

Customer/order no.: _____
 Date: _____
 License plate no./vehicle: _____
 Mileage: _____



CHECKLIST

Air conditioning/heating/ventilation/cooling system

System type:
 R134a R1234yf R744 (CO₂) Other Front evaporator Rear evaporator Electric compressor

Refrigerant analysis: R134a: % R1234yf: % R744: % Other: % Air: % HC: %

Pressure values: High-pressure side: bar Low-pressure side: bar At: rpm

Temperature: Outside temperature: °C Discharge temperature: °C

Refrigerant quantity: Extracted: g Refilled: g **Refrigerant oil:** Extracted: g Refilled: g Type of oil:

Component	OK	NOK	Corr./rep.
1. Read out fault memory	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. Control instruments/operating elements			
Switch/control unit	<input type="text"/>	<input type="text"/>	<input type="text"/>
Blower motor function	<input type="text"/>	<input type="text"/>	<input type="text"/>
Interior temp. sensor (A/C automatic)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Air distribution/recirculation function	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cabin filter	<input type="text"/>	<input type="text"/>	<input type="text"/>
3. Temperature at air outlet nozzles (°C)			
Odor development	<input type="text"/>	<input type="text"/>	<input type="text"/>
4. Drive belts			
Condition/noises	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tension	<input type="text"/>	<input type="text"/>	<input type="text"/>
5. Belt tensioner			
Tension roller	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bearings	<input type="text"/>	<input type="text"/>	<input type="text"/>
Noises	<input type="text"/>	<input type="text"/>	<input type="text"/>
Function	<input type="text"/>	<input type="text"/>	<input type="text"/>
6. Pulleys, deflection and guide rollers			
Adjustment/spacing	<input type="text"/>	<input type="text"/>	<input type="text"/>
Noises/condition	<input type="text"/>	<input type="text"/>	<input type="text"/>
7. Alternator freewheel clutch and torsional vibration damper (if present)			
Condition	<input type="text"/>	<input type="text"/>	<input type="text"/>
Noises	<input type="text"/>	<input type="text"/>	<input type="text"/>
Function	<input type="text"/>	<input type="text"/>	<input type="text"/>
8. Compressor components			
Magnetic clutch (if present)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pulley/bearing	<input type="text"/>	<input type="text"/>	<input type="text"/>
Overload protection belt drive (if present)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Overpressure safety valve	<input type="text"/>	<input type="text"/>	<input type="text"/>
Electrical connections	<input type="text"/>	<input type="text"/>	<input type="text"/>
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
9. Filter-drier/accumulator			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Connections	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mounting	<input type="text"/>	<input type="text"/>	<input type="text"/>
10. Pressure switch/pressure sensor			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Function	<input type="text"/>	<input type="text"/>	<input type="text"/>
Electrical connections	<input type="text"/>	<input type="text"/>	<input type="text"/>
11. Condenser			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mounting	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cleanliness/damage	<input type="text"/>	<input type="text"/>	<input type="text"/>

Component	OK	NOK	Corr./rep.
12. Hoses and lines			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Connections	<input type="text"/>	<input type="text"/>	<input type="text"/>
Chafing points	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mounting	<input type="text"/>	<input type="text"/>	<input type="text"/>
13. Service connector caps/valves	<input type="text"/>	<input type="text"/>	<input type="text"/>
14. Radiator/condenser fan			
Air ducting/fan paneling	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mounting	<input type="text"/>	<input type="text"/>	<input type="text"/>
Function	<input type="text"/>	<input type="text"/>	<input type="text"/>
Noise development	<input type="text"/>	<input type="text"/>	<input type="text"/>
Electrical connections/relays	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bearing play	<input type="text"/>	<input type="text"/>	<input type="text"/>
Visco® fans	<input type="text"/>	<input type="text"/>	<input type="text"/>
15. Radiator			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mounting	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cleanliness/damage	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hoses and clamps	<input type="text"/>	<input type="text"/>	<input type="text"/>
Air duct/paneling	<input type="text"/>	<input type="text"/>	<input type="text"/>
16. Coolant expansion tank/cover	<input type="text"/>	<input type="text"/>	<input type="text"/>
17. Coolant			
Cleanliness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Antifreeze (°C)	<input type="text"/>	<input type="text"/>	<input type="text"/>
18. Thermostat			
Opening temperature	<input type="text"/>	<input type="text"/>	<input type="text"/>
19. Coolant pump			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Noise development	<input type="text"/>	<input type="text"/>	<input type="text"/>
20. Heater hoses and clamps	<input type="text"/>	<input type="text"/>	<input type="text"/>
21. Heater valve	<input type="text"/>	<input type="text"/>	<input type="text"/>
22. Sensors			
Electrical connections	<input type="text"/>	<input type="text"/>	<input type="text"/>
Function	<input type="text"/>	<input type="text"/>	<input type="text"/>
23. Evaporator			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Connections	<input type="text"/>	<input type="text"/>	<input type="text"/>
Condensation drain	<input type="text"/>	<input type="text"/>	<input type="text"/>
24. Expansion valve/throttle valve			
Leaktightness	<input type="text"/>	<input type="text"/>	<input type="text"/>
Connections	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments:

Vehicle checked: