

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-117  
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 1991 model diesel-cycle 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>
MMB5.96FAA3	5.96	364	Smoke Puff Limiter Turbocharger Charge Air Cooler

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>Total 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>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
MMB5.96FAA3	0.5	1.8	5.0	0.23

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 15<sup>th</sup> day of May, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

Manufacturer: MERCEDES-BENZ                      Engine Family: MMB 5.96 FAA 3  
LITERS (CID): 5.96 ( 364 )                      Engine Type : L6  
Emission Control Sys. & Special Features:                      SPL , TC, CAC  
(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	230/2600	102...106	—
OM 366 LA (Code II)	0180746502	0020171312	210/2600	91....95	—
OM 366 LA (Code III)	0180746402	0020171312	190/2600	80.5.83.5	—
OM 366 LA (Code IV )	0180746302	0020171112	170/2600	76....79	—

Revisions:  
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