

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.

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|---|---|
| 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:

| <u>Engine Family</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|----------------------|--|---|---|
| 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

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A -22-16

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

Manufacturer Saab-Scania Aktiebolag Page 1A

Engine Family BSA2.OV6FC9 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 0 237 009 008 Saab Part # 93 09 345 | Bosch MFI Dist. 0 438 100 032 Saab Part # 93 15 169 | 7.20749.01 Saab Part # 93 50 216 | 93 45 497 |
| NM5-AC | 900 3CKL H/back | | 3000 | | | | |
| NM5 | 900S 3CKL H/back | | | | | | |
| NM5-AC | 900S 3CKL H/back | | | | | | |
| NM5 | 900S 4SNL Sed. | | 3125 | | | | |
| NM5-AC | 900S 4SNL Sed. | | | | | | |
| 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 -

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Manufacturer Saab-Scania Aktiebolag Executive Order No. A-22-16 Page 1
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|---|--|--------|--------------------------|--|---|--|-----------------------|
| NM5 NM5-AC NM5 NM5-AC NM5 NM5-AC | 900 3CKL H/back 900 3CKL H/back 900S 3CKL H/back 900S 3CKL H/back 900S 4SNL Sed. 900S 4SNL Sed. | M-5 | 2875 3000 3125 | Bosch 0 237 009 008 Saab Part # 93 09 345 | Bosch MFI Dist. 0 438 100 032 Saab Part # 93 15 169 | 7.20749.01 Saab Part # 93 50 216 | 93 45 497 |
| NA3 NA3-AC NA3 NA3-AC NA3 NA3-AC | 900 3CKL H/back 900 3CKL H/back 900S 3CKL H/back 900S 3CKL H/back 900S 4SNL Sed. 900S 4SNL Sed. | A-3 | 3000 3125 | | | | |

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