

State of California  
AIR RESOURCES BOARD.

EXECUTIVE ORDER A-3-63  
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 1986 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>
GMB2.5D6JA13	152.5 (2.5)	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:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>	<u>Particulates Grams per Mile</u>
0.46	8.3	1.0	0.2

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>	<u>Particulates Grams per Mile</u>
0.14	1.0	0.9	0.2

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 1981 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 Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) 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 regulations (Title 13, California Administrative Code, Section 2035 et seq.).

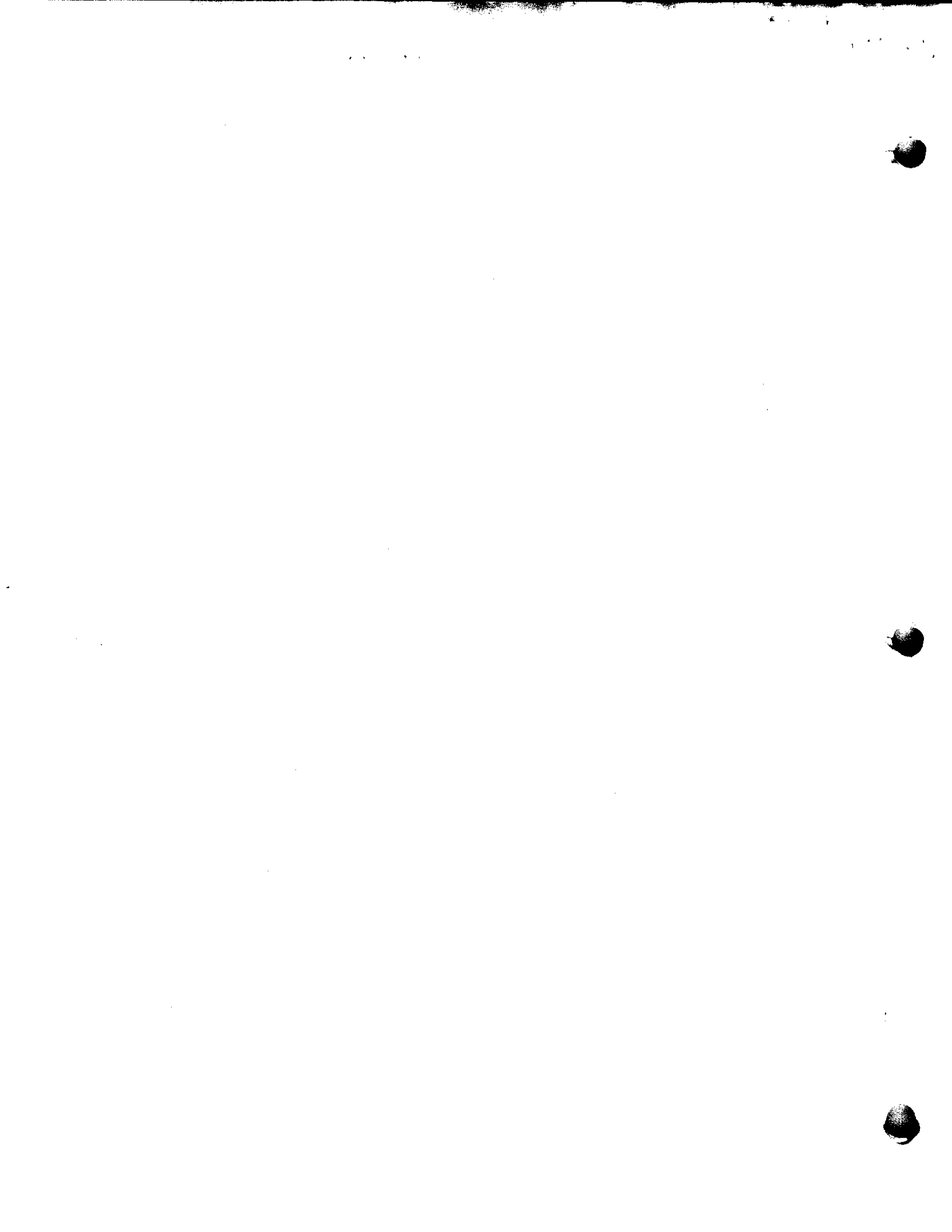
Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 30<sup>th</sup> day of August, 1985.



