

Section 8 Body and interior

Group 84 Glass and mirrors

Component	Power (W)	Resistance
Heated rear window	250 ± 25	
Heated door mirrors	20	

Group 87 Air conditioning (A/C)

Refrigerant , type	R 134 a
quantity, cold markets	kg 0.825
hot markets	kg 0.750
Compressor , make and designation	ZEXEL DKS-15CH
No. of cylinders	6
cylinder displacement	cm ³ 147
max. speed.....	r/s (r/min) 130 (7800)
safety valve actuated at.....	bar 37.3 ± 2.9
Lubricating oil , type	Volvo P/N 11 61 407-0
lubricant volume	ml 200

	Cut-in	Cut-out
Low-pressure switch (Pressostat)	bar 3.1 ± 0.15	1.6 ± 0.1
High-pressure switch (pressure monitor), 3 functions		
high-pressure switch-off	bar 24.0 ± 2.0	30.0 ± 2.0
low-pressure switch-off	bar 2.15 ± 0.35	2.0 ± 0.25
cooling fan control	bar 16.5 ± 1.2	12.5 ± 1.5

Performance test

Conditions

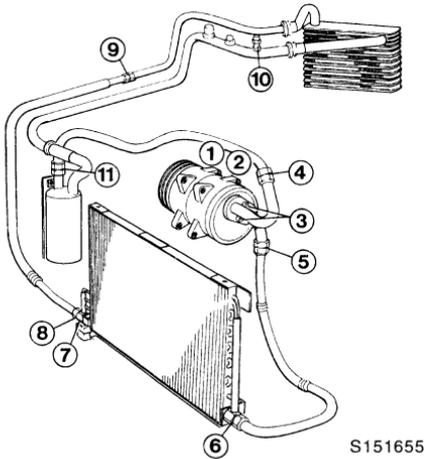
Bonnet (Hood).....	shut
Doors and windows	shut
Engine speed	2000 rpm

Control settings

Fan speed	3
Temperature controls	max. cool
Function selector	vent
A/C-switch	on
Recirculation switch	on

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

Tightening torque



S151655

	Nm	ft.lb
1. Screws, brackets/engine anchorage	20	15
2. Screws, compressor brackets	40	30
3. Screws, compressor pipe flange	24	18
4. Connection to compressor	60	44
5. Connection from compressor	45	33
6. Connection to condenser	20	15
7. Connection, pressure monitor	10	7
8. Connection from condenser.....	20	15
9. Expansion valve.....	30	22
10. Pressostat.....	3	2
11. Connection from receiver/drier	30	22