

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-110  
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 1991 model-year Mercedes-Benz AG exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MMB3.0V6FA19      Displacement: 2.6 Liters (151 Cubic Inches)  
3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three-Way Catalyst  
Heated Oxygen Sensor  
Secondary Air Injection  
Exhaust Gas Recirculation  
Continous Fuel Injection 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:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.41	7.0	0.4

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

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.11	1.6	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 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 10 day of August, 1990.

*John A. Gunderson*  
for R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

**1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-3-110**

Manufacturer Mercedes-Benz

Engine Family MMB3.0V6FA19

Pass Cars x Lt-Duty Trucks      Med-Duty Vehicles      Fuel Type Gasoline

Eng. Type in line6 Liter (CID) 2.6 (158) Evap. Family MMBV6-1, MMBV6-2

Emission Control Sys.& Spec.Features CIS, AIR, EGR, HO2S, TWC  
(SAE Abbrev. 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 or DPA	Ign.Sys. (PCME / PROM) Part No.	EGR - Valve Part No.	Catalyst Part No.
M 103-26	190 E 2.6	M	3 375	7.7	0085459532	0011404860	1244902914
		A	3 375	7.7	0095457932		1244903014
	300 E 2.6	A	3 750	7.8			1244903114
							1244903214
							1244903314
							1244903414
							1244903514
					1244903614		

Revisions:

Section No. 17.00.00.00	Title Supplemental Data Sheet				Issue Date 07-16-90	
Revision No.						
Revision Date						

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Engine Family MMB3.0V6FA19

Pass Cars x Lt-Duty Trucks      Med-Duty Vehicles      Fuel Type Gasoline

Eng. Type in line6 Liter (CID) 3.0 (181) Evap. Family MMBV6-1

Emission Control Sys.& Spec.Features CIS, AIR, EGR, HO2S, TWC  
(SAE Abbrv. J1930 Jun88)

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

Eng. Code/ (Cert STD.)	Veh. Models (if Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign.Sys. (PCME / PROM) Part No.	EGR - Valve Part No.	Catalyst Part No.
M 103	300E	A	3 750	7.8	0085459632	0011404860	1244902914
	300E-4Matic	A	4 000	8.3	0095458032		1244903014
	300TE	A	4 000	7.5			1244903114
	300TE-4Matic	A	4 250	7.4			1244903214
							1244903314
							1244903414
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