State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-151

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 1995 model-year Mercedes-Benz AG diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

| Engine Family | Engine Displacement Liters | (Cubic Inches) | Exhaust Emission Control Systems and Special Features |
|---|---|---|---|
| SMB6.0D6DAAA | 6.0 | (364) | Turbocharger<br>Charge Air Cooler<br>Smoke Puff Limiter<br>Oxidation Catalytic Converter |

Engine models and codes are listed on attachments.

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

| Hydrocarbons | Carbon Monoxide | Nitrogen Oxides | Particulates |
|---|---|---|---|
| 1.3 | 15.5 | 5.0 | 0.10 |

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

| Engine Family | Hydrocarbons | Carbon Monoxide | Nitrogen Oxides | Particulates |
|---|---|---|---|---|
| SMB6.0D6DAAA | 0.2 | 0.6 | 4.8 | 0.07 |

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 13th day of April, 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-3-151

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HEAVY-DUTY DIESEL-STANDARD ENGINES

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Manufacturer Mercedes-Benz Engine Family SMB6.0D6DAAA

Displacement: ___ / 5.96 Liters ___ / 364 Cubic Inches

Maximum Rated Power: 230 HP @ 2300 RPM Engine Configuration: I-6

Ignition: Compression X Compression with Glow Plug ___ Spark ___

Fuel Type(s): Dedicated ___ Flex-Fuel ___ Dual-Fuel ___ Diesel X M100 ___ M85 ___

CNG ___ LNG ___ LPG ___ Other (specify) ___

Diesel Cert Fuel: 13 CCR 2282 ___ 40 CFR 86.1313-90 ___ 40 CFR 86.1313-94 X

Primary Intended Service Class: LHD ___ MHD X HHD ___ Urban Bus ___

Exhaust ECS (incl. MFI, TC, CAC): CAC, OC, SPL, TC

(use abbreviations per SAE J1930 SEP91)

| Engine Model (Eng Code) | Rated HP @ RPM | Fuel Rate @ Rated HP $mm^3$ / stroke (lbs/hr) | Fuel Pump & Injector Part No. | ECM/PCM Part No. | EGR Valve Part No. | PTOX / Catalytic Converter Part No. |
|---|---|---|---|---|---|---|
| OM366LA (Code I) | 230/2300 | 115...121 (87.7...92.3) | 0250741402 & 0020175912 | - | - | 04-16845-002 (H/V Exh.) 04-16845-003 (H/H Exh.) |
| OM366LA | 210/2300 | 106...112 (81.0...85.5) | 0250741302 & 0020175112<br>0240741002 & 0020175112 | - | - | 04-16845-002 (H/V Exh.) 04-16845-003 (H/H Exh.) |

Date Issued:

Revisions: ___ | ___ | ___ | ___ | ___ | ___