



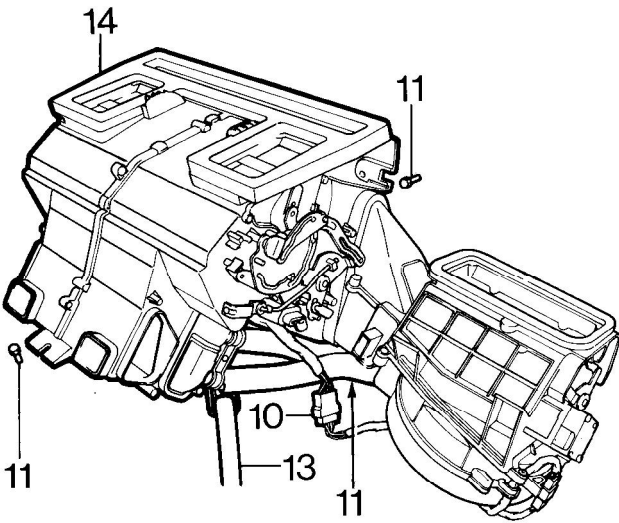
**EVAPORATOR AND EXPANSION VALVE**

Service repair no - 86.25.20 - Evaporator  
 Service repair no - 86.25.01 - Expansion valve

**Remove**

**WARNING:** Wear eye and hand protection when disconnecting components containing refrigerant. Plug all exposed connections immediately.

1. Remove heater and cooler unit. *See Heater and Cooler Unit*

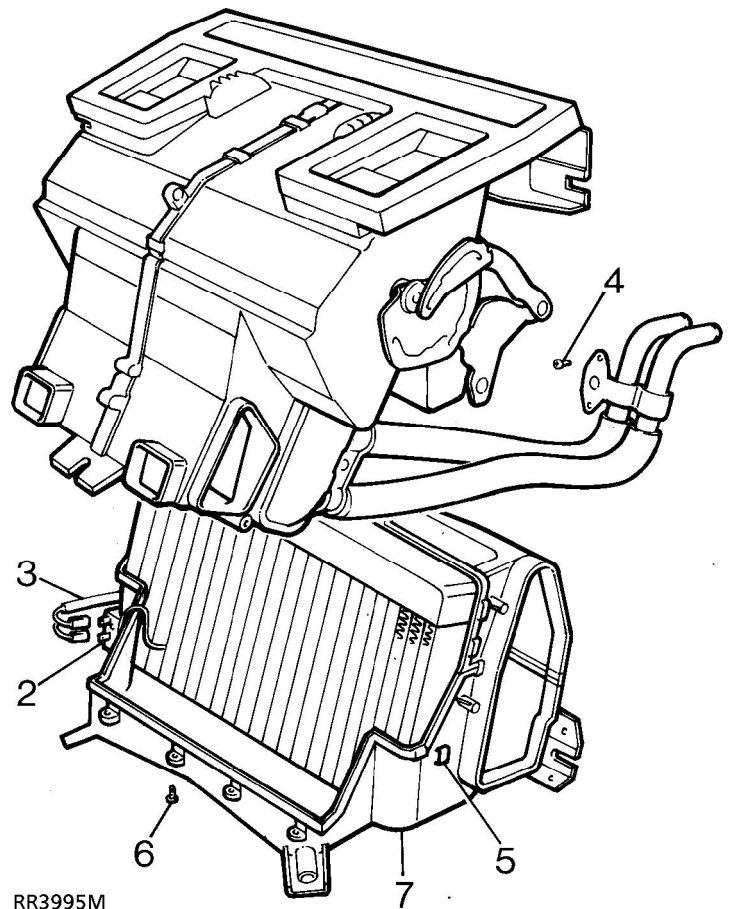


RR3994M

10. Disconnect multiplug connecting heater to blower unit, remove 3 screws and remove blower unit.
11. Remove 5 screws securing casing to bulkhead and tunnel.
12. Remove 2 securing bolts and remove centre console front mounting bracket.
13. Disconnect 2 drain tubes..
14. Ease heater and cooler unit from its location and remove from vehicle.

