

G.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-78-8
Relating to Certification of New Motor Vehicles

MASERATI AUTOMOBILES INC.

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 Maserati Automobiles Inc. exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
SS1	181	Air Injection Thermal Reactor

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 1980 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>
SS1	0.15	4.9	0.8

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.

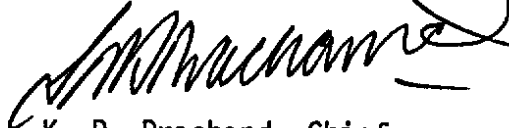
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Maserati Automobiles Inc. has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 8th day of April, 1980.



K. D. Drachand, Chief
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Maserati Automobiles Inc. Executive Order No. A-78-8 Page 1

Engine Family SS1 Engine (CID) 181

Evaporative Family: SS1

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TR-Thermal Reactor
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbo Charged

Vehicle Model

Merak

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Maserati Automobiles, Inc.

Page 1A

Engine Family SSI

CID-Type 181-V-6

Engine Code A

ECS (Special Features) AI, TR + 10% (A/C) Yes No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, EI Mfgr. Part No.	Fuel System 3-2V Part No.	EGR Valve Part No.	Label Ident.
	Merak	M-5	3500 (3500)	Bosch 0.237.504.033	Weber 44 DCNF 94/94/1	N.A.	See Page 1B.

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.

Date of Issue -

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Maserati Automobiles, Inc.

Executive Order No. A-78-8

Page 1B

VEHICLE EMISSION CONTROL INFORMATION

Officine Alfieri Maserati S.p.A.



- ENGINE FAMILY: SS1
 - EVAPORATIVE FAMILY: SS1
 - ENGINE SIZE: 181 CU.IN.
 - EXHAUST EMISSION CONTROL: AIR PUMP + THERMAL REACTORS
TUNE UP AND ADJUSTMENT WITH AIR CONDITIONING OFF,
TRANSMISSION IN NEUTRAL AND WARM ENGINE AT IDLE
(1000 ± 150 RPM). NO OTHER SYSTEMS DISCONNECTED.
 - IGNITION TIMING: 0° ± 2° BTDC
 - IDLE AIR FUEL MIXTURE PERMANENTLY SEALED
 - VALVE LASH: INTAKE 0.011 INCH, EXHAUST 0.019 INCH
 - SPARK PLUG GAP: 0.025 TO 0.035 INCH
- THIS VEHICLE CONFORMS TO U.S.E.P.A. AND CALIFORNIA
REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW
PASSENGER CARS. COMPLIANCE DEMONSTRATED BELOW
4000 FEET.