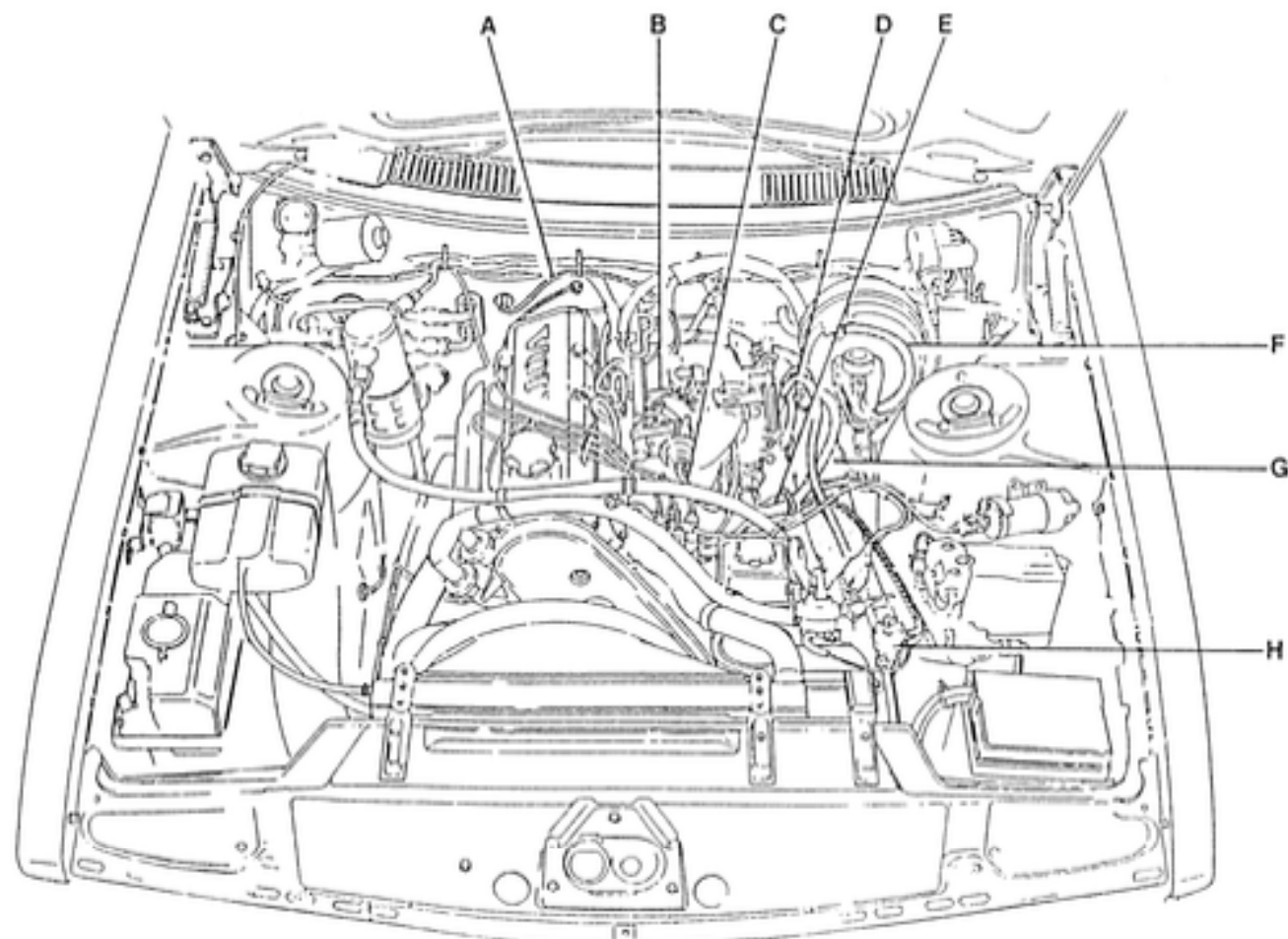
