

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-22-7  
Relating to Approval of New Motor Vehicles

SAAB-SCANIA AKTIEBOLAG

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Saab-Scania Aktiebolag exhaust emission control systems for 1976 model-year passenger cars are approved for the engine family described below:

- Engine Family: BI 20MR
- Engine: 121.1 CID
- Transmission: 4-Speed Manual and 3-Speed Automatic
- Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Fuel Injection.

- Models: SAAB (M/T)
  - 99 GL
  - 99 GL Wagon Back
  - 99 EMS
- SAAB (A/T)
  - 99 GL Automatic
  - 99 GL Wagon Back Automatic
  - 99 GLE

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
BI 20MR	0.9	7.1	1.8

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 25<sup>th</sup> day of November, 1975.

*G.C. Hass*  
 G. C. Hass, Chief  
 Division of Vehicle Emissions Control

PASSENGER CARS

LIGHT-DUTY VEHICLES

MANUFACTURER: SAAB-SCANIA AKTIEBOLAG, SAAB CAR DIVISION, S-461 01 TROLLHÄTTAN, SWEDEN EXECUTIVE ORDER NO A-22-7

Line Model	Vehicle Models (If coded see attach- ment)	Engine CID	Trans. & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System				Basic Timing	Idle Mixture
					Type	Mfgr. Part No	Type	Mfgr. Part No	Type	OC Part No X	TR Part No X	EGR Service		
1 OMR	Saab 99GL (2 or 4 doors) Saab 99GL WagonBack Saab 99EMS	121.1	Man. 3.89:1	3000	C,V	0231170122	FI xx)	FI AI EGR CAN	None	835792 Part No., 875+50 service in neut. every 15000 (I) mile xxx)	835792 Part No X	835792 Part No X	+12 BTDC @ 800 RPM, vacuum discon'd	XXXXX 1.25% ±0.75%
1 OMR	Saab 99GL (2 or 4 doors) Saab 99GL WagonBack Saab 99GLE (4 doors)	"	Aut. 3.89:1	"	"	"	"	"	"	"	"	"	"	"

xxx) The fuel injection system consists of:

1. Fuel distributor 0438100005
2. Air-flow sensor 0438120009
3. Warm-up regulator 0438140013
4. Air by-pass valve 0280140107
5. Injection valve 0437502004
6. Electric fuel pump 0580254994
7. Fuel filter 0450905005
8. Fuel accumulator 0438170001
9. Start valve 0280170401
10. Thermo-time switch 0280130217
11. Electric relay 0332204125
12. Accel. Enrich. switch 832600

xxxx) The EGR-system consists of:

1. EGR-valve
  2. EGR vacuum signal cut-out (wax thermostat)
  3. EGR vacuum signal cut-out (operated from vacuum pick-up in throttle housing)
  4. EGR vacuum amplifier - manual automatic 832144 838684
- xxxx) Basic Timing - At 800 RPM with distributor vacuum line disconnected and transmission in neutral.

xxxxx) Idle mixture

- Adjust idle CO with air injection and emistrefeves. purge pipe disconnected
- 835792  
835787  
838683  
832144  
838684

Abbreviations:

Distributor Exhaust Emission Control System

C - Centrifugal Advance  
V - Vacuum Advance  
VR - Vacuum Retard

AI - Air Injection  
EFI - Electronic Fuel Injection  
EGR - Exhaust Gas Recirculation  
EM - Engine Modifications

FI - Fuel Injection  
OC - Oxidation Catalyst  
EC - Reduction Catalyst  
TR - Thermal Reactor

Evaporative Control System

CAN - Charcoal Canister Storage  
TS - Tank Storage  
Service  
I - Inspect, repair, replace as needed  
R - Replace