

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-13  
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:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
4G3M-C	97.5	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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4G3M-C	0.22	4.6	1.1

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, Chief  
Vehicle Emissions Control Division

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Engine Family 4G3M-C Engine (CID) 97.5

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 Model

1H-24  
4H-24

Car Line/Type

Plymouth Champ Custom 2-Door Hatchback  
Dodge Colt Hatchback Custom 2-Door

Evaporative Emission Control Family: E-79-1

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E.O. #A 86 - 13

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Mitsubishi Motors Corporation

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Engine Family 4G3M-C Engine (CID) 97.5

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
4G3M-C-ML	1H-24 4H-24	M-4 X2	2250	T3T05771	28-32 DID TA-182	K5T56071	(1) 5+1° BTDC with VA connected.  (2) Below 0.1% CO.  (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.

Date of Issue - 9-6-78