

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-208
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1997 model-year Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: VMT3.OV8GFEK Displacement: 3.0 Liters (181.4 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Dual Heated Oxygen Sensors (two)
- Three Way Catalytic Converter
- Dual Warm Up Three Way Catalytic Converters
- 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	0.13	1.5	0.1	5.2
100,000	0.16	1.8	0.1	n/a

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 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 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."

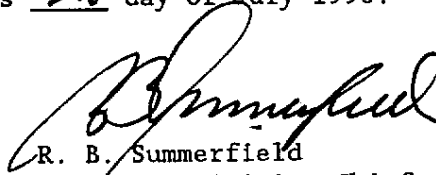
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned 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 28th day of July 1996.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

'97MY
(1/2)

17.16.02

E.O.# A-86-208

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

Manufacturer : Mitsubishi Motors Corporation
Exh Engine Family : VMT3.0V8GFEK(3.0B-S)
Evap Engine Family: VMT1058BYMAF

All Eng Codes in Eng Fam: CA ___ 49S ___ 50S X
Exh Std : CA Tier-1 X TLEV ___ LEV ___ UL \bar{E} V ___ ZEV ___ ;EPA Tier-0 ___ Tier-1 X
Evap Std : 50K X Useful Life with R/L ___
In-Use Exh Std: Full in Use ___ 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 X Ph2 ___ 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 ~~✖~~ Pt Source ___
Hybrid : Type A ___ B ___ C ___ , APU Cycle (e.g., Otto, Diesel, Turbine) ___

Engine Configuration: V6 Displacement: 3.0 Liters/ 181.4 Cubic Inches
Valves per Cylinder : 2 \$ Rated HP: 161 @ 5500 RPM
Engine : Front X Mid ___ Rear ___
Drive : FWD X RWD ___ 4WD-FT ___ 4WD-PT ___
Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR+2HO2S(2)+TWC+2WUTWC+SFI
(use abbreviations per SAE J1930 SEP91)

Revised: 6/12/96

17.16.02-3.0B-S-1

'97MY
(2/2)

E.O.# A-86-208

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

Manufacturer : Mitsubishi Motors Corporation
Exh Engine Family : VMT3.0V8GFEX(3.0B-S)
Evap Engine Family: VMT1058BYMAF

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(BOTH)	Mitsubishi 3000GT	M5	3500	7.0	Distributor: -MD320732 (T5T43071) ECM: MD339760 (E2T61385)	EGR Valve: MD199283 (K5T58980) Solenoid: MR161746 (K5T49681)	Front: (right) MR126693 (left) MR127572 Rear: MB906265 (K4)
BM(BOTH)			3500	6.4			
ABA(BOTH)		L4	3625	6.9			
BA(BOTH)			3625	6.3			

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