E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-12-14
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.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
138-AC	91.44	Air Injection Exhaust Gas Recirculation 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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
138-AC	0.21	2.7	1.4

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 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.

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 22 day of November, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family 132-AC Engine (CID) 91.44

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

Strada 3-door
Strada 5-door
X1/9

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

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Engine Family 138-AC Engine (CID) 91.44 Engine Code

Emission Control System AI, EGR, OC + 10% (A/C) Yes ___ No X

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. EI,CA,VA	Fuel System 1-2V	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
H40YC. 10V25. A1C	Strada-3 dr. Strada-5 dr.	M-5	2250	Bosch 14928A1	Weber 28/30 DHTA 8/179	R 3609	1) 5°±1.5° BTDC @ Idle 2) 1.5% ± 0.5% CO @ Idle 3) 850 ± 50 rpm in neutral Note: All adjustments with engine at normal operating temperature choke open and air injection pinched off upstream of the check valve.
H40XC 10V25 A1C					DHTA 8/279		
H41XC. 10V26. A1C	X1/9		2500		Weber 28/30 DHTA 10/279		
H41YC. 10V26. A1C					DHTA 10/179		
H43XC. 13V25. A7C	Strada-3 dr. Strada-5 dr.	A3	2500	Bosch 15419 A1 Marelli 812 PC	Weber 28/30	R 3410	(1) 5° ± 1.5° BTDC @ Idle (2) 1-2% CO @ Idle with air injection pinched off. (3) 750 ± 50 rpm in drive
H43YC. 13V25. A7C					Weber 28/30 DHTA 9/179		

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 - Added automatic transmission models per R/C 79-138AC-8.