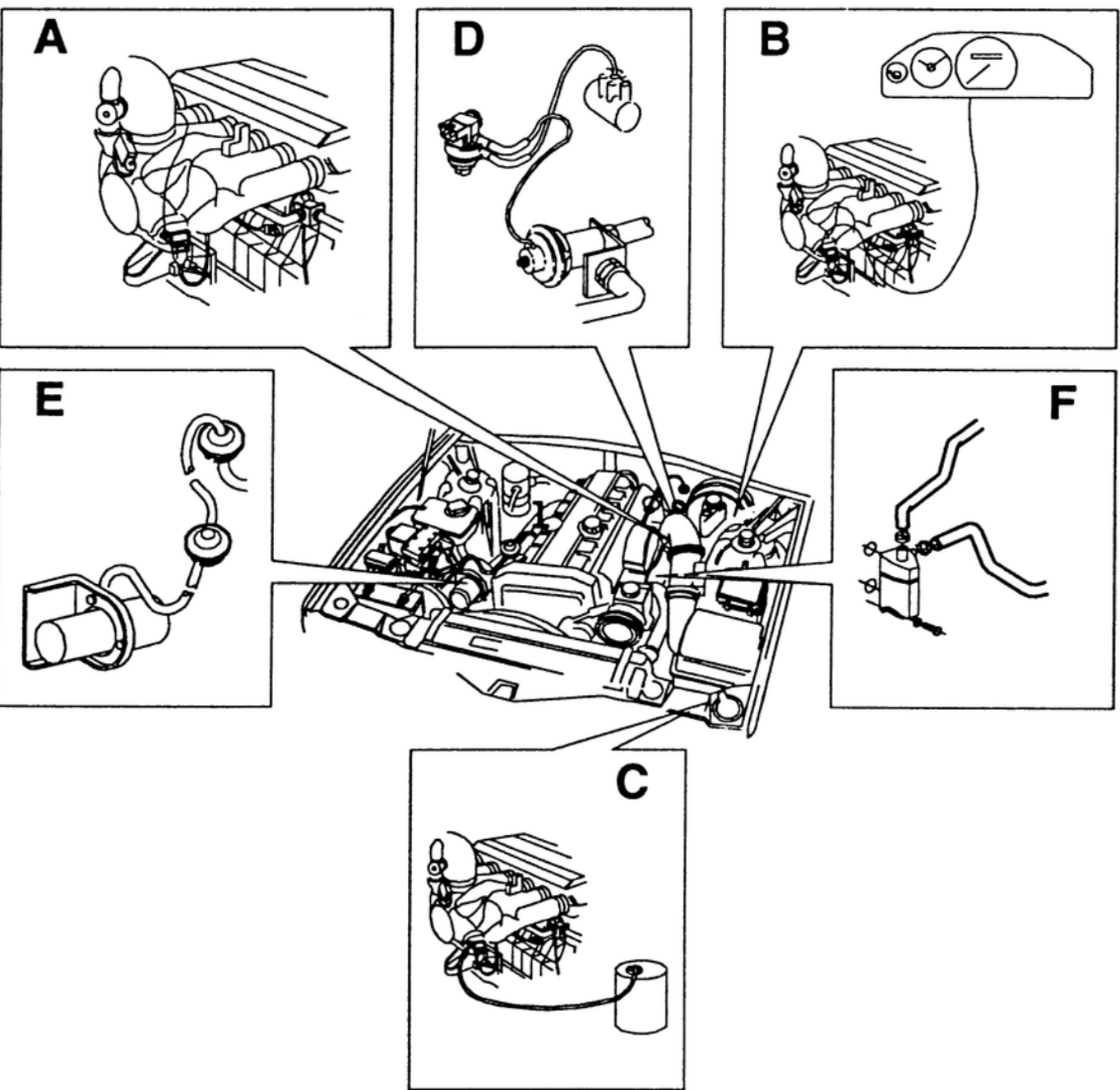
