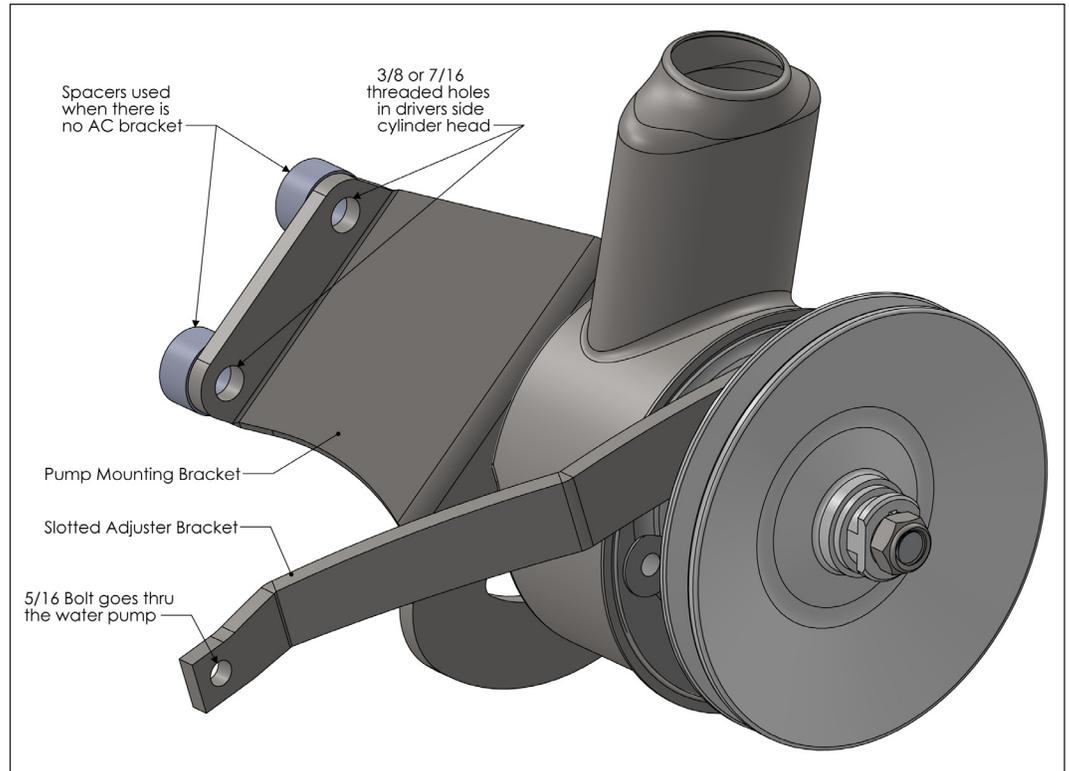


#PS901-S - Installation Instructions

for Power Steering Pump Bracket for Small Block Ford

Instructions:

1. Secure the reservoir to the pump by installing 1 of the 3/8 studs into the bottom hole on the back of pump and reservoir. The shorter threaded end of the stud will go into the pump. The longer end of the threaded stud will be used later to mount the pump assembly on to the engine.
2. Install the other 3/8 stud into the front side of the pump. The stud will go into the upper right threaded hole. The shorter side of the stud will go into to the pump. The longer side will be used later to mount the slotted adjuster bracket to the pump.
3. Attach the pump mounting bracket to the left cylinder head. If the engine has an AC bracket mount the new pump bracket on top of the AC bracket. If the engine does not have AC mount the pump bracket to the cylinder head with the 2 spacers. These spacers are the same thickness as the AC bracket and are needed to maintain the belt alignment. The mounting holes in the head are either 3/8 or 7/16, use the appropriate bolts.
4. Loosely attach the pump to the pump mounting bracket. The lower hole on the bracket will be used with the stud on the back of the pump. Use a 3/8 flat washer, lock washer and nut.
5. Using the 3/8 bolt flat washer and lock washer loosely connect the top of the pump assembly to the slotted portion of the mounting bracket.
6. Loosely attach the slotted adjuster bracket to the front of the pump. Use a 3/8 flat washer, lock washer, and nut.
7. The other end of the slotted adjuster bracket will attach to the water pump. There are 2 long bolts that secure the water pump and timing cover to the front of the engine block, remove the lower bolt from the water pump.
8. Using the new 5/16 bolt, flat washer, and lock washer attach the slotted adjuster bracket to the water pump.
9. Install the pulley onto the pump. Tighten the nut.



10. Install the belt. We used a 43-1/2" belt.
11. Adjust the belt tension. Position the pump in its travel so the belt is tight. Tighten the upper bolt on the back of the pump first. Next tighten the nut on the front of the pump. Make sure the pump and pulley are aligned parallel to the other pulleys. Adjust the pump position as needed. Tighten the lower nut on the back of the pump.
12. Connect the hoses to the pump.
13. Fill the reservoir with power steering fluid.
14. Install the cap on to the reservoir.

| GENERAL TORQUE SPECIFICATIONS: | | | | | |
|--------------------------------|---------|----------|-------|---------|----------|
| 1/4" | grade 5 | 10lb/ft | 1/4" | grade 8 | 14lb/ft |
| 5/16" | grade 5 | 19lb/ft | 5/16" | grade 8 | 29lb/ft |
| 3/8" | grade 5 | 33lb/ft | 3/8" | grade 8 | 47lb/ft |
| 7/16" | grade 5 | 54lb/ft | 7/16" | grade 8 | 78lb/ft |
| 1/2" | grade 5 | 78lb/ft | 1/2" | grade 8 | 119lb/ft |
| 9/16" | grade 5 | 114lb/ft | 9/16" | grade 8 | 169lb/ft |
| 5/8" | grade 5 | 154lb/ft | 5/8" | grade 8 | 230lb/ft |

NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.

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