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.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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.

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	99GL, 2-door Sedan (2SNL)
P04-AC	
P11/12	900 GL, 3-door Hatchback (3CKL)
P11/12-AC	900 GLE, 5-door Hatchback (5CKL)
	900 EMS, 3-door Hatchback (3CKL)

E.O. #A 22 - 12

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[XX] 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 XX 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 P11/12 P11/12-AC	2SNL 3CKL 5CKL	M4 A3	3000	Bosch 0237002023	Bosch Fuel Distributor 0438 100 032 Air Flow Sensor 0438 120 073 Warm up Regulator 0438 140 032		(1) 20° BTDC @ 2000 RPM disconnect vac. line (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