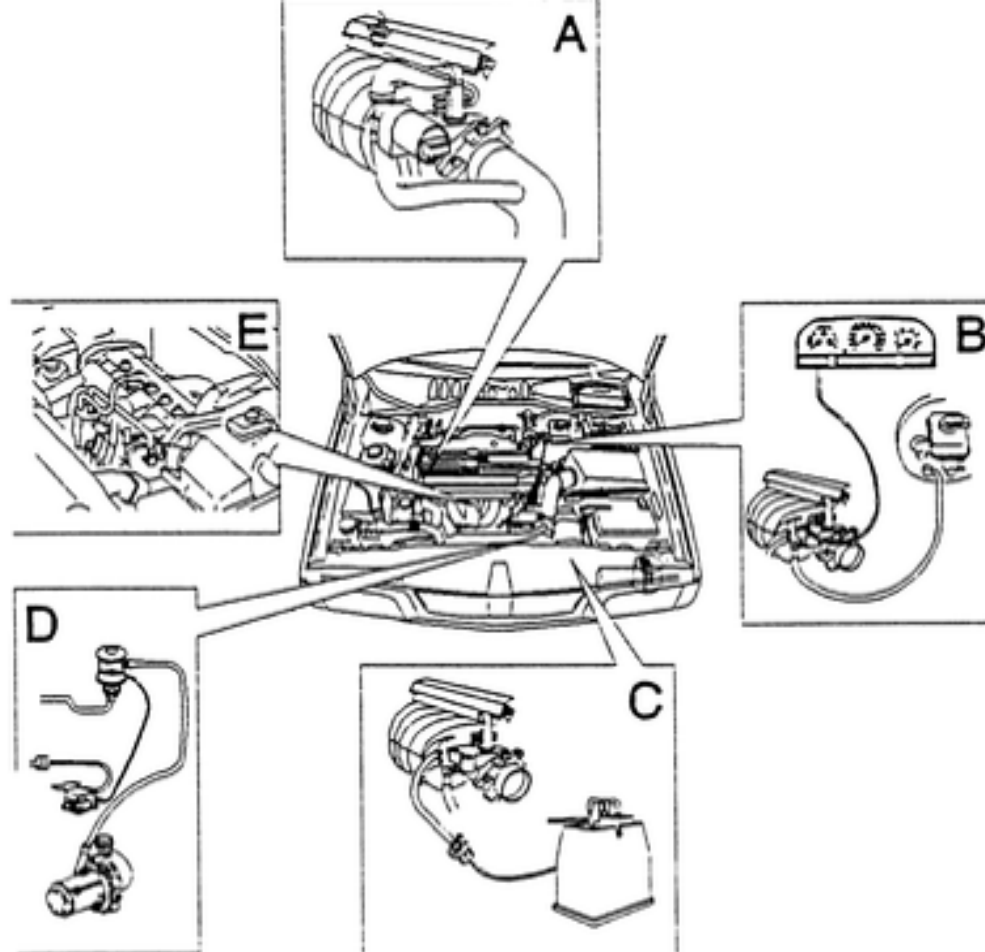


A	Vacuum hose, crankcase ventilation	E	Fresh air hose
B	Vacuum hose, A/C unit	F	IAC valve
C	Hose to power brake booster	G	Pressure regulator
D	Canister control hoses	H	Injectors



	Pressure regulator, IAC valve
	Brake servo
	EVAP system
	EGR system (certain markets only)
	Air pump system (certain markets only)
	Crankcase ventilation





A) IAC Valve System

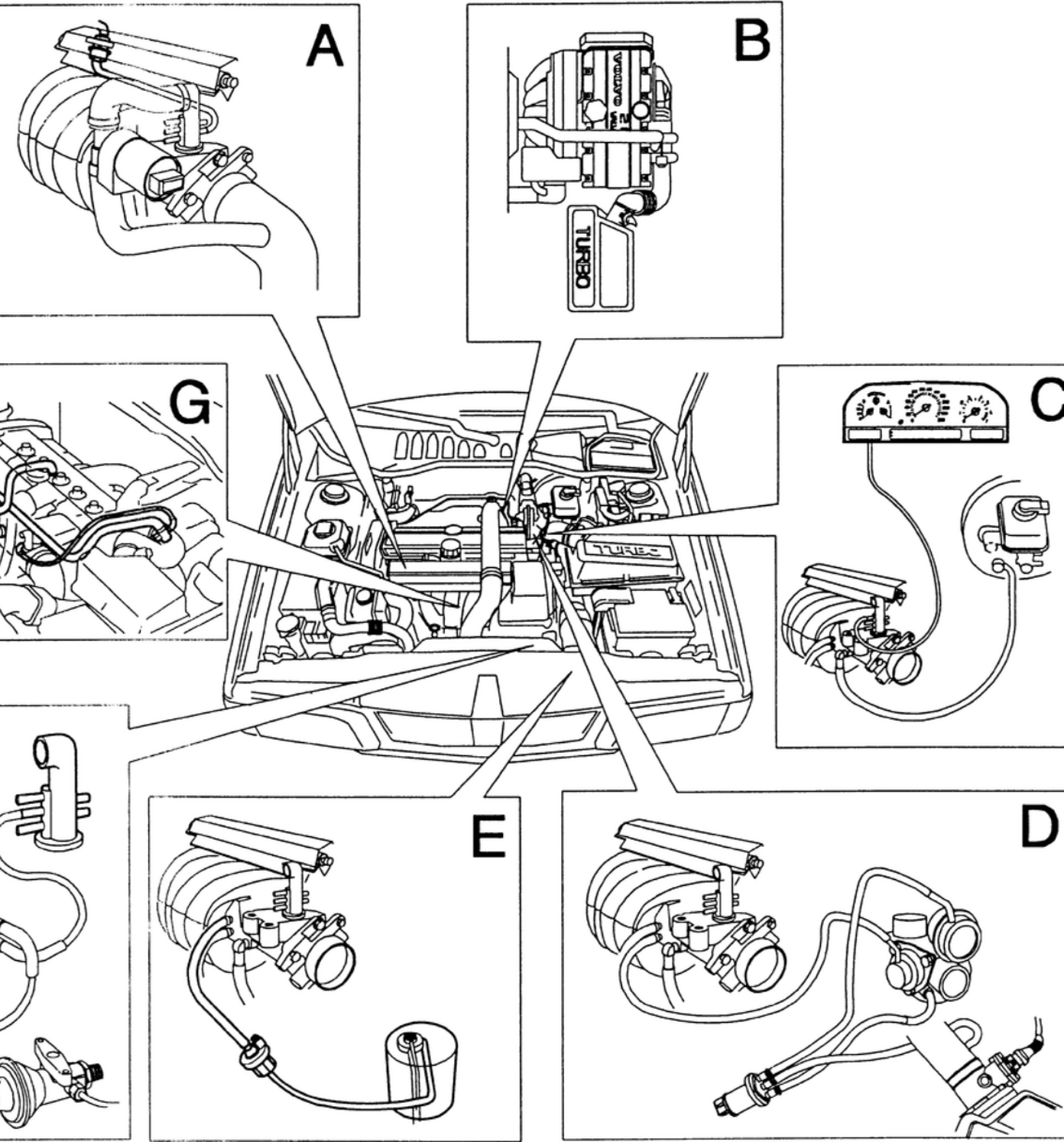
B) Brake Booster

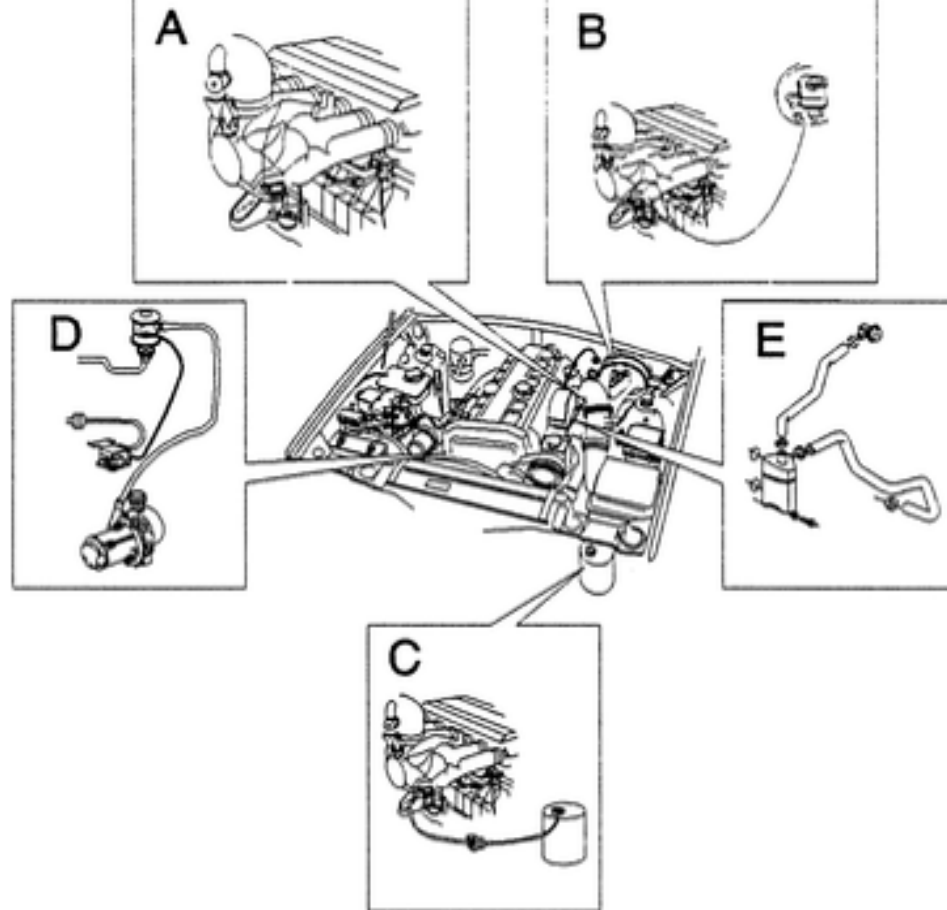
C) EVAP System

D) Air Pump System

E) PCV System

A	IAC valve pressure regulator
B	Turbo Charge Air Cooler (CAC)
C	Combined instrument
D	TC valve
E	EVAP system
F	EGR system
G	Crankcase ventilation





