

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-126

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 1992 model diesel engine is 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> |
|----------------------|------------------------------|--|
| NMB5.96FAA2          | 6.0 (364)                    | Smoke Puff Limiter<br>Turbocharger<br>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>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> |
|----------------------|---------------------|------------------------|------------------------|---------------------|
| NMB5.96FAA2          | 0.4                 | 1.4                    | 4.8                    | 0.20                |

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all materials required 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 19<sup>th</sup> day of March, 1992.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
 HEAVY-DUTY DIESEL ENGINES

Manufacturer: MERCEDES-BENZ      Engine Family: NMB 5.96 FAA 2  
 LITERS (CID): 5.96 ( 364 )      Engine Type : L6  
 Emission Control Sys. & Special Features:      SPL ,      TC, *CAL*,  
 (Use abbreviations per SAE J1930 Jun.88)

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

Revisions:  
 042090