

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-31
Relating to Certification of New Motor Vehicles

MITSUBISHI MOTORS CORP.

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-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year Mitsubishi Motors Corp. 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>
X CMT2.6T2BCAO	155.92 (2.6)	Air Injection - Valve (Combustion Chambers Valve) Exhaust Gas Recirculation Oxidation Catalysts

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 1982 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>
0-3999	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	0.17	3.3	0.7

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 in El Monte, California this 1st day of July, 1981.

K. D. Drachand
K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Executive Order No. A-86-31 Page 1
 Engine Family CMT2.6T2BCAO Evaporative Family CMT2.6TC
 Engine CID (Liters) 155.92 (2.6)

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
 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
 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

Truckline

9JH4
 9JP4

Dodge RAM50 Pickup

0JH4
 0JP4

Plymouth Arrow Pickup

9KL4*
 9KP4*

Dodge Power RAM50 Pickup 4WD
 Dodge Power RAM50 Pickup 4WD

DRIVE SYSTEM: Front engine/ Rear drive

Date of Issue - 06-29-81

Revisions - 07-14-81: Corrections

*- 09-28-81(RC-82-2.6TC-1:07-31-81)Add'n of 4WD models

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Mitsubishi E.O. #A -86-31

Engine Family CMT2.6T2BCAO CID (liter) - Type 155.92 (2.6) L4

ECS (Special Features) AIV,(CCV), EGR, OC-OC

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA, VA, EI Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
2.6TC-M A2.6TC-M	9JH4 9JP4	M5	3000	T4T62075	32-35 DID TA-76	K5T50998	VECI MD034464
2.6TC-A A2.6TC-A	0JH4 0JP4	A3			32-35 DID TA-75		Vac. Hose MD034503
2.6TC-M-S A2.6TC-M-S	9KL4** 9KP4**	M5	3250	T4T62076	32-35DID TA-76		

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 06/29/81

Revisions: 07/14/81: Corrections

** - 09/28/81(RC#82-2.6TC-1:07/31/81)Add'n of 4WD models