

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.



phone **800.979.0122**
fax **800.736.3733**

340 Victory Lane • Lincoln NE 68528

www.SpeedwayMotors.com



INSTALLATION INSTRUCTIONS

300 Series

Speedway P/N: **916-67920**

Bill's Hot Rod P/N: **301 / 302 / 303**

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

SMALL BLOCK POWER STEERING BRACKET INFORMATION

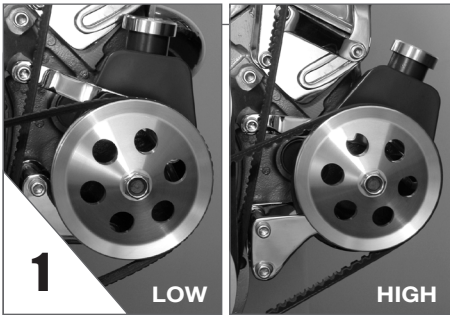
- Power Steering bracket designed for the Small Block Chevy.
- For use with the **SHORT** or **LONG WATER PUMP**.
- Positions the power steering pump close to the block, while allowing it to work with an 8" harmonic balancer.
- All bracket hardware is pre-assembled in the proper location as it will need 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, 9/16" Wrench.

POWER STEERING PUMP USED WITH THIS APPLICATION IS:

- **SAGINAW** Power Steering Pump with attached reservoir.
Recommended pumps; 1971-1974 Camaro, Chevelle or Monte Carlo V-8, or the 1973-1974 Chevy Truck 6 Cyl.

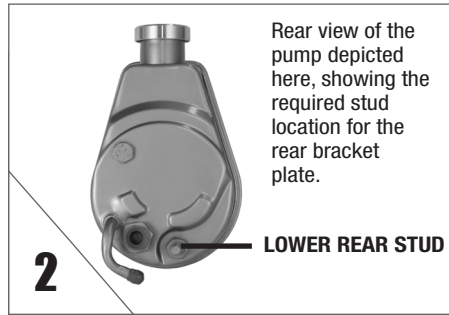
HOW TO INSTALL YOUR SMALL BLOCK CHEVY POWER STEERING BRACKET



BEFORE INSTALLING THE BRACKET:

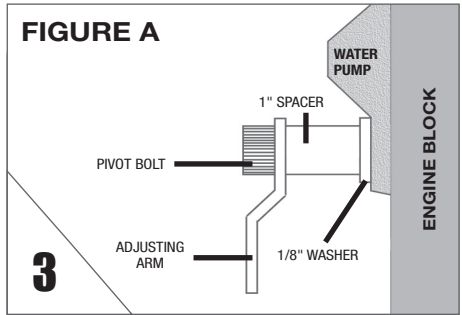
You will need to decide which position you would like the bracket to position the pump.

- The bracket come pre-assembled in the **LOW POSITION** as shown on the left.
- If the **HIGH POSITION** is desired, simply turn the bases over as shown in the right photo & reverse the bolts.



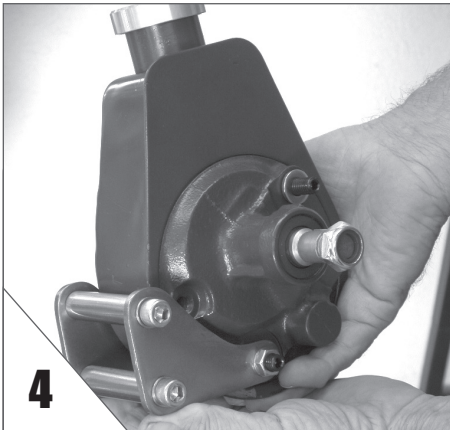
THE LOWER REAR STUD is required for installation.

For the 'LONG' pump version, add one 1/8" washer on the rear stud to properly space the bracket and keep the pump properly aligned with the pulleys. If your pump has a bolt without a stud, see your local G.M. dealer and ask for part #5689546.



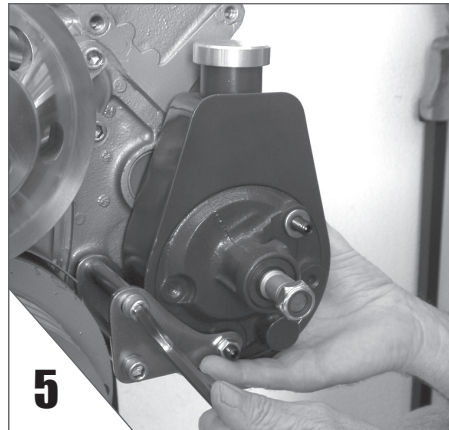
The power steering bracket is pre-assembled for the LONG water pump. If SHORT water pump version is needed, 2 steps are required:

- **FIRST**, remove the 1/8" washers, that are on the base.
- **SECOND**, add an 1/8" washer to the 1" spacer on the adjusting arm (**FIGURE A**)

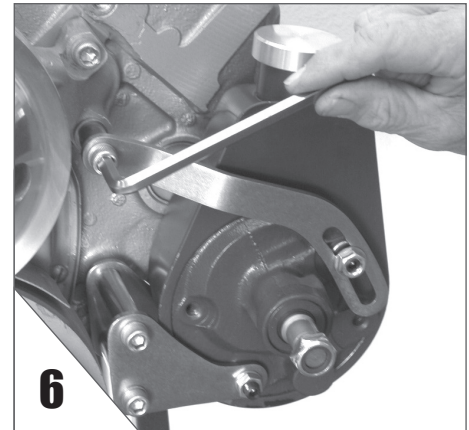


ATTACH the bracket to the pump.

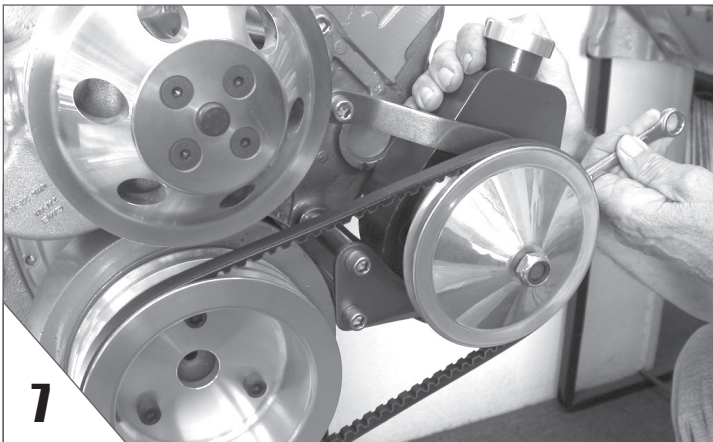
LOW POSITION is shown.



BOLT the pump to the block.



ATTACH the arm by removing the lower bolt and install the arm as shown. Add washers as needed to keep the arm square with the pump face.



TIGHTEN up all bolts and install the belt. **ADJUST** for tension. Check that all bolts are tight and the pump is properly aligned.

BELT SIZE SUGGESTIONS

- **LOW POSITION** - Try Gates **7360**
- **HIGH POSITION** - Try Gates **7380**

The power steering pump will be using one belt from the crank pulley to the power steering pump.

PLEASE NOTE:

These belt numbers will work with either the SHORT or LONG water pump set-up, using a 3 groove Crank Pulley with a 6 3/4" diameter, along with a 5 3/4" diameter Power Steering Pulley.