



CW MILL EQUIPMENT CO., INC.
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VCK 38SD508-I6
2003-05 CHEVY
G 1500-3500
4.8,5.3, 6.0 VORTEC V-8
W-WO/AC
W/O EGR Valve

INSTALLATION NOTES

1. Disconnect the negative battery cable. Remove the air intake duct. Removing the fan shroud and fan is not necessary, but does make installation easier. Fan nut has right hand threads. Remove the O.E.M. belt and the flat idler located on the alternator bracket.
2. Remove the cable bracket from the alternator bracket and remove the alternator. The back of the alternator will need to be reclocked 90 deg. in a clockwise direction when facing the front of the alternator.
3. Install the A.C. compressor onto the bracket (1) using bolts (11,12), nuts (13) and slide bushings (14). Install the compressor bracket assembly into the O.E.M. alternator mount using O.E.M. bolts at locations "D" and "E".
4. Remove the three alternator bracket bolts from the engine at locations "A", "B" and "C". Install the new alternator bracket (4) using bolts (2) and lockwashers (3). Do not tighten. Install the alternator using bolts (6,15), slide bushing (14), spacer (5), flatwasher (8) and lockwasher (7). Tighten all bolts evenly and securely.
5. Install flat idlers (10) using bolts (11) and spacers (9). Install belt (16) according to the diagram. Replace the fan shroud and air cleaner assembly. Reconnect the battery cable. Run the engine and check for proper belt tracking.

CAUTION: Check all engine compartment vacuum hoses and electrical wiring that may have been disturbed or re-routed during kit installation to be sure that hoses are not kinked, do not touch any high temperature item, and do not interfere with any linkage components.

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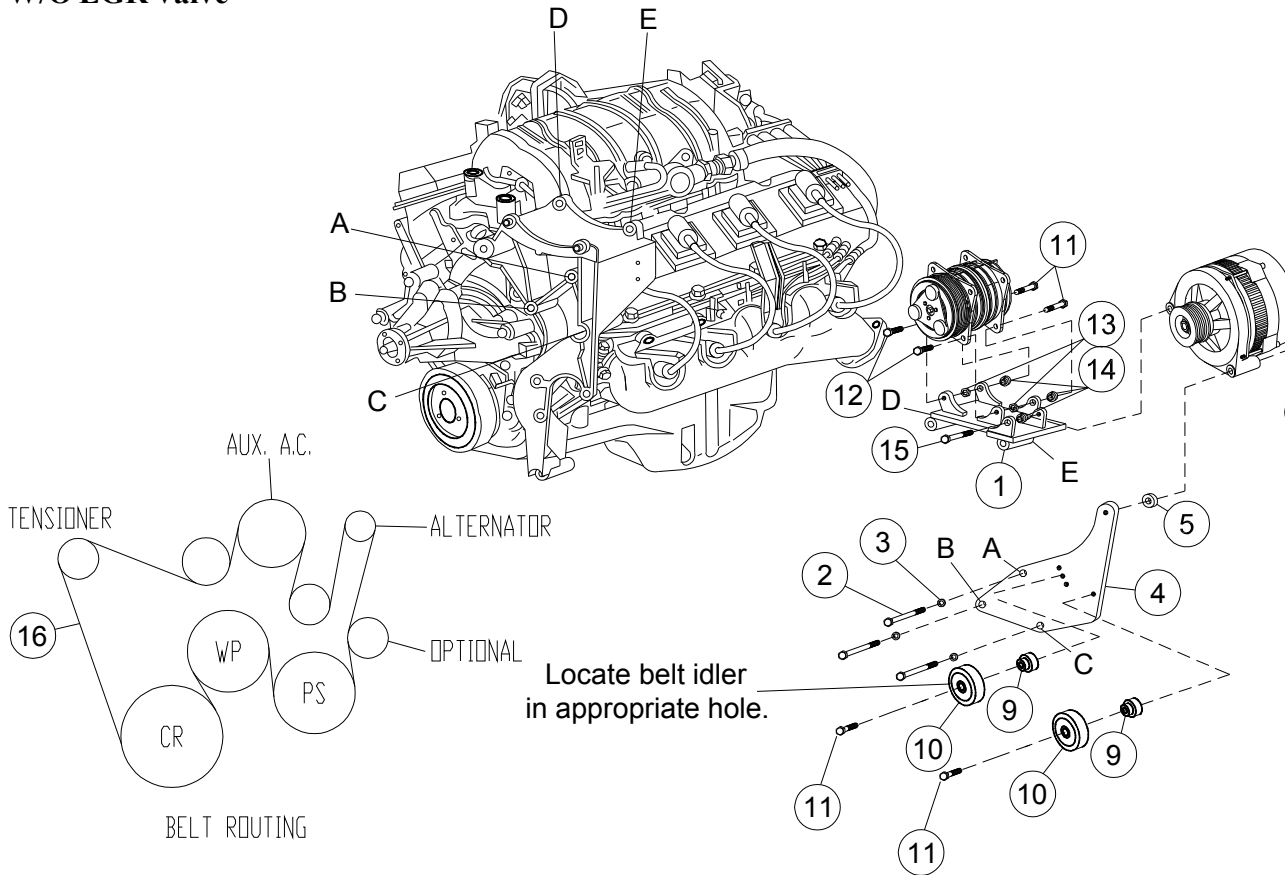
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PARTS LIST

- | | |
|-------------------------|---------------------------------|
| 1. VCMP 38SD508- I6 (1) | 9. CMB 3867 (2) |
| 2. 10mm x 130mm (3) | 10. 89007 Dayco (2) |
| 3. 10mm LW (3) | 11. 10mm x 40mm Flange (4) |
| 4. VCMB 381SD508-I6 (1) | 12. 10mm x 30mm Flange (2) |
| 5. SP88-.250 (1) | 13. 10mm Flange Nut (2) |
| 6. 3/8 x 3 (1) | 14. 1255-0090 Slide Bushing (3) |
| 7. 3/8 LW (1) | 15. 10mm x 80mm Flange (1) |
| 8. 5/16 FW (1) | 16. 5061223 Dayco (1) |