

Technician name: _____

Job No.: _____



Workshop Inspection Sheet

Automotive A/C System

Customer: _____		Date: _____	
Address: _____		Post code: _____	
Telephone: _____	Approx. date of last check: _____		
Registration no.: _____	Chassis No.: _____		
Make: _____	Model: _____	Mileage: _____	Radio code: _____

PRE-CHECK

Air Con machine	Ensure that a minimum of 5kg is displayed on the gross weight on Air Con machine. If 5kg or less is displayed re-order refrigerant
Air Con consumables	PAG Oil Type: PAG I <input type="checkbox"/> PAG II <input type="checkbox"/> / UV dye bottle <input type="checkbox"/> / Cartridge required <input type="checkbox"/> / Evaporator treatment: need re-order <input type="checkbox"/> (Tick boxes)

ITEM NO.	INSPECTION & CHECK LIST	YES	NO	ORDER
1	Checked stationary system pressure (should be 40-60 psi on both the low and high side manifold gauges). If system is empty, refer to item No. 4			
2	Start the vehicle. The A/C system running pressure should be: Low side approx. 15-30 psi and high side approx. 80-150 psi			
3	System running pressures (psi): Low side: _____ High side: _____			
4	Recovery of remaining refrigerant, amount _____. Vacuum system for 30mins			
5	Programme correct MFG charge weight. System recharged with R134a / 1234Yf _____ Kgs			
6	System PAG Oil added with correct type of oil – up to approx. 1oz for recharging of system (Grade of PAG Oil: _____)			
7	U-View dye added? (Up to approx. 1/4 oz recommended)			
8	A/C switch operating correctly?			
9	Re-circulation switch operational and working? Solenoid motors opening / closing?			
10	Heater controls: Closing heater supply correctly?			
11	Internal blower: All speeds working?			
12	Pollen filter: Is air flow OK? Requires changing?			
13	Evaporator odour: Does it require treatment?			
14	Evaporator temperature (°C): _____ (should be 1/3 of ambient temperature)			

ITEM NO.	INSPECTION & CHECK LIST	YES	NO	ORDER
15	U-View ultra violet light inspection for traces of dye leaks?			
16	Viscous coupling operating correctly? Leaking <input type="checkbox"/> Seized <input type="checkbox"/> (Tick boxes)			
17	Condenser fan: Seized <input type="checkbox"/> Working <input type="checkbox"/> Rotating correct way <input type="checkbox"/> Not checked <input type="checkbox"/> (Tick boxes)			
18	A/C pipe-work corroded / wet / damaged?			
19	Condenser: Evidence of leaking <input type="checkbox"/> Damaged <input type="checkbox"/> Corroded <input type="checkbox"/> Blocked <input type="checkbox"/> (Tick boxes)			
20	Receiver drier – old / new: Leaking?			
21	Receiver drier: Triary switch working / leaking?			
22	System leak found?			
23	Compressor: Is it cycling correctly?			
24	Compressor: Is it turning off when A/C switched off?			
25	Compressor noise when operational? Or all the time? Engine bracket secure? (Diesel engines mainly)			
26	Compressor belt condition: A-groove			
	Poly-groove			
	Split Cracked – requires replacement			
27	Evaporator checked for leaks? Drain tube checked (under vehicle)?			
28	Climate control fault code scan carried out? (Code: _____)			
29	A/C service port caps fitted?			
30	Under bonnet Air Con service sticker fitted?			

Additional comments:

Your local distributor:



To re-order, quote **CTACWIS-15-25**