

# 454-PSBRKT-C-SERP Instructions Rev C

Item	QTY	Application
7/16-14 X 4.5" SHCS	2	Bracket to Block
3/8-16 X 1.0" HHS	2	Various Locations; Pump to Bracket
3/8-16 X 1.25" HHS	1	Pump to Bracket; Adjustable
.44" Spacer (6257722-044)	1	Spacer between Pump and Bracket
.320 Spacer (10007722-312)	2	Spacer between rear support and block
2.75" Spacer (6957722-2750)	2	Spacer between main bracket and rear support
3/8 SAE Washer	6	Optional Washers; Various Locations
454577-R	1	Rear Support Bracket
454577-C	1	Main Bracket; Front
<b>Total Parts</b>	<b>18</b>	SHCS = Socket Head; HHS = Hex Head 8X6X2 BOX



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Racing!

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installation videos and other tips for your  
new CVF Product. Note: This bracket is for  
serpentine applications only.

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**Step 1:** Remove old power steering bracket.

**Step 2:** Attach front and rear support bracket to the block using 4.5" SHCS. Use the 2.75" spacers between the brackets. The .320 spacer will be used between the rear support bracket and the block.

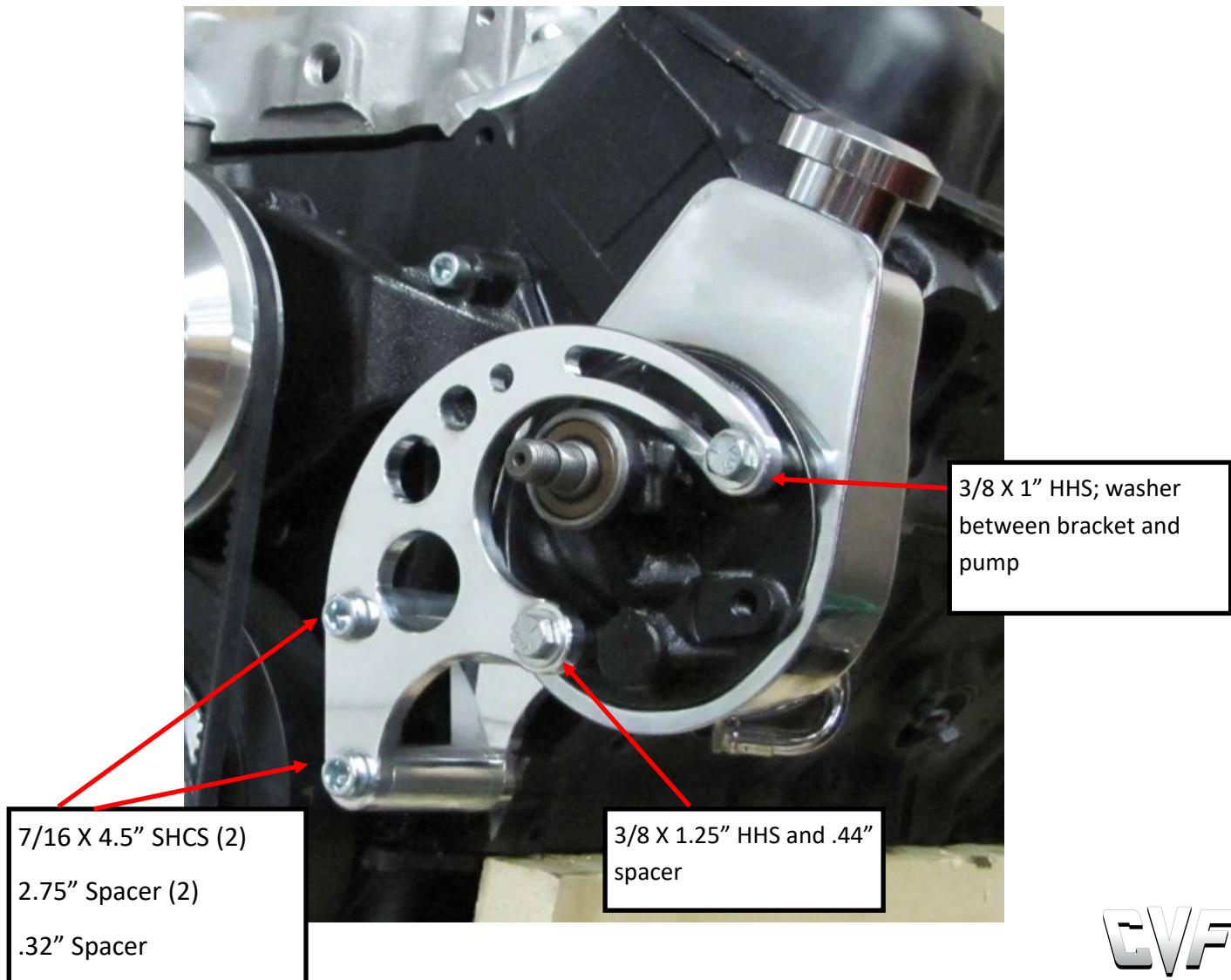
**Tech Tip:** Do not tighten bolts completely until all have been started!

