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:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
EMA301V0GXX8	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":

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 emission values for the above engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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 25th 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

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

Fuel System

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

Exhaust Emissions Control System

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

Special Features

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

VEHICLE MODELS:

QUATTROPORTE

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

122182

E.O. #A -78-13

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Maserati

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Engine Family EMA301V0GXX8

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 -

071080

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.