A) IAC System

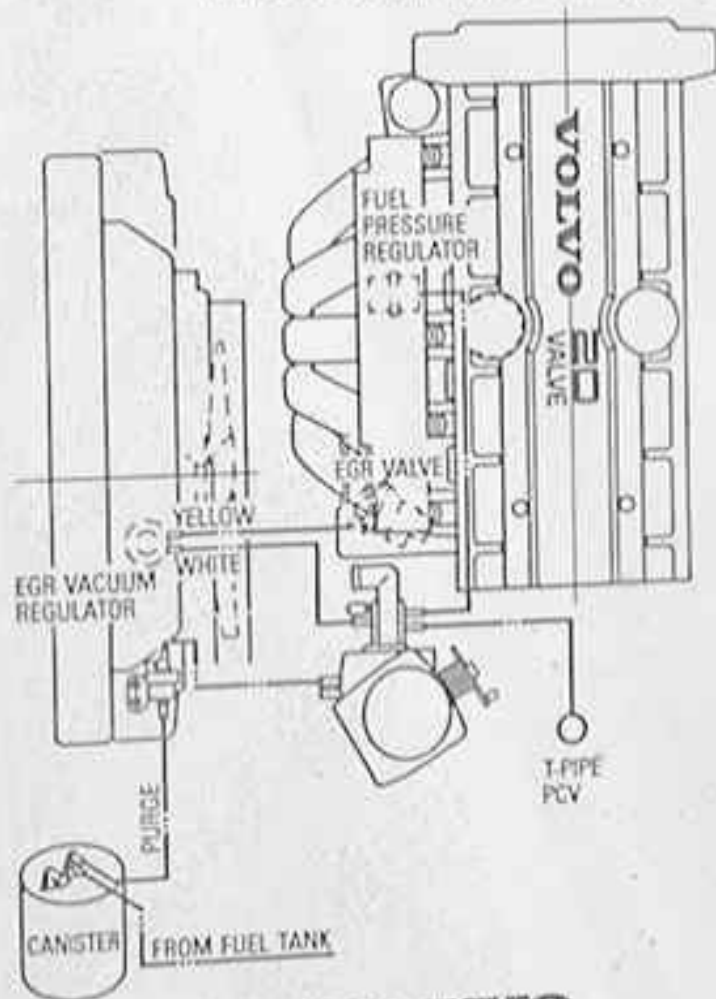
B) Power Brake Booster

C) EVAP System

D) Air Pump System

E) PCV System

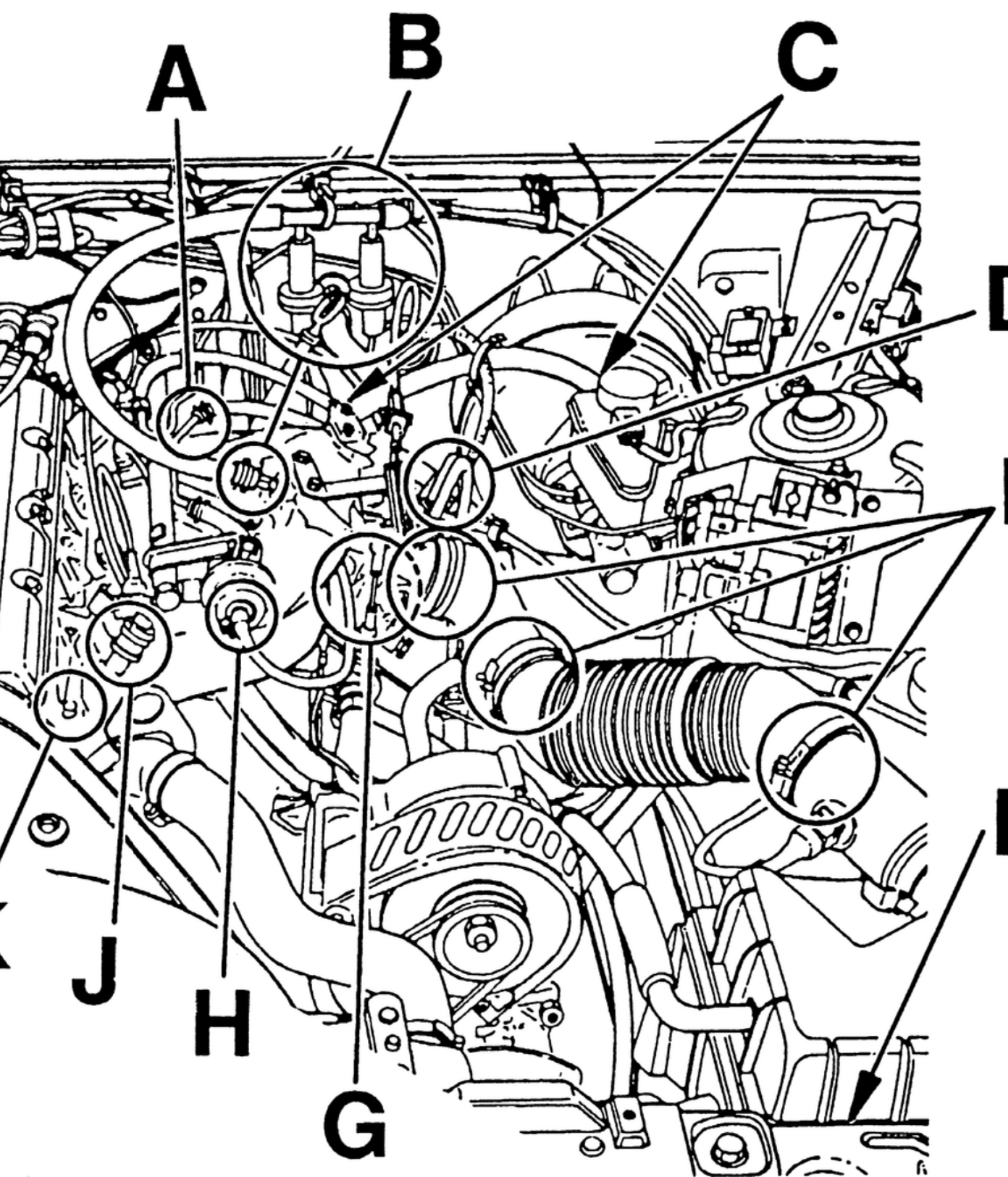
VACUUM HOSE ROUTING



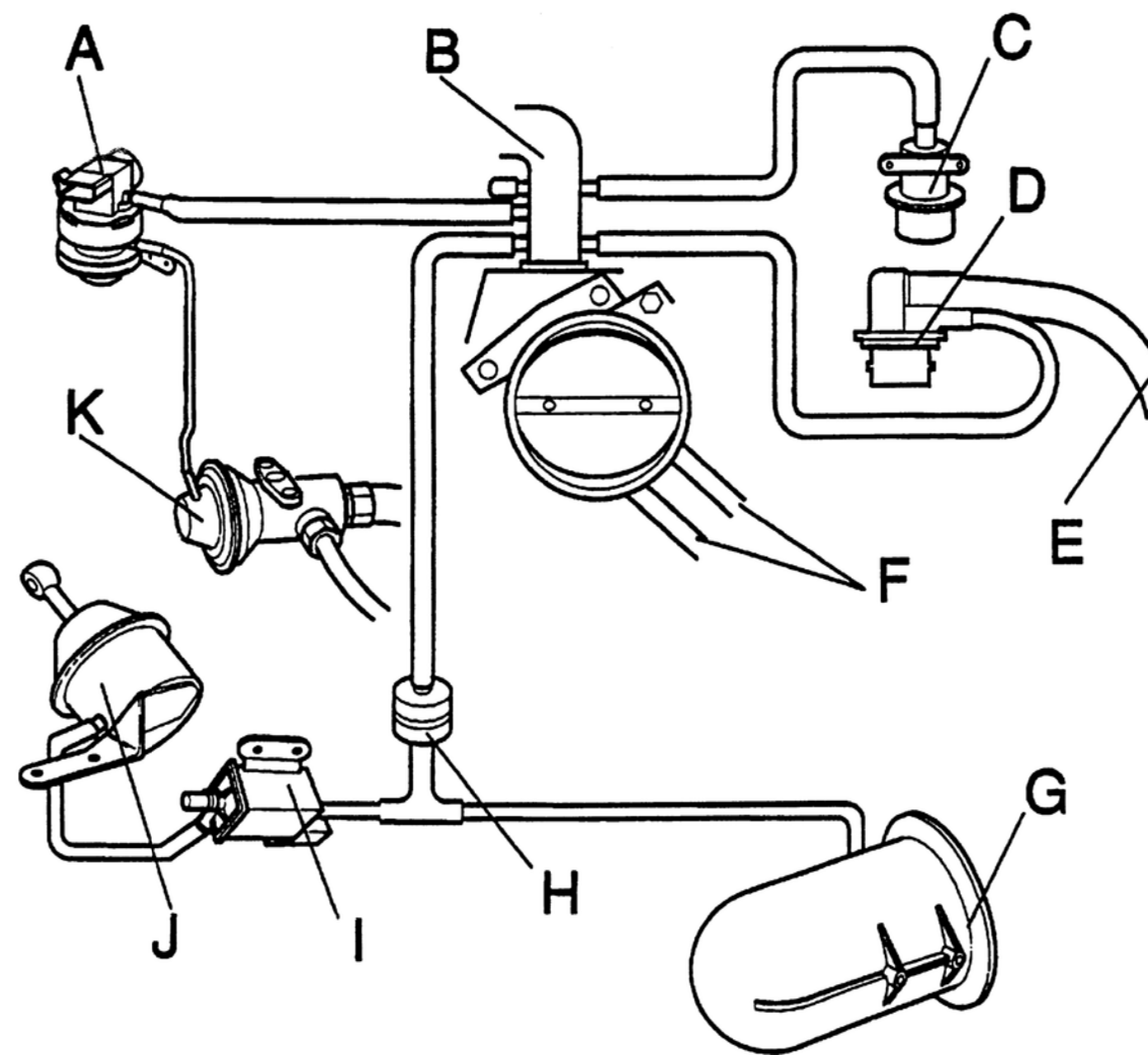
VOLVO

9430262

Pressure sensor	F	Cannister
Intake unit	G	Throttle housing
Pressure servo	H	Pressure regulator
Injector control	J	Injectors and cold-start injector
Intake manifold	K	Between intake pipe and engine block



controller	G	Vacuum reservoir
valve connection	H	Non-return valve
pressure regulator	I	V-VIS solenoid valve
crankcase ventilation valve	J	V-VIS vacuum servo
trap hose	K	EGR valve
P system hoses		



1992 Volvo 940

Submodel: | Engine Type: L4 | Liters: 2.3

Fuel Delivery: FI | Fuel: GAS

