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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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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
G. C. Hass, Chief
Division of Vehicle Emissions Control

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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 No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor	Fuel System	EGR System	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
			Type CVR	Type EFI	Part No. Service*	
			Mfgr. Part Number	Mfgr. Part Number		
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