State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-12-13
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)
132-AC	121.7	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
132-AC	0.22	5.2	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 13 day of November, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Fiat S.p.A. Executive Order No. A-12-13 Page 1

Engine Family 132-AC Engine (CID) 121.7

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
EEC-Electronic Engine Control
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

Brava 2-door Coupe
Brava 4-door Sedan
Brava Station Wagon

Spider 2000

Lancia Beta 2000 Sedan
Lancia Beta 2000 Coupe
Lancia Beta 2000 HPE
Lancia Zagato

E.O. #A 12-13

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Fiat S.p.A. Page 1B

Engine Family 132-AC Engine (CID) 121.7 Engine Code see below

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. Control Parameters CA, VA, EI	Fuel System Type: 1-2V Mfgr. Part Number	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
D33XA. 8V20. A2C.	Brava 2-door Coupe Brava 4-door Sedan	A-3	2750	Marelli Type 805 P2	Weber 28/32 ADHA6/279	R3413	(1) 10 ± 1.5° BTDC A 700 to 750 (2) 1 - 2.5% CO CO measured. at tailpipe. (3) 750 ± 50 RPM in drive.
D33YA. 8V20. A2C	Brava Station Wagon				Weber 28/32 ADHA6/179		
D35XA. 8V20. A	Spider 2000				Weber 28/32 ADHA8/179		
D37XA. 7V24. A3C	Lancia Beta 2000 Sedan		3000	Marelli Type 774 P2. Bosch Type JGFU4	Weber 30/32 DHTA4/279	R3409	Engine tune-up specifications and adjustments at normal operating temperature, choke open, air injection line pinched off in a section between check valve and tee.
D37YA. 7V24. A3C	Lancia Beta 2000 HPE Lancia Zagato				Weber 30/32 DHTA4/179		

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 -

E.O. #A 12 - 13

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Fiat S.p.A. Page 1A

Engine Family 132-AC Engine (CID) 121.7 Engine Code see below

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. Control Parameters CA, VA, EI	Fuel System Type: 1-2V Mfgr. Part Number	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
D32XA. 8V20. A1C	Brava 2-door Coupe Brava 4-door Sedan	M5	2750	Marelli Type 805 P2	Weber 28/32 ADHA5/279	R3609	(1) 10 ± 1.5° BTDC @ 800 to 850 RPM in neutral (2) 1-2.5% CO. CO measured at tailpipe. (3) 850 ± 50 RPM in neutral.
D32YA. 8V20. A1C	Brava Station Wagon				Weber 28/32 ADHA5/179		
D34XA. 8V20 A1	Spider 2000		2500		Weber 28/32 ADHA7/179		
D36XA. 8V20. A4C.	Lancia Beta 2000 Sedan Lancia Beta 2000 HPE		3000	Marelli Type 774 P2. Bosch Type JGFU4	Weber 30/32 DHTA 3/279	R3408	Engine tune-up specifications and adjustments at normal operating temperature, choke open, air injection line pinched off in a section between check valve and tee.
D36YA. 7V23. A4C	Lancia Zagato				Weber 30/32 DHTA3/179		

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 -

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Fiat S.p.A. Page 1C

Engine Family 132-AC Engine (CID) 121.7 Engine Code see below

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. Control Parameters CA, VA, EI	Fuel System Type: 1-2V Mfgr. Part Number	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
D36XA. 7V23. A4C	Lancia Beta 2000 Coupe	M-5	2750	Marelli Type 774 P2. Bosch Type JGFU4	Weber 30/32 DHTA3/279	R3408	(1) 10 ± 1.5° BTDC @ 800 to 850 RPM in neutral. (2) 1 - 2.5% CO. CO measured at tail-pipe. (3) 850 ± 50 RPM in neutral.
D36YA. 7V23. A4C					Weber 30/32 DHTA3/179		
D37XA. 7V24. A3C		A-3			Weber 30/32 DHTA4/279	R3409	(1) 10 ± 1.5° BTDC @ 700 to 750 RPM in drive. (2) 1 - 2.5% CO. CO measured at tail-pipe. (3) 750 ± 50 RPM in drive. Engine tune-up specifications and adjustments at normal operating temperature, choke open, air injection line pinched off in a section between check valve and tee.
D37YA. 7V24. A3C					Weber 30/32 DHTA4/179		

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 -