State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-16
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 1981 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
BSA2.0V6FC9	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 certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BSA2.0V6FC9	0.25	3.9	0.1

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 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Saab-Scania Aktiebolag has provided to the Executive Officer 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 19th day of November, 1980.

K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Saab-Scania Aktiebolag Executive Order No. A-22-16 Page 1

Engine Family BSA2.0V6FC9 Evaporative Family 900-2

ABBREVIATIONS Engine CID (Liters) 121.1 (2.0)

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

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
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Models

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

E.O. #A -22-16

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Saab-Scania Aktiebolag

Page 1A

Engine Code

Engine Family BSA2.0V6FC9

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.	Equiv. Test Weight *	Ign. System CA, VA, EI Part No.	Fuel System MFI Part No.	EGR Valve Part No.	Label Ident. Part No.
NM5	900 3CKL H/back	M-5	2875	Bosch	Bosch	7.20749.01	93 45 497
NM5-AC	900 3CKL H/back		3000	0 237 009 008	MFI Dist.		
NM5	900S 3CKL H/back				0 438 100 032	Saab Part #	
NM5-AC	900S 3CKL H/back			Saab Part #		93 50 216	
NM5	900S 4SNL Sed.			93 09 345	Saab Part #		
NM5-AC	900S 4SNL Sed.		3125		93 15 169		
NA3	900 3CKL H/back	A-3	3000				
NA3-AC	900 3CKL H/back						
NA3	900S 3CKL H/back						
NA3-AC	900S 3CKL H/back						
NA3	900S 4SNL Sed.		3125				
NA3-AC	900S 4SNL Sed.						

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 -

071080

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Saab-Scania Aktiebolag Executive Order No. A-22-16 Page 1

Engine Family BSA2.0V6FC9 Evaporative Family 900-2

ABBREVIATIONS Engine CID (Liters) 121.1 (2.0)

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

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
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Models

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

E.O. #A -22-16

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Saab-Scania Aktiebolag Page 1A

Engine Family BSA2.0V6FC9 Engine Code

ECS (Special Features) EGR, TWC/CL (MFI) CID (Liter)-Type 121.1 (2.0) L-4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight *	Ign. System CA, VA, EI Part No.	Fuel System MFI Part No.	EGR Valve Part No.	Label Ident. Part No.
NM5	900 3CKL H/back	M-5	2875	Bosch	Bosch	7.20749.01	93 45 497
NM5-AC	900 3CKL H/back		3000	0 237 009 008	MFI Dist.		
NM5	900S 3CKL H/back				0 438 100 032	Saab Part #	
NM5-AC	900S 3CKL H/back			Saab Part #		93 50 216	
NM5	900S 4SNL Sed.			93 09 345	Saab Part #		
NM5-AC	900S 4SNL Sed.		3125		93 15 169		
NA3	900 3CKL H/back	A-3	3000				
NA3-AC	900 3CKL H/back						
NA3	900S 3CKL H/back						
NA3-AC	900S 3CKL H/back						
NA3	900S 4SNL Sed.		3125				
NA3-AC	900S 4SNL Sed.						

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 -

071080