

## Section 8 Body and interior

### Group 84 Glass and mirrors

Component	Power W	Resistance $\Omega$
Heated rear window .....	250 $\pm$ 25	0.48 $\pm$ 0.07
Heated door mirrors .....	20	-

### Group 87 Air conditioning (A/C)

#### Technical data:

Refrigerant:		
Type .....		R 134 a
Volume, cold climate market * .....	kg	0.825
Volume, warm climate market * .....	kg	0.750
* See the decal on the left suspension turret		
Compressor:		
Make and designation .....		ZEXEL DKS-15CH
Number of cylinders .....		6
Cylinder volume .....	cm <sup>3</sup>	147
Maximum speed .....	r/s (rpm)	130 (7800)
Safety valve opens at .....	bar	37.3 $\pm$ 2.9
Lubricating oil:		
Type .....	Volvo P/N.	11 61 407-0
Lubricating oil volume .....	ml	200

Current pressure data:	Engagement	Disengages	
Low-pressure switch (Pressostat) .....	bar	3.10 $\pm$ 0.15	1.60 $\pm$ 0.10
High pressure switch (Pressure switch), 3 functions (triple):			
High pressure shut-off .....	bar	24.00 $\pm$ 2.00	30.00 $\pm$ 2.00
Low pressure shut-off .....	bar	2.15 $\pm$ 0.35	2.00 $\pm$ 0.25
Cooling fan control .....	bar	16.50 $\pm$ 1.20	12.50 $\pm$ 1.50

#### Performance test:

##### Conditions:

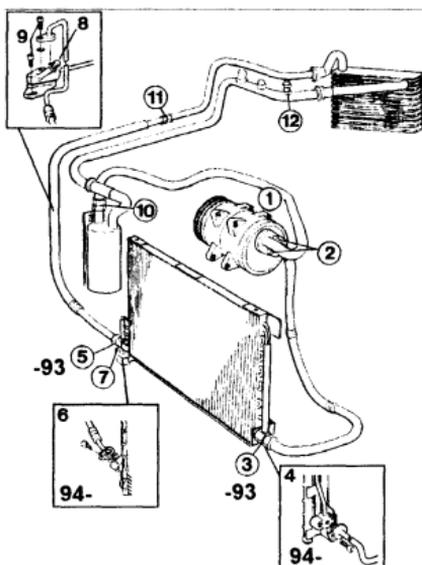
Hood .....	closed
Doors and windows .....	closed

S/V70

Group 87 Air conditioning (A/C)

Engine speed .....	1500 - 1600 rpm
Control setting: Blower fan speed .....	3
Temperature control .....	maximum cold
Function selector switch .....	vent
Air conditioning (A/C) switch .....	on
Recirculation switch .....	on

Recorded operating conditions			
°C (°F)			
Ambient air temperature measured in front of the car	20 (68)	30 (86)	40 (104)
Temperature of the expelled air measured at the centre panel vents.	5 - 8 (41 - 46)	5 - 8 (41 - 46)	8 - 12 (46 - 54)



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	Nm	ft.lb
1. Screws, compressor brackets	40/30	
2. Screws, compressor connections	24/18	
3/4. Connection to the condenser	20/15	
5/6. Connection from the condenser	20/15	
7/8. Connector, high-pressure switch	8/6	
9. Connector	20/15	
10. Connection from the receiver/dryer	30/22	
11. Expansion valve	30/22	
12. Pressure switch (Pressostat), plastic mounting	3/2	
(steel mounting)	(8/6)	