

E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-8-3
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 121.8
Engine: 121.3 CID
Transmission: 3-Speed Automatic, 4-Speed Manual
Exhaust Emission Control Systems: Air Injection, Engine Modifications,
Exhaust Gas Recirculation, Thermal
Reactor

Models: BMW 2002-Automatic
BMW 2002-Manual

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 121.8	0.5	6.7	1.4

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

Corrected 8 December 1976

1976 MODEL YEAR

☒ PASSENGER CARS

☐ LIGHT-DUTY TRUCKS

MANUFACTURER: BAYERISCHE MOTOREN WERKE AG		EXECUTIVE ORDER NO. A-8.3		PAGE NO. 1										
Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Idle Mixture		
				Mfgr. Part No.	Type	Mfgr. Part No.	Type	OC	TR	Part No. Service*	EGR Part No. Service*		Idle RPM	Basic Timing
BMW 121.8	BMW 2002 Auto.	121.3	A-3	2750	C, V	Bosch 0231 170164	2V	Solex 32 DID TA 1261105.1	AI EM EGR TR	1260006 I 25000	PE20144 or PE20235 I-12500 miles	900+100 rpm in neutral	25° BTDC at 2800+50 RPM in neutral dist. vacuum lines disconnected (ball above "Z" mark)	1.5-3.0% at 900+100 RPM in neutral with air injection disconnected from TR & injection pipe plugged
BMW 2002 Man.			M-4		C, V, VR	Bosch 0 231 176 059								

Abbreviations:

- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications
- CAI - Catalyst Air Injection
- Centrifugal Advance
- Vacuum Advance
- Vacuum Retard
- High Energy Ignition
- Electronic Ignition

- 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