

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-27
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 passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CMT1.4V2BCA1	86.0 (1.4)	Air Injection - Valve (Combustion Chamber 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>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.26	2.9	0.6

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-86-27 Page 1
 Engine Family CMT1.4V2BCA1 Evaporative Family CMT1.4C
 Engine CID (Liters) 86 (1.4)

ABBREVIATIONS

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
EEC-Electronic Engine Control	AIV-Air Injection-Valve	CFI-Central Fuel Injection
EI-Electronic Ignition	CL-Closed Loop	DID-Diesel Injection-Direct
ESAC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	DIP-Diesel Injection-Prechamber
VA-Vacuum Advance	EM-Engine Modification	MFI-Mechanical Fuel Injection
VR-Vacuum Retard	OC-Oxidation Catalyst System	TC-Turbocharged
	TR-Thermal Reactor	
	TWC-Three Way Catalyst System	
<u>Fuel System</u>		
CFI, CL, DID, DIP, EFI, MFI		
nV-nVenturi Carburetor		
VV-Variable Venturi		

<u>Vehicle Models</u>	<u>Carline</u>
1L-24	Plymouth Champ 2 Door Hatchback
1M-24	"
1L-44*	4-Door Hatchback
4L-24	Dodge Colt 2 Door Hatchback
4M-24	"
4L-44*	4-Door Hatchback

DRIVE SYSTEM: Front engine/Front drive
 Date Issued - 06/29/81
 Revised * - 08/18/81(RC#82-1.4C-1:07/31/81)Add'n of 4-dr. models.

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Mitsubishi E.O. #A-86-27

Engine Family CMT1.4V2BCA1 CID (liter) - Type 86 (1.4) L4

ECS (Special Features) AIV, CCV, EGR, 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.
1.4C-ML A1.4C-ME	1L-24 4L-24	M-4	2125	T4T62176	28-32 DID TA-210	K5T50996	VECI MD034460 Vac. Hose MD034500
	1M-24 4M-24	M-4X2					
	1I-44** 4I-44**		2250				

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

** - 08/18/81(RC#1.4C-1:07/31/81)Add'n of 4-dr. models