

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-38
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 1983 model-year Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks.

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|
| DMT2.0T2BCA9 | 121.9 (2.0) | Air Injection-Valve Exhaust Gas Recirculation Oxidation Catalysts (Combustion Chamber Valve) |

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

| <u>Equivalent Inertia Weight</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|------------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|
| D-3999 | 0.41 | 9.0 | 1.0 |

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

| <u>Equivalent Inertia Weight</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|------------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|
| 0-3999 | 0.29 | 4.7 | 0.9 |

BE IT FURTHER RESOLVED: That the listed vehicle models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

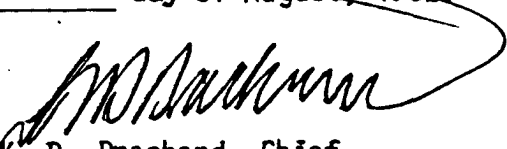
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 11th day of August, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

Manufacturer Mitsubishi Motors Corp. Executive Order No. A-86-38 Page 1
 Engine Family DMT2.0T2BCA9 Evaporative Family DMT2.0TC
 Engine CID(liter) 121.9(2.0)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection Pump
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst
 AIV-Air Injection Valve (Pulse Air Injection)
 TR-Thermal Reactor
 TWC-Three Way Catalyst

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Vehicle Models

Carline

| | |
|----------|------------------------------|
| 9JL4 | Dodge RAM50 Pickup |
| OJL4 | Colt Colt Pickup |
| L026P-S | Mitsubishi Truck |
| 9KL4* | Dodge Power RAM50 Pickup 4WD |
| OKL4* | Colt Golt Pickup 4WD |
| L026G-S* | Mitsubishi Truck 4WD |

DRIVE SYSTEM: Front engine/Rear drive

(*: Front engine/4 wheel drive)

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Date / / EPA Rep.

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|----------------|-------------|--|--|--|--|
| Issue Date: | MAY 20 1982 | | | | |
| Revision Date: | | | | | |

17.16.03.00 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Mitsubishi Motors Corp.

E.O.# A-86-38

Engine Family DMT2.OT2BCA9

CID(liter)-Type 121.9(2.0)L4

ECS (Special Features) AIV,CCV,EGR,OC + 10% (A/C) Yes No

| Engine Code | Vehicle Models (If Coded see attachment) | Trans. | Equiv. Test Weight | Ign. System CA, VA, EI Distributor Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Identi- fication |
|-------------------------|---------------------------------------------|--------|--------------------|------------------------------------------------------|-------------------------------|-----------------------|------------------------------------------|
| 2.OTC-M A2.OTC-M | 9JL4 OJL4 L026P-S | M4 | 2750 | T4T62076 | 32-35 DID TA-115 | K5T50974 | VECI MD065050 Vac Hose MD065212 |
| 2.OTC-A A2.OTC-A | | A3 | | | 32-35 DID TA-116 | | VECI MD065050 Vac Hose MD065213 |
| 2.OTC-M-S A2.OTC-M-S | 9KL4 OKL4 L026G-S | M4 | 3125 | | 32-35 DID TA-115 | | VECI MD065050 Vac Hose MD065212 |

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and test weight.

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| Issue Date: | MAY 20 1982 | | | | |
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