

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-12-12  
Relating to Certification of New Motor Vehicles

FIAT 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 Fiat S. p. A. exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
128-CC1	78.7	Air Injection Oxidation Catalyst

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 1979 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>
128-CC1	0.16	4.9	1.0

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, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-12 series.


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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.

Executive at El Monte, California this 22 day of September, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Fiat S. p. A. Executive Order No. A-12-12 Page 1  
Engine Family 128-CC1 Engine (CID) 78.7

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
EI-Electronic Ignition  
ESAC  
VA-Vacuum Advance  
VR-Vacuum Retard

Fuel System

EFI, MFI  
nV-nVenturi Carburetor  
VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
CCAV-Comb. Chamber Air Valve  
EFI-Electronic Fuel Injection  
EGR-Exhaust Gas Recirculation  
EM-Engine Modification

ESAC-Electronic Spark Advance Control  
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst  
PAI-Pulse Air Injection  
TC-Turbo Charged  
TR-Thermal Reactor  
TWC-Three Way Catalyst  
(Feedback Control)  
WOC-Warm-up Oxidation Catalyst

Vehicle Model

128 Sedan 1300  
128 Sedan 1300, 2-door  
Fiat Rally, 4-door  
Fiat Rally, 2-door

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E.O. #A<sup>12</sup> - 12

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Fiat S. p. A.

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Engine Family 128-CC1      Engine (CID) 78.7

Engine Code X14A.4V13.AC1

Emission Control System AI, OC      + 10% (A/C)

Yes      No X

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. Control Parameters: CA,VR	Fuel System Type: 1-2V Mfgr. Part Number	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
X14A.4V13.AC1	128 Sedan 1300 128 Sedan 1300 2-door Fiat Rally 4-door Fiat Rally 2-door	M-4	2250	Ducellier HUS 18 P	Weber 32 Datra 11/100	NA	(1) 0°+1.5° TDC @ 850 RPM in neutral with vacuum hose connected and air injection pinched off. (2) 2±0.5% CO with air injection pinched off. CO measured at tail pipe. (3) 800 to 850 RPM in neutral with air injection pinched off.

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.

\*Axle ratio is that of medium duty certification vehicle.

Date of Issue -