Following are vacuum diagrams for most of the engine and emissions package combinations covered by this manual. Because vacuum circuits will vary based on various engine and vehicle options, always refer first to the vehicle emission control information label, if present. Should the label be missing, or should the vehicle be equipped with a different engine from the vehicle's original equipment, refer to the diagrams below for the same or similar configuration.

If you wish to obtain a replacement emissions label, most manufacturers make the labels available for purchase. The labels can usually be ordered from a local dealer.

[Fig. 1: The vacuum diagram label on the underside of the hood](#)

[Fig. 2: Vacuum connection points — 1990–92 700 series with Regina fuel injection system](#)

[Fig. 3: Vacuum connection points — 1990–93 240 Series, 1990–92 700 Series, 1991 Coupe, and 1991–95 940 Series equipped with LH-Jetronic 2.4 or 3.1 fuel injection system](#)

[Fig. 4: Vacuum controlled components — 1991–95 960 Series equipped with Motronic 1.8 fuel injection system](#)

[Fig. 5: Vacuum diagram — 1993–95 850 Series equipped with LH-Jetronic 3.2 fuel injection system](#)

[Fig. 6: Vacuum controlled components — 1994–95 850 Series with non-turbo engines equipped with Motronic 4.3 fuel injection system](#)

[Fig. 7: Vacuum controlled components — 1994–95 850 Series with turbo engines equipped with Motronic 4.3 fuel injection system](#)

[Fig. 8: Vacuum controlled components — 1996–98 960/S90/V90 models with Motronic 4.4 fuel injection system](#)