State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-12-11
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 for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 132-CCI
Engine: 107.13 CID
Transmission: 3-speed automatic and 5-speed manual
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, 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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
132-CCI	0.27	5.0	1.2

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-12 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".

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 23 day of September, 1977.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Fiat S.p.A. Executive Order No. A-12-11 Page 1A

Engine Family 132-CCI Engine (CID) 107.13 Engine Code

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C, HEI Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
W21B. 5C19. AYC1	Lancia Beta 1800 Sedan Lancia Beta 1800 HPE Lancia Beta 1800 Spider	A-3	3000	Marelli 401 P5	Weber 32 Datra 18/100	Pierburg or Marvel-Schebler-Tillatson yellow code	(1) 5° ± 1.5° BTDC at 750 RPM in drive. (2) 2 ± 0.5% CO in drive with air injection pinched off. (3) 700-750 RPM in drive with air injection pinched off.
W17A. 3C16. ABC1		M-5		Marelli 401 P3	Weber 32 Datra 12/101	Pierburg or Marvel-Schebler-Tillotson blue code	(1) 10° ± 1.5° BTDC at 850 RPM in neutral. (2) 2 ± 0.5% CO in neutral with air injection pinched off. (3) 800-850 RPM in neutral with air injection pinched off.
W25A. 3C16. ABC1					Weber 32 Datra 12/102		
	Lancia Beta 1800 Coupe		2750				
W21B. 5C19. AYC1		A-3	3000	Marelli 401 P5	Weber 32 Datra 18/100	Pierburg yellow code	(1),(2), see above & (3) engine code W21B.5C19.AYC1

Comments: models have special road load HP settings.
See page 1 for abbreviations and model codes.
Engine code W25A.3C16.ABC1 added per running change # 14/78.

Date of Issue Revisions:

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Fiat S.p.A. Executive Order No. A-12-11 Page 1B

Engine Family 132-CCI Engine (CID) 107.13 Engine Code

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type HEI, C Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
W15A. 2C15. AYC1	131 Marafiori 2-door	M-5	2750	Marelli 401 P1	Weber 32 ADFA 14/101	Pierburg or Marvel-Schebler-Tillotson yellow code	(1) $5^{o} \pm 1.5^{o}$ BTDC or $0^{o} \pm 1.5^{o}$ TDC at 850 RPM in neutral (2) 2 ± 0.5% CO in neutral with air injection pinched off. (3) 800-850 RPM in neutral with air injection pinched off.
W23A. 5C19. AYC1	131 Mirafiori 4-door 131 Estate 131 Super Brava, 2-door 131 Super Brava, 4-door			Marelli 401 P5	Weber 32 ADFA 14/102		
W20A. 5C19. AYC1	131 Super Brava - S.W. 131 Brava, 2-door	A-3		Marelli 401 P5	Weber 32 ADFA 16/102		(1) 5° ± 1.5 BTDC at 750 RPM in drive. (2) 2 ± 0.5% CO in drive with air injection pinched off. (3) 700-750 RPM in drive with air injection pinched off.

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

Date of Issue Revisions:

Engine code W23A.5C19.AYC 1 added and basic timing change to 5° per running change # 13/78
Super Brava models added per running change no. 09/78-02, approved per January 19, 1976 memo to all light-duty vehicle manufacturers.
Brava model added per running change no. 16/78-02, approval per January 19, 1976 memo to all light-duty vehicle manufacturers.

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Fiat S.p.A. Executive Order No. A-12-11 Page 1C

Engine Family 132-CCI Engine (CID) 107.13 Engine Code

Emission Control System AI, EGR, 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 1-2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
W15A.2C15.ABC1	124 Sport Spider 1800	M-5	2500	Marelli 401 P1	Weber 32 ADFA 14/101	Pierburg or Marvel-Schebler-Tillotson blue code	(1) 5° ± 1.5° BTDC or 0° ∓ 1.5° TDC at 850 RPM in neutral (2) 2± 0.5% CO in neutral with air injection pinched off. (3) 800-850 RPM in neutral with air injection pinched off.
W23A.5C19.ABC1				Marelli 401 P5	Weber 32 ADFA 14/102		
W17A.3C16.AYC1	Lancia Beta Scorpion	M-5	2750	Marelli 414 P5	Weber 32 Datra 9/101	Pierburg or Marvel-Schebler-Tillotson yellow code	(1) 10° + 1.5 BTDC at 850RPM in neutral. (2) 2 ± 0.5% CO in neutral with air injection pinched off. (3) 800-850 RPM in neutral with air injection pinched off.

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

Date of Issue Revisions:

Engine code W23A.5C19.ABC1 added and basic timing change to 5° per running change #13/78

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Fiat S.p.A. Executive Order No. A-12-11 Page 1

Engine Family 132-CCI Engine (CID) 107.13

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CAI-Catalyst Air Injection
CAB-Chamber Air Bleed
DD-Dual Displacement
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)

EGR Syst. Service
I-Inspect, repair/replace as needed
R-Replace

Vehicle Model

131 Mirafiori, 4-door
131 Mirafiori, 2-door
131 Estate
124 Sport Spider 1800
Lancia Beta 1800 Sedan
Lancia Beta 1800 Coupe
Lancia Beta 1800 HPE
Lancia Beta 1800 Spider
Lancia Beta Scorpion
131 Super Brava, 2-door
131 Super Brava, 4-door
131 Super Brava - S.W.
131 Brava - 2 door