

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-292-31-1
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 1996 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: TDS2.0VJGFEK Displacement: 2.0 Liters (121.8 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 | 0.17 | 2.1 | 0.3 | 5.9 |
| 100,000 | 0.18 | 2.4 | 0.3 | 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).

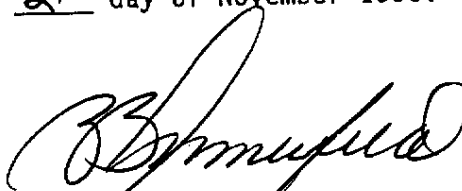
BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 21st day of November 1995.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

17.16.02

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1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS

\$ Manufacturer: Mitsubishi Motor Manufacturing of America, Inc. Exh Engine Family: TDS2.0VJGPEK(2.0B-D)
Evap Engine Family: TDS1130AYNEL
All Engine Codes in Engine Family: CA ___ 49S ___ 50S X AB965 ___
Exh Std: CA Tier-1 X TLEV ___ LEV ___ ULEV ___ ZEV ___ ; US EPA Tier-1 X
Evap. Std: 50K ___ Useful Life with R/L X In-Use Std: Full In-Use X Alt In-Use ___
Veh Class(es): PC X LDT1 ___ LDT2 ___ MG1 ___ MDV2 ___ MDV3 ___ MDV4 ___ MDV5 ___
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, ..., MDV4)
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 ___ 40CFR 86.113-90 ___ 40CFR 86.113-94 ___
Service Accum: Std AMA ___ Mod AMA ___ Mfr ADP ___ Other (specify) AMA4 (SEC 20.07)
NMOG Test Proc: N/A X Std ___ Equiv ___ R/L Test Proc: SHED X Pt Source ___
Hybrid: Type A ___ B ___ C ___ APU Cycle (e.g., Otto, Diesel, Turbine) Otto
Engine Configuration: I4 Displacement: 2.0 Liters 121.8 Cubic Inches
Values per Cylinder: 4 Rated HP: 140 @ 6000 RPM
Engine: Front X Mid ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT ___
Exhaust ECS (eg., EGR, MPI, TC, CAC): EGR+HO2S(2)+TWC+(SFI)
(use abbreviations per SAE J1930 SEP91)

| Engine Code (also list CA/49S/50S) | Vehicle Models (if coded see attachment) | Trans. Type *1 | RTW | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalytic Converter Part No. |
|------------------------------------|--|----------------|------|-------------|--|--------------------------|------------------------------|
| ABM(50S) | Eagle Talon | M5 | 3250 | 5.9 | Crankshaft Position Sensor: 5235377 ECM: 5269810 \$ | EGR Valve Assy.: 4287638 | MB906624 or XR239756 |
| BM(50S) | Mitsubishi Eclipse | | 3250 | 5.4 | | | |
| ABM-J(50S) | Crysler Sebring | | 3375 | 6.1 | | | |
| BM-J(50S) | Dodge Avenger | | 3250 | 5.6 | | | |
| ABM-C(50S) | Mitsubishi Eclipse | | 3375 | 6.3 | | | |
| BM-C(50S) | Convertible | | 3250 | 5.8 | | | |
| ABA(50S) | Eagle Talon | L4 | 3375 | 5.9 | Crankshaft Position Sensor: 5235377 ECM: 5269811 \$ | | |
| BA(50S) | Mitsubishi Eclipse | | 3250 | 5.4 | | | |
| ABA-J(50S) | Crysler Sebring | | 3375 | 6.1 | | | |
| BA-J(50S) | Dodge Avenger | | 3375 | 5.5 | | | |
| ABA-C(50S) | Mitsubishi Eclipse | | 3375 | 6.3 | | | |
| BA-C(50S) | Convertible | | 3375 | 5.7 | | | |

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

Revisions: 6-28-95, 7-13-95, 8-1-95, 10-4-95 \$