State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-103-1
Relating to Certification of New Motor Vehicles

MERCEDES-BENZ AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1990 model-year Mercedes-Benz AG emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LME4.2V6FA16 Displacement: 4.2 Liter (256 Inches^3)

Equipped with the following exhaust emission control systems:

Secondary Air Injection
Exhaust Gas Recirculation
Heated Oxygen Sensor
Three-Way Catalyst
Warm-Up Three-Way Catalyst
Continuous Fuel Injection System
On-Board Diagnostic System

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.4

The following are the certification emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.22	1.7	0.1

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Health and Safety Code Section 43205).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

This Executive Order supercedes Executive Order A-3-103.

Executed at El Monte, California this 12 day of October, 1989.

K. D. Drachand, Chief
Mobile Source Division

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-3-103-1

Manufacturer Mercedes-Benz Engine Family LMB4.2V6FA16

Pass Cars x Lt-Duty Trucks Med-Duty Vehicles Gas x Diesel

Eng. Type V-8 Liter (CID) 4.2 (256) Evap. Family LMBV6-2

Emission Control Sys. (SAE Abbrv.) AIP, EGR, HO2S, TWC, WUTWC, OBD, CIS

Engine: Front x Mid Rear Drive: FWD RWD x 4WD-FT 4WD-PT

Eng. Code/ (Cert STD.)	Veh. Models (if Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign.Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
M116-3	420 SEL	A	4 250	10.1	0035459132 0035459232	0001408160	underhood 1264901814 1264902214 underfloor 1264900714 1264901914

Revisions:

Section No.	Title	Issue Date
17.00.00.00	Supplemental Data Sheet	09-01-89

Revision No.						
Revision Date						