State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-6
Relating to Certification of New Motor Vehicles

MITSUBISHI MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Mitsubishi Motors Corporation exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 4G5-C
Engine: 121.75 CID
Transmission: 3-Speed Automatic, 5-Speed Manual
Exhaust Emission Control Systems: Thermal Reactor, Exhaust Gas Recirculation Air Injection

Models: (Marketed by the Dodge Division of Chrysler Corporation)

6S-23 Dodge Colt Carousel 2-Door Hardtop Special Line
6P-23 Dodge Colt GT 2-Door Hardtop Premium Line
6H-45 Dodge Colt 4-Door Station Wagon High Line

(Marketed by the Plymouth Division of Chrysler Corporation)

7H-24 Plymouth Arrow 200 GS 2-Door Hatchback Coupe High Line
7P-24 Plymouth Arrow 200 GT 2-Door Hatchback Coupe Premium Line

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4G5-C	0.32	5.9	1.1

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 15th day of October, 1976.

G C Hass by A J Orachoud

G. C. Hass, Chief
Division of Vehicle Emissions Control

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Mitsubishi Motors Corporation Executive Order No. A-86-6 Page 1

Engine Family 4G5-C Engine (CID) 121.75 Engine Code 4G5-C-A, 4G5-C-M

Emission Control System TR-EGR-A1 +10%(A/C) Yes [ ] No [X]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V VR Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
6S-23	M-5	2,750	T3T04874XXX	30-32DID TA 60XXX	K5T55271	See Tune-Up Lable No. MD007286
6P-23	M-5	2,750			I-15,000	
6H-45	M-5	2,750				
7H-24	M-5	2,750				See Page 2.
7P-24	M-5	2,750				
6S-23	A-3	2,750				
6P-23	A-3	2,750		30-32DID TA-62XXX		
6H-45	A-3	2,750				
7H-24	A-3	2,750				
7P-24	A-3	2,750				

Comments

Date of Issue

Rev. 11/5/76

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 Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
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
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace

Engine Family : 4G5-C

VEHICLE EMISSION CONTROL INFORMATION

ENGINE FAMILY I.D.: 4G5-C ENGINE CID: 121.75
EXHAUST EMISSION CONTROL TYPE: TR + EGR + AIR

THIS VEHICLE CONFORMS TO U.S.E.P.A. REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES AND IS CERTIFIED FOR SALE AT ALTITUDES AT OR BELOW 4000 FEET. THIS VEHICLE CONFORMS TO CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES AND MAY BE SOLD IN CALIFORNIA AT ANY ALTITUDE.

ENGINE TUNE-UP SPECIFICATIONS AND ADJUSTMENTS

AT NORMAL OPERATING TEMPERATURE WITH LIGHTS AND ACCESSORIES OFF AND TRANSMISSION IN NEUTRAL

STEP	SPEC.	CONDITIONS
1. BASIC IGNITION TIMING SETTING	5°BTDC±1° AT 950±50RPM	REMOVE RUBBER CAP FROM DISTRIBUTOR
2. IGNITION TIMING CHECK, IDLE SPEED & IDLE MIXTURE SETTING	5°ATDC±3° 950±50RPM	ATTACH RUBBER CAP TO DISTRIBUTOR REMOVE AIR HOSE AND PLUG REED VALVE AIR INLET ADJUST IDLE CO TO BE LEANEST POSSIBLE, WITHOUT ANY MISFIRING, WITHIN THE RANGE OF 0.5~2.0%
3. IDLE SPEED CHECK, AND RESET IF NECESSARY	SAME SPEED AS ABOVE	PUT AIR HOSE BACK TO REED VALVE

VALVE CLEARANCE IN 0.006in
(ENGINE HOT) EX 0.010in

BREAKER POINT GAP 0.018~0.022in
SPARK PLUG GAP 0.030in

MITSUBISHI MOTORS CORPORATION

MD007286

ISSUE DATE			
REVISION NO.			
DATE			