State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-66
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 1995 model-year SAAB Automobile AB exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: SSA2.3VJGFFA Displacement: 2.3 Liters (140 Cubic Inches)
2.0 Liters (121 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection
Heated Oxygen Sensor
Three Way Catalytic Converter

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

The certification exhaust emission standards (alternative in-use compliance standards in parentheses) for this engine family in grams per mile are:

| Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|
| 50,000 | 0.25 (0.32) | 3.4 (5.2) | 0.4 (n/a) |
| 100,000 | 0.31 (n/a) | 4.2 (n/a) | n/a |

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

| Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|
| 50,000 | 0.11 | 1.9 | 0.2 |
| 100,000 | 0.13 | 2.2 | n/a |

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models are permitted alternative in-use compliance set forth in the "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles", pursuant to provisions in the said standards and test procedures applicable to small-volume manufacturers.

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 the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," pursuant to provisions in said standards and test procedures applicable to small-volume manufacturers.

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 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(3.0) 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 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.).

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 23rd day of June, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-22-66

199 5 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES



Manufacturer: Saab Automobile AB  Exh Engine Family: SSA2.3VJGFFA

Evap Std: 50K x  Useful Life with R/L___  Evap Engine Family: SSA1035BYPOA

Exh Std: Tier-0___ Tier-1 x TLEV___ LEV___ ULEV___ ZEV___ ; EPA Tier-0___ Tier-1 x

Veh Class(es): PC x LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4___ MDV5___

Single Cert Std for Multi-Class Eng Fam: n/a (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo x Ph2___ Diesel: 13 CCR 2282___ or 40 CFR 86.113-90___ or -94___
M85___ CNG___ LPG___ Other (specify)___

Fuel Type(s): Dedicated___ Flex-Fuel___ Dual-Fuel___ Gasoline x Diesel___ M85___
CNG___ LNG___ LPG___ Other (specify)___

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)___

Engine Configuration: I4 Displacement: 2.3 / 2.0 Liters 140 / 121 Cubic Inches

Engine: Front x Mid___ Rear___ Drive: FWD x RWD___ 4WD-FT___ 4WD-PT___

Exhaust ECS (eg., EGR, MFI, TC, CAC): SFI, HO2S,TWC
(use abbreviations per SAE J1930 SEP91)

| Engine Code (also list CA/49ST/50ST | Vehicle Models (if coded see attachment) | Trans. Type A-automatic M-manual | ETW or Test Wt | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalytic Converter Part No. |
|---|---|---|---|---|---|---|---|
| 04L3 | 900 S/SE Coupe | | 3375 | 7.2 | Manual Trans. 44 45 318 | n/a | 44 44 204 |
| (50ST) | 900 SE Convertible | A & M | 3500 | 7.2 | ALT 91 32 671 | | 44 44 204 |
| | | | | | Auto.Trans. 42 39 828 | | 44 44 204 |
| B234L4 (50ST) | 9000 CS | A & M | 3625 | 7.1 | 43 01 909 | n/a | 45 26 372 |
| | 9000 CSE | | 3500 | 7.5 | 43 01 917 | | 45 26 372 |
| | 9000 AERO (Automatic) | | 3625 | 6.6 | 43 01 917 | | 45 26 372 |
| B234R4 | 9000 AERO (manual) | M only | 3500 | 6.6 | 43 01 974 | n/a | 45 26 372 |

Date Issued:

Revisions: