



**Muncie®  
Power  
Products**

**CMKC01-81CK-P8-AC**

**2001-2002 CHEVY  
C&K 3500HD  
2003-2009 4500, 5500  
8.1, V-8**

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**INSTALLATION NOTES**

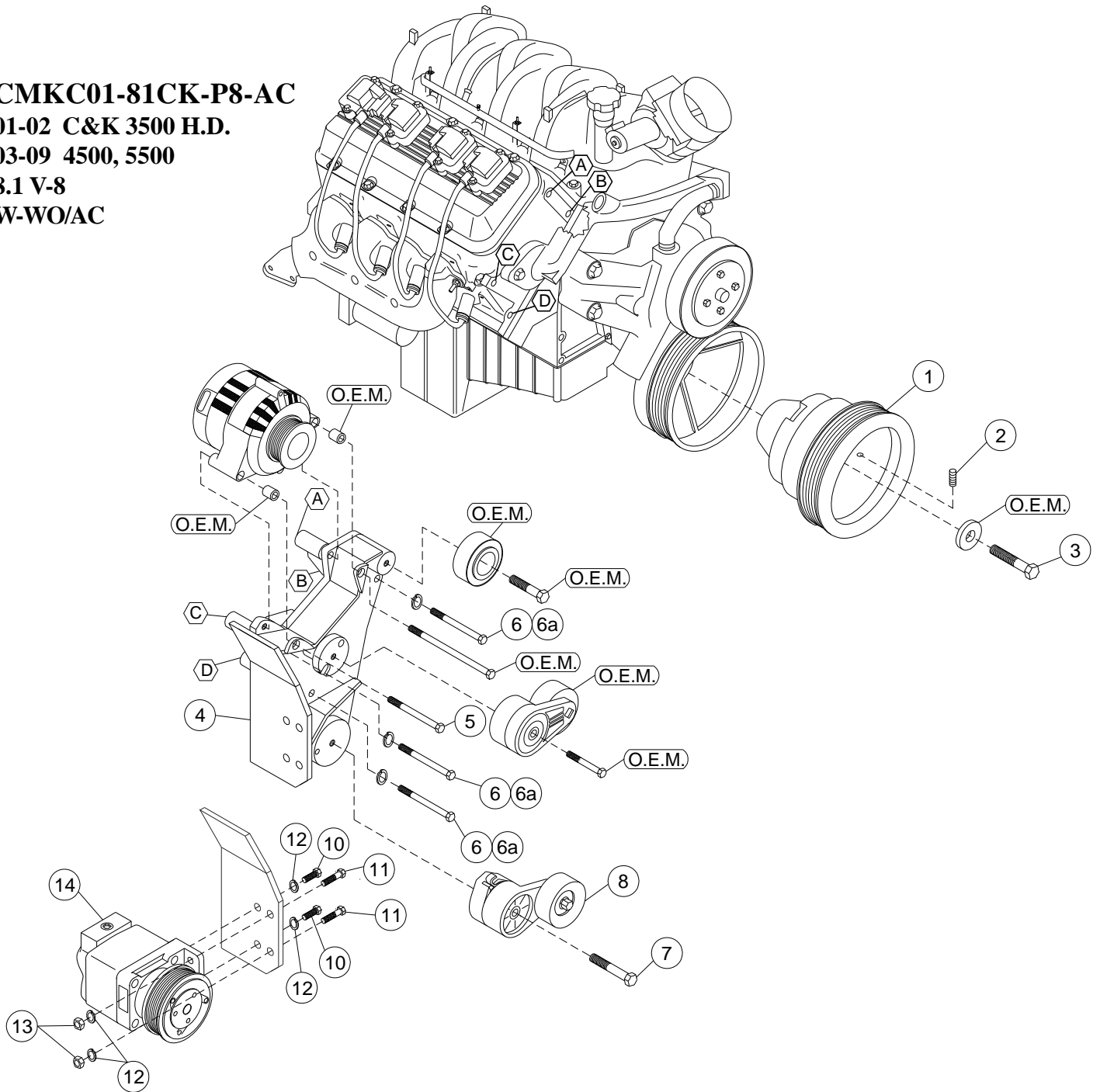
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**W-WO/AC**

1. Disconnect the negative battery cable. Remove the plastic air intake tube. Remove the top half of the fan shroud and the fan. Remove the OEM belt, tensioner idler, and alternator from the engine. Remove the alternator bracket.
2. Remove the bolt and washer from the damper. Install the washer onto bolt (3). Install the six allen head set screws (2) into the drive pulley from the inside until they are flush with the outside of the pulley. Using a mild grade of loctite. Install the drive pulley into the damper using bolt (3). Tighten bolt (3) finger tight. Making sure the drive pulley pilot is engaged into the damper, turn the pulley counter clockwise until it hits against the damper spokes. Torque bolt (3) to 210 ft./lbs.. Tighten the allen head set screws in a crossing pattern at 10 in lbs., 10 ft./lbs., 15 ft./lbs. and then 20 ft./lbs.
3. Install the pump assembly onto the bracket using the bolts provided in the kit. (Do not tighten). Install the bracket and pump assembly onto the engine using bolts (6) with lockwasher (6a) at holes "B,C & D". Do not tighten. If there is less than 1" clearance between the clutch and the lower radiator hose, it will be necessary to drain the engine coolant, remove the hose and cut the hose to desired length. If this is necessary remember to replace the hose and engine coolant. Remove the bushings from the OEM alternator bracket and install them into bracket (4). Install the alternator using one of the OEM alternator bolts at location "A", and bolt (5) at the other location making sure the bracket is flat against the front of the head, tighten bolts securely.
4. Using a straight edge on the front of the drive pulley, align the pump pulley, then tighten bolts securely. (There is only a slight amount of adjustment on the pump, but proper alignment is critical for proper belt tracking and performance).
5. Install the OEM tensioner, idler and belt back on the engine as originally routed. Install tensioner (8) with bolt (7) onto the bracket with the alignment pin in the bottom hole. Install the pump drive belt. If the belt is too short, remove the tensioner and install with the alignment pin in the top hole. Transmission coolant lines, and A/C lines may need to be clamped or bent to provide clearance at the pump pulley.
6. Install the fan, fan shroud and air intake. Turn the fan to make sure it clears the drive pulley and tensioner assembly. Connect the battery. Run the engine to make sure that the belt tracks properly.

*NOTE:* Check all engine compartment hoses electrical wiring that may have been disturbed or rerouted during kit installation to be sure that hoses are not kinked, that they do not touch any high temperature items, and they do not interfere with any linkage components.

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**01-02 C&K 3500 H.D.**  
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**PARTS LIST**

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|-----------------------------|-------------------------|
| 1. CPC 478A (1)             | 9. Belt (Not Shown)     |
| 2. 3/8 x 1 NC Set Screw (6) | (Dayco 5080510) (1)     |
| 3. 16mm x 80mm 1.5 (1)      | 10. 3/8 x 1 NC (2)      |
| 4. CMP 471 (1)              | 11. 3/8 x 1-1/2 NC (2)  |
| 5. 10mm x 80mm 1.5 (1)      | 12. 3/8 LW (4)          |
| 6. 10mm x 100mm 1.5 (3)     | 13. 3/8 NC (2)          |
| 6a. 10mm LW (3)             | 14. Clutch Assembly (1) |
| 7. 12mm x 80mm 1.75 (1)     | (Sold Separately)       |
| 8. Dayco 89217 Assembly (1) |                         |