

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-19  
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 car are certified for the engine family described below:

- Engine Family: 77/2b/L-6E/DBC-2.8
- Engine: 167.5 CID
- Transmission: 4 speed automatic
- Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Fuel Injection, Oxidation Catalyst, Reduction Catalyst

- Models: Mercedes Benz 280E
- Mercedes Benz 280 SE

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>
77/2b/L-6E/DBC-2.8	0.36	2.0	1.4

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.

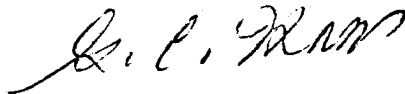
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

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 9 day of December, 1976.



G. C. Hass, Chief  
Vehicle Emissions Control Division

Manufacturer Daimler-Benz AG Executive Order No. A-3-19 Page 1  
 Engine Family 77/2b/L-6E/DBC-2.8 Engine (CID) 167.5 Code \_\_\_\_\_  
 Emission Control System AI-EGR-FI-OC-RC +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 280E 280SE	A/T4	4000	Bosch 002 158 28 01	Bosch 000 070 0806	000 140 5860	1) TDC @ 800 RPM in neutral; vacuum line to distributor remain connected.  2) 0.4 - 2.0% CO in neutral; air injection disconnected; measured at exhaust manifold top of cylinder 1 to 3 located upstream of catalyst.  3) 800 RPM in neutral

Comments \*\*No Service  
 Axle ratio: 3.69, 3.54

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