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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www.SpeedwayMotors.com

INSTALLATION
INSTRUCTIONS

600 Series

Speedway P/N: 916-67967

Bill's Hot Rod P/N: 613L / 614L / 615L

LONG WATER PUMP VERSION

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

TOP WIDE MOUNT AIR CONDITIONER BRACKET INFORMATION

- Air Conditioner bracket designed for the Small Block Chevy using non Vortec cast iron **LATE STYLE HEADS** (1970 & later).
- For use with the **LONG WATER PUMP.**
- Positions the air conditioner 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 IS: 5/16" Allen Wrench

AIR CONDITIONER USED WITH THIS APPLICATION IS:

- **Sanden SD-508** Air Conditioner Compressor.

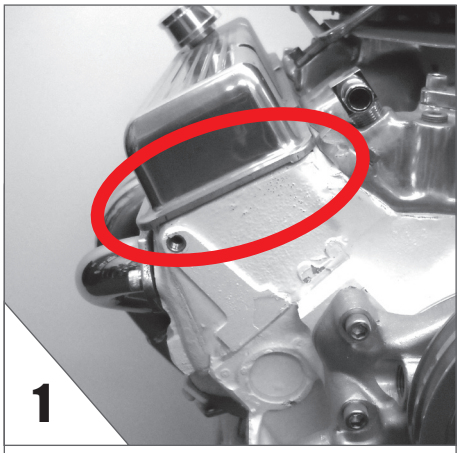
BELT SIZE SUGGESTION • Try Gates **7575**

BELT ADJUSTING TIPS

- Take the bolt out of the Compressor that holds the adjusting arm to the Compressor. Slip the belt over the compressor pulley 1st, then into the crank pulley, and then the water pump pulley. Then pull the unit out 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.

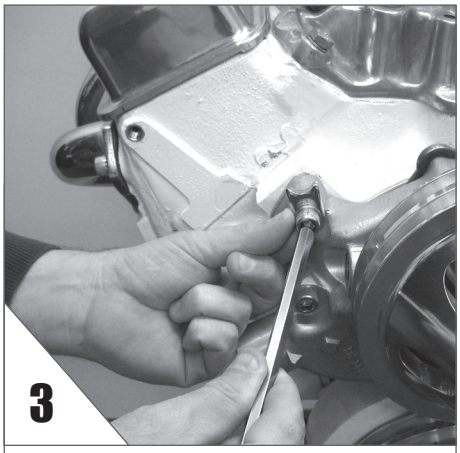
PART # 916-67967 (LONG WATER PUMP VERSION)

HOW TO INSTALL YOUR NEW TOP WIDE-MOUNT AIR CONDITIONER BRACKET

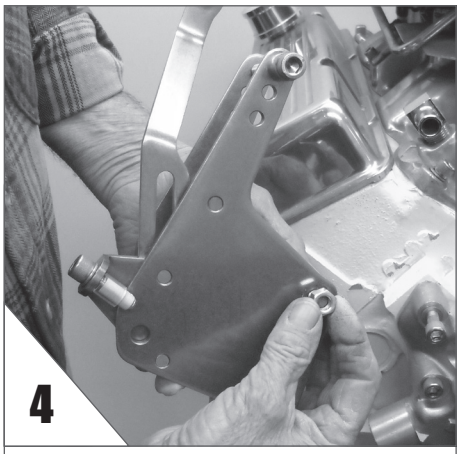


POSSIBLE VALVE COVER FLANGE TRIMMING: A minor bit of trimming on the Valve Cover Flange (circled in red) may be needed to allow the bracket to sit flat on the head face.

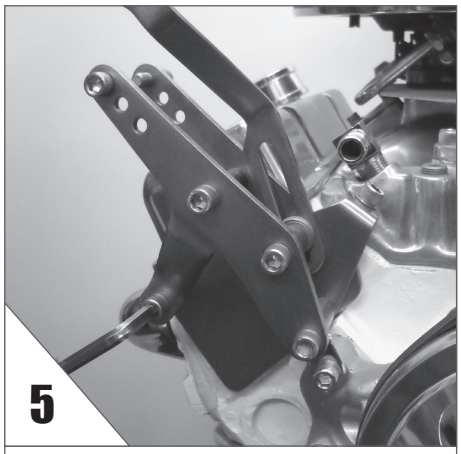
REMOVE the 1st intake manifold Bolt.



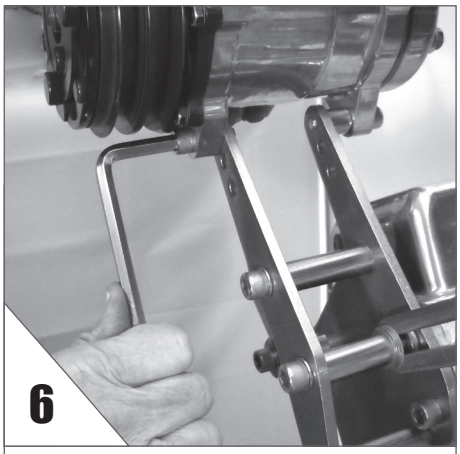
INSTALL the WPC (Water Pump Cradle) by removing the top water pump bolt. Leave slightly loose.



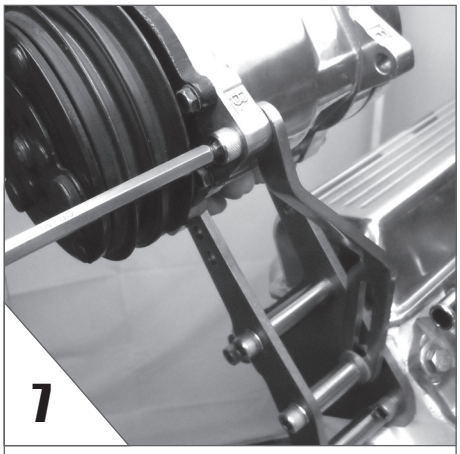
REMOVE nut, plastic sleeves and tape from the bolts! **NOTE:** Please do not disassemble the bracket!



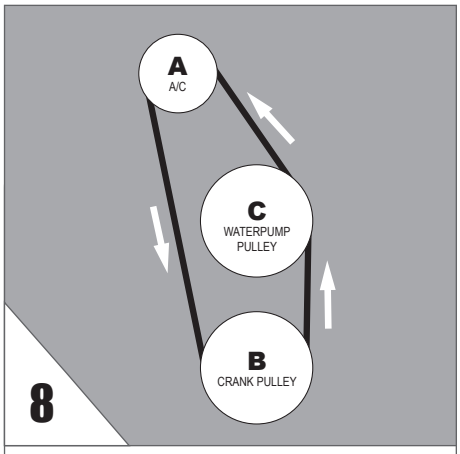
NOW BOLT the bracket to the head and snug up the bolts. **THEN LAY** the adjusting arm on the engine to get out of the way.



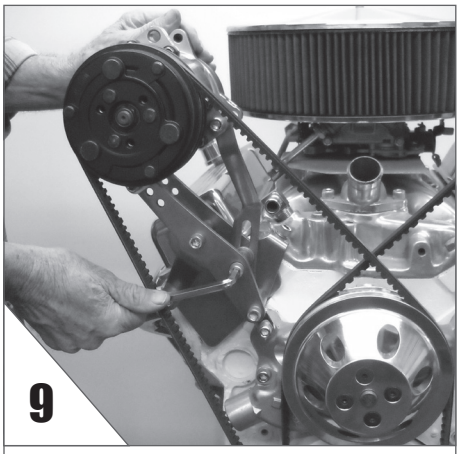
INSTALL the compressor to the bracket. Keep the 5/8" spacer between the back plate & rear compressor ear, & snug up.



SWING the adjusting arm up and bolt it to the compressor. Snug up bolts for now, not tight.



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



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