State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-11
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 1979 model-year gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
4G1M-C	86	Combustion Chamber Air Valve Exhaust Gas Recirculation Oxidation Catalyst

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 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4G1M-C	0.25	4.4	1.4

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 except Motorcycles".

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.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, The California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executive at El Monte, California this 7 day of September, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Executive Order No. A-86-11 Page 1

Engine Family 4G1M-C Engine (CID) 86

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Vehicle Models	Car Line/Type
1H-24 •	Plymouth Champ Custom 2-Door Hatchback
1M-24	Plymouth Champ 2-Door Hatchback
4H-24 •	Dodge Colt Hatchback Custom 2-Door
4M-24	Dodge Colt ~~Hatchback~~ 2-Door Hatchback

Evaporative Emission Control Family: E-79-1

E.O. #A 86 - 11

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

Manufacturer Mitsubishi Motors Corporation Page 2

Engine Family 4G1M-C Engine (CID) 86 Engine Code –

Emission Control System CCAV, EGR, OC + 10% (A/C) Yes ____ No X

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA,VA Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
4G1M-C-ML-S	1M-24 4M-24	M-4	2000	T3T05771	28-32 DID TA-180	K5T56071	(1) 5±1° BTDC with VA connected.
4G1M-C-ML-E		M-4 X2				K5T55171	(2) Below 0.1% CO.
	1H-24 4H-24		2250				(3) 700±50 rpm.

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 inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

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