

OIL FILTER

Service repair no - 12.60.04

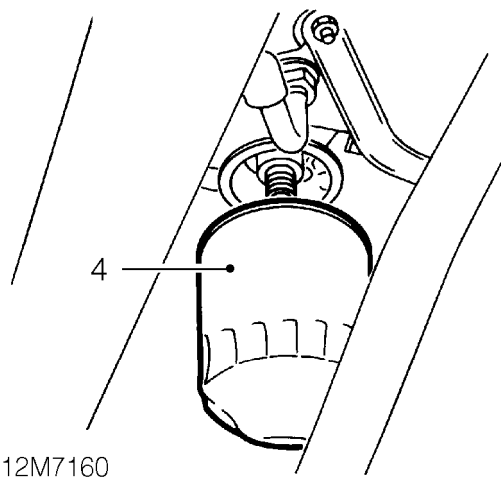
Remove

1. Raise front of vehicle.



WARNING: Support on safety stands.

2. Remove engine acoustic cover (if applicable). *See CHASSIS AND BODY, Repair.*
3. Position drain tray to catch spillage.



12M7160

4. Remove oil filter cartridge.

Refit

5. Clean mating face of oil pump.
6. Lubricate oil filter seal with clean engine oil.
7. Fit oil filter and tighten until rubber seal contacts machined face. Tighten a further half turn by hand.



CAUTION: DO NOT overtighten oil filter.

8. Run engine to allow oil to fill filter.
9. Stop engine, check and top up oil level. *See LUBRICANTS, FLUIDS AND CAPACITIES, Information.*
10. Fit engine acoustic cover (if applicable). *See CHASSIS AND BODY, Repair.*
11. Remove stand(s) and lower vehicle.

OIL COOLER

Service repair no - 12.60.68

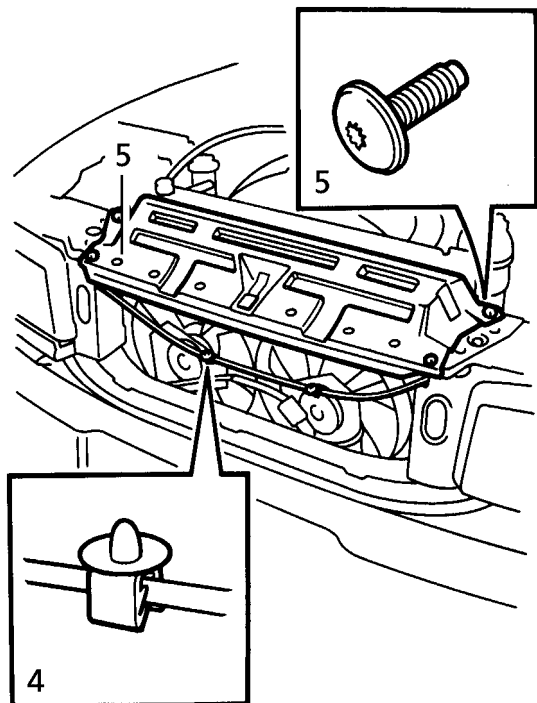
Remove

1. Disconnect battery negative lead.
2. Raise the vehicle.



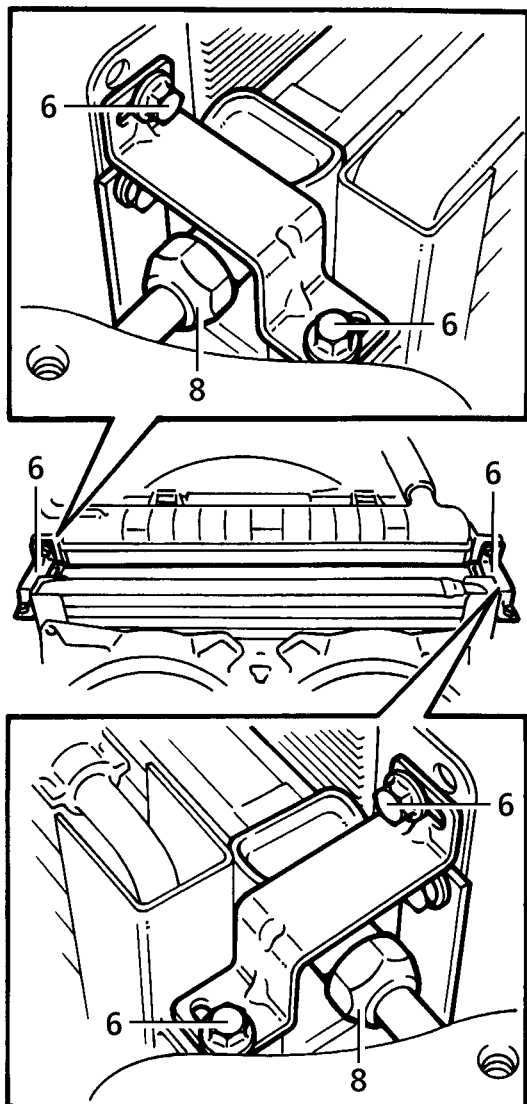
WARNING: Support on safety stands.

3. Remove front grille. *See CHASSIS AND BODY, Repair.*
4. Release 2 clips securing bonnet release cable to bonnet platform.



12M7057

5. Remove 4 bolts securing bonnet platform. Remove platform.
6. Remove 4 bolts from condenser mounting brackets. Collect 2 brackets.



12M7058

7. Position container to catch oil spillage.
8. Disconnect pipes from oil cooler. Remove 'O' rings and discard.
9. Remove 2 bolts securing oil cooler to radiator bracket.
10. Remove oil cooler.

Refit

11. Position oil cooler to radiator bracket. Secure with bolts.
12. Using new 'O' rings, connect pipes to oil cooler. Tighten unions to **30 Nm (22 lbf.ft)**
13. Remove container.
14. Position condenser brackets. Secure with bolts.
15. Fit bonnet platform. Secure with bolts.
16. Secure release cable to bonnet platform with clips.
17. Fit front grille. **See CHASSIS AND BODY, Repair.**
18. Remove safety stands. Lower vehicle.
19. Reconnect battery negative lead.
20. Check engine oil level. Top-up if necessary.