State of California
AIR RESOURCES BOARD

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

VOLVO OF AMERICA CORPORATION

Pursuant to the authority vested in the Air Resources Board by Section 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;

IT IS ORDERED AND RESOLVED: That Volvo of America Corporation exhaust emission control systems for 1973-model light-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size (cubic inches)	Exhaust Emission Control Systems	Vehicle Models
B20FM	121	Fuel Injection	142-635, 142-634 144-634, 145-634 183-635
B20FA	121	Fuel Injection & Exhaust Gas Recirculation	142-636, 144-636 145-636, 183-636
B30FM	182	Fuel Injection	164-635
B30FA	182	Fuel Injection & Exhaust Gas Recirculation	164-636

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
B20FM	3.2	31	2.1
B20FA	2.1	22	2.4
B30FM	3.0	28	2.6
B30FA	3.1	16	2.3

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

Section 3 of the above procedure requires the manufacturer to submit, before the start of a model-year, a list of the items to be functionally checked and the procedure, including instrumentation, for performing these checks.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

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

Executed at Sacramento, California, this 25th day of September, 1972.

Original signed by
John A. Maga

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: VOLVO OF AMERICA CORPORATION

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	NOx	Evap.	Other
164-635	182(6 cylinder)	NA	M5	Bosch W200T35 Part #243131	C & VR	None	FI		Canister	
164-636	182(6 cylinder)	NA	A-3	Bosch W200T35 Part #243131	C & VR	None	FI	EGR	Canister	

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

FI = Fuel Injection
EGR = Exhaust Gas Recycle

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	NOx	Evap.	Other
142-635 142-634 144-634 145-634 183-635	121 (4 cylinder)	NA	M-5 M-4 M-4 M-4 M-5	Bosch W200T35 Part #243764	C & VR	None	FI		Canister	
142-636	121 (4 cylinder)	NA	A-3	Bosch W200T35 Part #243764	C & VR	None	FI	EGR	Canister	

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
142-635 142-634 144-634 145-634 183-635	121	NA	M-5 M-4 M-4 M-4 M-5	B20FM	3000	900N	10° BTDC @ 800 RPM	1.0 %
142-636 144-636 145-636 183-636	121	NA	A-3	B20FA	3000 3000 3500 3500	800N	10° BTDC @ 800 RPM	1.0 %

A = Automatic Transmission
M = Manual Transmission
NA = Not applicable

See other side for additional information.

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
164-635	182	NA	M-5	B30FM	3500	900 N	10° BTDC @ 800 RPM Transmission in Neutral	1.0 %
164-636			A-3	B30FA		800 N	10° BTDC @ 800 RPM Transmission in Neutral	

NA = Not applicable

See other side for additional information.