

#PS301 - Installation Instructions

Power Steering Pump Bracket for Small Block Chevy V8

Notes:

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

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

This bracket is designed to be used with the non-metric GM (Type 1) pumps with integrated reservoir. Most pre-'69 pumps have a single-groove pulley attached with a nut; the later V-8 pumps have either a single- or double-groove pressed on pulley. Both types may be used. Most short water pump applications use a separate crankshaft power steering pulley that bolts on top of the existing pulley; this should align with the power steering pump pulley.

On "front-steer" vehicles, teardrop-style pump reservoirs will have extremely limited adjustment and possible interference with return line barbed fitting (between block in "high" position and crossmember in "low" mount).



Instructions:

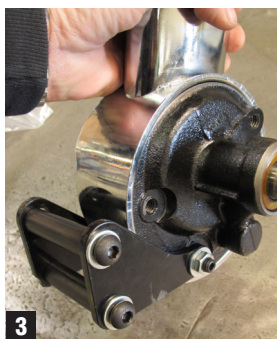
1. Loosely attach the lower bracket assembly to power steering pump using the threaded stud protruding from the rear and the supplied Allen stud installed into the front of the pump. (Fig. 1)

2. There are two options for mounting the lower bracket: "high" and "low" positions. The orientation of the bracket (in relation to the outer

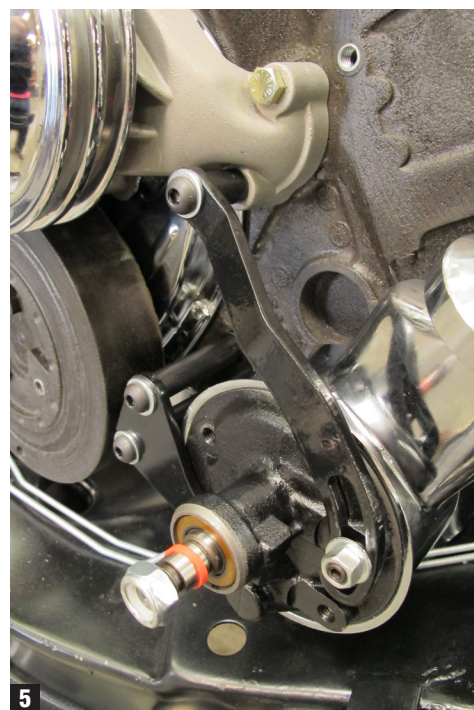
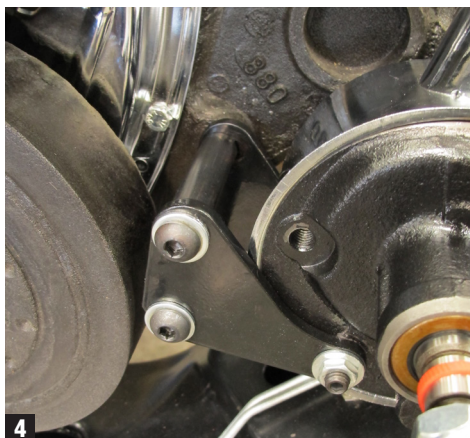


hole that attaches to the pump) determines the position, as illustrated in Fig. 2 (High) & 3 (Low).

3. Install the pump onto the engine block's threaded holes nearest the timing cover, below the left-side freeze plug. (Fig. 4)



4. Loosely attach the adjusting arm bracket to the front of the pump and the engine. For "long" water pump applications, the dogleg in the bracket goes towards the engine; for "short" water pump applications, the dogleg points away from the engine. A 1/8" washer may need to be used between the spacer on short pumps as well. (Fig. 5)



5. Verify the fit of your belts with the bracket positions; tighten all bolts/nuts and adjust the belt tension as normal.

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#PS301 - Installation Instructions (Continued)

