

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-18  
Relating to Certification of New Motor Vehicles

DAIMLER-BENZ AKTIENGESELLSCHAFT

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 Daimler-Benz Aktiengesellschaft exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 77/2/L-4V/DBC-2.3  
Engine: 141 CID  
Transmission: 4 Speed Automatic  
Exhaust Emission Control Systems:

Air Injection, Exhaust Gas  
Recirculation, Oxidation Catalyst,  
Reduction Catalyst

Model: Mercedes-Benz 230

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
77/2/L-4V/DBC-2.3	0.27	5.5	1.1

BE IT FURTHER RESOLVED: That this certification is contingent upon Daimler-Benz Aktiengesellschaft affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Daimler-Benz Aktiengesellschaft listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 10 day of December, 1976.



G. C. Hass, Chief  
Vehicle Emissions Control Division

Manufacturer Daimler-Benz AG      Executive Order No. A-3-18      Page 1  
 Engine Family 77/2 /L-4V/DBC-2.3      Engine (CID) 141      Engine Code \_\_\_\_\_  
 Emission Control System AI-EGR-OC-RC      +10%(A/C) Yes       No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V Mfgr. Part Number	Fuel System Type 1-1V Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Mercedes-Benz 230	A/T4	3500	Bosch 001 158 98 01	DVG 001 070 36 04	000140 5760	1) 10° BTDC @ 850 RPM in neutral; vacuum line to distributor remain connected. 2) 0.4 - 2.0% CO in neutral measured at exhaust manifold tap upstream of catalyst. 3) 850 RPM in neutral

Comments    \*\*No Service  
 Axle ratio: 3.69

Date of Issue

**Abbreviations**

Distributor

- C-Centrifugal Advance
  - V-Vacuum Advance
  - VR-Vacuum Retard
  - HEI-High Energy Ignition
  - EI-Electronic Ignition
- Fuel System
- EFI, FI
  - nV-nVenturi Carburetor
  - VV-Variable Venturi

Exhaust Emission Control System

- AI-Air Injection
- CAI-Catalyst Air Injection
- EFI-Electronic Fuel Injection
- EGR-Exhaust Gas Recirculation
- EM-Engine Modification
- EFE-Early Fuel Evaporation
- ESAC-Electronic Spark Advance Control
- FI-Fuel Injection

- OC-Oxidation Catalyst
- PAI-Pulse Air Injection
- RC-Reduction Catalyst
- TR-Thermal Reactor
- TWC-Three Way Catalyst
- λ-Air Fuel Ratio Sensor

**\*Service**

- I-Inspect, repair/replace as needed
- R-Replace