State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-8
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;

IT IS ORDERED AND RESOLVED: That Bayerische Motoren Werke AG exhaust emission control systems for 1973-model year light-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size (Cubic Inches)	Emission Control System	Vehicle Models
BMW 121	121.3	Engine Modifications and Exhaust Gas Recirculation	BMW 2002
		Mechanical Fuel Injection	BMW 2002Tii
BMW 130	182	Engine Modifications and Exhaust Gas Recirculation	BMW Bavaria BMW Bavaria A BMW 3.0 CS

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that engine family for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BMW 121	3.0	27	2.0
BMW 130	2.8	23	1.8

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles".

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Model Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

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

Executed at Sacramento, California, this 27 day of November, 1972.

JOHN A. MAGA
Executive Officer

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SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: BAYERISCHE MOTOREN WERKE AG

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
BMW 2002	121.3	1-2V	M-4 A-3	BMW 121	2500	900 ± 50 RPM in Neutral	25°BTDC @1500 RPM in Neutral	Lean Best Idle
BMW 2002 Tii	121.3	Mech.Fuel Injection	M-4			850-1000 RPM in Neutral	25°BTD @ 2700 RPM in Neutral	2-3%
BMW Bavaria BMW Bavaria A BMW 3.0 CS	182	2-2V	M-4 A-3	BMW 130	3500	900-1000 RPM in Neutral	23°BTDC @ 2700 RPM in Neutral	2% Max. at Lean Best Idle

A - Automatic Transmission
M- Manual Transmission

See other side for additional information.

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SUPPLEMENTAL INFORMATION
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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	NOx	Evap.	Other
BMW 2002	121.3	1-2V	M-4 A-3	Bosch 0231180008 (cent) and 1354611.3 (Vac. Retard)	C-VR	Deutsche Vergaser GmbH 1257877.1	EM	EGR	Canister and Tank Storage	TSS **
BMW 2002 Tii	121.3	Mech. Fuel Injection	M-4	0231180008 with Speed Control, BMW Part No.1355273	C	Fuel Injection Kugelfischer Geo. Schafer u Co. 1256536.1	Fuel Inject.			TSS **
BMW Bavaria BMW 3.0 CS	182	2-2V	M-4	Bosch 0231162002 with Speed Control (Cent) and 1353646 (Vac. Adv. & Retard)	C-V-VR	Zenith 35/40 INAT 1255952	EM	EGR	Canister and Tank Storage	TSS **
BMW Bavaria A BMW 3.0 CS			A-3			Zenith 35/40 INAT 1257594				

A - Automatic Transmission
M - Manual Transmission

TSS - Temperature Sensing Switch to Fuel-Air Mixture during engine warm-up.

*** C - Centrifugal**
V - Vacuum
VR - Vacuum retard