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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-8-5
Relating to Certification of New Motor Vehicles

BAYERISCHE MOTOREN WERKE AG

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Bayerische Motoren Werke AG exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 130.8
Engine: 182.0 CID
Transmission: 3-Speed Automatic, 4-Speed Manual
Exhaust Emission Control Systems: Exhaust Gas Recirculation, Electronic Fuel Injection, Thermal Reactor, Air Injection

Model: BMW 530 i (manual)
BMW 530 iA (automatic)
BMW 630 CSi (manual)
BMW 630 CSiA (automatic)

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
130.8	.36	7.2	1.1

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

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 19th day of October, 1976.

G C Hass by P Blackburn

G. C. Hass, Chief
Division of Vehicle Emissions Control

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Bayerishe Motoren Werke AG Executive Order No. A-8-5 Page 1

Engine Family 130.8 Engine (CID) 182.0 Engine Code 130.8 C/CA

Emission Control System EGR+EFI+TR+AI +10%(A/C) Yes [X] No [ ]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type CVR Mfgr. Part Number	Fuel System Type EFI Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
BMW 530i 530i 630CSi 630CSi	M-4 A-3 M-4 A-3	3500	Bosch 0 231 305 070	Bosch Electronic Control Unit 0 280 001 106 Bosch Air Flow Meter 0 280 203 004 Bosch Injectors 0 280 150 151	P 20282 I12500	1. 22±1 Deg. BTDC @ 2700 RPM in Neutral, Vacuum Adv. Disconnected 2. 2 +1/-0.5% w/o air injection. 3. 950±100 RPM in neutral. Label shown on Page 2.

Comments

Date of Issue

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace