

#PS808 - Installation Instructions

Power Steering Pump Bracket for Front-Mount Small Block Chevy V8

Notes:

Read instructions completely and familiarize yourself with bracket/pump orientations before beginning installation.

Make sure the kit fits your application, as intended, before painting, plating, or attempting to modify; parts altered in any way cannot be returned.

This bracket is designed to be used with the non-metric GM (Type 1) pumps with integrated reservoir, as well as remote-reservoir pumps, both of which CPP offers along with correct pulleys for your particular application. Stock “riveted” balancer (crankshaft) pulley on the early 265s will not work/align with any of the various power steering pump pulleys—and the pulley hole patterns are different from later, threaded-hole balancers. You will need to swap your balancer to an updated 6-1/8” balancer (CPP #18-34) in order to accept a bolt-on pulley. And if the crank snout is not already threaded, you will want to drill and tap for 7/16-20 harmonic balancer bolt. See additional instructions for crankshaft modification and balancer installation.



1

2. Unbolt stock bracket; replace with #PS808 using supplied cap screw Allens and lock washers. Install new motor mounts at this time if necessary. (Fig. 3)



3



4



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Instructions:

1. Securely support the engine before removing stock engine mount bracket. PS808 will install directly in place of the OE bracket. (Fig. 2)



2

3. Loosely install the power steering pump (the open hooked end attaches to the lower rear stud on the pump, while the front bolts directly to pump as illustrated in Fig. 4).

4. Loosely attach the adjusting arm bracket to the front of the pump and the engine. For “short” water pump applications, the dogleg points towards the pump; for “long” water pump applications, the dogleg in the bracket goes towards the engine. (Fig. 5)

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#PS808 - Installation Instructions (Continued)



6. Verify the fit of your belts with the bracket positions; generally, a 15466 sized V-belt works best with a #CP38810 (PS pump), #CP38813 (dual-groove water pump), and #CP38811 crank pulley configuration. Tighten all bolts/nuts and adjust the belt tension as normal. (Fig. 8)



5. Typically, the adjusting arm will mount off the "lower" water pump bolt (especially to allow space for generator/alternator bracket arm); however, in some cases the upper location can be used. (Figs. 6-7)

