

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-78-13  
Relating to Certification of New Motor Vehicles

OFFICINE ALFIERI MASERATI S.p.A.

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 1984 model-year Officine Alfieri Maserati S.p.A. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
EMA301VOGXX8	301 (4.9)	Air Injection - Pump Three-Way Catalyst

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

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	0.4

The following are the certification emission values for the above engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.27	0.6	0.4

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

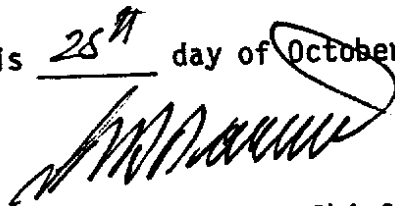
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 25<sup>th</sup> day of October, 1983.



K. D. Drachand, Chief  
Mobile Source Division

Manufacturer Maserati Executive Order No. A-78-13  
 Engine Family EMA301VOGXX8 Evaporative Family CMA301VOGXX6  
 Engine CID (Liters) 301 (4.9)

**ABBREVIATIONS**

Ignition System

Exhaust Emissions Control System

Special Features

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

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three-Way Catalyst System

CCV-Combustion  
 Chamber Valve  
 CFI-Central Fuel  
 Injection  
 DID-Diesel  
 Injection-  
 Direct  
 DIP-Diesel  
 Injection-  
 Prechamber  
 EFI-Electronic  
 Fuel  
 Injection  
 MFI-Mechanical  
 Fuel  
 Injection  
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

VEHICLE MODELS:

QUATTROPORTE

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A -78-13

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

Manufacturer Maserati Page 2

Engine Family EMA301VOGXX8 Engine Code 82A

ECS (Special Features) AIP, TWC CID (Liter)-Type 301 (4.9) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VR,EI Part No.	Fuel System 4-2V Part No.	EGR Valve Part No.	Label Ident. Part No.
82A	Quattroporte	A-3	5000	Bosch 0.237.041. 003	42 DCNF 95 Weber	NA	

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

\*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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VEHICLE EMISSION CONTROL INFORMATION

Officine Alfieri Maserati S.p.A.



- ENGINE FAMILY: EMA301VOGXX8
  - EVAPORATIVE FAMILY: CMA301VOGXX6
  - ENGINE SIZE: 301 CU.IN.
  - EXHAUST EMISSION CONTROL: AIR PUMP + OXD CAT + TWC  
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: 4° + 1° ATDC
  - IDLE AIR FUEL MIXTURE PERMANENTLY SEALED
  - VALVE LASH: INTAKE 0.011 INCH, EXHAUST 0.020 INCH
  - SPARK PLUG GAP: 0.025 TO 0.035 INCH
- THIS VEHICLE CONFORMS TO U.S.E.P.A. AND CALIFORNIA  
REGULATIONS APPLICABLE TO 1984 MODEL YEAR NEW  
PASSENGER CARS. TUNE-UP SPECIFICATIONS ARE  
APPLICABLE TO BOTH LOW AND HIGH ALTITUDE.

Label is riveted to the right front wheel well (left side of engine compartment when facing firewall).

The label is designed to withstand for the vehicle's total expected life, typical vehicle environmental conditions in the area where the label is attached.