

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-64
Relating to Certification of New Motor Vehicles

DAIMLER-BENZ AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1986 model-year Daimler-Benz AG exhaust emission control systems are certified as described below for diesel-powered passenger cars:

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|---|---|
| GMB3.0D9KA17 | 183 (3.0) | Exhaust Gas Recirculation Trap Oxidizer - Continual (Diesel Injection-Prechamber) (Turbocharged) |

Vehicle models, transmissions and engine codes are listed on attachments.

The following are the emission standards for this engine family:

| <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per mile</u> | <u>Particulates Grams per Mile</u> |
|--|---|---|--|
| 0.46 | 8.3 | 1.0 | 0.2 |

The following are the certification emission values for this engine family:

| <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> | <u>Particulates Grams per Mile</u> |
|--|---|---|--|
| 0.15 | 1.0 | 0.8 | 0.1 |

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

Vehicles 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 attachment.

Executed at El Monte, California this 30th day of August, 1985.


K. D. Drachand, Chief
Mobile Source Division

Manufacturer Daimler Benz AG Executive Order No. A-3-64
 Engine Family GMB3.0D9KA17 Evaporative Family DNA
 Engine CID (Liters) 183 (3.0)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance
 Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber
 CFI-Central Fuel Injection
 DID-Diesel Injector
 Direct
 DIP-Diesel Injector
 Prechamber
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharge

VEHICLE MODELS: 300D-Turbo
 300TD-Turbo
 300SDL-Turbo

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

E.O. #A -3-64

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Daimler-Benz AG Page 2

Engine Family GMB3.0D9KA17 Engine Code OM603A

ECS (Special Features) EGR/TOC (DIP/TC) CID (Liter)-Type 183 (3.0) L-6

| Engine Code | Vehicle Models (If Coded see attachment) | Trans. | Equiv. Test Weight | Ign. System | Fuel System | EGR Valve | Label Ident. |
|-------------|--|--------|--------------------|-------------|---|--------------------|-----------------------------------|
| | | | | Part No. | Part No. | Part No. | Part No. |
| OM603A | 300D-Turbo | A-4 | 3750 | DNA | FI-Pump: PES6M55C320- -RS157 Governor: RSF315/2300- -M64 | 6171400260 | Tune-up: 126584622 |
| | 300TD-Turbo | A-4 | 4000 | DNA | | TOC: 6171420194 | Vac. Line Diagr.: 126584492 |
| | 300SDL-Turbo | A-4 | 4250 | DNA | | | |

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -