

Additional water heater -B7W/D7W-

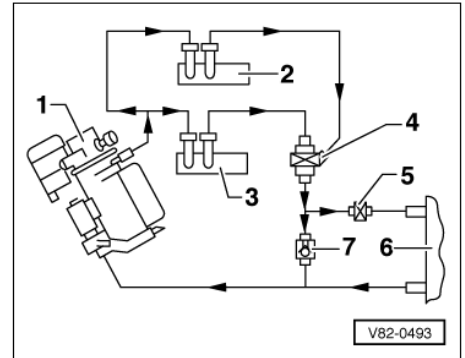
Connecting additional water heater -B7W/D7W- to coolant circuit

- 1 - Heater unit
- 2 - Auxiliary heat exchanger
- 3 - Heat exchanger (standard)
- 4 - Regulating valve
- (observe Part No.)
- 5 - Coolant shut-off valve -N82- on heater unit

Note:

The shut-off valve releases the coolant flow from heater unit to engine only when the engine circuit coolant temperature reaches 55 °C.

- 6 - Engine
- 7 - Non-return valve in coolant distributor

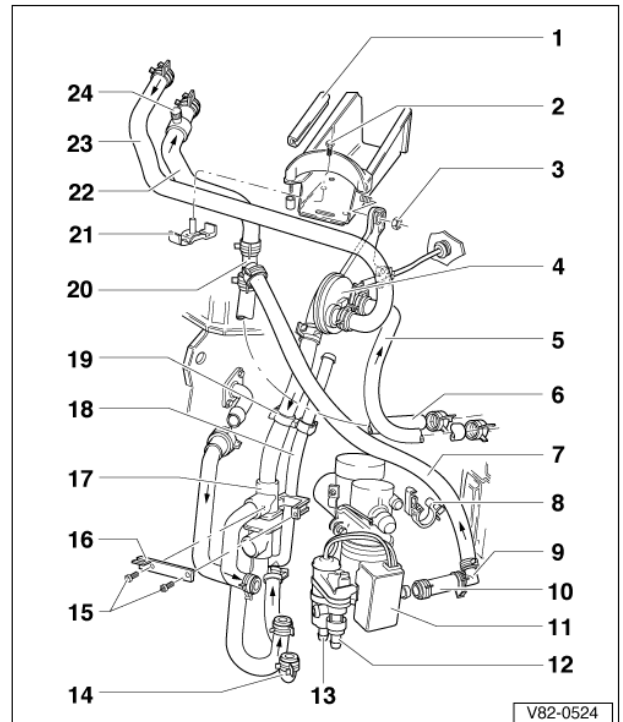


Routing the coolant hoses on vehicles without an air conditioning system

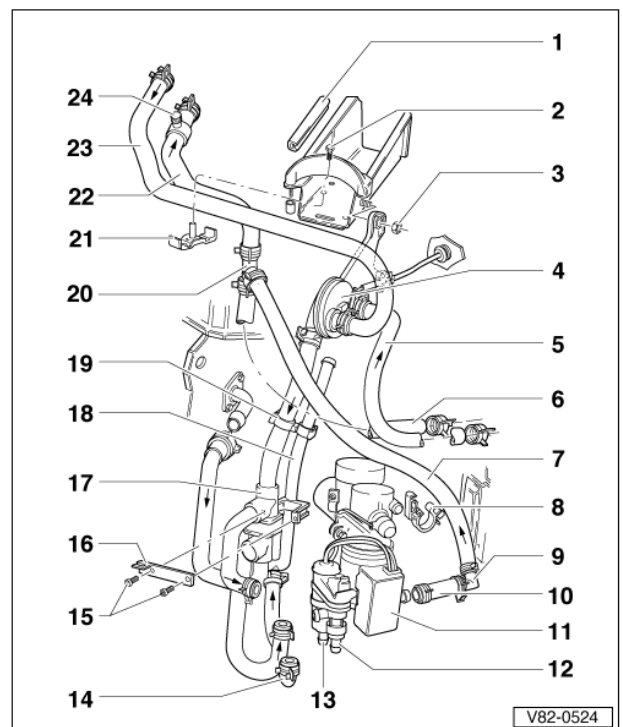
Note:

The arrows on the illustration show coolant flow direction.

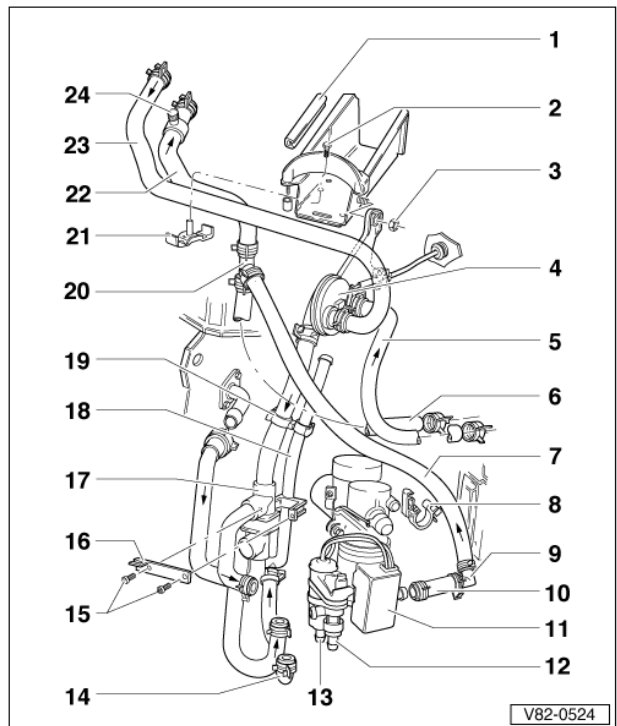
1. Beading
2. Hexagon bolt
3. Hexagon nut
4. Regulating valve
5. Coolant hose, return
 - From coolant pipe (auxiliary heat exchanger) to regulating valve
6. Coolant hose, supply
 - From T-piece to coolant pipe (auxiliary heat exchanger)



7. Coolant hose, return
8. Bracket
9. Angled piece
10. Coolant hose, return
11. Heater unit
12. Coolant shut-off valve -N82-
13. Circulation pump -V55-
14. Coolant hose
 - From coolant shut-off valve to coolant pipe (engine)
15. Self-tapping screw 3.5x9.5
16. Coolant distributor bracket
17. Coolant distributor
 - With non-return valve
 - Observe Part No.



- 18. Coolant pipe (engine)
- 19. Bracket
 - Only on 5-Cyl. petrol engines with automatic gearbox
- 20. T-piece
- 21. Wiring clip
- 22. Coolant hose, supply
 - From T-piece to heater (standard) heat exchanger
- 23. Coolant hose, return
 - From heater (standard) heat exchanger to regulating valve
- 24. Bleed screw

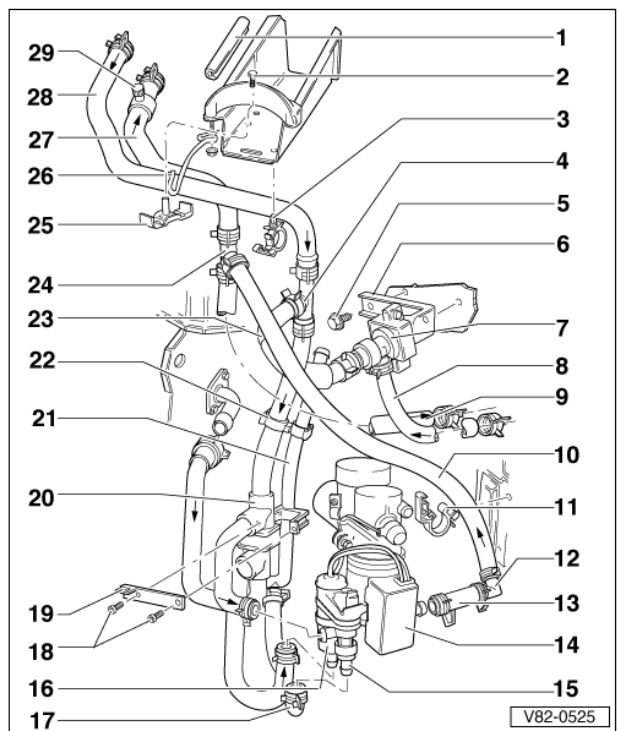


Routing the coolant hoses on vehicles with an air conditioning system

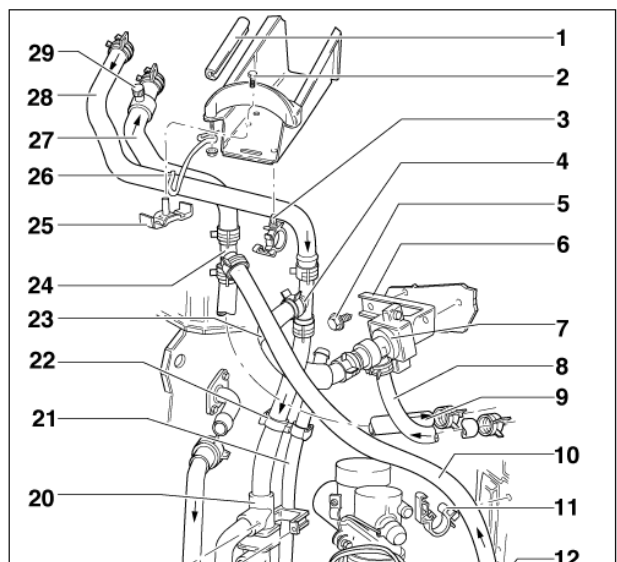
Note:

The arrows on the illustration show coolant flow direction.

