

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-136  
Relating to Certification of New Heavy-Duty Motor Vehicle Engines

MERCEDES-BENZ AG

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 Mercedes-Benz AG 1993 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>Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
PMB5.96FAA1	6.0 (364)	Turbocharger Charge Air Cooler Smoke Puff Limiter

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	0.25

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

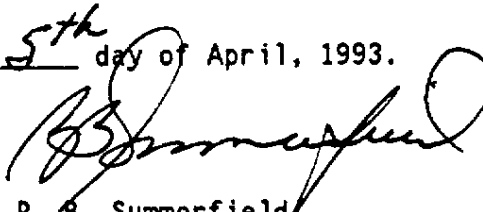
<u>Engine Family</u>	<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
PMB5.96FAA1	0.4	1.4	4.8	0.20

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 5<sup>th</sup> day of April, 1993.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

Manufacturer: MERCEDES-BENZ                      Engine Family: PMB 5.96 FAA 1  
LITERS (CID): 5.96 (364)                                      Engine Type : L6  
Emission Control Sys. & Special Features:                      SPL, CAC, TC  
(Use abbreviations per SAE J1930 Jun.88)

Engine Model (Eng. Code )	Fuel Pump Mfr. P/N	Injector Mfr. P/N	Rated HP @ RPM	Fuel Rate @Rated HP cc/stroke	Prt.Trap/ Catalyst Mfr.P/N
OM 366 LA (Code I )	0180746602	0020171312 0020173812 (opt.)	230/2600	102...106	---
OM 366 LA (Code II)	0180746502	0020171312 0020173812 (opt.)	210/2600	91....95	---
OM 366 LA (Code III)	0180746402	0020171312 0020173812 (opt.)	190/2600	80.5.83.5	---
OM 366 LA (Code IV)	0180746302	0020171112 0020173712 (opt.)	170/2600	76....79	---

Revisions:  
042090

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