

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-22
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/V-8E/OC-6.9
- Engine: 417 CID
- Transmission: 3 Speed Automatic
- Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Fuel Injection, Oxidation Catalyst

Model: Mercedes-Benz 6.9

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/V-8E/OC-6.9	0.30	6.1	1.2

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.

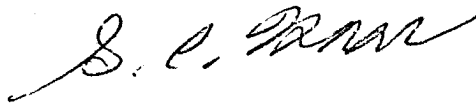
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

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

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Engine Family 77/2/V-8E/OC-6.9 Engine (CID) 417 Engine Code

Emission Control System AI-EGR-FI-OC +10%(A/C) Yes No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V,VR,EI Mfgr. Part Number	Fuel System Type FI Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Mercedes-Benz 6.9	A/T3	4500	Bosch 002 158 2901	Bosch 000 070 07 06	000140 3560	1) TDC @ 600 RPM in neutral; vacuum line to distributor remain connected. 2) 0.2-2% CO in neutral; air injection disconnected; measured at tap on left side of exhaust manifold by disconnecting exhaust hose to EGR transducer. 3) 600 RPM in neutral

Comments **No Service
 Axle ratio 2.65

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