

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-40
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 1983 model-year Mitsubishi Motors Corporation exhaust emission control systems are certified as described below for diesel-powered light-duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DMT2.3K6JCA2	143.2 (2.3)	Engine Modification (Diesel Injection - Prechamber) (Turbocharger)

Vehicle Models, Transmissions, Engine Codes as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.41	9.0	1.5

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.31	1.2	1.1


BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's 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 Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 11th day of August, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

Manufacturer Mitsubishi Motors Corp. Executive Order No. A-86-40 Page 1
 Engine Family DMT2.3K6JCA2 Evaporative Family Not Applicable
 Engine CID(liter) 143.2(2.3)

ABBREVIATIONS

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AIP-Air Injection Pump	CCV-Combustion Chamber Valve
EEC-Electronic Engine Control	CL-Closed Loop	CFI-Central Fuel Injection
EI-Electronic Ignition	EGR-Exhaust Gas Recirculation	DID-Diesel Injection-Direct
ESAC-Electronic Spark Advance Control	EM-Engine Modification	DIP-Diesel Injection-Prechamber
VA-Vacuum Advance	OC-Oxidation Catalyst	MFI-Mechanical Fuel Injection
VR-Vacuum Retard	AIV-Air Injection Valve (Pulse Air Injection)	TC-Turbocharged
	TR-Thermal Reactor	
	TWC-Three Way Catalyst	

Fuel System

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

<u>Vehicle Models</u>	<u>Carline</u>
9JP4	Dodge RAM50 Pickup
0JP4	Colt Colt Pickup
L028P-J	Mitsubishi Truck
9KP4*	Dodge Fower RAM50 Pickup 4WD
OKP4*	Colt Colt Pickup 4WD
L028G-J*	Mitsubishi Truck 4WD

DRIVE SYSTEM: Front engine/Rear drive
 (*: Front engine/4 wheel drive)

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Issue Date:	MAY 20 1982	Date	___/___/___	EPA Rep.	_____
Revision Date:					

17.16.03.00 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

 Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas DieselManufacturer Mitsubishi Motors Corp.E.O.# A-86-40Engine Family DMT2.3K6JCA2CID(liter)-Type 143.2(2.3)L4ECS (Special Features) DIP, MFI, TC+ 10% (A/C) Yes No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Distributor Part No.	Fuel System DIP, MFI, TC Part No.	EGR Valve Part No.	Label Identification
2.3TC-M A2.3TC-M	9JP4 OJP4 L028P-J	M5	3,000	Not Applicable	NP-VE4/ 10F2100RNP 167	Not Applicable	VECI MD065109 Vac Hose* Not Available
	9KP4 OKP4 L028G-J		3,375				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and test weight.

* Vacuum hose routing diagram is not available to diesel trucks.

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