

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-24  
Relating to Certification of New Motor Vehicles

MITSUBISHI MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered light-duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BMT2.0T2BC4	121.75 (2.00)	Oxidation Catalyst, Air Injection-Valve, Exhaust Gas Recirculation, Combustion Chamber Valve.

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

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Equiv. Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
BMT2.0T2BC4	0-3999	0.25	5.7	0.9

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", amended June 26, 1980.

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 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Mitsubishi Motors Corporation has provided to the Executive Officer 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 8<sup>th</sup> day of August, 1980.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Motors Corp. Executive Order No. A-86-24 Page 1 of 2

Engine Family BMT2.OT2BC4 Evaporative Family BMT2.OTC

ABBREVIATIONS

Engine CID (Liters) 121.75 (2.00 litre)

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

Special Features

CCV-Combustion Chamber Valve  
CFI-Central Fuel Injection  
DI-Diesel Injection  
EFI-Electronic Fuel Injection  
MFI-Mechanical Fuel Injection  
TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI  
nV-nVenturi Carburetor  
VV-Variable Venturi

Model

9JL4

0JL4

Evap Family

BMT2.OTC

Truckline

Dodge RAM50 Custom

Plymouth Arrow

## 1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

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Engine Family BMT2.0T2BC4

Engine Code 2.0TC-M, A2.0TC-M, 2.0TC-A & A2.0TC-A

ECS (Special Features) OC + EGR + AIV +CCV

CID (Liter)- 121.75 (2.00) I-4  
Type \_\_\_\_\_

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EI,CA,VA Part No.	Fuel System 1-2V Part No.	EGR Valve (2 of them) Part No.	Label Ident. Part No.
2.0TC-M & A2.0TC-M	9JL4 0JL4	4-Speed Manual	2875 lb	T4T6 2076	32-35DID TA-60	K5T5 0995 ("Dual EGR Control Valve")  "Sub EGR Control Valve" is a sub-assembly of the carburetor.	MD034302 (Tune-up Label)  MD034313 (Vacuum Hose Routing)
2.0TC-A & A2.0TC-A		Auto-matic (3-speed)			32-35DID TA-61		MD034302 (Tune-up Label)  MD034314 (Vacuum Hose Routing)

Comments: See page one for abbreviations and evaporative emission family identification.

11.4 is the correct dyno test HP setting for all models.

Date of Issue - 7 August 1980