

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-8-11  
Relating to Certification of New Motor Vehicles

BAYERISCHE MOTOREN WERKE

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Bayerische Motoren Werke exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BMW 133.8	196	Air Injection Exhaust Gas Recirculation Thermal Reactor (Electronic Fuel Injection)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year 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 133.8	0.32	6.9	1.2

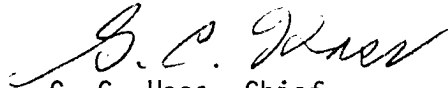
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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 Administrative Code, Section 2290) for the aforementioned model year.

Vehicles certified 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 29 day of August, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Bayerische Motoren Werke Executive Order No. A-8-11 Page 1

Engine Family BMW 133.8 Engine (CID) 196

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance

EI-Electronic Ignition

ESAC

VA-Vacuum Advance

VR-Vacuum Retard

Fuel System

EFI, MFI

nV-nVenturi Carburetor

VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection

CCAV-Comb. Chamber Air Valve

EFI-Electronic Fuel Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

ESAC-Electronic Spark Advance  
Control

MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst

PAI-Pulse Air Injection

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst  
(Feedback Control)

WOC-Warm-up Oxidation  
Catalyst

Vehicle Models

BMW 633 CSi

BMW 633 CSiA

BMW 733i

BMW 733iA

Evaporative Emission Control Family: EV 10

## 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A 8-11
☒ Passenger Cars
 ☐ Light-Duty Trucks
 ☐ Medium-Duty Vehicles
Manufacturer Bayerische Motoren WerkePage <sup>2</sup>Engine Family BMW 133.8Engine (CID) 196Engine Code —Emission Control System AI, EGR, TR

+ 10% (A/C)

Yes ☒ No ☐

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA,VA,VR, EI Distributor	Fuel System L-Jetronic EFI	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
133.8 CM4	633 CSi 733I	M-4	4000	0-237-304- 002	0-280-001- 111  Electronic Control Unit	P 20282	(1) 22 + 1° BTDC at 2750 rpm with vac. adv. disconnected.  (2) 2.0 <sup>+1.0</sup> -0.5 % CO at idle without AI.  (3) 950 + 100 rpm in neutral.
133.8 CA	633 CSiA 733iA	A-3					

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

\*Axle ratio is that of medium duty certification vehicle.

Date of Issue - 8-29-78