Muncie ®
Power
Products
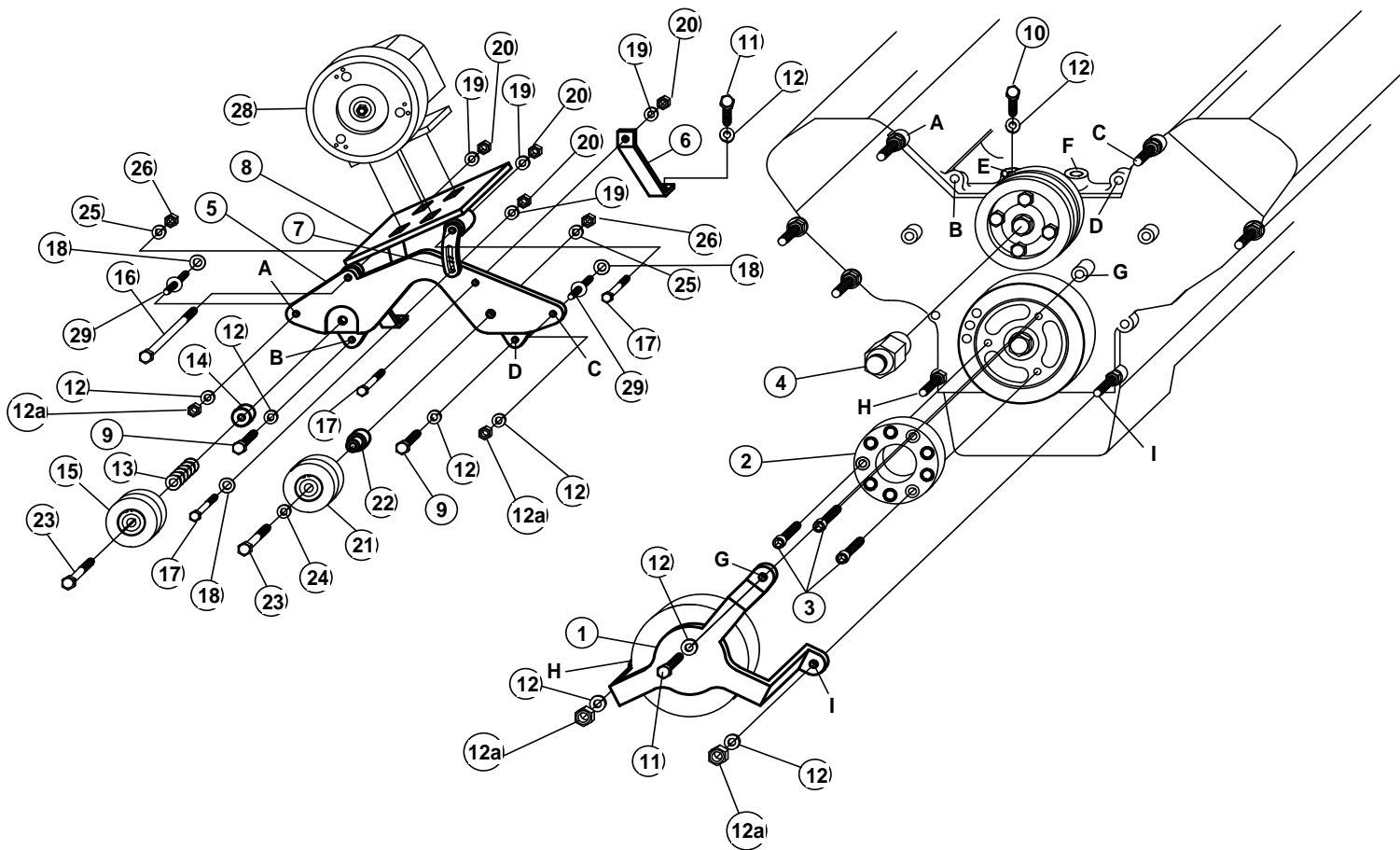
CVKF98-5468-A-AC
CVKF98-5468-AH-AC
1997-99 Ford Van E-150,250,350
4.2,5.4,6.8 Triton, W-WO/AC
(Serpentine)

INSTALLATION NOTES

1. Disconnect the negative battery cable at the battery. Remove the complete air cleaner assembly. Remove the fan and fan shroud. (Fan nut is right handed threads). Remove the O.E.M. serpentine belt and the flat idler on the passenger side.

