State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-119
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 light-duty trucks:

Engine Family: LMT3.0T5FC17 Displacement: 3.0 Liters (181.4 inches$^3$)

Equipped with the following exhaust emission control systems:

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

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

The following are the emission standards for this engine family:

| Loaded Vehicle Weight (lbs. | Hydrocarbons (Grams per Mile) | Carbon Monoxide (Grams per Mile) | Nitrogen Oxides (Grams per Mile) |
|---|---|---|---|
| 0-3750 | 0.39 | 9.0 | 0.4 |

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

| Loaded Vehicle Weight (lbs.) | Hydrocarbons (Grams per Mile) | Carbon Monoxide (Grams per Mile) | Nitrogen Oxides (Grams per Mile) |
|---|---|---|---|
| 0-3750 | 0.22 | 1.7 | 0.2 |

BE IT FURTHER RESOLVED: That the listed vehicle models also comp 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.

Executed at El Monte, California this 21st day of June, 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: LMT3.0T5FC17

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

Eng. Type: V6 Liter (CID): 3.0 (181.4) Evap. Family: I

Emission Control Sys.: EGR+HO2S+TWC+(SMPI+OBD)

(Special Features)

Engine: Front X Rear _

Drive : FWD _ RWD X 4WD-FT _ 4WD-PT X

| Eng. Code | Vehicle Models | Trans. Type | ETW | Ign. System (ECU/PROM) Part No. | EGR System Part No. | Catalyst Part No. |
|---|---|---|---|---|---|---|
| CM-F<br>ACM-F | Dodge Power RAM50 4WD<br>Mitsubishi Truck 4WD | M5 | 3625<br>3750 | Distributor T5T42371<br>ECU E2T35171# | EGR Valve K5T50386<br>Solenoid K5T47172 | MD143071 |
| CA-F<br>ACA-F | Dodge Power RAM50 4WD | L4 | 3625<br>3750<br>3875 | | | |

Note: Refer to §08.13.02 for RLHP.

Date of Issue: _____ Revisions: