State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-52
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 1984 model-year Daimler-Benz AG exhaust emission control systems are certified as described below for diesel-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
EMB3.0D9J010	183 (3.0)	Exhaust Gas Recirculation (Diesel Injection - Prechamber) (Turbocharged)

Vehicle models, transmissions and engine codes are 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 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles".

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.46	8.3	1.0

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.27	1.6	0.9

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 8th day of September, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Daimler-Benz AG

Executive Order No. A-3-52

Engine Family EMB3.0D9J010

Evaporative Family n/a

Engine CID (Liters) 183 (3.0) Liters

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 Featur

CCV-Combustion Chamber V
CFI-Central Fu Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:

300 D	Turbo
300 CD	Turbo
300 TD	Turbo
300 SD	Turbo

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

122182

E.O. #A-3-52

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Daimler-Benz AG

Page 2

Engine Family EMB3.0D9J010

Engine Code OM 617-TC

ECS (Special Features) DIP/EGR/TC

CID (Liter)- Type (183) (3.0) L-5

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
OM 617-TC	300SD - Turbo 300D - Turbo 300CD - Turbo 300TD - Turbo	A-4	4000 3875 3875 4000	n/a	FI-Pump: PES5MW55/ 320 RS 16-1 Governor: RW375/2200 MW 28-3	617 140 01 60	Tune-Up Label: 123 584 71 26 Vac. Hose Diagram: 123 584 72 26

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 -

071080

EMISSION DATA SELECTION WORKSHEET

Emission Control System : FI/EGR
Engine Code : OM617-TC

1. Body Style	ETW (lbs) incl. options over 33%
a) 300 D-Turbodiesel	3 875
b) 300 CD-Turbodiesel	3 875
c) 300 TD-Turbodiesel	4 000
d) 300 SD-Turbodiesel	4 000

2. Body Style	Road Load Power[1] (HP)
a) 300 D-Turbodiesel	11.5
b) 300 CD-Turbodiesel	11.5
c) 300 TD-Turbodiesel	10.6
d) 300 SD-Turbodiesel	11.5

3. Engine Code	Displacement (cm^3)
a) OM617-TC	2 998
b)	

4. Engine Code	Fuel Flow (cm^3/min) at max. rated torque
a) OM617-TC	325
b)	

5. Body Style	Transmission	Axle Ratio
a) 300 D-Turbodiesel	4-A	3.07
b) 300 CD-Turbodiesel	4-A	3.07
c) 300 TD-Turbodiesel	4-A	3.07
d) 300 SD-Turbodiesel	4-A	3.07

1) incl. 10% for A/C