

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-174

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

MITSUBISHI MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Mitsubishi Motors Corporation 1994 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

<u>Engine Family</u>	<u>Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
RMT238B7DAAA	3.9 (238)	Charge Air Cooler Oxidation Catalytic Converter Turbocharger

Engine models and codes are listed on attachments.

The following are the certification emission standards for this engine family in grams per brake horsepower-hour:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.10

The following are the certification emission values for this engine family in grams per brake horsepower-hour:

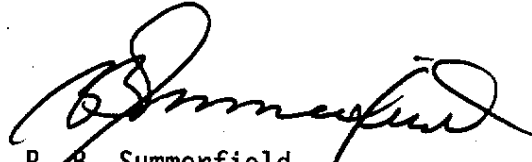
<u>Engine Family</u>	<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
RMT238B7DAAA	0.2	1.8	4.7	0.08

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Engines 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 attachments.

Executed at El Monte, California this 20<sup>th</sup> day of January, 1994.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

Manufacturer   MITSUBISHI MOTORS CORPORATION   Engine Family   RMT238B7DAAA    
 Liters (CID)   3.9   (   238   ) Fuel Type   Diesel   Engine Config.   In-line OHV (4 cylinder)    
 Exhaust ECS & Special Features \_\_\_\_\_, CAC & CAT   TC    
 (Use abbreviations per SAE J1930 Sept 91)   (OC)  

Engine Model (Eng. Code)	Fuel Pump Mfr. P/N	Injector Mfr. P/N	Rated HP @ RPM	Fuel Rate @ Rated HP cc/stroke	Catalyst Mfr. P/N k
4D34T3A-US94	ME015230(M/T) ME015231(A/T)	ME015202	135 hp @3000	0.075	ME290188
4D34T3B-US94	ME015260(M/T) ME015261(A/T)	ME015202	145 hp @2900	0.083	ME290188

Revisions:  
1290