

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-120  
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 1992 model Mercedes-Benz AG exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NMB2.3V6FA19 Displacement: 2.3 Liters (140 Cu. In.)

Exhaust Emission Control Systems and Special Features:

- Three-Way Catalyst
- Heated Oxygen Sensor
- Exhaust Gas Recirculation
- Continuous Fuel Injection System
- Intake Manifold Heating

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

The certification emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.25	3.4	0.4
100,000	0.31	4.2	n/a

The certification emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.16	0.7	0.3
100,000	0.20	1.0	n/a

BE IT FURTHER RESOLVED: That at the request of the vehicle manufacturer, the listed vehicles are certified to the standards and requirements applicable to 1993 and subsequent models and, therefore, must comply with all standards and requirements associated with these models.

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 requirements of 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 (California 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.

Executed at El Monte, California this 5<sup>th</sup> day of August, 1991.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

Manufacturer Mercedes-Benz Engine Family NMB2.3V6FA19

Pass Car X Lt-Duty Truck      Med-Duty Vehicle      Fuel Type Gasoline

Engine Config. L-4 Liter (CID) 2.3 (140) Evaporative Family NMBV6-2

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) CIS, EGR, HO2S, TWC, IMH  
 (Use abbreviations per SAE J1930 Jun88)

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	Ign.Sys. (PCME/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
M102-1	190 E 2.3	A - 4	3375	7.7	010 545 59 32 or 010 545 60 32	001 140 82 60	201 490 44 14 or 201 490 45 14
M102	190 E 2.3	M - 5	3250	7.7			