E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-8-4
Relating to Approval of New Motor Vehicles

BAYERISCHE MOTOREN WERKE AG

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 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 1976 model-year passenger cars are approved for the engine family described below:

Engine Family: BMW 130.5
Engine: 182 CID
Transmission: 3-Speed Automatic, 4-Speed Manual
Exhaust Emission Control Systems: Air Injection, Electronic Fuel Injection, Engine Modifications, Exhaust Gas Recirculation, Thermal Reactor

Models: BMW 3.0Si (Manual)
BMW 3.0SiA (Automatic)
BMW 530i (Manual)
BMW 530iA (Automatic)

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BMW 130.5	0.3	7.0	1.5

Vehicles approved 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 4 day of November, 1975.

G. C. Hass

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

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR

[X] PASSENGER CARS [ ] LIGHT-DUTY TRUCKS

ANUFACTURER: BAYERISCHE MOTOREN WERKE AG

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor Type	Distributor Mfgr. Part No.	Fuel System Type	Fuel System Mfgr. Part No.	Emission Control System Type	Emission Control System [ ] OC [X] TR Part No. Service*	Emission Control System EGR Part No. Service*	Tune-up Specifications Idle RPM	Tune-up Specifications Basic Timing	Tune-up Specifications Idle Mixture
MW	BMW													
30.5	530i Auto.	182.0	A-3	3500	C,VR	Bosch	EFI	Bosch	EM EGR TR AI EFI	1260021 and 1260022	PE20144	950+100 RPM in neutral	22°BTDC at 2700+50 RPM in neutral vacuum retard disconnected (ball at "Z"mark)	1.5-3.0% at 950+100 RPM in neutral W/AI disconnected from TR & injection pipe plugged
	530i Man.		M-4			0231305		electr. control module 0280001 102						
						070				I 25000	I 12500			
	3.0Si Auto		A-3											
	3.0 Si Man.		M-4					Bosch airflow meter 0280203 001						
								Bosch injectors 0280150 150						

breviations:

stributor
- Centrifugal Advance
- Vacuum Advance
- Vacuum Retard
I- High Energy Ignition
- Electronic Ignition

Exhaust Emission Control System
AI - Air Injection
EFI- Electronic Fuel Injection
EGR- Exhaust Gas Recirculation
EM - Engine Modifications
CAI- Catalyst Air Injection

EFE- Early Fuel Evaporation
FI - Fuel Injection
OC - Oxidation Catalyst
RC - Reduction Catalyst
TR - Thermal Reactor

ESAC-Electronic Spark Advance Control
PAI -Pulse Air Injection

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