State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-58
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 1993 model Saab Automobile AB exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: PSA2.3V5FTM7 Displacement: 2.3 Liters (140 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converter
Multiport Fuel Injection
Heated Oxygen Sensor
Turbocharger
Charge Air Cooler

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

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.41	7.0	0.4

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.31	1.7	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile hydrocarbon and carbon monoxide standards pursuant to Section 1960.1(e)(1)(B), Title 13, California Code of Regulations (passenger cars produced by a small-volume manufacturer).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "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, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 regulations (Title 13, California Code of Regulations, Section 2035 et seq.).

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 10th day of August, 1992.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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Manufacturer Saab Automobile AB Engine Family PSA2.3V5FTM7

Passenger Car X (PC) Light-Duty Truck ___ (T1/T2) Medium-Duty Vehicle ___ (M1/M2/M3/M4/M5)

Stds Type: Tier 0 (Tier 0/1,AB965,TLEV,LEV,ULEV) Veh.Type (FFV,HEV(type A/B/C)): n/a

Fuel Type: Gasoline Evaporative Family: P-5

Engine Config. I4 Liter (CID) 2.3 (140)

Engine: Front X Mid. ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT ___

Exhaust ECS & Special Features (incl. CARB, MFI, etc.) TWC, MF1, HO2S, TC, CAC
(use abbreviations per SAE 1930 MAY91)

Engine Code (Cert. Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual		ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
234L8SD	9000CS/CSE	M	3500	7.5	91 36 490	n/a	43 93 575	
234L8SD	9000CS/CSE	A	3500	7.5	91 36 490	n/a	43 93 575	
234L8SD	9000CD/CDE	M	3500	6.9	91 36 490	n/a	43 93 575	
234L8SD	9000CD/CDE	A	3500	6.9	91 36 490	n/a	43 93 575	