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**PMK90SD508-8**  
2003-09 Peterbilt  
3126, C7 CAT Diesel  
W-W/O AC, W-W/O Air Brakes

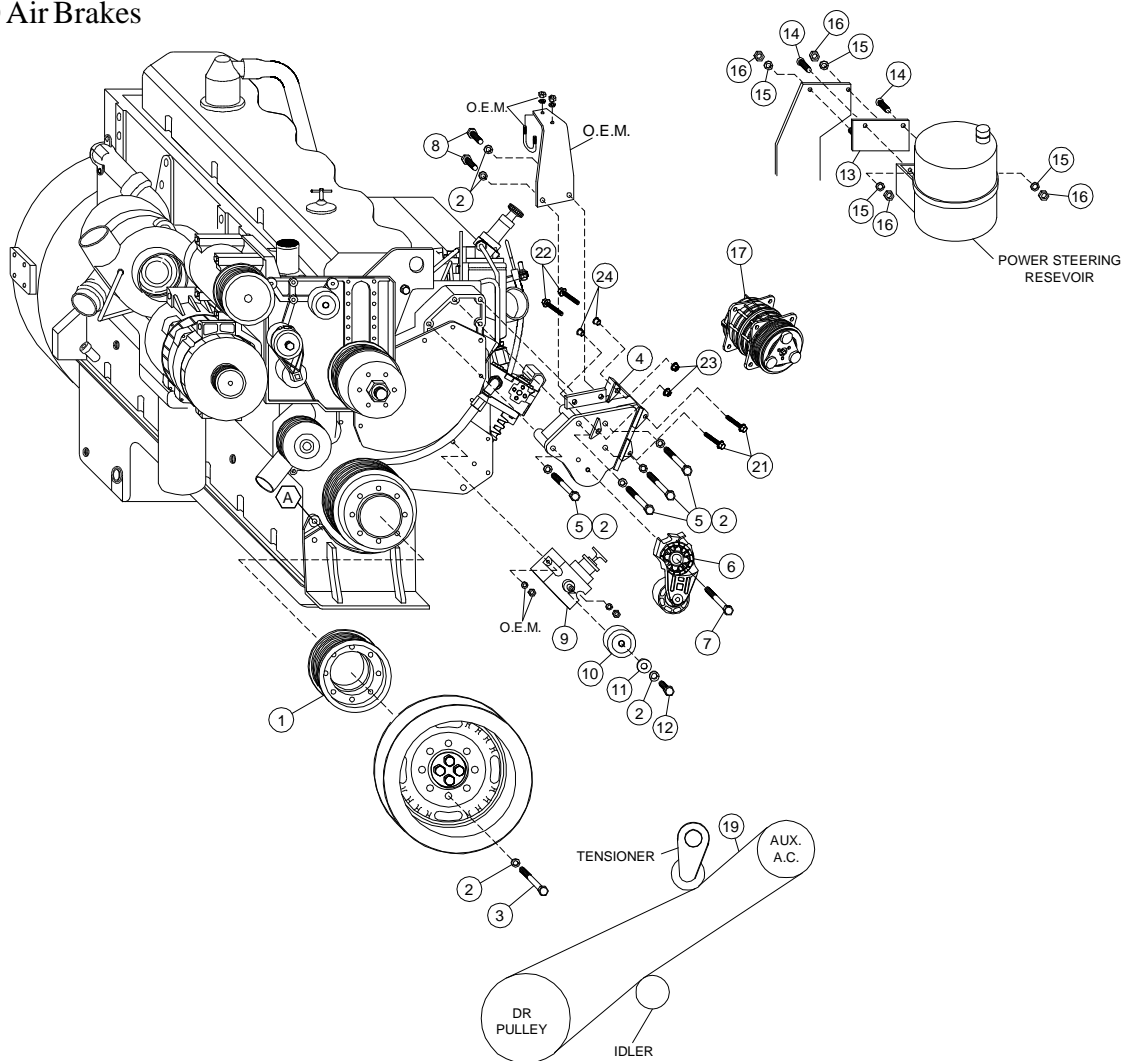
## INSTALLATION NOTES

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1. Remove the eight bolts holding the damper onto the crankshaft. Install pulley (1) between the damper and the O.E.M. pulley using bolts (3) and lockwashers (2). Torque bolts to 40 ft.lbs..
2. Remove bolts from power steering reservoir. Bolt reservoir onto new mounting plate (13) with bolts (14), lockwashers (15), and nuts (16). Bolt plate back onto mounting bracket by placing studs back through O.E.M. bracket holes using lockwashers (15) and nuts (16).
3. Remove radiator hose support bracket. Install aux. A.C. bracket (4) with bolts (5) and lockwashers (2). Install radiator hose support bracket onto bracket (4) with bolts (8) and lockwashers (2). If vehicle is equipped with air brakes a fitting (20) is supplied to rerout pop-off valve for hose clearance.
4. Install aux. A.C. compressor onto bracket (4) with bolts (21,22), nuts (23) and slide bushings (24). Tighten bolts securely. Install tensioner (6) with bolt (7).
5. Remove oil fill tube and replace with new oil fill (9) with O.E.M. nuts and lockwashers. Install idler (10) with bolt (12), lockwasher (2), and flatwasher (11). Install belt (19) according to belt diagram. Check for proper clearances to any moving parts. Run engine and check for proper tracking of the belt, adjust if necessary.

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**BELT DIAGRAM**

## PARTSLIST

- |                         |  |
|-------------------------|--|
| 1. FPC 938 (1)          | 13. PMB 903 Plate                      |
| 2. 10mm LW (15)         | 14. 3/8 x 1-1/4 FHSCS (2)              |
| 3. 10mm x 65mm (8)      | 15. 3/8 LW (4)                         |
| 4. PMB 90SD508-8 (1)    | 16. 3/8 Nut (4)                        |
| 5. 10mm x 80mm (4)      | 17. AC Compressor (Sold Separately)    |
| 6. Tensioner 89200B (1) | 19. 5080620 Dayco                      |
| 7. 10mm x 75mm (1)      | 20. 5500-8 Elbow Thompkins (not shown) |
| 8. 10mm x 25mm (2)      | 21. 10mm x 30mm Flange (2)             |
| 9. PMB 902 Oil Fill (1) | 22. 10mm x 40mm Flange (2)             |
| 10. TIPCS Idler (1)     | 23. 10mm Flange Nut (2)                |
| 11. 3/8 FW (1)          | 24. 1255-0090 Slide Bushing (2)        |
| 12. 10mm x 20mm (1)     |  |