

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-292-36
Relating to Certification of New Motor Vehicles

MITSUBISHI MOTOR MANUFACTURING OF AMERICA, INC.

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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1997 model-year Mitsubishi Motor Manufacturing of America, Inc. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: VDS2.4VJGKFK Displacement: 2.4 Liters (143.4 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

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

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.12	1.6	0.1	6.6
100,000	0.13	1.8	0.1	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 NMOG fleet average 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 running loss and useful life standards applicable to 1995 and subsequent 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 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 Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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.).

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 19th day of June 1996.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

'97MY
(1/2)

E.O.# A-292-36

17.16.02

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS

Manufacturer : Mitsubishi Motor Manufacturing of America, Inc.
Exh Engine Family : VDS2.4VJGKFK(2.4B-S)
Evap Engine Family: VDS1130AYMEL

All Eng Codes in Eng Fam: CA___ 49S___ 50S___
Exh Std : CA Tier-1___ X___ TLEV___ LEV___ ULEV___ ZEV___ ; EPA Tier-0___ Tier-1___ X___
Evap Std : 50K___ Useful Life with R/L___ X___
In-Use Exh Std: Full in Use___ X___ Alt In Use___

Veh Class(es) : PC___ X___ LDT1___ LDT2___
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1)
Fuel Type(s) : Dedicated___ X___ Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline___ X___
Diesel___ CNG___ LNG___ LPG___ M85___ Other (specify)___
Emis Test Fuel: Indo___ Ph2___ X___ CNG___ LPG___ M85___ Other (specify)___
Diesel: 13 CCR 2282___ or 40 CFR 86.113-90___ or -94___

Service Accum : Std AMA___ Mod AMA___ X___ Mfr ADP___ Other (specify)___
NMOG Test Proc: N/A___ Std___ X___ Equiv___
R/L Test Proc : SHED___ X___ Pt Source___
Hybrid : Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)___

Engine Configuration: IL4 Displacement: 2.4 Liters/ 143.4 Cubic Inches
Valves per Cylinder : 4 Rated HP: 141 @ 5500 RPM
Engine : Front___ X___ Mid___ Rear___
Drive : FWD___ X___ RWD___ 4WD-FT___ 4WD-PT___
Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR+HO2S(2)+TWC+SFI
(use abbreviations per SAE J1930 SEP91)

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Engine Code (also list CAL/FED/BOTH)	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.	
ABM-C(BOTH)	Mitsubishi Eclipse Convertible	M5	3250	6.3	ECM: MD326327 (E2T61686)	EGR Valve: MR193660 (HE#)	MR312331	
BM-C(BOTH)				5.7				
ABA-C(BOTH)		L4	3375	6.3				Solenoid: MR161746 (K5T49681)
BA-C(BOTH)			3250	5.7				

*1: M-Manual transmission
L-Automatic transmission with lock-up