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## CMK 75SD508-8

2004-09 CHEVY  
C6500 - C8500 Truck  
7.8L Duramax, 6 Cyl  
W-W/O AC, W-W/O Air Brakes

### INSTALLATION NOTES

1. Remove OEM belt. Remove fan, fan shroud, fan pulley, fan bearing assembly, and OEM fan assembly bracket. *Fan nut has left hand threads.* Install drive pulley (1) with bolts (2) and lockwashers (3).

**NOTE:** On trucks with a coolant line running through the fan hub bracket, the hose rerouting kit will need to be used. Drain the engine coolant. Remove the steel tube and threaded adapter from the engine just below the upper radiator hose. Using thread sealant, install adapter (22) and hose nipple (23) into the cylinder head where the adapter was removed. Tighten securely. Remove the bolt holding the hose to the fan hub bracket on the passenger side of the engine. Install hose (24) onto adapter (19) using one of the OEM hose clamps, then install the hose and adapter to the back of bracket (4) with bolt and lockwasher (20) & (21) at location "G". Once bracket (4) is installed, connect the hose on the passenger side of the engine to adapter (19) using the OEM bolt and fiber washers, and the hose on the drivers side to the fitting in the cylinder head using the other clamp. Route the hose so there are not kinks in it to slow down on cut off the coolant supply.

2. Install aux. A.C. mounting bracket (4) with bolts (5), lockwashers (6) in locations "A", "B", and "C", bolt (7) with lockwasher (3) in location "D", and bolt (8) with lockwasher (3) in location "E".
3. Install OEM fan bearing assembly and fan pulley using OEM bolts. Remove ground strap bolt from location "F". Install brace (9) with bolts (10), lockwashers (3), and flatwashers (11). Reinstall ground strap with bolt (12), lockwasher (14) and flatwasher (13) at location "F". Start all bolts before tightening. Install fan spacer (17). Reinstall OEM belt. Install tensioner (15) with bolt (16). Install A.C. compressor with bolts (26,27), nuts (28) and slide bushings (29). Install fan and fan shroud. Install belt (25) according to belt diagram.

**CAUTION:** Check all engine compartment hoses and electrical wiring that may have been disturbed or rerouted during kit installation to be sure that hoses are not kinked, that they do not touch any high temperature items, and that they do not interfere with any linkage components.

