State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-1
Relating to Approval of New Motor Vehicles

DAIMLER-BENZ, AG.

Pursuant to the authority vested in the Air Resources Board by Section 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Healty and Safety Code;

IT IS ORDERED AND RESOLVED: That Daimler-Benz, AG. exhaust emission control systems for 1973-model light-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size (cubic inches)	Exhaust Emission Control Systems	Vehicle Model
1	134	Engine Modification & Exhaust Gas Recirculation	MB220

Section 39152, Part 1, Division 26 of the California Health and Safety Code, requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that engine family for which approval has been granted by the Board.

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

Engine Family	Hydrocarbons gms/mi	Carbon Monoxide gms/mi	Nitrogen Oxides gms/mi
1	1.7	19	2.2

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

Section 3 of the above procedure requires the manufacturer to submit, before the start of a model-year, a list of the items to be functionally checked and the procedure, including instrumentation, for performing these checks.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the ARB of any production changes which will affect emissions.

Supplemental information sheets are attached to this Order which include tune-up specifications and emission control system data.

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

Executed at Sacramento, California, this 18th day of September, 1972.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: DAIMLER-BENZ (MERCEDES)

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Model		Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
								Exhaust	NOx	Evap.	Other
I	MB 220	134	1	A & M	Bosch To be supplied	C, V & R	DVG - Solex To Be supplied	EM	EGR	Crankcase Storage	1,2,3,4
II	MB 280 & MB 280C	167.5	4	A							

1. Vacuum switch controls EGR
2. Engine speed relay water temperature switch controls ignition retard.
3. Transmission controlled idle speed (with automatic transmission)
4. Throttle valve lifter during deceleration.

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
MB 220	134		M & A	I	3500	750 - 850 in neutral	10° BTDC @ 800 RPM	1.5 to 2.5%
MB 280, MB 280C	167.5		A	II	3500	750 - 950	4° ATDC @ 800 RPM	less than 1.5%

See other side for additional information.