

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-34-6
Relating to Certification of New Motor Vehicles

ALFA ROMEO, S.p.A.

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 Alfa Romeo S.p.A. exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 01615*A

Engine: 119.7 CID

Transmission: M-5

Exhaust Emission Control Systems: Mechanical Fuel Injection, Engine Modifications, Air Injection, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 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> |
|----------------------|--|---|---|
| 01615*A | 0.36 | 6.1 | 0.9 |

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-34 series.

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

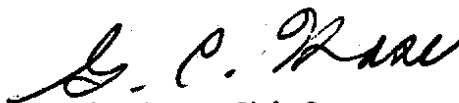
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

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 28 day of October, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Alfa Romeo, S.p.A. Executive Order No. A-34-6 Page 1

Engine Family 01615*A Engine (CID) 119.7

ABBREVIATIONS

| | | |
|--------------------------|---|---------------------------|
| <u>Distributor</u> | <u>Exhaust Emissions Control System</u> | |
| C-Centrifugal Advance | AI-Air Injection | OC-Oxidation Catalyst |
| V-Vacuum Advance | CAI-Catalyst Air Injection | PAI-Pulse Air Injection |
| VR-Vacuum Retard | CAB-Chamber Air Bleed | RC-Reduction Catalyst |
| HEI-High Energy Ignition | DD-Dual Displacement | TC-Turbo Charged |
| EI-Electronic Ignition | EFI-Electronic Fuel Injection | TR-Thermal Reactor |
| <u>Fuel System</u> | EGR-Exhaust Gas Recirculation | TWC-Three Way Catalyst |
| EFI, FI | EM-Engine Modification | (Feedback Control) |
| nV-nVenturi Carburetor | EFE-Early Fuel Evaporation | <u>EGR Syst. Service</u> |
| VV-Variable Venturi | ESAC-Electronic Spark Advance | I-Inspect, repair/replace |
| | Control | as needed |
| | FI-Fuel Injection | R-Replace |

| <u>Line</u> | <u>Model</u> | <u>Body</u> | <u>Engine Code</u> |
|-------------|--------------|-------------|--------------------------------------|
| "Alfetta" | 116.58 | Sedan | 01615*A0 01615*A5 (with air cond) |
| "Alfetta" | 116.15 | Coupe | 01615*A0 01615*A5 (with air cond) |
| "2000" | 115.41 | Roadster | 01615*A9 |

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

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 Engine Family 01615*A Engine (CID) 119.7 Engine Code 01615*A0
 Code 01615*A5
 Code 01615*A9
 Emission Control System EM, FI, AI, OC +10%(A/C) Yes No

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans | Inertia Weight Class | Distributor Type C Mfgr. Part Number | Fuel System Type FI Mfgr. Part Number | EGR System Part No. Service | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|-----------|---|-------|----------------------|---|--|--------------------------------|--|
| | Alfetta Sedan (116.58) Alfetta G.T. Coupe (116.15) | M-5 | 3000 | Magnet1 Marelli S116B | Spica-Livarno injection pump part # AIBB4C S75 A.R. Part# 11634.04. 030.01 | N/A | (1) 5° + 1° BTDC (Pulley mark F) @ idle speed. (2) Max 1.2% CO with trans. in neutral, all accessories turned off, air injection system connected, NDIR probe connected to upstream tap. (3) 750 + 100 RPM engine hot. |
| | Spider 2000 (115.41) | | 2750 | | | | |

Comments: Some models have special road load HP settings. See page 1 for abbreviations and model codes.

Date of Issue 10-14-77 Revisions: