State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-112
Relating to Certification of New Motor Vehicles

MITSUBISHI MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1990 model-year Mitsubishi Motors Corporation emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LMT1.6V5FC25 Displacement: 1.6 Liters (97.3 Inches^3)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Three-Way Catalyst
Heated Oxygen Sensor
On-Board Diagnostic System
Sequential Multipoint Electronic Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.39	7.0	0.4

The following are the certification emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.27	2.3	0.3

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".

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 Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Health and Safety Code Section 43205).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

This Executive Order rescinds Executive Order A-89-112 issued on June 21, 1989.

Executed at El Monte, California this 1st day of August, 1989.

K. D. Drachand, Chief
Mobile Source Division

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Mfr.: Mitsubishi Motors Corporation Eng. Family: LMT1.6V5FC25

Passenger Cars: X Light-Duty Trucks: _ Gas: X
Eng. Type: IL4 Liter (CID): 1.6 (97.3) Evap. Family: I
Emission Control Sys.: EGR+HO2S+TWC+(SMPI+OBD)
(Special Features)

Engine: Front X Rear _
Drive : FWD X RWD _ 4WD-FT _ 4WD-PT _

Eng. Code	Vehicle Models	Trans. Type	ETW	Ign. System (ECU/PROM) Part No.	EGR System Part No.	Catalyst Part No.
CM ACM	Dodge Colt Plymouth Colt Eagle Summit	M5	2750 2875	Crank Angle Sensor T1T49073 ECU E2T35871 or E2T35879 $	EGR Valve K5T50680 Solenoid K5T47172	MD131027 (E3)
CA ACA	Dodge Colt Plymouth Colt Eagle Summit	L4	2875	$ Crank Angle Sensor T1T49073 ECU E2T35871	EGR Valve K5T50681 Solenoid K5T47172	
$ CA-P ACA-P	Dodge Colt Plymouth Colt Eagle Summit			Crank Angle Sensor T1T49073 ECU E2T35879		

Note: Refer to §08.13.02 for RLHP.

Date of Issue: _____ Revisions:

Revised: 7-27-89 $

TEST WEIGHT & TEST HORSEPOWER

E.O. # A-86-112

Engine Family: LMT1.6V5FC25

(Engine Family) Car Line	Body Style	T/M Type	Test Weight	Tire	W/O A.C.		With A.C.		A.C. (%)
					Test HP	C/D Time	Test HP	C/D Time	
(1.6EF-D & 1.6EC-D)	2-HB	M/T	2750	P195/60R14	7.6	13.14	---	---	>33
Dodge Colt			2875	P195/60R14	---	---	8.4	13.00	
Plymouth Colt		A/T	2875	P195/60R14	7.6	13.25	8.4	12.53	
Mitsubishi Mirage	4-SD	M/T	2875	P195/60R14	7.6	13.74	8.4	13.00	
		A/T	2875	P195/60R14	7.6	13.25	8.4	12.53	
Eagle Summit									

Notes: 1. W/O A.C. ; Without Air Con.
2. Body Style; 2-HB; 2-door hatchback
; 4-SD; 4-door sedan
; 4-SW; 4-door station wagon