State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-62
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 1986 model-year Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
GMT1.5V2FCA1	89.6	(1.5)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Combustion Chamber Valve)

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	0.7

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
0.24	3.1	0.5

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 Administrative Code, 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 1981 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 Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) 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 regulations (Title 13, California Administrative Code, Section 2035 et seq.)

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.

Executed at El Monte, California this 3rd day of July, 1985.

K. D. Drachand, Chief
Mobile Source Division

08.13.02 Test Horsepower — Mitsubishi 1985 MY

(Engine Family) Car Line	Body Style	Tire	Test Weight	Without A.C. Test HP	Without A.C. Coast-down Time	With A.C. Test HP	With A.C. Coast-down Time	Type
(1.5F & 1.5C)								
Dodge Colt	2-HB	P145/80R13	2250	7.3	13.88	7.3	13.88	CD
Plymouth Colt		P155/80R13	2250	7.4	13.42	7.4	13.42	
Mitsubishi Mirage			2375	—	—	7.5	14.16	
	4-SD	P155/80R13	2250	7.0	14.09	—	—	CD
			2375	7.0	14.86	7.0	14.86	
			2500	7.1	15.62	7.1	15.62	
(1.6EF & 1.6EB)								
Dodge Colt	2-HB	185/60R14	2500	10.0	—	—	—	FA*
Plymouth Colt								
Mitsubishi Mirage				7.8	13.03	7.8	13.03	CD
	4-SD	185/60R14	2500	8.2	12.63	—	—	CD
			2625	8.2	13.25	8.2	13.25	
(1.8EF & 1.8EB)								
Mitsubishi Cordia	2-HB	195/60R14 85H	2875	—	—	10.4	—	FA*
			2750	7.2	14.15	—	—	CD
			2875	—	—	7.9	14.06	
Mitsubishi Tredia	4-SD	195/60R14 85H	2750	8.1	13.12	—	—	CD
			2875	—	—	8.9	13.00	

Notes:
1. A.C.: Air Con.
2. Body Style: 2-HB: 2-door hatchback, 4-SD: 4-door sedan
3. Type: CD: Coastdown method
   FA: Frontal area method
4. *: Applicable to durability-data vehicles only

Issued : 11-30-84
Revised: 1-18-85, 4- 9-85

(Engine Family) Car Line	Body Style	Tire	Test Weight	Without A.C. Test HP	Without A.C. Coast-down Time	With A.C. Test HP	With A.C. Coast-down Time	Type
(2.0F & 2.0C)								
Mitsubishi Cordia	2-HB	P185/70R13	2625	6.6	15.42	—	—	CD
			2750	6.6	16.14	7.3	15.14	
Mitsubishi Tredia	4-SD	P185/70R13	2750	7.7	14.70	8.5	13.78	CD
Dodge Colt Vista	4-SW	P185/70R13	2875	8.7	14.57	—	—	CD
Plymouth Colt Vista			3000	—	—	9.6	13.61	
Mitsubishi Space Wagon								
(2.4EF & 2.4EB)								
Mitsubishi Galant	4-SD	185/70HR14	3250	—	—	8.5	14.37	CD
(2.6EF & 2.6EB)								
Dodge Conquest	2-HB	215/60R15 90H	3250	—	—	10.6	—	FA*
Plymouth Conquest			3250	8.5	15.78	9.4	14.78	CD
Mitsubishi Starion			3375	—	—	9.4	15.32	

Notes:

1. A.C.: Air Con.
2. Body Style: 2-HB: 2-door hatchback, 4-SD: 4-door sedan
   4-SW: 4-door station wagon
3. Type: CD: Coastdown method
   FA: Frontal area method
4. *: Applicable to durability-data vehicles only

Issued : 1-18-85
Revised: 4- 9-85, 5-17-85

(Engine Family) Car Line	Tire	Test Weight	Without A.C. Test HP	Without A.C. Coast-down Time	With A.C. Test HP	With A.C. Coast-down Time	Type
(2.0TF & 2.0TB)							
Dodge Colt Vista 4WD	P185/70R14	3250	10.2	14.34	11.2	13.37	CD
Plymouth Colt Vista 4WD							
Dodge RAM50 2WD	185SR14	2750	11.4	11.73	—	—	CD
Mitsubishi Truck 2WD		2875	11.4	12.26	11.4	12.26	
(2.6TF & 2.6TB)							
Dodge RAM50 2WD	185SR14	3000	11.4	12.78	11.4	12.78	CD
Mitsubishi Truck 2WD		3125	—	—	11.4	13.04	
Dodge Power RAM50 4WD	GR78-15	3250	12.3	12.11	—	—	CD
Mitsubishi Truck 4WD		3375	12.4	12.56	12.4	12.56	
Mitsubishi Montero	215SR15	3625	14.5	11.27	15.9	10.61	CD

Notes:
1. A.C.: Air Con.
2. Type: CD: Coastdown method

Issued : 1-18-85
Revised: 2-13-85

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Motors Corp. Executive Order No. A-86-62

ABBREVIATIONS

Ignition System

CA -Centrifugal Advance
EEC -Electronic Engine Control
EI -Electronic Ignition
ESAC-Electronic Spark Advance
VA -Vacuum Advance
VR -Vacuum Retard

Fuel System

CFI, CL, DID DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL -Closed Loop
EGR-Exhaust Gas Recirculation
EM -Engine Modification
OC -Oxidation Catalyst System
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
TR -Thermal Reactor
TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC -Intercooler
MFI-Mechanical Fuel Injection
TC -Turbocharged

Issued : 5-31-85
Revised:

E.O. #A -86-62

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Mitsubishi Motors Corp.

Engine Family GMT1.5V2FCA1 Evaporative Family CC-A

Passenger Cars X Light-Duty Trucks ___ Medium-Duty Vehicles ___ Gas X Diesel ___

Engine CID (liter) - Type 89.6 (1.5) - L4

ECS (Special Features) AIV+CL+EGR+TWC (OCV)

Drive System Front engine / Front drive

Add 10 % to dyno test HP for air conditioning usage ___

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Body* ETW	Ign. System CA,EI,VA Part No.	Fuel System CL,2V Part No.	EGR Valve Part No.	Label Ident. Part No.
CM4 ACM4	Dodge Colt Plymouth Colt Mitsubishi Mirage	M4	2-HB 2250	Distributor T3T62677	30-32DID TF-302	K5T57274	VECI MD098835 Vac Hose MD097803
CM5 ACM5	Dodge Colt Plymouth Colt Mitsubishi Mirage	M5	2-HB 2250				
	Dodge Colt Plymouth Colt		4-SD 2250 2375				
CA ACA	Dodge Colt Plymouth Colt Mitsubishi Mirage	A3	2-HB 2250		30-32DID TF-303		
	Dodge Colt Plymouth Colt		4-SD 2375 2500				

Notes: 1. *: 2-HB: 2-door hatchback; 4-SD: 4-door sedan
2. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

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Revised: