

Refer to Figure 4.

25. Place the radiator fan assembly on a clean level surface as shown and add supports (2) as necessary to stabilize the assembly.
26. Remove cap screws and lockwashers (11) that secure the hub mount (12) to the tapered bearing (13).
27. Install cap screws (11) into the threaded removal holes (26) of the hub mount (12).
28. Slightly tighten cap screws (11), one half turn at a time, until the fan blade assembly (7) with hub mount (12) pulls free of the tapered bearing (13). Carefully remove the fan blade assembly (7) and hub mount (12).
29. Loosen structure (25) that secures the tapered bearing (13) to the motor shaft (25). Remove the tapered bearing (13).
30. Remove the square key (18) from the motor shaft (25).
31. For assembly purposes, place alignment marks on the fan guard (2) and the mounting flange of the radiator fan motor (25).
32. Remove cap screws, washers, and locknuts (26) that secure the fan guard (2) to the radiator fan motor (25). Remove the fan guard (2).
33. Remove any hydraulic things (7) still attached to the radiator fan motor (25).

Cleaning And Inspection



WARNING

Solvents and cleaning solutions can be hazardous. Serious personal injury may result from misuse of these products. Read and follow all the manufacturer's recommendations concerning solvents and cleaning solutions.

1. All components should be thoroughly cleaned with an appropriate cleaning solvent, air dried, and carefully inspected.
2. Check that the fan hub and both the motor and external surfaces of the hub bearing are clean and smooth. Remove any burrs or sharp edges with a fine file, hone, emery cloth, or crocus cloth.
3. All "soft parts", such as O-rings should be replaced.

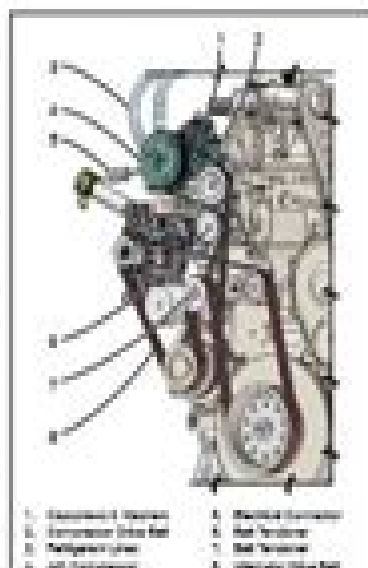
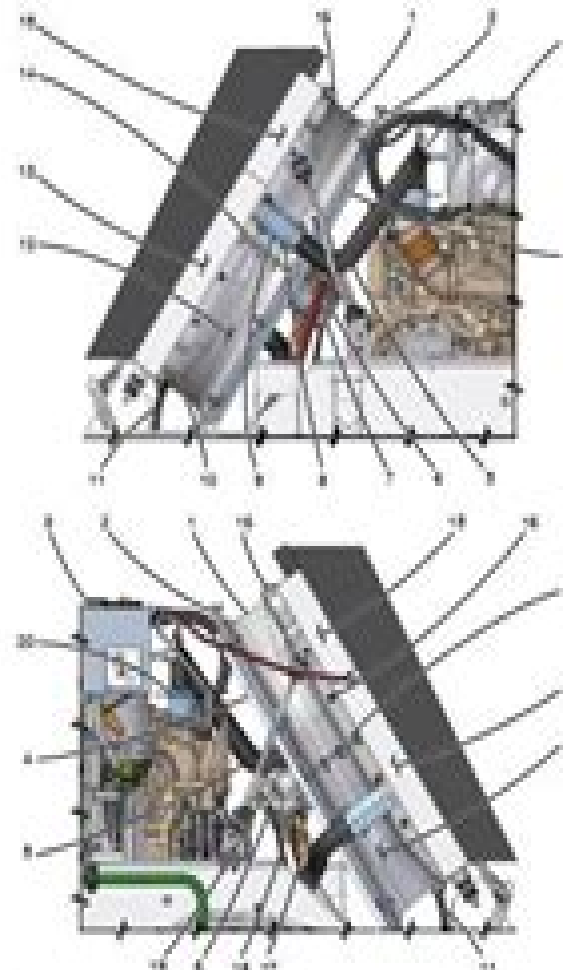


Figure 2
A/C Compressor

4. Inspect the integrity of the hydraulic hoses/pipes that are connected to the radiator fan motor. Repair or replace if required.
5. All Loctite[®], Penetrant[®], or other sealant residue should be removed from threads of hardware and the mounting surfaces of parts that are going to be reused. Prior to applying new threadlocking compounds or sealants, clean threads and surfaces with Loctite[®] 7000 Cleaner to ensure best performance of products.
6. In the event of severe defects, contact factory personnel for decisions whether to repair or replace any major component.



- | | | |
|---------------------------------------|------------------------------------|--|
| 1. Upper Fan Mount | 6. Fan Blade | 16. Bolt Washer |
| 2. Cap Screws, Washers & Locknuts | 7. Cooling Motor | 17. Hydraulic Hose/Port From Fan Motor |
| 3. Fan Hub | 10. Fan Motor | 18. Cap Screws, Bolt Washers & Springs |
| 4. Fan Guard | 11. Bolt Washer | 19. Hydraulic Line (Drive Side) |
| 5. Upper Pulley Flange | 12. Lower Fan Mount | 20. Fan Blade |
| 6. Radiator Fan Motor | 13. Radiator Fan Motor | |
| 7. Hydraulic Hose/Port From Fan Motor | 14. Cap Screws, Washers & Locknuts | |

Figure 3
Radiator Fan Motor

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