

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-17
Relating to Certification of New Motor Vehicle Engines

DAIMLER-BENZ AKTIENGESELLSCHAFT

Pursuant to the authority vested in the Air Resources Board by Sections 43100 and 43102 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 1976 model-year diesel-powered engines in heavy-duty vehicles are certified for the engine family described below:

<u>Engine Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Type</u>
OM 402	778.8	Code I Code II Code III	V-8-Natural Aspiration

Section 43200, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
OM 402	8	3

Engines 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 13 day of April, 1976.



G. C. Hass, Chief
Division of Vehicle Emissions Control

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR
HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: Daimler-Benz Aktiengesellschaft		EXECUTIVE ORDER NO. A-3-17		PAGE NO. 1					
Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump Mfgr. Part No.	Injectors Mfgr. Part No.	Tune-Up Specification Max Rated H.P. and RPM	Initial Injection Timing	Fuel Rate	Remarks (Emission System)
OM 402	Code I	778.8	N.A.	Robert Bosch PE 8 P 100 A 320/LS 810	Bosch DLLA 144 S 485 Daimler-Benz 000 017 602	260 HP @ 2500 RPM	15° BTDC	(1) 87-97 (2) 95.5-106.5	
	Code II			PE 8 P 100 A 320/LV11556		240 HP @ 2500 RPM		(1) 80-89 (2) 87.8-97.8	
	Code III			PE 8P 100 A 302/LS810		240 HP @ 2300 RPM		(1) 86-96 (2) 86.9-97.3	

Abbreviations:

- *N.A. - Natural Aspiration
 - T.C. - Turbocharged.
 - T.C.A.- Turbocharged and After-cooled.
- Fuel Rate at Maximum Horsepower
(1) mm³/stroke
(2) lbs/hour