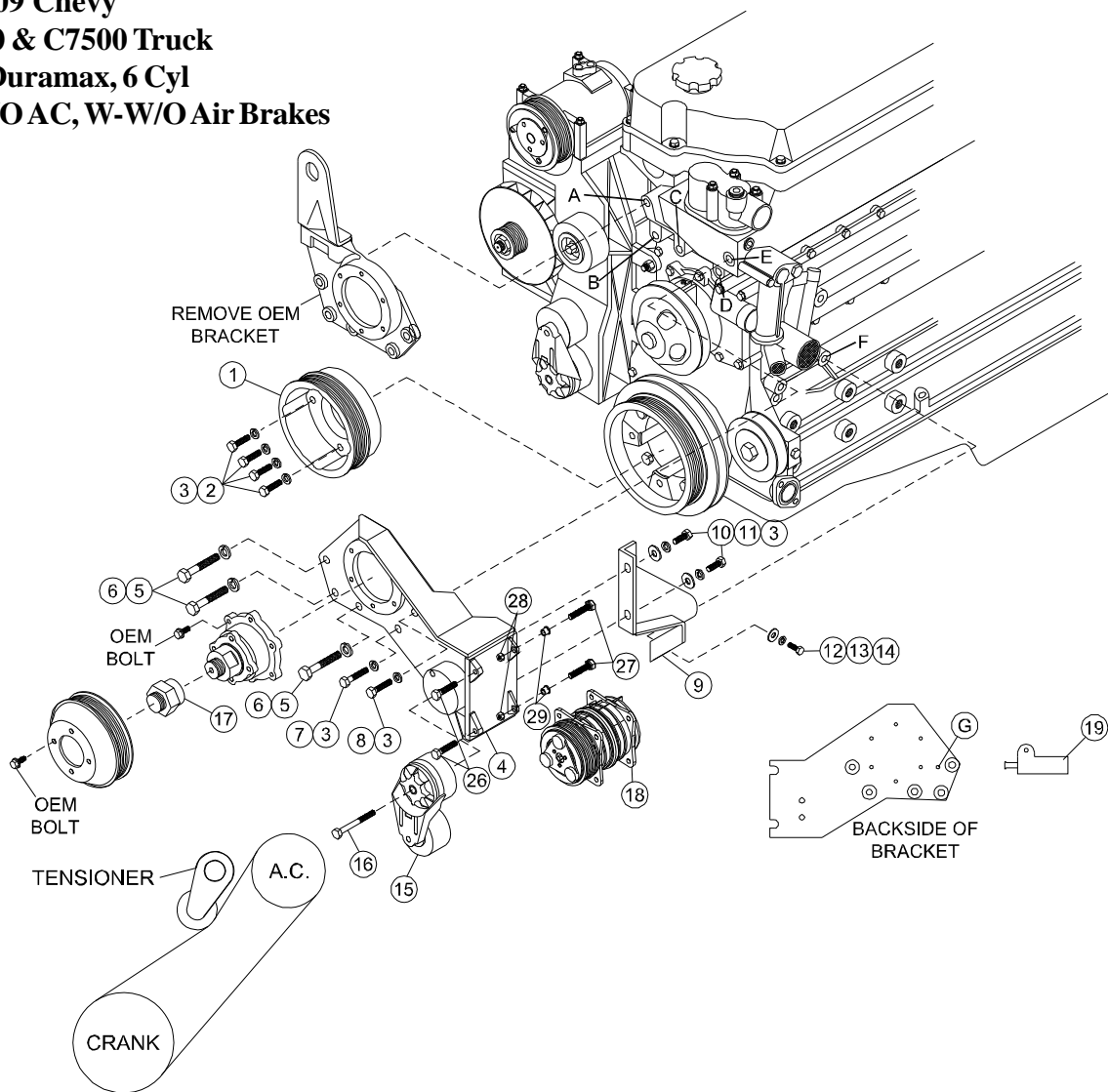
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## BELT ROUTING

## **PARTS LIST**

- |                          |  |
|--------------------------|--|
| 1. CPC 758 (1)           | 17. FSK 52 (1)                                   |
| 2. 10mm x 30mm 10.9 (4)  | 18. A.C. Compressor (1)<br>(Sold Separately)     |
| 3. 10mm LW (8)           | 19. CMB 752 (1)                                  |
| 4. CMP 75SD508-8 (1)     | 20. 1/4 x 3/4 NC ( <i>Not Shown</i> )            |
| 5. 12mm x 55mm 10.9 (3)  | 21. 1/4 LW ( <i>Not Shown</i> )                  |
| 6. 12mm LW (3)           | 22. 5406-12-8 Thompkins (1) ( <i>Not Shown</i> ) |
| 7. 10mm x 45mm 10.9 (1)  | 23. 4404-8-8 Thompkins (1) ( <i>Not Shown</i> )  |
| 8. 10mm x 55mm 10.9 (1)  | 24. 1/2 coolant hose ( <i>Not Shown</i> )        |
| 9. CMB 751 (1)           | 25. 5080537 Dayco Belt (1)                       |
| 10. 10mm x 25mm 10.9 (2) | 26. 10mm x 30mm Flange (2)                       |
| 11. 10mm FW (2)          | 27. 10mm x 40mm Flange (2)                       |
| 12. 8mm x 25mm 10.9 (1)  | 28. 10mm Flange Nut (2)                          |
| 13. 8mm FW (1)           | 29. 1255-0090 Slide Bushing (2)                  |
| 14. 8mm LW (1)           |  |
| 15. 89200B Tensioner (1) |  |
| 16. 10mm x 80mm 10.9(1)  |  |