxides</u>
0-3750	50,000	0.17	1.5	0.2
	100,000	0.18	1.7	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth 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 under the submitted compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) 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 (Title 13, California Code of Regulations, Section 2035 et seq.). .

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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 Arthday of June, 1994.

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R. B. Summerfield Assistant Division Chief Mobile Source Division

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E.O. # A-86-176

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS

Manufacturer:Mitsubishi Motors CorporationEvap Std: 50K_XUseful Life with R/LExh Std: Tier-0 Tier-1_XTLEVVeh Class(es): PC LDT1_XLDT2	Exh Engine Family: <u>SMT2.418GlEA (2.4TC</u> Evap Engine Family: <u>SMT1058BYMOF (IF)</u> ULEV ZEV; EPA Tier-0 Tier-1	
Single Cert Std for Multi-Class Eng Fam: N/A (s		
Exh Cert Fuel(s): Indo X Ph2 Diesel: 13 (M85 CNG INC Other	Pecity: N/A, LDT1)	
Fuel Type(s): Dedicated X Flex-Fuel C CNG LNG LPG Othe	Dual-Fuel Gasoline_X_DieselM8	1 5
Hybrid: Type ABC, APU Cycle (e.	g., Otto, Diesel, Turbine)	
Engine: Front_X	<u>2.4</u> Liters <u>143.4</u> Cubic Inches RWD <u>X</u> 4WD-FT <u>4WD-PT</u> 2)+TWC+(SFI)	
(use abbre	viations per SAE J1930 SEP91)	

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type *1	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
CM(CA) ACM(CA)	Mitsubishi Truck 2WD	M5	3000 3125	11.0	Distributor: T1T42075	EGR Valve: MD151886	MB906611 (P4)
CA(CA) ACA(CA)		L4	3125 3250	11.0	ECM: E2T34180	Solenoid: K5T47172	

*1: M-Manual transmission

L-Automatic transmission with lock-up