



CW MILL EQUIPMENT CO., INC.
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CMK 55-8
2006-09 CHEVY
C6500-8500 Trucks
8.1, V-8

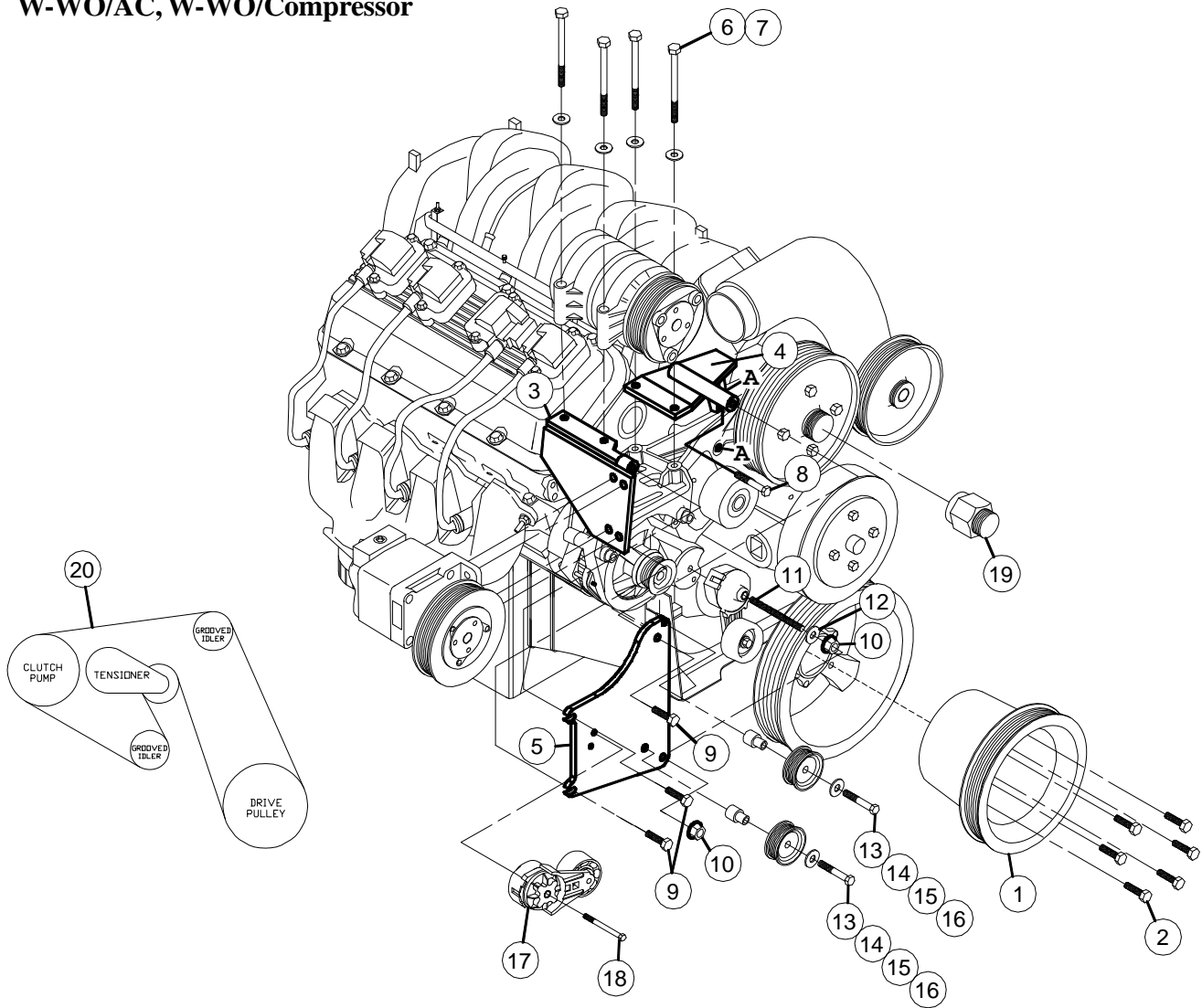
W-WO/AC, W-WO/Compressor

INSTALLATION NOTES

1. Disconnect negative battery terminal. Remove the right-hand fender well, top half of the fan shroud and the fan. (**Fan Nut Has Left-hand Threads**) Remove the O.E. belt, tensioner and the four bolts from the A/C compressor. Remove the fan pulley and the bolt at location (A).
2. Install bracket (4) under the A/C compressor using bolts (6) flat washers (7) and at location (A) with bolt (8). Run the bolts all the way in but do not thighten at this time. Install pump plate (3) under the other side of the A/C Compressor with bolts (6) and flat washers (7). Do not tighten. Install the O.E. tensioner with stud (11) shim (12) and nut (10). Torque nut (10) to 25 ft. lbs. Install bracket (5) with bolts (9) and nut (10). Tighten very lightly then torque bolts (6) and (8) to 35 ft. lbs., Remove bracket (5) and install the fan pulley and the O.E. belt back to its original routing. Reinstall bracket (5) and torque bolts (9) and nut (10) to 35 ft. lbs.
3. Install pump drive pulley (1) onto the engine dampner with bolts (2) and torque to 25 ft. lbs. Install the pump onto plate (3) with bolts provided in the kit and align it with the drive pulley. Alignment is very critical to obtain proper belt life and performance, so use a good straight edge to align the pump. If the pump hits the A/C hose, the reciever dryer can be raised in its saddle and the A/C line can be bent to clear the pump. Install idlers (14) with bushings (13) flat washers (15) bolts (16) and tensioner (17) with bolt (18). Install the pump drive belt and route is as shown in the illustration.
4. Install fan spacer nut (19) onto the fan hub and install the fan. Replace the fan shroud and install the fender well. Reconnect the batteries. Run the engine and check for proper belt tracking. Adjust if nessecary.

CAUTION: Check all engine compartment hoses and electrical wiring that may have been disturbed or re-routed 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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PARTS LIST

- | | |
|------------------------------------|---------------------------------|
| 1. CPC 558 (1) | 13. CMB 552 Bushing (2) |
| 2. 8mm x 30mm 10.9 Flange (6) | 14. GPCD8 Idlers (2) |
| 3. CMP 55(0-4) (1) | 15. 12mm FW (2) |
| 4. CMB 550 (1) | 16. 12mm x 65mm Bolt (2) |
| 5. CMB 551 (1) | 17. 89426M Tensioner (1) |
| 6. 10mm x 120mm Bolts (4) | 18. 10mm x 80mm Flange Bolt (1) |
| 7. 10mm FW (4) | 19. FSK 52 Fan Spacer (1) |
| 8. 10mm x 130mm Bolt (1) | 20. Belt w/ 5 1/2" Clutch (1) |
| 9. 10mm x 30mm 1.5 Flange Bolt (3) | #2 Pump 5080890 |
| 10. 10mm Flange Nut 1.5 (2) | #4 Pump 5080880 |
| 11. 10mm x 120mm Stud 1.5 (1) | Belt w/ 6" Clutch |
| 12. 10mm x .120 Shim (1) | #2 Pump 5080900 |
| | #4 Pump 5080890 |