

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-18-4R
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: B21FC1
- Engine: 130 CID
- Transmission: 3-Speed Automatic, 4-Speed Manual or 4-Speed Manual and Overdrive
- Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Fuel Injection, Oxidation Catalyst

- Models: Volvo
- 242
 - 244
 - 245

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> |
|----------------------|--|---|---|
| B21FC1 | 0.3 | 5.0 | 1.6 |

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.

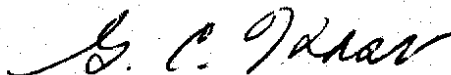
BE IT FURTHER RESOLVED: That this Executive Order is issued subject to the following conditions:

- (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

Attachment to Supplemental Data Sheet - Engine Family B21FC1

| Volvo Part No. | Item | Vendor No. | No. Location for Checking, and Notes |
|----------------|-----------------------|---------------|---|
| 463694 | Distributor | 0 237 002 007 | Stamped on side of aluminium body |
| 463935 | Air-fuel control unit | 0 438 040 003 | Not marked on assy. but consists of following two units: |
| None | Fuel distributor unit | 0 438 100 005 | On plate on side of body |
| None | Air metering unit | 0 438 120 005 | On plate on side of body, below fuel distributor unit |
| 462863 | Oxidizing catalyst | None | On Volvo label Engelhard catalyst with consecutive serial nos. |
| 1219387 | EGR Valve | PE 20192 | Stamped on flat on casting Color coded yellow on top screw |
| 464523 | EGR valve | PE 20193 | Stamped on flat on casting Color coded red on top screw |