



Muncie®
Power
Products

CMKM04-9004-YP8-AC
2004-05 Freightliner
M2 Business Class
MBE900 Mercedes-Benz 6 cyl
4-bolt Alternator
W/AC

INSTALLATION NOTES

1. Disconnect the negative battery cable(s). Remove the accessory drive belt and the alternator.
2. Install bracket (1) with bolts (2) and lockwashers (3) onto the alternator bracket. **Note:** If installing on 2005 and later truck, the O.E.M. alternator may need trimmed for clearance. Also, the vent tube may need reformed for alternator clearance. Torque bolts to 40 ft. lbs. Install the alternator and alternator brace onto bracket (1) with the O.E.M. alternator bolts thru the alternator, and bolt (5) with lockwasher (3) at location (A). Tighten bolts finger tight, then torque them to 35 ft. lbs.
3. Install the pump (12) onto bracket (1) with bolts (9), lockwashers (10), and nuts (11). Torque to 35 ft. lbs. Install the coil adapter plate (13) with bolts (14) and torque to 10 ft. lbs. Install the coil and clutch as per manufacture's instructions. Install idler (6) with bushing (7), lockwasher (3), and bolt (8). Torque to 30-35 ft. lbs. Install the new belt and route it according to the belt diagram.
4. Check all hoses, wires, etc. that may have been disturbed during installation to make sure they do not come in contact with any hot or moving parts. Connect the battery cable(s). Run the engine and check for proper belt tension and tracking.

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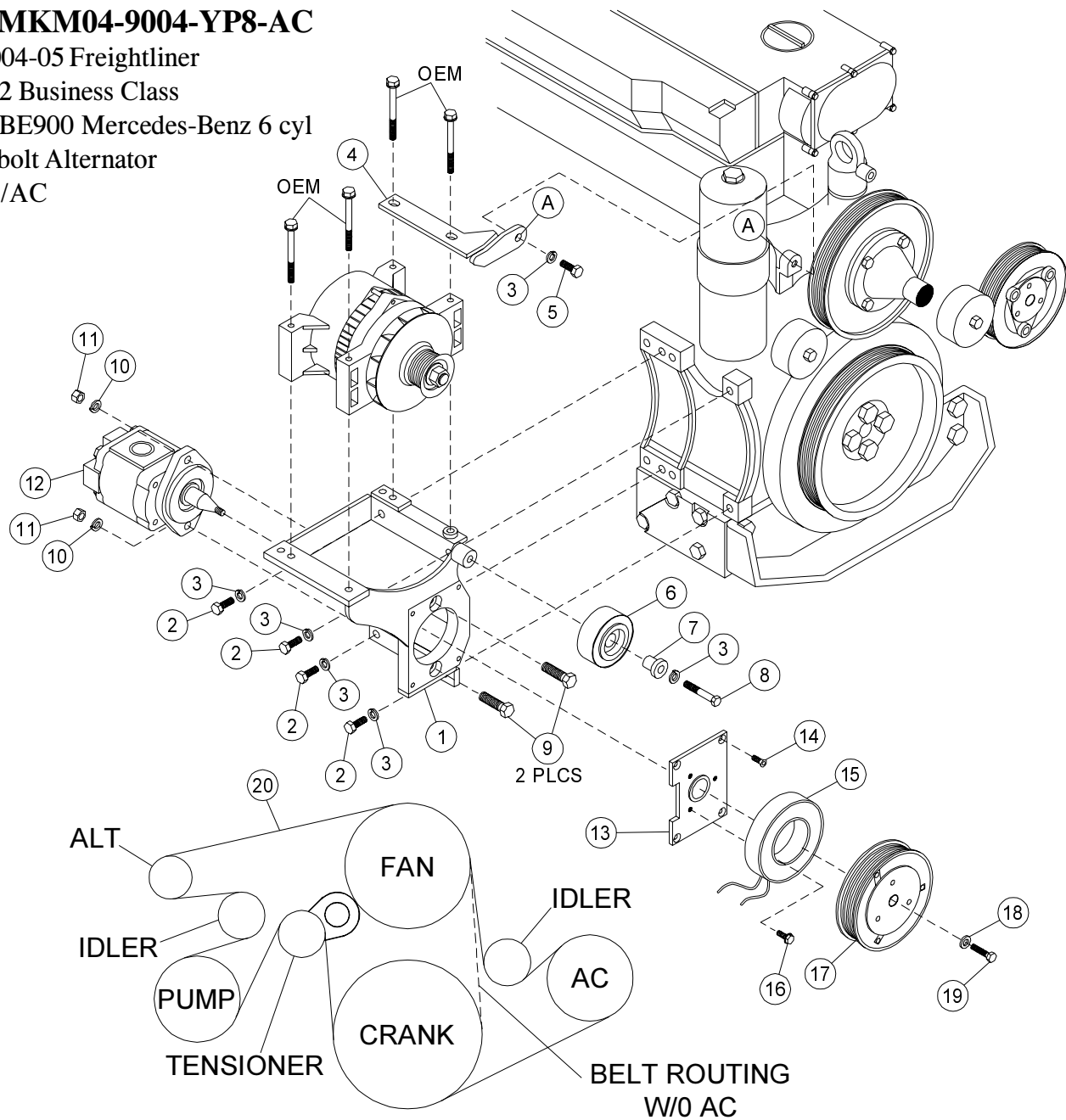
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BELT ROUTING

PARTSLIST

- | | |
|------------------------------------|---|
| 1. FLMP 61A (1) | 11. 3/8 Nut (2) |
| 2. 10mm x 30mm (4) | 12. Clutch Pump (sold separately) |
| 3. 10mm LW (6) | 13. MCA01 Clutch Mtg. Plate (1) |
| 4. FLMB 611 (1) | 14. 1/4 x 3/4 NC FHSCS (4) |
| *FLMB 612 (1) (use 2005 and later) | 15. Coil (sold separately) (1) |
| 5. 10mm x 25mm (1) | 16. Cap Screw - 19T34530 (3) (T=8-10ft./lbs.) |
| 6. TIPCS (1) | 17. Clutch (sold separately) (1) |
| 7. IPB 203 (1) | 18. Flat Washer - 21MZ3487 (1) |
| 8. 10mm x 35mm (1) | 19. Cap Screw - 19T38756 (1) (T=20ft./lbs.) |
| 9. 3/8 x 1-1/2 Bolt (2) | 20. 5081020 Dayco Belt (1) |
| 10. 3/8 LW (2) | |