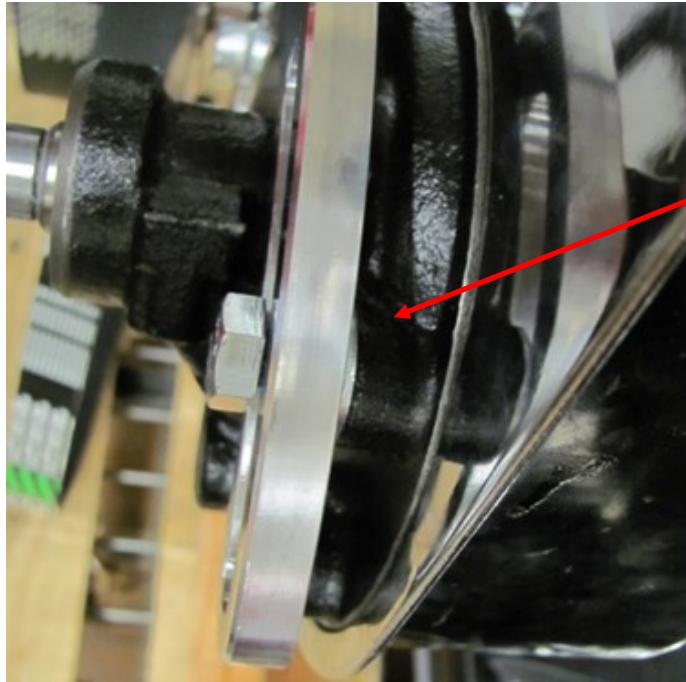
**Step 3:** Attach the power steering pump to the main bracket. Use the 1" HHS in the top location. Do not tighten completely. This bolt will be loosened and tightened to tension the belt. Use a spacer if there is clearance with the power steering pulley (not required). Use the 1.25" HHS bolt with the .44 spacer to secure the bottom of the pump to the bracket.

**Step 4:** Secure the pump to the rear support bracket using the last 1" HHS and a washer. You may need to unscrew a mounting stud from the back of the power steering pump.

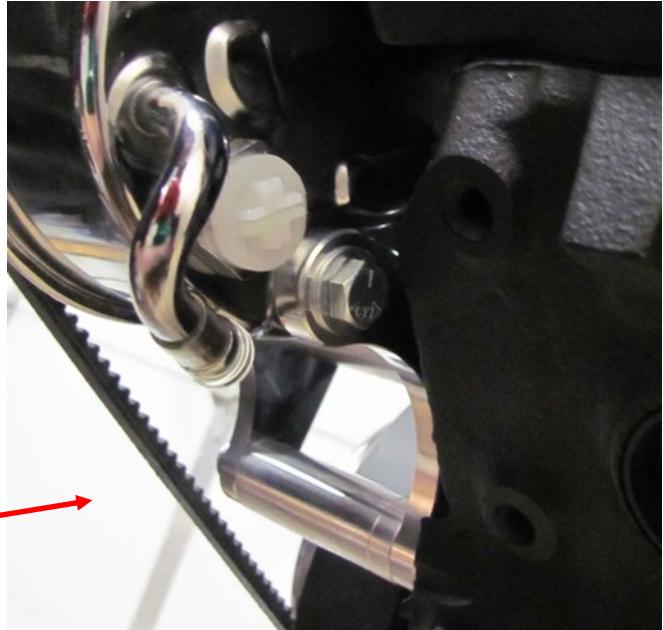
**Step 5:** Tighten all bolts except for the front 1" HHS needed for belt tensioning.

**Step 6:** Install the power steering pulley (S-SBC2PS for Keyway pumps; S-SBC2PS-P for press fit). Route your belt. Sliding the pump side to side will increase and decrease belt tension. Due to a mounting boss, you will only have 1-2" of adjustability.

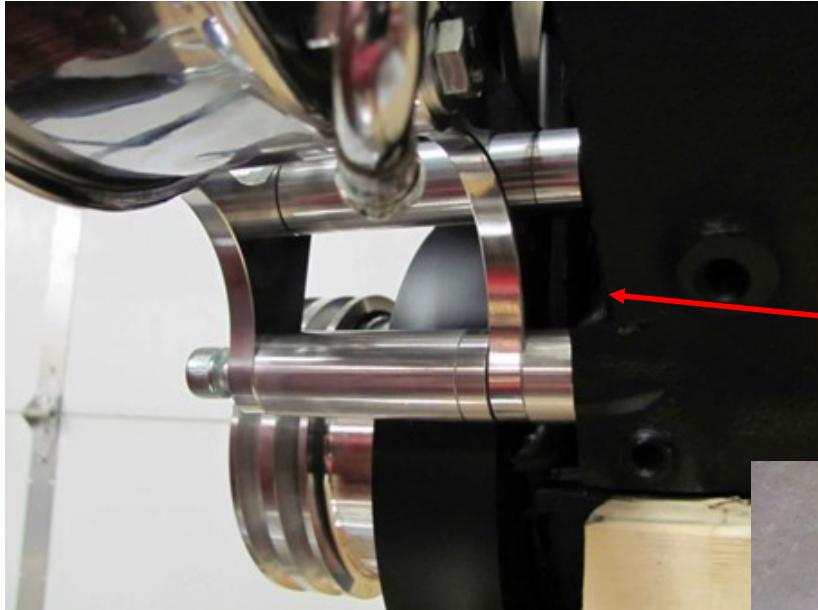




Top view: Main bracket: Top Belt Tensioning hole with 1" HHS and washer between pump and bracket.



Rear View: 1" HHS and washer securing back of pump to rear support bracket



Side view stacked as shown:  
4.5" SHCS, Main Bracket, 2.75"  
Spacer, rear support bracket, .320"  
spacer, secured to block.

**CVF**

Low Pressure Fitting Must  
Be on Lower Right

