State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-14
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)
4G5M-C	155.9	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
4G5M-C	0.25	8.1	1.0

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.

Executed at El Monte, California this 30 day of August, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Manufacturer Mitsubishi Executive Order No. A-86-14 Page 1

Engine Family 4G5M-C Engine (CID) 155.9

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
2H-29	Dodge Challenger 2-door Sport Coupe
3H-29	Plymouth Sapporo 2-door Sport Coupe
6H-45	Dodge Colt 4-door Wagon
7H-24	Plymouth Arrow GS 2-door Hatchback
7P-24	Plymouth Arrow GT 2-door Hatchback

Evaporative Emission Control Family: E-79

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

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Engine Family 4G5M-C Engine (CID) 155.9 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, EI Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
4G54M-C-M	7H-24 7P-24	M-5	2750	T4T60171	30-32 DID TA-180	K5T53771	1) 7±1° BTDC with VA connected. 2) Below 0.1% CO. 3) 850±50 rpm in neutral.
	2H-29 3H-29 6H-45		3000				
4G54M-C-A	7H-24 7P-24	A-3	2750		30-32 DID TA-181		
	2H-29** 3H-29 6H-45		3000				

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 - 8-29-78

**Add omitted models 10-3-78