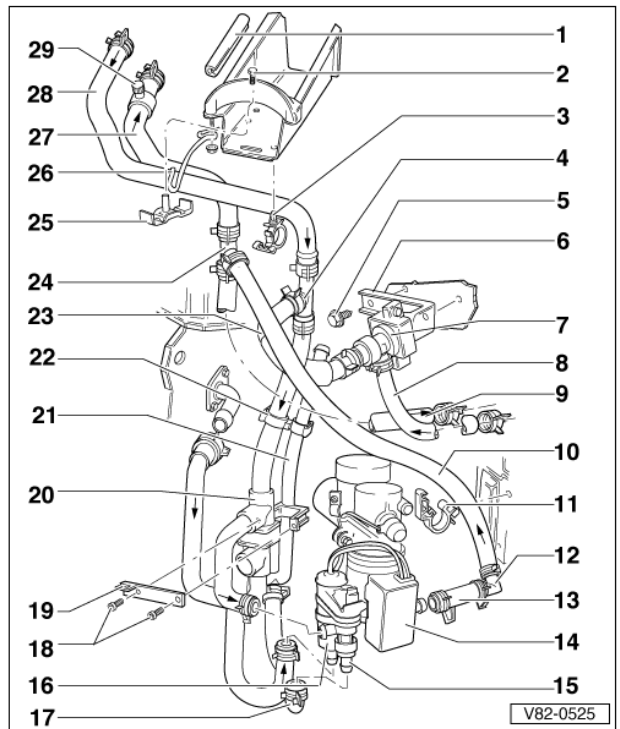
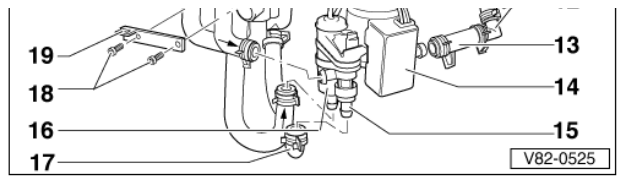
- 1. Beading
- 2. Hexagon bolt
- 3. Bracket
- 4. T-piece
- 5. Hexagon self-tapping bolt B6.3x13
- 6. Bracket
- 7. Auxiliary heat exchanger valve -N172-



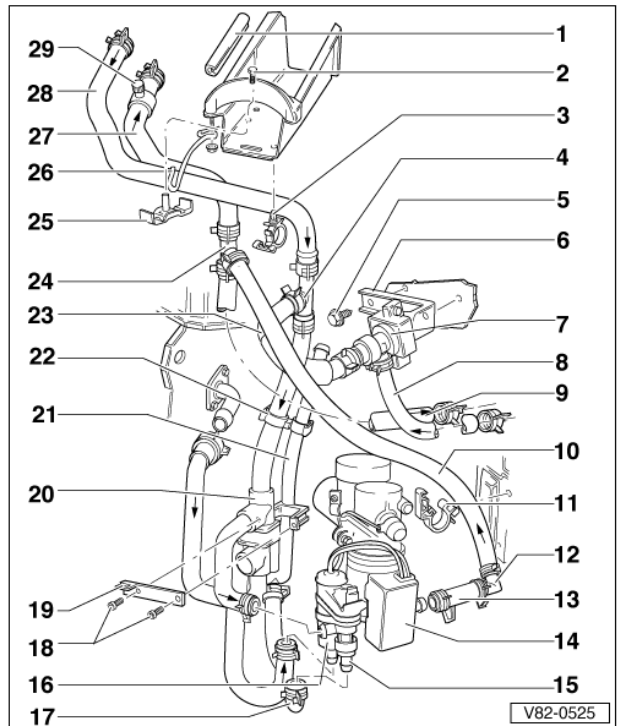
- 8. Coolant hose, return
 - From coolant pipe (auxiliary heat exchanger) to regulating valve
- 9. Coolant hose, supply
 - From T-piece to coolant pipe (auxiliary heat exchanger)
- 10. Coolant hose, return
- 11. Bracket
- 12. Angled piece
- 13. Coolant hose, return
- 14. Heater unit
- 15. Coolant shut-off valve -N82-
- 16. Circulation pump -V55-
- 17. Coolant hose
 - From coolant shut-off valve to coolant pipe (engine)



- 18. Self-tapping screw 3.5x9.5
- 19. Coolant distributor bracket
- 20. Coolant distributor
 - With non-return valve
 - Observe Part No.
- 21. Coolant pipe (engine)
- 22. Bracket
 - Only on 5-Cyl. petrol engines with automatic gearbox
- 23. Coolant hose, return
 - From solenoid to T-piece
- 24. T-piece
- 25. Wiring clip
- 26. Bracket



