

VOLVO

Service Bulletin

Fault Tracing
Repairs
Maintenance



MODEL 700/900	GROUP 28	NUMBER 103
TITLE B234F Fuel/Ignition Electronic Control Units, Replacement		
MARKET US and Canada	DATE August 1991	

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REFERENCE: TP 31354/2 (ENGLISH); 09/90; LH 2.4 FUEL SYSYTEM

B234F Fuel and Ignition Control Units/Replacement

Both fuel and ignition ECU's were updated during 1991 M/Y production. The change is effective from the following chassis numbers:

Engine	Model	Plant	Chassis No.
B234F	944 -	1 (VTV)	- 028806
	945 -	1 (VTV)	- 016290
B234F	944 -	2 (Ghent)	- 029644
	945 -	2 (Ghent)	- 016477
B234F	944 -	3 (Halifax)	- 030393
	945 -	3 (Halifax)	- 018209

Both new-version ECU's will function in earlier applications, but only in tandem. (Refer to chart on next page). When Volvo's inventory of early fuel and ignition units is depleted, they will be superceded by the new-version units. Once a vehicle is updated with both new-version units, it is then possible to replace one independently of the other as needed.

Note: Federal and California emissions regulations restrict the interchangeability of control units.
Refer to the following applications list.

Service Personnel: circulate, read, and initial.

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SERVICE MANAGER	SHOP FOREMAN	SERVICE ADVISOR	SERVICE TECHNICIANS							



B234F Control Unit Application List

Only the following combinations of fuel and ignition control units are allowed. When replacing a fuel or ignition control unit on a B234F engine, do not mix early and late versions. Do not install early ECU's in late-version applications.

Market	Model	Model Year	Fuel control unit	Ignition control unit
all	no EGR	--> '91-1/2*	3517608-0 -----	3517609-8
			5517608-5 -----	3517609-8
			3507604-1 -----	3507646-2
			5003793-6 -----	3507646-2
all	no EGR	'91-1/2* -->	3507604-1 -----	3507646-2
			5003793-6 -----	3507646-2
all	with EGR	--> '91-1/2*	3517372-3 -----	3517371-5
			3517372-3 -----	3507213-1
			3507605-8 -----	3507645-4
			5003794-4 -----	3507645-4
all	with EGR	'91-1/2* -->	3507605-8 -----	3507645-4
			5003794-4 -----	3507645-4

* Refer to chassis number listing on previous page. From those numbers onward, **only** the new-version control units may be installed.

WARRANTY STATEMENT: Should replacement of a control unit be necessary, claims may be submitted under the terms of the Emission Warranty. See VSTG for applicable labor operations and time allowances.