

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-51  
Relating to Certification of New Motor Vehicles

DAIMLER-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 1984 model-year Daimler-Benz AG exhaust emission control systems are certified as described below for diesel-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
EMB2.2D6J013	134 (2.2)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle models, transmissions and engine codes are listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles".

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.46	8.3	1.0

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.30	1.4	0.8

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 8<sup>th</sup> day of September, 1983.



K. D. Drachand, Chief  
Mobile Source Control Division

Manufacturer Daimler-Benz AG Executive Order No. A-3-51  
 Engine Family EMB2.2D6J013 Evaporative Family n/a  
 Engine CID (Liters) 134(2.2 Liters)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three-Way Catalyst System

Special Feature

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection  
 DID-Diesel Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

VEHICLE MODEL:

190 D 2.2

DRIVE SYSTEM: Front Engine/Rear -Wheel Drive

122182

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A -3-51

Passenger Cars     Light-Duty Trucks     Medium-Duty Vehicles     Gas     Diesel

Manufacturer Daimler-Benz AG

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Engine Family EMB2.2D6J013

Engine Code OM 601C

ECS (Special Features) (DIP)EGR

CID (Liter)-Type 134(2.2)/L-4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
OM 601C	190 D 2.2	A-4 A-5	3000 3000	n/a	FI-Pump: PES 4M55C 320RS152  Governor: RSF375/ 2250M56	617 140 01 60	Tune-up Label: 201 584 03 2  Vac. Hose Diagram: 201 584 04 2

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

\*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -

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**EMISSION DATA SELECTION WORKSHEET**

Emission Control System : FI/EGR  
 Engine Code : OM601C

1. Body Style ETW (lbs) incl. options over 33X

a) 190 D 2.2 3 000

b)

2. Body Style Road Load Power<sup>1</sup> (HP)

a) 190 D 2.2 7.7

b)

3. Engine Code Displacement (cm<sup>3</sup>)

a) OM601C 2 197

b)

4. Engine Code Fuel Flow (cm<sup>3</sup>/min) at max. rated torque

a) OM601C 205.8

b)

5. Body Style Transmission Axle Ratio

a) 190 D 2.2 5-M 3.42

b) 190 D 2.2 4-A 3.42

1) incl. 10% for A/C

Section No. 10.13.00.00	Title EDV - Selection Worksheet	Issue Date 04-13-83			
Revision No.					
Revision Date					