



Muncie<sup>®</sup>  
Power  
Products

CMK69-4500-A-AC

1973-84 CHEVY

C-10, 20, 30

454

W-WO/AC, A.I.R., PS

## INSTALLATION NOTES

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1. Disconnect battery terminal, remove belts and fan.
2. Remove bolts and washers from pulley on front of crankshaft. Install drive pulley (1) with provided bolts. **CAUTION:** Be sure to use the bolts with same thread as O.E.M. bolts removed.
3. Remove alternator from original position. Remove support bracket from back of alternator. Install alternator with top bolt only. Do not tighten bolt.
4. Remove A.I.R. pump and remove lower bolt sleeve as shown in diagram. Install A.I.R. pump with top bolt only. Do not tighten bolt. **NOTE:** Install bracket (13) if no A.I.R. pump is used.
5. Install mounting bracket (11) using provided spacers (15 & 16) and A.I.R. pump (2 or 21) and alternator (19) bolts provided. Do not tighten bolts.
6. Remove fan studs and replace with provided studs (8). Install fan spacer (7). Install fan and tighten securely.
7. Install and tighten belts to specified tension. Tighten all other loose bolts.
8. Mount clutch pump (33) to pump plate. Make sure clutch pulley is in line with drive pulley (1).
9. Install idler pulley (26) using spacers as required to align with clutch and drive pulleys. Tighten securely.
10. Tighten pump bolts securely. Install pump drive belts (32). Adjust mounting plate (12) for proper belt tension. Tighten bolts (20 & 22) on pump plate. Connect battery terminal.
11. **CAUTION:** Check all engine compartment vacuum hoses and electrical wiring that might have been disturbed or re-routed during kit installation to be sure that hoses are not kinked, that they do not touch an high temperature items, and that they do not interfere with any linkage components.

**NOTE:** Heater hoses and ram air tube may need to be re-routed or the length may need to be changed.

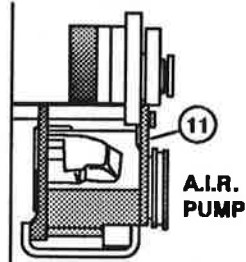
**NOTE:** This kit is designed to operate successfully with the standard fan supplied by the manufacturer of your truck. Due to O.E.M. assembly tolerances, visually make certain that there is adequate clearance between fan and drive pulley as well as between fan and radiator. It may be necessary to use a longer spacer for pulley clearance. If there is little clearance to the radiator, check with a Chevrolet dealership to insure that it will not flex into the radiator before operating. Move radiator if necessary. Fan shroud may need to be notched for belt clearance.

# CMKC69-4500-A-AC

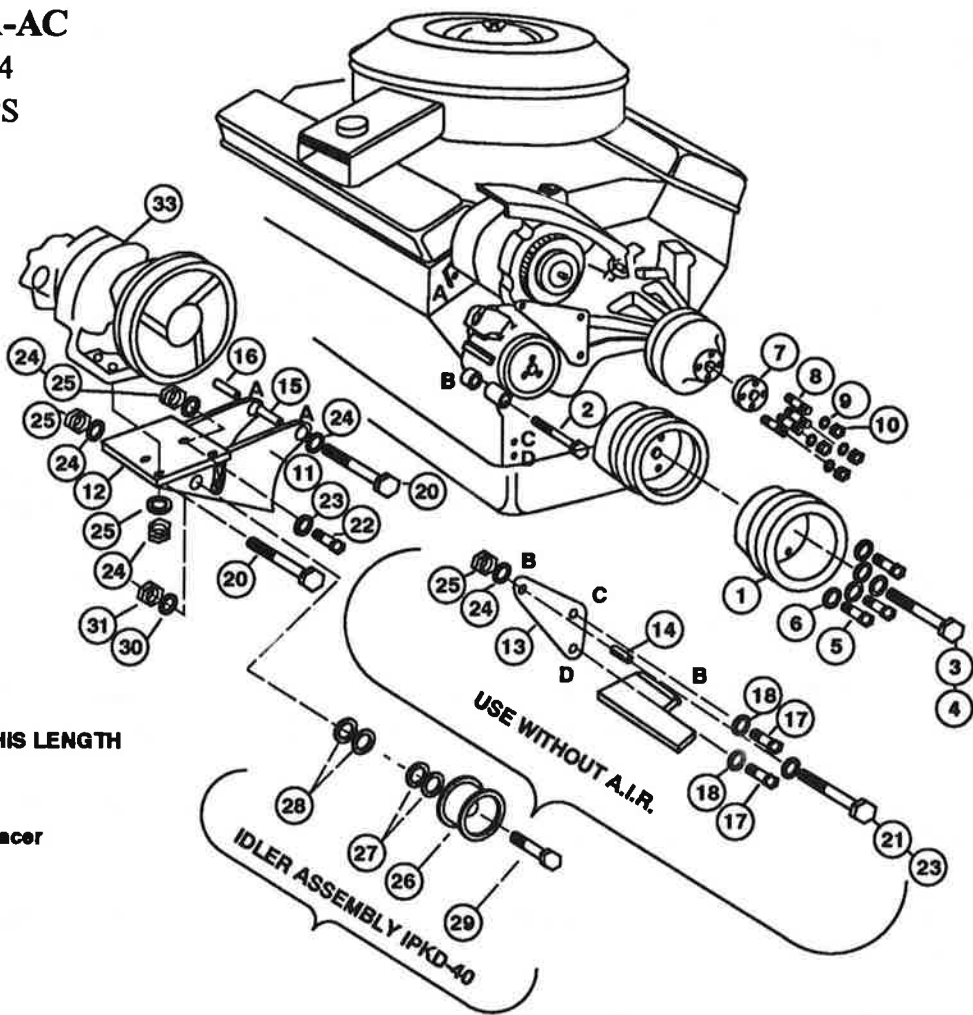
1973-84 CHEVY 454

W-WO/AC, A.I.R., PS

CYLINDER HEAD  
ALT.



CUT TO THIS LENGTH  
ORIGINAL LENGTH  
Remove O.E.M. Alt. Spacer



## PARTS LIST

- |                         |                              |
|-------------------------|------------------------------|
| 1. CPC 412 (1)          | 18. 7/16 LW (2)              |
| 2. O.E.M.               | 19. 3/8 X 6 1/2 NC (1)       |
| 3. 1/2 X 3 NF Gr. 8 (1) | 20. 3/8 X 5 NC (1)           |
| 4. 1/2 LW (1)           | 21. 3/8 X 4 NC (1)           |
| 5. 3/8 X 2 NC Gr. 8 (1) | 22. 3/8 X 1 1/2 NC (1)       |
| 6. 3/8 LW (3)           | 23. 3/8 FW (2)               |
| 7. FS0 504 (1)          | 24. 3/8 LW (4)               |
| 8. 5/16 X 2 ST (4)      | 25. 3/8 NC (3)               |
| 9. 5/16 LW (4)          | 26. IPCD (1)                 |
| 10. 5/16 NC (4)         | 27. IPW 14 (5)               |
| 11. CMB 410 (1)         | 28. 5/8 FW (12)              |
| 12. CMP 411 (1)         | 29. 5/8 X 4 NC (1)           |
| 13. CMB 411 (1)         | 30. 5/8 LW (1)               |
| 14. SP64-0.750 (1)      | 31. 5/8 NC (1)               |
| 15. SP64-1.375 (1)      | 32. AX-62 (2) (Not Shown)    |
| 16. SP64-1.562 (1)      | 33. Clutch Pump Assembly (1) |
| 17. 7/16 X 1 NC (2)     | (Sold Separately)            |