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State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-18-3R  
Relating to Approval of New Motor Vehicles

AB VOLVO, CAR DIVISION

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 AB Volvo, Car Division exhaust emission control systems for 1976 model-year passenger cars are approved for the engine family described below:

Engine Family: B27FC1  
Engine: 163 CID  
Transmission: 3-Speed Automatic or 4-Speed Manual and Overdrive  
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Fuel Injection, Oxidation Catalyst

Models: Volvo  
262  
264  
265

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>
B27FC1	0.6	1.7	1.8

BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

BE IT FURTHER RESOLVED: That this Executive Order is issued subject to the following conditions:

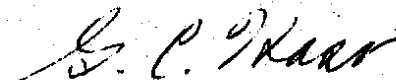
(1) AB Volvo, Car Division will submit a list of all operating conditions which may lead to catalyst overheating, the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request.

(2) AB Volvo, Car Division agrees to provide all purchasers of vehicles built and sold under this Executive Order with any information which is required to be given to purchasers of similar 1976 model-year vehicles manufactured under a subsequent Executive Order.

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 27 day of October, 1975.



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

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1976 MODEL YEAR

PASSENGER CARS  LIGHT-DUTY TRUCKS

MANUFACTURER: AB Volvo, Car Division EXECUTIVE ORDER NO. A- 18-3 PAGE NO. 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans	Inertia Weight	Distributor		Fuel System		Emission Control System			Idle RPM	Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	OC	TR			
27FC1	262 264 265	163	M/T5 A/T3	3500	EI, C,VR	Bosch 269134	FI	Bosch 7400- 269433	AI EGR FI OC	462863	464523	900 RPM in neutral	10° BTDC @ 700- 800 RPM in neutral Vacuum- Discon- nected	1.7% CO + 0.3% @ 900 RPM in neutral Air Injection Discon- nected Upstream Tap

The part numbers shown on this page are Volvo. See attached sheet for cross reference between Volvo and vendor part numbers

- Abbreviations:
- AI - Air Injection
  - EFI - Electronic Fuel Injection
  - EGR - Exhaust Gas Recirculation
  - EM - Engine Modifications
  - CAI - Catalyst Air Injection
  - ESAC - Electronic Spark Advance Control
  - PAI - Pulse Air Injection
  - \*Service
  - I - Inspect, repair/replace as needed
  - R - Replace
  - EFE - Early Fuel Evaporation
  - FI - Fuel Injection
  - OC - Oxidation Catalyst
  - RC - Reduction Catalyst
  - TR - Thermal Reactor

Attachment to Supplemental Data Sheet - Engine Family B27FC1

Volvo Part No.	Item	Vendor No.	No. Location for Checking, and Notes
269134	Distributor	0 237 402 004	Stamped on side of aluminium body
7400-269433	Air fuel control unit	0 438 060 008	Not marked on assy. but consists of following two units:
None	Fuel distributor unit	0 438 100 006	On plate on side of body
None	Air metering unit	0 438 120 016	On plate on side of body, below fuel distributor unit
462863	Oxidizing catalyst	None	On Volvo label. Engelhard catalyst with consecutive serial nos.
464523	EGR valve	PE 20193	Stamped on flat on casting. Color coded red on top screw