State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-8-58
Relating to Certification of New Motor Vehicles

BAYERISCHE MOTOREN WERKE AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1990 model-year Bayerische Motoren Werke AG exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LBM2.5V5F35X Displacement: 2.5 Liters (152 Inches^3)

Exhaust Emission Control Systems:
- Three-Way Catalyst
- Heated Oxygen Sensor
- Multipoint Electronic Fuel Injection
- On-Board Diagnostics

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the exhaust emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.4

The following are the certification exhaust emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.17	1.0	0.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (California Health and Safety Code Section 43205).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 16th day of August, 1989.

for K. D. Drachand, Chief
Mobile Source Division

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. A-8-58

Manufacturer BMW Engine Family LBM2.5V5F35X

Passenger Cars X Light-Duty Trucks ___ Medium-Duty Vehicles ___

Gas X Diesel ___

Engine type 4 cycle, inline 6 Liter (CID) 2.5 l (152.2 cu.in.)

Evap. Family EV 40

Emission Control Sys. TWC, HO2S, MPI OBD

Engine: Front X Mid. ___ Rear ___ Drive: FWD ___ RWD X 4WD-FT ___ 4WD-PT X

Engine Code	Vehicle Model(s)	Trans. Type	Equiv. Test Weight	RLHP	Ignition System Part No.	Catalyst Part No.
2.5/3 M5	325i 325is	M5	3125 lbs.	8.9	BMCU 0 261 200 173 0 261 200 380	1 711 838 1 711 848 1 716 622 1 716 614
2.5/3 A4-4	325i 325is	A4	3250 lbs.	9.2	0 261 200 351 0 261 200 382 (325iX autm. only)	
2.5/3 M5-C	325i Conv.	M5	3375 lbs.	8.3		
2.5/3 A4-C	325i Conv.	A4	3375 lbs.	8.3		
2.5/3M5-X-2	325iX	M5	3250 lbs.	9.2		
2.5/3A4-X	325iX	A4	3375 lbs.	9.3		
2.5/5 M5	525i	M5	3750 lbs.	7.3		
2.5/5 A4	525i	A4	3750 lbs.	7.6		