

## NOTICE

TO PROTECT & PRESERVE YOUR BLACK POWDER  
PAINTED OR CHROME PLATED BRACKETS' FINISH,  
BE SURE AND APPLY A GOOD QUALITY WAX SUCH AS  
CARNAUBA, AS NEEDED.



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## INSTALLATION INSTRUCTIONS

**916-67966**

**610L / 611L / 612L**

**LONG WATER PUMP VERSION**

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TO MAKE INSTALLATION EASIER, PLEASE READ ALL THE INSTRUCTIONS BEFORE INSTALLING THE BRACKET.

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### TOP WIDE MOUNT ALTERNATOR BRACKET INFORMATION

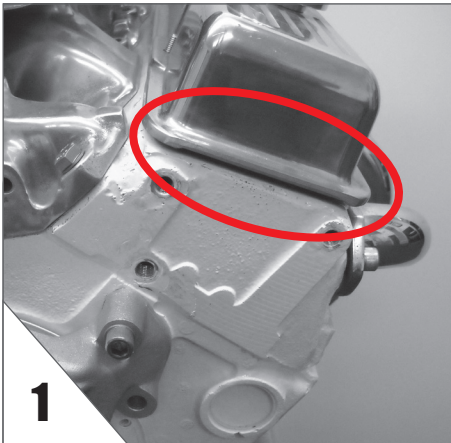
- Alternator bracket designed for the Small Block Chevy using **LATE STYLE HEADS** (1970 & later).
- For use with the **LONG WATER PUMP ONLY**.
- Positions the alternator over the valve cover.
- All bracket hardware is pre-assembled in the proper location as it will need be when installed.
- When installing the bracket, leave all the bolts snug but not tight UNTIL alignment of the belt, belt length and bracket positioning have been verified. If it looks good, go ahead and tighten the bolts and adjust the belt tension.
- Use LOCTITE #242 (blue) on all bolts for final assembly.

**TOOLS REQUIRED FOR INSTALLATION ARE:** 1/4" Allen Wrench, 5/16" Allen Wrench

### ALTERNATOR USED WITH THIS APPLICATION IS:

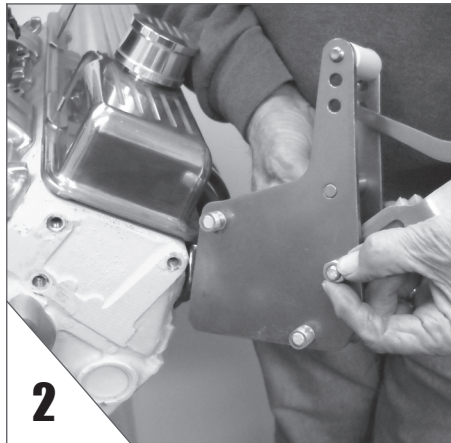
- **G.M. Alternator Standard Size** DELCO 10-si or 12-si Internal Regulator type used on 1970 - 1989 G.M. products.

## HOW TO INSTALL YOUR NEW TOP WIDE-MOUNT ALTERNATOR BRACKET



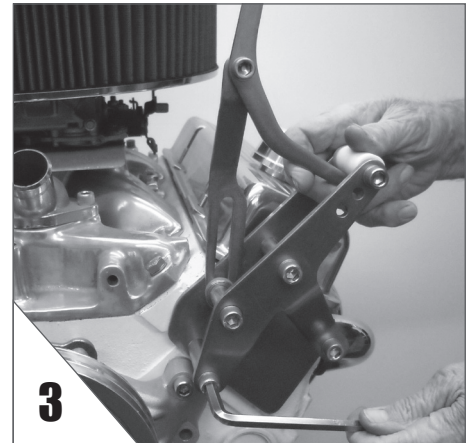
**1**

**POSSIBLE VALVE COVER FLANGE TRIMMING:** A minor bit of trimming on the Valve Cover Flange (circled in red) may be needed to allow the bracket to sit flat on the head face.



