State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-8-2
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-45-1;

IT IS ORDERED AND RESOLVED: That Bayerische Motoren Werke AG exhaust emission control systems for 1975 model-year passenger cars are approved for the engine families described below:

Engine Family: BMW 121.8
Engine: 121.3 CID
Transmission: 4-speed manual, 3-speed automatic
Exhaust Emission Control Systems: Engine modifications, exhaust gas recirculation, air injection, thermal reactor

Models: BMW 2002-Automatic
BMW 2002-Manual

Engine Family: BMW 130.5
Engine: 182 CID
Transmission: 4-speed manual, 3-speed automatic
Exhaust Emission Control Systems: Engine modifications, electronic fuel injection, exhaust gas recirculation, air injection, thermal reactor

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

BAYERISCHE MOTOREN WERKE AG EXECUTIVE ORDER A-8-2

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BMW 121.8	0.3	6.6	1.1
BMW 130.5	0.2	4.4	1.1

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 23 day of October, 1974.

G. C. Hass

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

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

[x] PASSENGER CARS [ ] LIGHT-DUTY TRUCKS

R/C # 1(May 2, 1975)
Amended 16 July 1975

ACTURER: BAYERISCHE MOTOREN WERKE AG

EXECUTIVE ORDER NO. A-8 - 2 PAGE NO. 1

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	OC Part No. Service*	TR Part No. Service*	EGR Valve	Tune-up Specifications Idle RPM	Basic Timing	Idle Mixture
	BMW							DVG							
BMW 121.8	2002 Auto.	121.3	A-3	2750	C.V.	Bosch 0231 170 164 or Bosch 0 231 168 013	1-2V	1261105.1	EM EGR TR AI	1260006 I-25000	PE20144 I-12500		900±100 rpm in neutral	25°BTDC at 2800±50 rpm in neutral dist.vac. lines discon.	1.5-3.0% at 900±100 rpm in neutral w/o air injec.
	2002 Man.	121.3	M-4	2750	C.V. VR	Bosch 0231 176 059 or Bosch 0 231 181 011									

applicable to all BMW-Models, shown.

eviations:

ributor
Centrifugal Advance
Vacuum Advance
Vacuum Retard

Exhaust Emission Control System
AI - Air Injection
EFI- Electronic Fuel Injection
EGR- Exhaust Gas Recirculation
FI - Fuel Injection
OC - Oxidation Catalyst
RC - Reduction Catalyst

Evaporative Control System
CAN- Charcoal Canister Storage
TS - Tank Storage

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

R/C # 1 (May , 1975)

☒ PASSENGER CARS ☐ LIGHT-DUTY TRUCKS

Amended 16 July 1975

MANUFACTURER: BAYERISCHE MOTOREN WERKE AG

EXECUTIVE ORDER NO. A- 8 — 2 PAGE NO. 2

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	OC ☐ TR ☒ Part No. Service*	EGR Valve Part No. Service*	Tune-up Specifications Idle RPM	Basic Timing	Idle Mixture
BMW 130.5	BMW 530i Auto. 530i Man. 3.0 Si Auto. 3.0 Si Man.	182.0	A-3 M-4 A-3 M-4	3500	C VR	Bosch 0231 310 003 or Bosch 0 231 305 059	EFI	Bosch electr'c control module 0280 001 102 Bosch airflow meter 0280 203 001 Bosch injectors 0280 150 150	EM EGR TR AI EFI	11.21.371 04.000 and 11.21.371 06.000 I-25000	PE20144 I-12500	950±100 rpm in neutral	22°BTDC at 1700±50 rpm in neutral dist.vac. line discon.	1.5-3.0% at 950±100 rpm in neutral w/o air injec

applicable to all BMW-Models, shown.

Deviations:

Distributor
Centrifugal Advance
Vacuum Advance

Exhaust Emission Control System
AI - Air Injection
EFI - Electronic Fuel Injection
FI - Fuel Injection
OC - Oxidation Catalyst

Evaporative Control System
CAN - Charcoal Canister Storage
TS - Tank Sealed