

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)

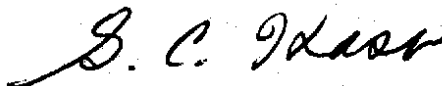
The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model vehicles:

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

AIR RESOURCES BOARD
 SUPPLEMENTAL INFORMATION
 1976 MODEL YEAR

PASSENGER CARS LIGHT-DUTY TRUCKS

EXECUTIVE ORDER NO. A-8.4 PAGE NO. 1

MANUFACTURER: BAYERISCHE MOTOREN WERKE AG

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications						
					Mfr. Part No.	Type	Mfr. Part No.	Type	OC Service*	TR Service*	OC Service*	EGR Service*	Idle RPM	Basic Timing	Idle Mixture		
BMW 80.5	BMW 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 pipe "Z" mark)	1.5-3.0% at 950+100 RPM in neutral W/AI disconnected from TR & injection pipe plugged			
	530i Man.		M-4												electr. control module 0280001 102	I 25000	I 12500
	3.0Si Auto		A-3												Bosch airflow meter 0280203 001		
	3.0 Si Man.		M-4												Bosch injectors 0280150 150		

Abbreviations:

- AI - Air Injection
- CAI - Catalyst Air Injection
- Centrifugal Advance
- Electronic Fuel Injection
- Vacuum Advance
- Vacuum Retard
- 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

Fuel System

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

Emission Control System

- OC - Oxidation Catalyst
- TR - Thermal Reactor
- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications
- CAI - Catalyst Air Injection

Tune-up Specifications

- Idle RPM
- Basic Timing
- Idle Mixture

Service

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