Muncie® Power Products

CMKF00-6800-P8-AC

1999-2004 Ford Truck 250-550
6.8 Triton Super Duty
W-WO/AC

INSTALLATION NOTES

1. Disconnect negative battery terminal. Remove the fan and fan shroud. Threads on the fan are right handed. Drain antifreeze and remove the upper radiator hose.

2. Install crankshaft adapter (2) onto the front of the balancer with bolts (3). Apply Locktite to the threads then torque to 40 ft. lbs.. Install the belt onto the drive pulley with the belt on the inside of legs at holes "E & F" and over the leg at hole "D". Slide the pulley assembly onto the front of the engine at O.E.M. studs E & F and hole "D". Make sure the six pins in the pulley slide into the six holes with the nylon bushings. If there are any straps, clips, etc. on the studs at "E & F", put them on the outside of the pulley bracket. Tighten nuts (22) and bolt (19) evenly, then torque them to 30-35 ft. lbs.. If the pulley is ligned up properly, a very slight amount of backlash should be felt in the pulley.

3. One at a time remove O.E.M. studs at locations "A,B & C" and replace with studs (20). Torque them to 35 ft/lbs.. Install bracket (6) over studs (20), tighten securely with nuts (22) and lockwashers (21). Install brace (7) with bolts (11) and lockwashers (13) at the top and bolts (14) and lockwashers (15) at the bottom. Tighten all bolts.

4. Install grooved idler(25) onto the boss at the bottom of the bracket with bolt(26). Use spacers(27) to align the idler pulley with the drive pulley. Install tensioner assembly(8) onto the bracket with bolt(16). Tighten bolts at both locations. Mount pump onto pump plate with taperhead allen bolts. With bolts (10), lockwashers (13) and flatwashers (12), install the pump and plate assembly onto the main bracket (6). Align it with the drive pulley and idlers and then tighten securely. Install serpentine belt over the drive, pump, and idler pulleys. With a 5/8 wrench, load the tensioner until it bottoms out. Slide belt into place and release the tensioner.

6. Replace the fan and fan shroud. Install the upper radiator hose with the longer straight end on the engine *(backwards from its original position).* If sufficient clearance is not obtained between the upper radiator hose and the clutch pump pulley, a radiator hose for a 5.4 liter Super Duty can be used Dayco part # 72026. Connect battery terminal.

7. ***CAUTION:*** Check all engine compartment hoses and wiring to insure they are not kinked, touching any high temperature item, or do not interfere with any linkage components. **NOTE:** Due to O.E.M. assembly tolerances, visually make certain that there is adequate clearance between fan and drive pulley.

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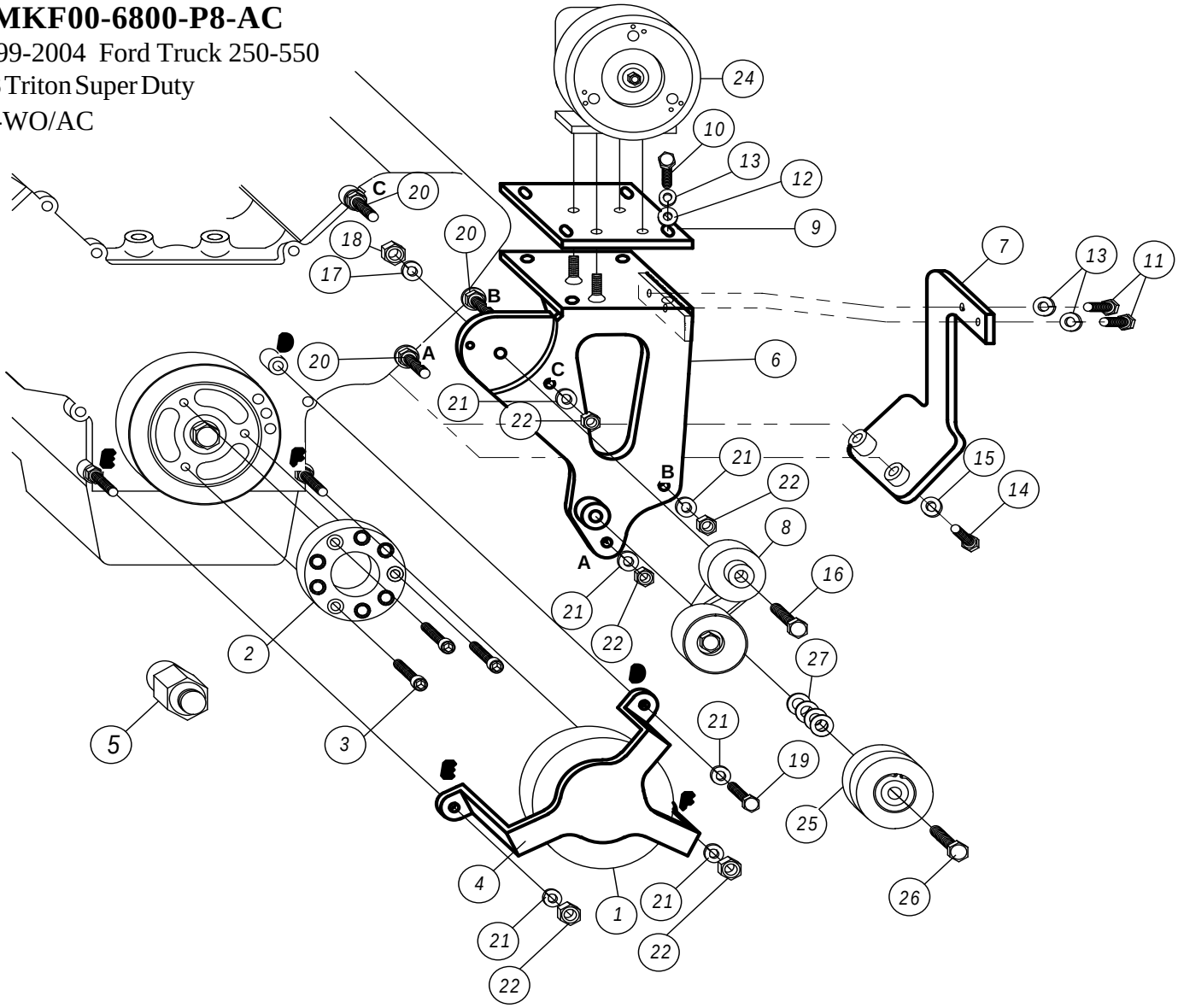

PARTS LIST

1. FPC 378 (1)
2. FPA 45 (1)
3. 10mm x 25mm 1.5 SHCS w/Locktite
4. FPS 45 (1)
5. FSK 6.8 (1)
6. FMB 440 (1)
7. FMB 441 (1)
8. Dayco 8920236 Assembly (1)
9. FMP 451 (1)
10. 3/8 x 1 1/4 NC (4)
11. 3/8 x 1 NC (2)
12. 3/8 FW (4)
13. 3/8 LW (6)
14. 14mm x 50mm 2.0 (2)
15. 14mm LW (2)
16. 12mm x 90mm 1.75 (1)
17. 12mm LW (1)
18. 12mm 1.75 Nut (1)
19. 10mm x 40mm 1.5 (1)
20. 10107 1.5 ST (3)
21. 10mm LW (6)
22. 10mm 1.5 Nut (5)
23. Belt (Not Shown) (1)
    Dayco 5080680
24. Clutch Pump Assembly
    (Sold Separately)
    GPKDF-458M *(items 25-27)*
25. GPCD8P (1)
26. 17mm x 2 1/2 NC (#19M63160) (1)
27. IPW 14 (5)