State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-53 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 1992 model Saab Automobile AB exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NSA2.3V5FNA6 <u>Displacement</u>: 2.3 Liters (140 Cubic Inches) 2.1 Liters (129 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst Heated Oxygen Sensor Multipoint Electronic Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachment (s).

The emission standards for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.41	7.0	0.4

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	Nitrogen Oxides
0.21	2.2	0.3

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

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 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 Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model-year (Title 13, California Code of Regulations, Section 2290).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model-year (Title 13, California Code of Regulations, Section 1965).

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 (Title 13, California Code of Regulations, Section 2035 et seq.).

Yehicles 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 $\frac{28}{}$

_ day of August, 1991.

R./B. Summerfield / Assistant Division Chief Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-22-53 Page Manufacturer Saab Automobile AB Engine Family NSA2.3V5FNA6 Pass Car X Lt-Duty Truck Med-Duty Vehicle Fuel Type Gasoline Engine Config. I4 Liter (CID) 2.3 (140) Evaporative Family N-5 2.1 (129)Exhaust ECS & Special Features (incl. CARB, MPI, etc.) TWC, MPI, HO2S (Use abbreviations per SAE J1930 Jun88) Engine: Front X Mid. Rear Rear Drive: FWD_X RWD___ 4WD-FT___ 4WD-PT_ | Veh. Models | Trans. | Equiv. | RLHP| Ign.Sys. Eng. Catalyst EGR Code/ (If Coded IType: | Test I (PCME/PROM)| Syst. Part No. (Cert. see IA-Autol Weight! Part No. Part Attachmt.) | M-Man.| Std.) No. 23416BD 9000, 90008 М 3375 6.6 78 72 237 n/a 93 92 457 9000CD М 3500 6.6 78 72 237 n/a 93 92 457 9000, 90008, Α 3500 6.6 78 72 237 n/a 93 92 457 9000CD 212I5BB 900 3-door М 3000 7.9 91 28 117 n/a 75 33 540 900 3-door 7.9 91 28 117 3125 Α n/a 75 33 540 900S 3-door A&M 3125 7.9 91 28 117 75 33 540 n/a 900 4-door A&M 3125 8.3 91 28 117 n/a 75 33 540 900S 4-door A&M 3125 8.3 91 28 117 n/a 75 33 540 900S Convert. 3250 A&M 8.4 91 28 117 75 33 540 n/a

FOR ADDITIONAL PART NUMBERS - SEE PAGES 20-7 N & 20-8 N