

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-12
Relating to Certification of New Motor Vehicles

SAAB-SCANIA AKTIEBOLAG

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 Saab-Scania Aktiebolag 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>
BI20CA	121.1	Three Way Catalyst (Mechanical Fuel Injection)

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>
BI20CA	0.19	5.9	0.2

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-22-2 series.

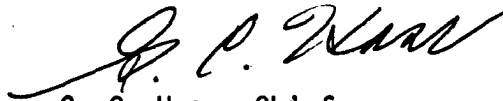
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles 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, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Saab-Scania Executive Order No. A-22-12 Page 1

Engine Family BI20CA Engine (CID) 121.1

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

Engine Code

Model

P04
 P04-AC

99GL, 2-door Sedan (2SNL)

P11/12
 P11/12-AC

900 GL, 3-door Hatchback (3CKL)
 900 GLE, 5-door Hatchback (5CKL)
 900 EMS, 3-door Hatchback (3CKL)

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A 22 - 12

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

Manufacturer Saab-Scania Page 2

Engine Family BI20CA Engine (CID) 121.1 Engine Code _____

Emission Control System MFI, TWC + 10% (A/C) Yes No _____

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA,VA,EI Distributor Part No.	Fuel System MFI Part No.	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
P04 P04- AC	2SNL	M4 A3	3000	Bosch 0237002023	Bosch Fuel Distri- butor 0438 100 032		(1) 20° BTDC @ 2000 RPM dis- connect vac. line
P11/12 P11/12- AC	3CKL 5CKL				Air Flow Sensor 0438 120 073 Warm up Regulator 0438 140 032		(2) 0.75% + 0.25/ -0.50 CO with oxygen sensor and evap purge lines disconnected (3) 875 ± 50 in neutral

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 - August 10, 1978