State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-155
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Mercedes-Benz AG exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: TMB3.6VJGKEK Displacement: 2.8 Liters (171 Cubic Inches)
3.2 Liters (195 Cubic Inches)
3.6 Liters (220 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Secondary Air Injection
Exhaust Gas Recirculation
Three Way Catalytic Converter (Model SL320)
Dual Three Way Catalytic Converters (Models C36/C280/S320)
Heated Oxygen Sensors (two)
Sequential Multiport Fuel Injection

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

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.11	0.7	0.2	5.5
100,000	0.11	0.7	0.2	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth 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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 (Title 13, California Code of Regulations, Section 2035 et seq.).

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 22th day of September 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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199 6 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Mercedes-Benz Exh Eng Fam: TMB3.6VJGKEK Evap Fam: TMB1030AYMA0

All Eng Codes in Eng Fam: CA___ 49S___ 50S X AB965___

Exh Std: CA Tier-1 X TLEV___ LEV___ ULEV___ ZEV___; US EPA Tier-1 X

Evap Std: 50K X Useful Life with R/L___ In-Use Exh Std: Full In Use X Alt In Use___

Veh Class(es): PC X LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4___ MDV5___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline X Diesel___
CNG___ LNG___ LPG___ M85___ Other (specify)___

Emiss Test Fuel(s): Indo X Ph2___ CNG___ LPG___ M85___ Other (specify)___
Diesel: 13 CCR 2282___ 40 CFR 86.113-90___ 40 CFR 86.113-94___

Service Accum: Std AMA X Mod AMA___ Mfr ADP___ Other (specify)___

NMOG Test Procedure: N/A X Std___ Equiv___ R/L Test Proc: SHED___ Pt Source___

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine):___

Engine Configuration: L-6 Displacement: 3.2 / ___ Liters 195 / ___ Cubic Inches

Valves per Cylinder: 4 Rated HP: 228 @ 5600 RPM

Engine: Front X Mid___ Rear___ Drive: FWD X RWD___ 4WD-FT___ 4WD-PT___

Fuel ECS (e.g., MFI, EGR, TC, CAC): SFI/AIR/EGR/HO2S(2)/TWC(SL320)/2TWC(for S 320)
(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. (M5, A4 etc.)	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M104-32A	S320	A5	4750	7.9	0195452032	002 140 1360	140 490 05 14R 140 490 09 14L 140 490 88 14R 140 490 90 14L 140 490 87 14R 140 490 89 14L
M104-32C	SL320	A5	4250	6.6	2025458732	002 140 1360	129 490 32 14 129 490 33 14 129 490 34 14 129 490 35 14

Date Issued:

Revisions:

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PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Mercedes-Benz Exh Eng Fam: TMB3.6VJGKEK Evap Fam: TMB1030AYPA0

All Eng Codes in Eng Fam: CA___ 49S___ 50S X AB965___

Exh Std: CA Tier-1 X TLEV___ LEV___ ULEV___ ZEV___; US EPA Tier-1 X

Evap Std: 50K X Useful Life with R/L___ In-Use Exh Std: Full In Use X Alt In Use___

Veh Class(es): PC X LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4___ MDV5___

Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline X Diesel___
CNG___ LNG___ LPG___ M85___ Other (specify)___

Emiss Test Fuel(s): Indo X Ph2___ CNG___ LPG___ M85___ Other (specify)___
Diesel: 13 CCR 2282___ 40 CFR 86.113-90___ 40 CFR 86.113-94___

Service Accum: Std AMA X Mod AMA___ Mfr ADP___ Other (specify)___

NMOG Test Procedure: N/A X Std___ Equiv___ R/L Test Proc: SHED___ Pt Source___

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine):___

Engine Configuration: L-6 Displacement: 2.8 / 3.6 Liters 171 / ~~202~~ 220 Cubic Inches

Valves per Cylinder: 4 Rated HP: 194/268 @ 5500/5750 RPM

Engine: Front X Mid___ Rear___ Drive: FWD___ RWD X 4WD-FT___ 4WD-PT___

[illegible]st ECS (e.g., MFI, EGR, TC, CAC): SFI/AIR/EGR/HO2S(2)/~~TWC~~ 2/~~OBDII~~
(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. (M5, A4 etc.)	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
M104-28	C280	A4	3750	7.3	0175456232	002 140 1360	202 490 23 14R 202 490 27 14L 202 490 24 14R 202 490 28 14L 202 490 25 14R 202 490 29 14L 202 490 26 14R 202 490 30 14L
M104-36	C36 AMG	A4	3875	8.2	2025458732	002 140 1360	202 490 23 14R 202 490 27 14L 202 490 24 14R 202 490 28 14L 202 490 25 14R 202 490 29 14L 202 490 26 14R 202 490 30 14L

Date Issued:

Revisions: