

*Eo book*

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-8  
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 for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 4G3-C  
Engine: 97.5 CID  
Transmission: M-4/M-5/A-3  
Exhaust Emission Control Systems: Exhaust Gas Recirculation,  
Oxidation Catalyst, Combustion Chamber Air Bleed

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 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>
4G3-C	0.35	7.6	1.1

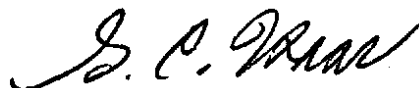
BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-86 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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 26 day of August, 1977.



G. C. Hass, Chief  
Vehicle Emissions Control Division

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Engine Family 4G3-C Engine (CID) 97.5

ABBREVIATIONS

Distributor

C-Centrifugal Advance  
 V-Vacuum Advance  
 VR-Vacuum Retard  
 HEI-High Energy Ignition  
 EI-Electronic Ignition  
Fuel System  
 EFI, FI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
 CAI-Catalyst Air Injection  
 CAB-Chamber Air Bleed  
 DD-Dual Displacement  
 EFI-Electronic Fuel Injection  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 EFE-Early Fuel Evaporation  
 ESAC-Electronic Spark Advance  
 Control  
 FI-Fuel Injection

OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 RC-Reduction Catalyst  
 TC-Turbo Charged  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst  
 (Feedback Control)  
EGR Syst. Service  
 I-Inspect, repair/replace  
 as needed  
 R-Replace

Models: (Marketed by Dodge Division of Chrysler Corp.)

- 6M-21 Dodge Colt 2 Door Coupe
- 6H-21 Dodge Colt 2 Door Custom Coupe
- MA -6H-41 Dodge Colt 4 Door Sedan
- 2H-29 Dodge Challenger 2 Door Coupe

Models: (Marketed by Plymouth Division of Chrysler Corp.)

- 3H-29 Plymouth Sapporo 2 Door Coupe
- 7L-24 Plymouth Arrow, 2 Door Hatchback Coupe
- 7H-24 Plymouth Arrow GS, 2 Door Hatchback Coupe
- 7P-24 Plymouth Arrow GT, 2 Door Hatchback Coupe

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Passenger Cars       Light-Duty Trucks       Medium Duty Vehicles

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Engine Family 4G3-C      Engine (CID) 97.5      Engine Code \_\_\_\_\_

Emission Control System EGR-OC-CAB      +10%(A/C)      Yes       No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C-V Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification
4G3-C-ML	6H-41 7L-24 7H-24	M-4	2500	Mitsubishi Electric T3T05772	Mikuni Kogyo Co. (28-32 DID TA-70)	K5T52771 I @ 15,000	(1) <del>500 ± 50 RPM</del> Idle speed w/Vacuum Connected * (2) Below 0.1% @ tailpipe. (3) 650 ± 50 RPM (manual). 700 ± 50 RPM * (automatic).
4G3-C-M	7P-24	M-5					
4G3-CMLE	6M-21 6H-21	M-4	2250	T3T05771		K5T52671 I @ 15,000	
4G3-C-M-S	2H-29 3H-29	M-5	2750	T3T05772	(28-32 DID TA-170)	K5T52771 I @ 15,000	
4G3-C-A	6H-21 6H-41 6M-21 7L-24 7H-24 7P-24	A-3	2500		(28-32 DID TA-72)		
4G3-C-A-S	2H-29 3H-29		2750		(28-32 DID TA-172)		

Comments: No models have special road load HP settings.  
See page 1 for abbreviations and model codes.

Date of Issue 8/26/77      Revisions: \* Corrected 3-3-78