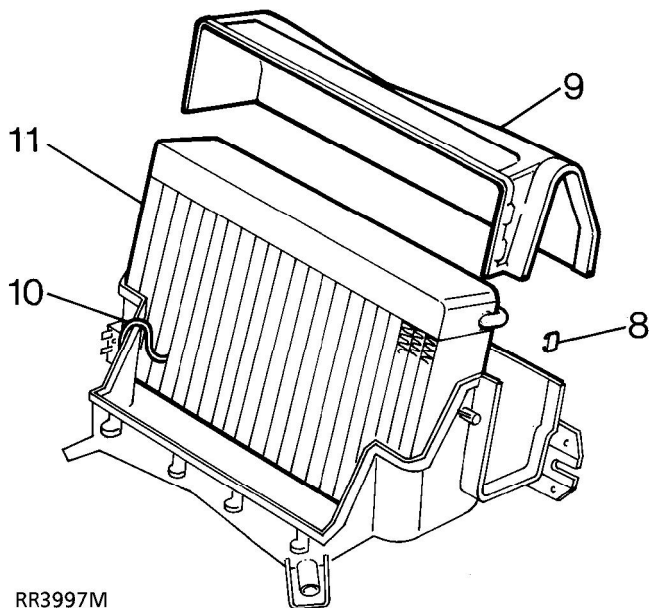
**Refit**

15. Ease heater and cooler unit into position.
16. Fit retaining bolts finger tight. Tighten in sequence, centre and top bolts and then the bottom bolt.
17. Reverse removal procedure.
18. Use new 'O' rings and lubricate with refrigerant oil.
19. Evacuate and recharge system. *See Adjustment, Refrigerant Recovery Recycling Recharging*
20. Leak test any disturbed joints. *See Adjustment, Leak Test System*
21. Perform a functional check.

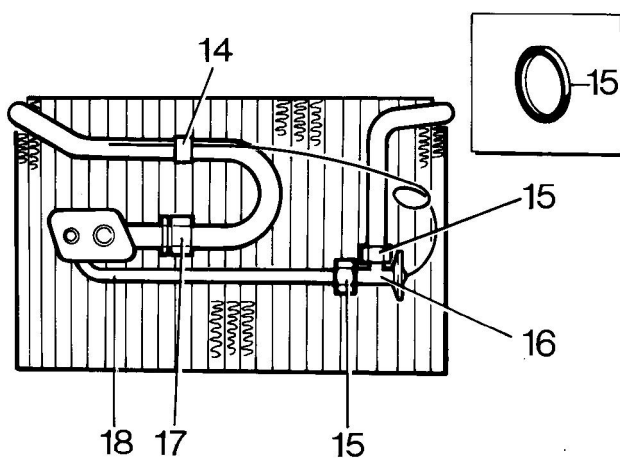


RR3995M

2. Disconnect 2 Lucar connectors from thermostat.
3. Position wiring aside.
4. Remove 2 screws securing heater pipe bracket and position pipes aside.
5. Remove 10 clips retaining upper and lower casings.
6. Remove 5 screws retaining upper casing.
7. Remove lower casing and evaporator.



8. Remove 4 clips securing evaporator top cover.
9. Remove evaporator top cover.
10. Remove thermostat sensor from evaporator matrix.
11. Remove evaporator assembly from lower casing.
12. Remove bulkhead seal from case.



### Expansion valve

13. Remove insulation from evaporator and expansion valve connections.
14. Remove expansion valve sensor retaining clip.
15. Unscrew 2 pipe unions. Discard 'O' ring seals.



**CAUTION: Use a second wrench to support pipe adapters and plug connections.**

16. Remove expansion valve.
17. Unscrew pipe union. Discard 'O' ring seal.
18. Remove evaporator pipe.

### Refit

19. Reverse removal procedure. Use new 'O' rings, insulation and bulkhead seal.



**NOTE: Use refrigerant oil on all 'O' rings and mating surfaces. Tighten connection See Specifications, torque, Torque Values**

20. Wrap all exposed metal at hose connections with prestite tape.
21. Evacuate and recharge system. *See Adjustment, Refrigerant Recovery Recycling Recharging*
22. Leak test any disturbed joints. *See Adjustment, Leak Test System*
23. Perform a functional check.
24. Disconnect service unit.