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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-32 Relating to Certification of New Motor Vehicles

SAAB-SCANIA SB

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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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1986 model-year Saab-Scania SB exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)		
GSA2.0V5FTB9	121	(2.0)	Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Turbocharged)		

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

J · · · · · · · · · · · · · · · · · · ·		Carbon Monoxide <u>Grams per Mile</u>	Nitrogen Oxides Grams per mile
0.41		7.0	0.7

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
<u>Grams per Mile</u>	Grams per Mile	Grams per Mile
0.33	1.8	0.4

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

SAAB-SCANIA SB

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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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 <u>et seq.</u>) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

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 $3c^{/T}$ day of September, 1985.

(m) num

K. D. Drachand, Chief Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer	SAAB-SCANIA AB		Executive Order No.	A-22-32
Engine Family	GSAZ.OV5FTB9	*	Evaporative Family	9000-4
•			Engine CID (Liters)	2.0L

ABBREVIATIONS

Ignition System

Exhaust Emissions Control System

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

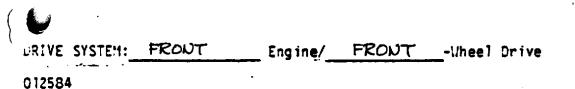
Fuel System CFI, CL, DID, DIP, EFI, HFI NVenturi Carburetor Variable Venturi

AIP-Air Injection-Pump AIV-Air Injection-Valve CL-Closed Loop EGR-Exhaust Gas Recirculation EM-Engine Modification OC-Oxidation Catalyst System TOC-Trap Oxidizer Continual TOP-Trap Oxidizer Periodical 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 EFI-Electronic Fuel Injection IC - Intercooler MFI-Mechanical Fuel Injection TC-Turbocharged

VEHICLE MODELS: 900 TURBO 3-DOOR HATCHBACK (3-CKL) - M5 & A3 TRANSMISSION 900 TURBO EAG 3-DOOR HATCHBACK (3CKL) " 900 TURBO SPG 3-DOOR HATCHBACK (3CKL) - M5 TRANSMISSION ONLY 900 TURBO CABRIOLET - M5 & A3 TRANSMISSION



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	198 A eng er Cars <u> L</u> i		-	ARD SUPPLEMENT		X Gas	Diesei
	facturer <u>SAAB-</u>				Pag e Engin	202TM5A	c
Engi	ne Family <u>GSA</u>	2.0V5	FTB9		Code CID (Liter)-	ZOZTAJA	<u> </u>
EC S	(Special Features)	CL,7	WC,EF	1	Type _		
Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
	(Hp)		we syste	Part No.	Part No.	Part No.	Part No
202 TM5AC 900T - 3CK	900T - 3CKL 900T EAG -	M5	3125	BOSCH IGNITION DISTRIBUTOR ASSEMBLY	ELECTRONIC		
	3CKL	M5	3125	1500 507 IGNITION COIL	FUEL INJECTION SYSTEM		
	900T SPG- 30KL 900T CABRICLET	M5 M5	3250 3250	85 73 834	ELECTRONIC CONTROL UNIT 75 14 904		
					Bosch Lh Air Mass Meter		
(Ŧ	ly fuel · Injector		•
2027АЗАС	900T-3CKL 900T-EAG-	A3	3125		LH CONTROL PRESSURE		
	3CKL	A3	3250		2EGULATOR		
	900T CABRIOLET	A3	3250		LH TEMPERATURE TRANSMITTER		

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.

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