

Climate Control System - General Information -

General data

Air conditioning	
System type	CFC free expansion valve system
Compressor - V8 & Td5	NipponDenso 10PA17
Compressor - 300TDi	Sanden TRS105N

Fluids and lubricants

Item	
Air conditioning refrigerant type	R134A
Air conditioning refrigerant quantity	
V8	900 g ± 30 g
300 TDi	1100 g ± 50 g
Td5	750 g ± 50 g
Refrigerant oil type	NipponDenso ND-OIL8
Refrigerant oil quantity	180 ml (6.3 fl oz)

Torque wrench settings

Item	Nm	lbf.ft
Compressor to mounting bracket	25	18
Compressor pipe flange bolts	10	7
Receiver drier union bolts	6	4.5
Pressure cut-off switch	11	8
Pressure pipe union nuts - M16	14	10
Discharge pipe union nuts - M22	22	16
Suction pipe union nuts - M24	33	24