State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-113
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: LMT2.0V5FC19 Displacement: 2.0 Liters (121.9 Inches^3)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Three-Way Catalyst
Oxygen Sensor
On-Board Diagnostic System (Galant Models Only)
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)
0.21	1.4	0.2

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-89-113 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

E.O. # A-86-113 Page 1

Mfr.: Mitsubishi Motors Corporation Eng. Family: LMT2.0V5FC19

Passenger Cars: X Light-Duty Trucks: _ Gas: X

Eng. Type: IL4 Liter (CID): 2.0 (121.9) Evap. Family: I

Emission Control Sys.: EGR+O2S+TWC+(SMPI+OBD) (for Galant)

EGR+O2S+TWC+(SMPI) (for Colt Vista)

(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	Mitsubishi Galant	M5	3000 3125	Distributor T3T64174 ECU E2T36272 E2T36275 $	EGR Valve K5T50381 Solenoid K5T47172	MD130465 (G2)
CA ACA	Mitsubishi Galant	L4	3125 3250			
CM-Z ACM-Z	Dodge Colt Vista Plymouth Colt Vista	M5	3000 3125	Distributor T1T42074 ECU E2T33771	EGR Valve K5T50282 Solenoid K5T47172	MD130465 (G2)
CA-Z ACA-Z	Dodge Colt Vista Plymouth Colt Vista	L3	3000 3125			

Note: Refer to §08.13.02 for RLHP.

Date of Issue: _____ Revisions: 10-16-89 $

TEST WEIGHT & TEST HORSEPOWER

E.O. # A-86-113

Engine Family: LMT2.0V5FC19

(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	
(2.0EF-S & 2.0EC-S)	4-SD	M/T	3000	P185/70R14	7.2	16.80	---	---	>33
Mitsubishi Galant			3125	P185/70R14	---	---	7.9	16.53	
		A/T	3125	P185/70R14	7.2	16.80	7.9	15.87	
			3250	P185/70R14	---	---	7.9	16.50	
Dodge Colt Vista	4-SW	M/T	3000	P165/80R13 P185/70R13*	8.7	14.70	---	---	
Plymouth Colt Vista			3125	P165/80R13 P185/70R13*	---	---	9.6	14.32	
Mitsubishi Space Wagon		A/T	3000	P165/80R13 P185/70R13*	8.7	14.22	---	---	
			3125	P165/80R13 P185/70R13*	---	---	9.6	13.89	

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
3. * ; Test Tire