



CW MILL EQUIPMENT CO., INC.
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CMK 37 J-180-8

1996-00 CHEVY/GMC
305,350 W-WO/AC
97-02 Chevy G-van w/5.0 or 5.7
1500-3500

INSTALLATION NOTES

1. Disconnect negative battery terminal. Remove the air cleaner box and the top half of the fan shroud. Remove the fan from the water pump using the wrench provided to hold the water pump from turning. Fan nut threads are right hand. Remove the serpentine belt and the crank pulley.
2. Install the O.E.M. and auxiliary drive pulley (1) onto the damper using bolts (2 & 4) and lockwashers (3 & 5). Make sure the drive pulley pilots into the O.E.M. pulley.
3. Remove the O.E.M. alternator and lay it aside, the wires do not need to be disconnected. Remove the bracket holding the heater hoses and the A/C line from the side of the alternator bracket, it will not be reused. Remove the idler, spring loaded tensioner, the steel spring bushings and the bolt holding the heater hose from the alternator bracket. Remove the alternator bracket from the engine and remove the stud at location "A".
4. Install the new alternator bracket (7) onto the engine using bolts (11) with lockwasher (5) at location "B & C", and bolt (12) with mild grade of loctite at location "A", tighten securely. Install the O.E.M. steel spring bushings, the idler and the belt tensioner onto the new bracket in their original locations. Install the bolt back into the bracket to hold the heater hose. Install the O.E.M. alt. into the bracket using the O.E.M. bolts. Install the O.E.M. belt and the fan spacer nut (6).
5. Install the auxiliary alt. (19) into the bracket using bolt (13), lockwasher (14), and nut (15) at the spool end and bolts (16 & 17), washers (14 & 18) and slide (8) on the adjustment end. Do not tighten. Install tensioner (9) with bolt (10) onto the bracket. Install the alt. drive belt (20). With a 3/8 drive ratchet or breaker bar, load the tensioner and swing the alternator outwards to take up belt slack. Tighten the alternator. Release the tensioner. If the tensioner is about in mid travel, the alt. is adjusted properly.
6. Shorten the heater hoses at the heater core if they kink or interfere with the alt.. Install the fan and the fan shroud. Use the adel clamp and 1/4 bolt with washers and nut to secure the A/C line (*if equipped*) to the fan shroud. Use tie straps to secure any wires or hose out of the way of any hot or moving parts. Replace the air cleaner box.

NOTE: Check all engine compartment hoses that may have been disturbed or re-routed during kit installation to be sure hoses are not kinked, that they do not touch any high temperature item, and that they do not touch any moving components.

NOTE: This kit is designed to operate successfully with the standard fan supplied by the manufacturer of your truck. Due to O.E.M. assembly tolerances and change, visually make certain that there is adequate clearance between fan and drive pulley and fan to radiator. It may be necessary to use a difference spacer for clearance.