2. Install crankshaft adapter (2) onto the front of the balancer with bolts (3) and torque them to 40 ft./lbs.. Install the belts onto the pulley assembly with the legs at locations "H & I" on the outside of the belts and the leg at location "G" inside the belt. If there are any clips straps etc. bolted to either of these studs, they must be removed and reinstalled on the front side of the pulley bracket. Install the pulley assembly over the studs at "H & I", make sure the drive pins slide into the six nylon bushings in the crankshaft adapter. Tighten nuts and bolt to 35 ft./lbs.. If the pulley is ligned up properly, a very slight amount of backlash should be felt in the pulley.

3. Remove the studs at locations "A & C" and replace them with studs (29) with a flatwasher between the head of the stud and the timing cover. *NOTE:* The flatwashers must be used to keep the main bracket aligned. Remove the bolts at locations "B & D". Install the main bracket (5) over the studs at "A & C". It is not necessary to remove the alternator to install the bracket. Install bolts and lockwashers (9 & 12) into holes at locations "B & D". Do not tighten. Install nuts and lockwashers (12 & 12a) onto the studs at locations "A & C". Do not tighten. Install bolt (10) and lockwasher (12) through the leg in the back of the main bracket at location "E". Tighten bolts at locations "B & D", then "A & C" and then the bolt at location "E". Install brace (6) with the slotted end to the bracket using bolt (11) and lockwasher (12) on the engine and bolt (17), lockwasher (19) and nut (20), tighten them evenly.
    NOTE: If there is an electrical relay switch on the stud at location "A", make sure it is bolted to the front side of bracket (5).

4. Install the O.E.M. idler back in its original position and tighten. Install serpentine belt.

5. Install the pump onto the pump plate (8) using the bolts provided in the kit. Do not tighten. Install the pump and plate assembly onto the main bracket (5) with bolt (16), nut (20) and lockwasher (19) through the bushing side of the plate. Install the adjusting slide with 2 bolts (17), nuts (20) and lockwashers (19) and on flatwasher (18). Install the grooved idler onto bracket (5) using adapter (22), bolt (23), nut (26), flat washer (24) and lockwashers (25). Install idler IPKD-35 with bolt (23) using washers (29 & 31) and nut (32). Align with the other idler GPKD-36 and drive pulley (1). Align the pump with the idler and drive pulley. Tighten the pump to plate (8). Install the v-belts and tension them properly. Tighten all pump plate bolts at this time.

6. Install fan spacer (4) on the water pump. Install the fan and fan shroud. Replace air cleaner assembly and connect negative battery cable. Check all hoses, wires, etc. to make sure that they do not make contact with any moving parts.
    NOTE: 6.8 uses larger diameter spacer.

9/99

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PARTS LIST

FPC 372 ASSEMBLY
1. FPC 372 (1)
2. FPA 37 (1)
3. 10mm X 20mm 1.5 SHCS w/Locktite (3)
4. FSK 37R (1), FSK 6.8 (1)
5. VFB 360 (1)
6. VFB 361 (1)
7. VFB 362 (1)
8. VFP 371 (1)
9. 10mm x 60mm 1.5 (2)
10. 10mm x 30mm 1.5 (1)
11. 10mm x 25mm 1.5 (2)
12. 10mm LW (9)
12a 10mm 1.5 (4)
13. IPW-14 (6)
14. SP 175-1.250 (1)

15. IPCD-G (1)
16. 3/8 X 4 1/2 NC (1)
17. 3/8 X 1 1/4 NC (3)
18. 3/8 FW (3)
19. 3/8 LW (4)
20. 3/8 NC (4)
GPKD-73 ASSEMBLY
21. GPCD 73 (1)
22. GPSA 36 (1)
23. 5/8 x 3 1/2 NC (2)
24. IPW10 FW (1)
25. 5/8 LW (2)
26. 5/8 NC (2)
27. AX-62 (2) (Not Shown), H.D.: AX-64
28. Clutch Pump Assembly (1) (Sold Separately)
29. 10107 1.5 ST (2)