

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-34-21
Relating to Certification of New Motor Vehicles

ALFA ROMEO AUTO, 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 1986 model-year Alfa Romeo Auto, 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>
GAR120V5F4L7	119.7 (2.0)	Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

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

The following are the emission standards for this engine family:

<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 this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.25	1.7	0.3

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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) 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 regulations (Title 13, California Administrative Code, Section 2035 et seq.).

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 21st day of May, 1985.


K. D. Drachand, Chief
Mobile Source Division



Manufacturer Alfa Romeo S.p.A. Executive Order No. A-34-21
 Engine Family GAR120V5F4L7 Evaporative Family E1544
 Engine CID (Liters) 119.7(2.0)

AbbreviationsIgnition 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
 W-nVenturi Carburetor
 WV-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
 TOC-Trap Oxidizer Continual
 TOP-Trap Oxidizer Periodical
 TR-Thermal Reactor
 *TWC-Three-Way Catalyst System

Special Features

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

VEHICLE MODELS:

Spider "Graduate"
 "Veloce"
 "Quadrifoglio"

Drive System: Front Engine/ Rear Wheel Drive

012584

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Alfa Romeo E.O. A-34-21

Engine Family GAR120V5F4L7 CID (liter) - Type 119.7 (2.0) L-4

ECS (Special Features) TWC/CL (EFI)

Engine Code	Vehicle Models (If Coded see Attachment)	Trans.	Equiv. Test Weight	Ign. System EEC, ESAC, EI Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part. No.
01544-A7	Graduate Spider Veloce* Quadrifoglio* *Running Change #RC1-85 & RC2-85 7.6 RLHP	5M	2875	Dist. # 115.44.05.011. 00	Air flow meter 116.85. 11.013.00	NA	

Comments: See pg. 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 syno test HP for air conditioning usage.

Date of Issue -
Revisions: