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DMK57SD508-I8

2007-2010 Dodge D-2500-5500
2007-2009 Sterling Bullet 4500-5500
6.7 I6 Cummins Diesel
W-AC

INSTALLATION NOTES

1. Drain radiator below upper radiator hose. Remove hose. Remove driver side upper shroud support. Remove belt. Remove return hose from power steering reservoir and let reservoir drain. Remove bolts from power steering pump through the holes in the pulley. Leaving pressure lines attached, set pump aside on passenger side of engine. Remove power steering pump brackets.
2. Install studs (2) in timing cover w/nuts (5). Install aux. A.C. onto bracket using bolts (13,15), slide bushings (14) and nuts (16). Install 5/8 hose(17) onto return hose using hose barb (19) and hose clamps(18). Power sheering hoses may need moved in order to gain appropriate clearance to air conditioner compressor.
3. Install aux. A.C. and bracket assembly onto studs (2) using nuts(5). Check alignment on compressor and adjust with shims if necessary. NOTE: It may be easier to install hoses and power wire before power steering pump is reinstalled. Install power steering pump onto bracket using bolts (6) and LW's (4). Hose on power steering pump will need to be rotated and bent slightly for clearance. *Note: Be careful not to kink power steering lines.* Install power steering pump brace (24) to the intake as shown in the illustration using bolts (26,27) and spacer (25). Install new belt (21) according to the belt diagram. Install idler (11) in lowest hole location possible while tensioner is retracted fully using bolt (9), FW (10), and bushing (12).
4. Install grommet (22) into shroud. Install shroud brace (9) using bolts (8,23), nut (5), and FW (3). Cut 3/4" off radiator side of top radiator hose and reinstall. Connect new power steering return hose (17) to power steering reservoir using hose barb (19) and hose clamps (18). Fill reservoir w/ATF Plus 4 transmission fluid. Fill radiator and overflow tank. Check for proper belt tracking and clearances.

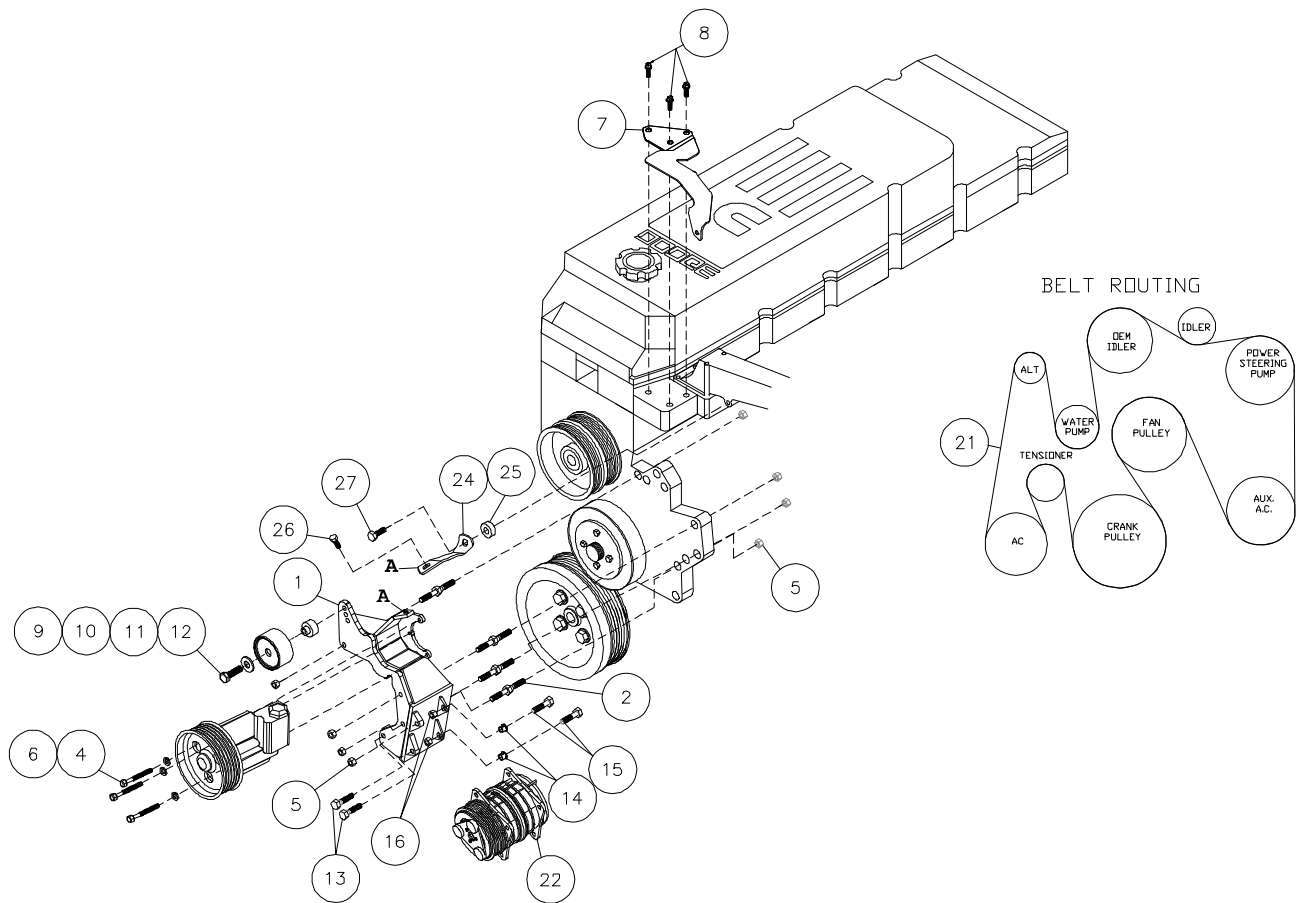
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PARTS LIST

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|-----|-----------------------------|-----|----------------------------------|
| 1. | DMP57SD508-I8 (1) | 15. | 10mm x 40mm Flange Bolt (2) |
| 2. | 8mm Stud 08075-1.24 ST (4) | 16. | 10mm Flange Nut (2) |
| 3. | 8mm Nut (1) | 17. | 14"-5/8 Oil Hose (1) |
| 4. | 8mm LW (3) | 18. | #10 Hose Clamp (2) |
| 5. | 8mm Flange Nut (8) | 19. | 5/8 Double Ended Hose Barb (1) |
| 6. | 8mm X 70mm Bolt (3) | 20. | 15" Plastic Tie (1) |
| 7. | DMB563 (1) | 21. | 5081300 Belt (1) |
| 8. | 10mm X 20mm Flange Bolt (3) | 22. | 1007863 Rubber Grommet (1) |
| 9. | 10mm x 45mm Bolt (1) | 23. | 8mm x 45mm Bolt (1) |
| 10. | 3/8 FW (1) | 24. | DMB 574 Power Steering Brace (1) |
| 11. | 89016 Dayco (1) | 25. | SP64-0.375 (1) |
| 12. | DMB 562 (1) | 26. | 8mm x 12mm Flange Bolt (1) |
| 13. | 10mm x 30mm Flange Bolt (2) | 27. | 8mm x 30mm Flange Bolt (1) |
| 14. | 1255-0090 Slide Bushing (2) | | |