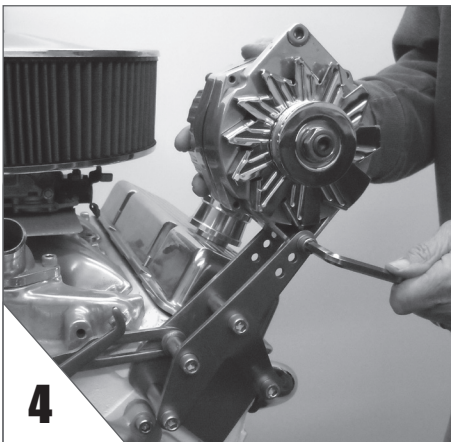
**2**

**REMOVE** nut, plastic sleeves and tape from the bolts! **NOTE:** Please do not disassemble the bracket!



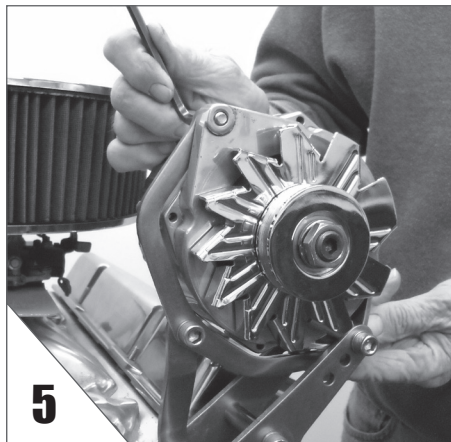
**3**

**NOW BOLT** the bracket to the head and snug up the bolts.



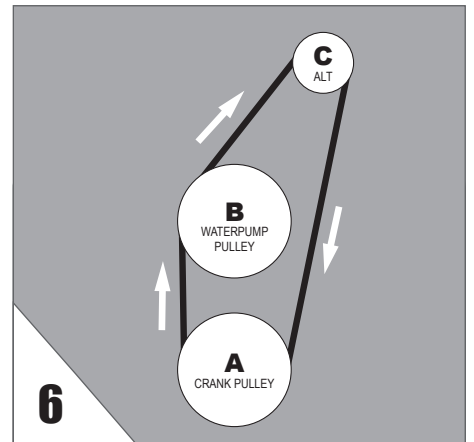
**4**

**LAY** adjusting arm & 'C' Brace over on engine to get out of the way.  
**THEN REMOVE** the white spacer and bolt the alternator in its place!



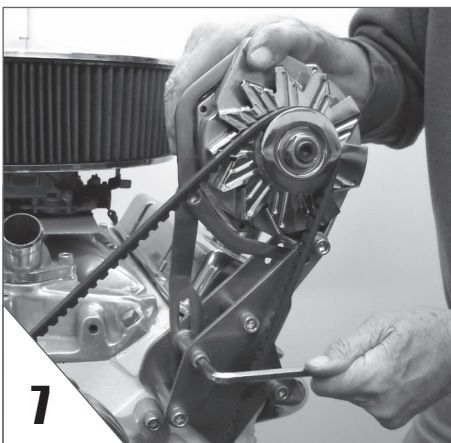
**5**

**NOW SWING** the adjusting arm over and hook the 'C' brace to the alternator bottom, then **BOLT** the top of the 'C' brace to the alternator as shown!



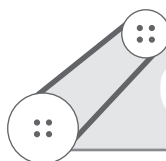
**6**

**INSTALL** the belt in the following order:  
- Crank Pulley (**A**) first,  
- Water Pump Pulley (**B**) second,  
- Alternator Pulley (**C**) last.



**7**

**ADJUST** the belt tension. **TIGHTEN** up all bolts now and check for proper alignment.



### BELT SIZE SUGGESTION

• Try Gates 7541

### BELT ADJUSTING TIPS

- Take the top bolt out of the Alternator that holds the adjusting arm to the Alternator 'C' Brace.
- Slip the belt over the crank and water pump pulley first, then into the Alternator pulley, then pull the unit up to where you can put in the bolt for the adjusting arm and snug up.
- Then proceed to use the adjusting arm as normal to get the proper tension. This works well for us when there are no alternate belt lengths or widths to try, but are close to one of them so adjustment can be achieved.