- 27. Coolant hose, supply
 - From T-piece to heater (standard) heat exchanger
- 28. Coolant hose, return
 - From heater (standard) heat exchanger to T-piece
- 29. Bleed screw

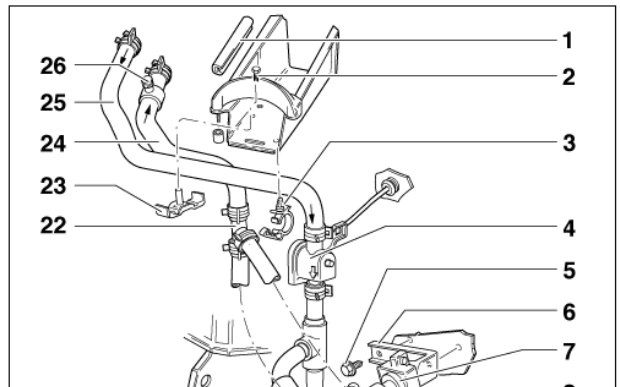


Routing the coolant hoses on ambulances

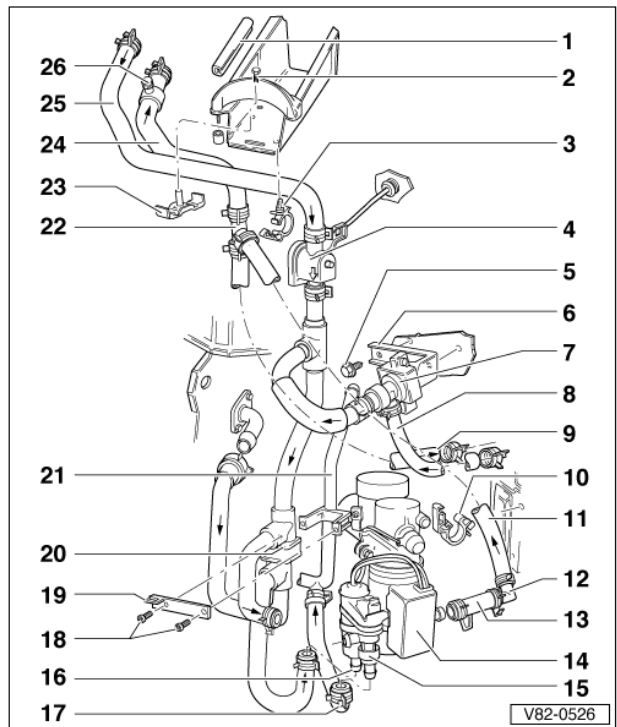
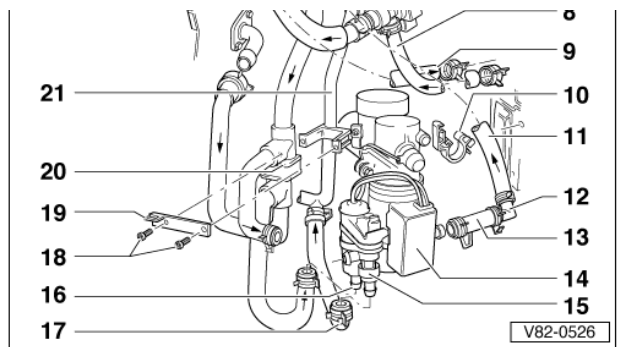
Note:

The arrows on the illustration show coolant flow direction.

- 1. Beading
- 2. Hexagon bolt
- 3. Bracket
- 4. Regulating valve
- 5. Hexagon self-tapping screw B6.3x13
- 6. Bracket
- 7. Auxiliary heat exchanger valve -N172-



- 8. Coolant hose, return
 - From coolant pipe (auxiliary heat exchanger) to solenoid
- 9. Coolant hose, supply
 - From T-piece to coolant hose (auxiliary heat exchanger)
- 10. Bracket
- 11. Coolant hose, return
- 12. Angled piece
- 13. Coolant hose, return
- 14. Heater unit
- 15. Coolant shut-off valve -N82-
- 16. Circulation pump -V55-
- 17. Coolant hose
 - From coolant shut-off valve to coolant pipe (engine)



- 18. Self-tapping screw 3.5x9.5
- 19. Coolant distributor bracket
- 20. Coolant distributor
 - With non-return valve
 - Observe Part No.
- 21. Coolant pipe (engine)
- 22. T-piece
- 23. Wiring clip
- 24. Coolant hose, supply
 - From T-piece to heater (standard) heat exchanger
- 25. Coolant hose, return
 - From heater (standard) heat exchanger to regulating valve
- 26. Bleed screw