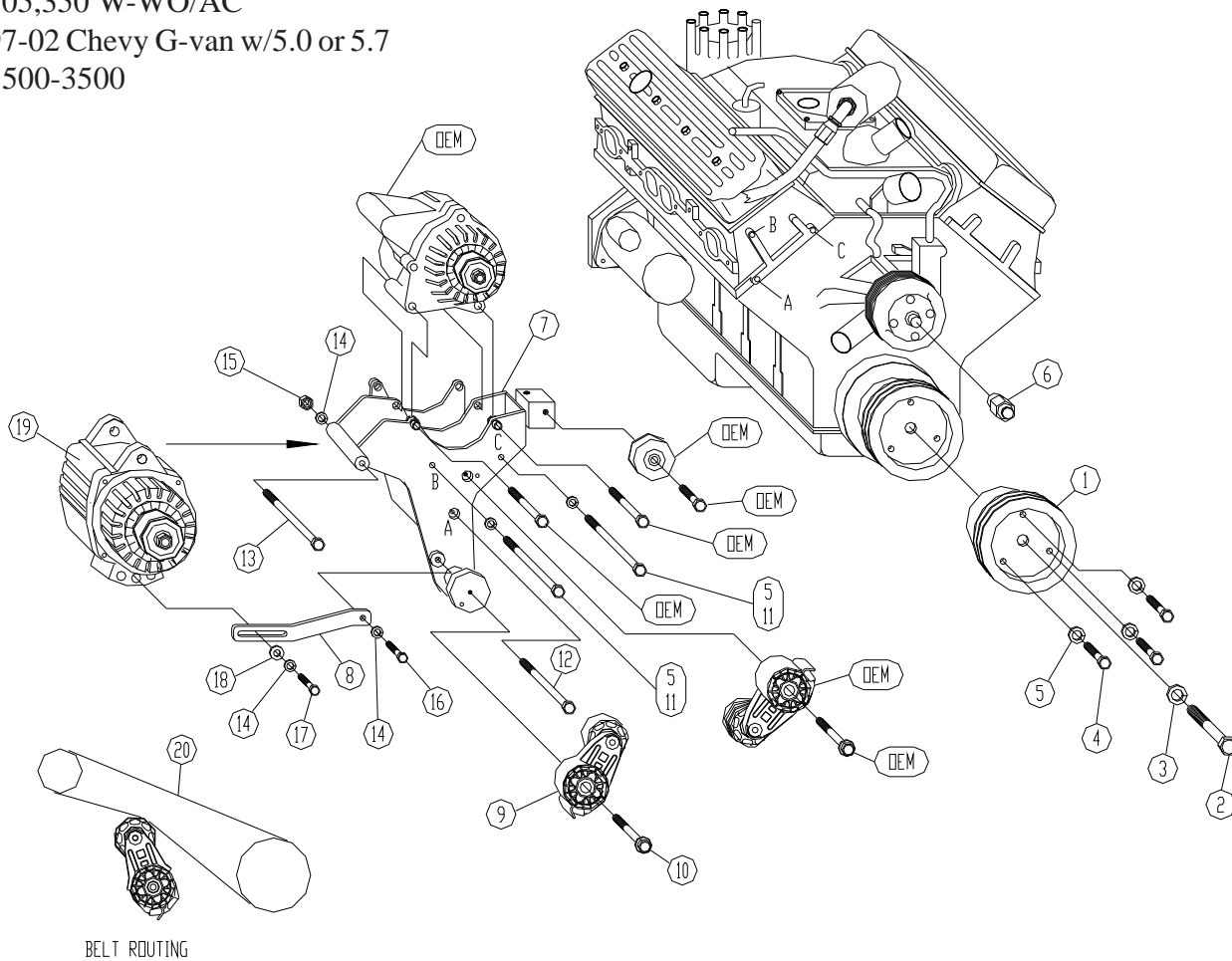
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PARTS LIST

- | | |
|------------------------------|------------------------------------|
| 1. CPC 358 (1) | 11. 3/8 x 6 NC GR. 8 (2) |
| 2. 7/16 x 3-1/2 NF GR. 8 (1) | 12. 3/8 x 5-3/4 NC GR. 8 (1) |
| 3. 7/16 LW (2) | 13. 1/2 x 6 NC (1) |
| 4. 3/8 x 2 NF GR. 8 (3) | 14. 1/2 LW (3) |
| 5. 3/8 LW (5) | 15. 1/2 NC (1) |
| 6. FSK 37R (1) | 16. 1/2 x 1 NC (1) |
| 7. CMB 370 J-180-8 (1) | 17. 1/2 x 1 x 1-1/4 NC (1) |
| 8. CMB 371 J-180 (1) | 18. 1/2 FW (1) |
| 9. DAYCO 89231-007 (1) | 19. Alternator (Sold Separately) |
| 10. 10mm x 60mm (1) | 20. Dayco 5080485 Belt (Not Shown) |