

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-18
Relating to Certification of New Motor Vehicles

SAAB-SCANIA AKTIEBOLAG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year Saab-Scania Aktiebolag exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CSA2.0V6FNT3	121.1 (2.0)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Mechanical Fuel Injection)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1982 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	0.7

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.20	2.7	0.6

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".

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.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 14 day of September, 1981.


K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer	<u>Saab-Scania Aktiebolag</u>	Executive Order No.	<u>A-22-18</u>	Page	<u>1</u>
Engine Family	<u>CSA2.0V6FNT3</u>	Evaporative Family	<u>900-2</u>		
		Engine CID (Liters)	<u>121.1 (2.0)</u>		

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Vehicle Models

Saab 900 3CKL Hatchback
 Saab 900S 3CK1 Hatchback
 Saab 900S 4SNL Sedan

DRIVE SYSTEM: Front engine/Front wheel drive

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Saab-Scania Aktiebolag E.O. #A-22-18

Engine Family CSA2.0V6FNT3 CID (liter) - Type 121.1 (2.0) L-4

ECS (Special Features) EGR, TWC/CL (MFI)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System CA, VA, EI Mfgr. Part No.	Fuel System MFI Mfgr. Part No.	EGR Valve Part No.	Label Ident. Part No.
NM5 & *NM5-AC	900 3CKL Hatchb. 900S 3CKL Hatchb. 900S 4SNL Sedan 900 4SNL Sedan ⁽¹⁾	M5	2875 3000 3000 2875	Robert Bosch 0 237 021 014	Robert Bosch Fuel Inj. Control Unit 0 438 120 159	7.20749.01	93 47 204 (yellow)
NA3 & *NA3-AC	900 3CKL Hatchb. 900S 3 CKL Hatchb. 900S 4 SNL Sedan 900 4 SNL Sedan ⁽¹⁾	A3	2875 3000 3000 2875		Fuel Dist. 0 438 100 058		
N6/4A3 ⁽²⁾ *N6/4A3-AC	900 3CKL Hatchb. 900S 3CKL Hatchb. 900S 4SNL Sedan 900 4SNL Sedan	A3	2875 3000 3000 2875		Robert Bosch Fuel Inj. Control Unit 0 438 120 139 Fuel Dist. 0 438 100 032		

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 091481

Revisions: (1) R/C 1981-01, Added model.
(2) R/C 1981-02, Added engine codes.