K. D. Drachand, Chief  
Mobile Source Division



Manufacturer Daimler Benz AG Executive Order No. A-3-63  
 Engine Family GMB2.5D6JA13 Evaporative Family DNA  
 Engine CID (Liters) 152.5 (2.5)

**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

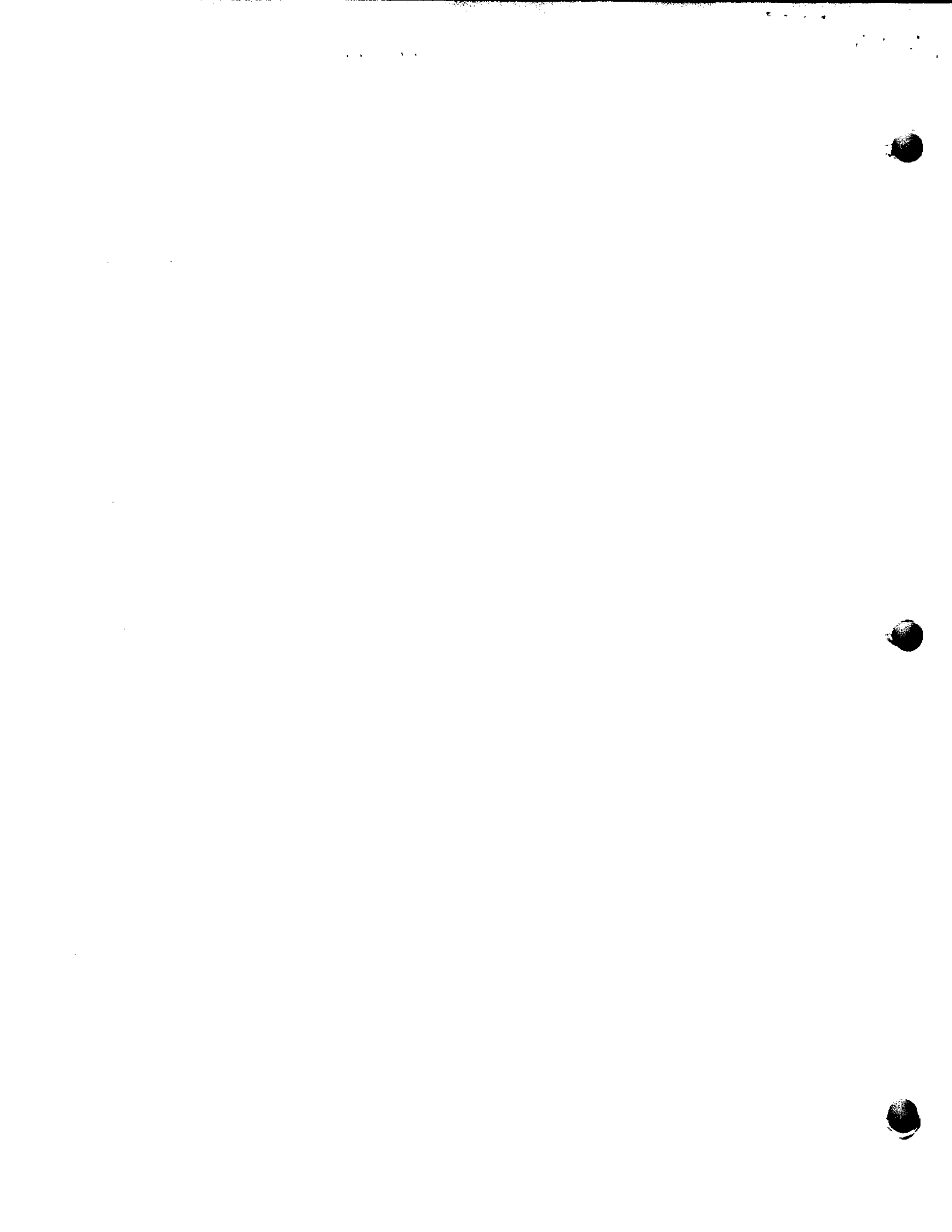
AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three-Way Catalyst System

Special Features

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

VEHICLE MODELS: 190D2.5

DRIVE SYSTEM: FRONT Engine/ REAR -Wheel Drive



1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O. #A - 3-63

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

Manufacturer Daimler-Benz AG Page 2

Engine Family GMB2.5D6JA13 Engine Code OM602

ECS (Special Features) EGR (DIP) CID (Liter)-Type 152.5 (2.5)-L-5

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight (lbs)	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
OM602	190D2.5	A4,M5	3250	DNA	FI-Pump: PES5M55C320- -RS159  Governor: RSF/340/2300- -M60-3	6171400160	Tune-up: 2015843621  Vac. Line Diagr.: 2015843221

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 -

