

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-44
Relating to Certification of New Motor Vehicles

DAIMLER-BENZ AKTIENGESELLSCHAFT

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 1982 model-year Daimler-Benz Aktiengesellschaft 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> |
|----------------------|---|---|
| CMB3.0D9JOA9 | 183 (3.0) | Exhaust Gas Recirculation (Diesel Injection) (Turbocharged) |

Vehicle Models, Transmissions, and Engine Codes as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1982 model-year vehicles:

| <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|--|---|---|
| 0.41 | 7.0 | 1.5 |

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> |
|--|---|---|
| 0.17 | 1.0 | 1.2 |

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's 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 Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 2nd day of October, 1981.


K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Daimler Benz AG Executive Order No. A-3-44 Page 1
 Engine Family CMB3.0D9JOA9 Evaporative Family —
 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

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 Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

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

Model

300D - Turbo
 300CO - Turbo
 300TD - Turbo
 300SD - Turbo

DRIVE SYSTEM: Front Engine/Rear Wheel

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

Manufacturer Daimler-Benz AG

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Engine Family CMB3.009J0A9

Engine Code OM 617-T-3

ECS (Special Features) FI/EGR (TC) CID (Liters)-Type 183.0 (3.0) L-5

| Engine Code | Vehicle Models (If Coded see attachment) | Trans. | Test Weight Class | Ign. System | Fuel System | EGR Valve | Label Ident. | |
|-------------|---|--------|-------------------|-------------|---------------------------|---------------|---------------------------|-----------------------------------|
| | | | | Part No. | Part No. | Part No. | Part No. | |
| OM 617-T-3 | 300 D-Turbo * | 4-A | 3 875 | n/a | MFI/TC | | | Emission Control 123 584 28 26 |
| | 300 CD-Turbo * | | 3 875 | | | | | |
| | 300 TD-Turbo * | | 4 000 | | | | | |
| | 300 SD-Turbo * | | 4 000 | | | | | |
| | | | | | Mfr. Part No.: | DB Part No.: | Vacuum routing diagram | |
| | | | | | Fuel Pump: | 617 140 00 60 | 123 584 31 26 | |
| | | | | | PES 5 MW 55/ 320 RS 16 | | | |
| | | | | | Governor: | | | |
| | | | | | RW 375/2200 MW 28-1 | | | |

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's H² list for correct dyno test H² settings based on model and equipment.

*Add 10 to dyno test H² for air conditioning usage.

Date of Issue -