State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-106-1
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: LME3.0V6FA18 Displacement: 3.0/2.6 Liters (181/158.5 Inches^3)

Equipped with the following exhaust emission control systems:

Secondary Air Injection
Exhaust Gas Recirculation
Heated Oxygen Sensor
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)
0.19	2.0	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-3-106.

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

for K. D. Drachand, Chief
Mobile Source Division

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-3-99/106

Manufacturer Mercedes-Benz Engine Family LMB3.0V6FA18

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

Eng. Type in line 6 Liter (CID) 2.6(158.5) Evap. Family LMBV6-1, LMBV6-2

Emission Control Sys. (SAE Abbrv.) AIP, EGR, HO2S, TWC ,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.
M 103-2.6	190 E 2.6	M	3 375	7.7	0085459532	0011404860	1244902914
		A	3 375	7.7	0095457932		1244903014
	300 E 2.6	A	3 625	7.5			1244903114
							1244903214
							1244903314
							1244903414
							1244903514
							1244903614

Revisions:

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M 103	300E 300E-4Matic 300TE 300TE-4Matic	A	3 625 4 000 3 875 4 250	7.5 8.3 7.0 7.4	0085459632 0095458032	0011404860	1244902914 1244903014 1244903114 1244903214 1244903314 1244903414 1244903514 1244903614

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1990 MODEL-YEAR CERTIFICATION REVIEW SHEET
EXHAUST/EVAPORATIVE SYSTEM & FILL PIPE SPECIFICATION COMPLIANCE

Mfgr. Mercedes-Benz Engine Family LMB3.0V6Fa18

Rated HP 177 at 5700 RPM Rated Torque 188 at 4400 RPM

Cert. Type- CA ___ 49S ___ 50S x Type Cert. - 50K x 6.260 100K ___

	Section/Page		Section/Page
1) Authorized Representative	01	13) Evap.bench Test Proc.	17/32-41
2) Fuel, Test Equipment Procedures & Route	03,04,05	14) Gen.Std.Increase Emis. Safety,Mtg.All Req.'ts	16/01
3) Warr.State & Parts List	17/04-09	15) Prod.Veh. Same as Test Vehicles	17/42
4) Maint: Cert/Req/Recm'd	06	16) Label Durability	17/44
5) Tune-Up Lab./Vac.HoseDia.	07	17) Driveability	17/45
6) Evap. Control System	08/89-106;09	18) Fill Pipe Spec.	17/47-52
7) Engine Parameters	10/01-23	19) Altitude A/F Req'ment	08/27,35
8) Fuel/Ignition Systems	08/01-23,49-50	20) Cert. Preview Program	YES
9) Exh. Control System	08/24-48;10/24-29	21) OBD System	APPROVED
10)Projected Sales	17/12	22) EPA Certificate	YES(8/25/89)
11)Vehicle Description	10/31-38	23) Two Yr./24k Warranty	DNA

12)Test Veh. Information	Dur. ID	Dur. MY	Emis. ID	Emis. MY
C/O MY or C/A EF	S124E 30-Z0033	1990	S124E30-Z0024/23	1990
Vehicle Logs				
Zero Mile Books	SECTION 12			
Maint.Logs&Engr.Eval.	" "			

PROJECTED EMISSIONS (1) (2)

Veh.ID	Code (Displ)	Trans	Axle Ratio	ETW	RLHP	Mpg City	Mpg Hwy	Test Loc.	HC	CO	NOx	Hwy NOx	50KEVAP orPart
W124E30-Z0021	3.0 ltr.	A-4	2.87	3625	7.5	19.1	28.3	Mfr.	0.15	2.0	0.0	0.01	0.58
W201E26-Z0019	2.6 ltr.	A-4	3.27	3375	7.7	21.0	29.1	Mfr.	0.12	1.4	0.1	0.01	0.47
W124E26-Z0020	2.6 ltr.	A-4	3.07	3625	7.5	19.8	29.0	Mfr.	0.19	1.6	0.1	0.04	0.58
(1) The EDV's above comly with stds of:									0.41	7.0	0.4	0.53	2.00
+includes deterioration factors of:									1.297	1.771	1.000	1.000	0.000

(2) Evaporative DF is the average of: Vehicle DF 0.000 and Bench DF 0.000

Remarks: 2 EPA Certificates issued due to evaporative system and test weight differences. EPA Certificate #: MBZ-LDV-90-03 & MBZ-LDV-90-05

Application Processed by [illegible] Date 9/13/89 Reviewed by [illegible] for MAB Date 9/15/89

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