State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-52 Relating to Certification of New Motor Vehicles

SAAB AUTOMOBILE AB

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 1991 model-year Saab Automobile AB exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MSA2.3V5FTB2 Displacement: 2.0 Liters (121 Cubic Inches)

2.3 Liters (140 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Heated Oxygen Sensor
Three-Way Catalyst
Charge Air Cooler
Turbocharger
Exhaust Gas Recirculation (2.0 Liters only)
Multipoint Electronic Fuel Injection

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

The following are the exhaust emission standards for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides		
(Grams per Mile)	(Grams per Mile)	(Grams per Mile)		
0.41	7.0	0.4		

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides		
(Grams per Mile)	(Grams per Mile)	(Grams per Mile)		
0.20	2.3	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".

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 Code of Regulations, 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 1988 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 Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 provisions (California Health and Safety Code Section 43205).

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 21 day of August, 1990.

for R. B. Summerfield

Assistant Division Chief
Mobile Source Division

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Manufactu	rer_Saab Auto	mobile	AB		Engine Famil	y MSA2.3V5F	TB2
Pass Car_	X Lt-Duty	Truck	Med-	Duty V	ehicle	Fuel Type_c	asoline
Engine Ty	pe <u>I4</u> Liter				vaporative F	amily <u>M-5</u>	
	Control Sys. a eviations per	& Speci		res <u>T</u>			
Engine: F	ront <u>X</u> Mid	Rear		rive:	FWD <u>x</u> RWD	_ 4WD-FT	4WD-PT
Eng. Code/ (Cert. Std.)	(If Coded see	Trans. Type: A-Auto M-Man.	Test		Ign.Sys. (PCME/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
234L4BD	9000 Turbo 9000CD Turbo	A&M "	3500 "	6.8	88 57 187 "	n/a "	93 92 457
	900 Turbo 900 Convertib 900 Convertib	e A&M	3250 3375 3375	6.9 8.4 8.7	91 19 462	87 88 721 "	75 33 540
202P5BB	"Special Edit 900 SPG	on" M	3250	7.2	H	u	11
FOR ADDIT	IONAL PART NUI	ibers -	SEE PAG	IS: 20-	7T, 20-8T, 2	0-9т	·
*Note: EGR	on engine cod	les 2021	.5BB & 2	2P5BB	only.		·
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Revisions: 3/19/91 042090