

PONT-PSBRKT Instructions Rev H

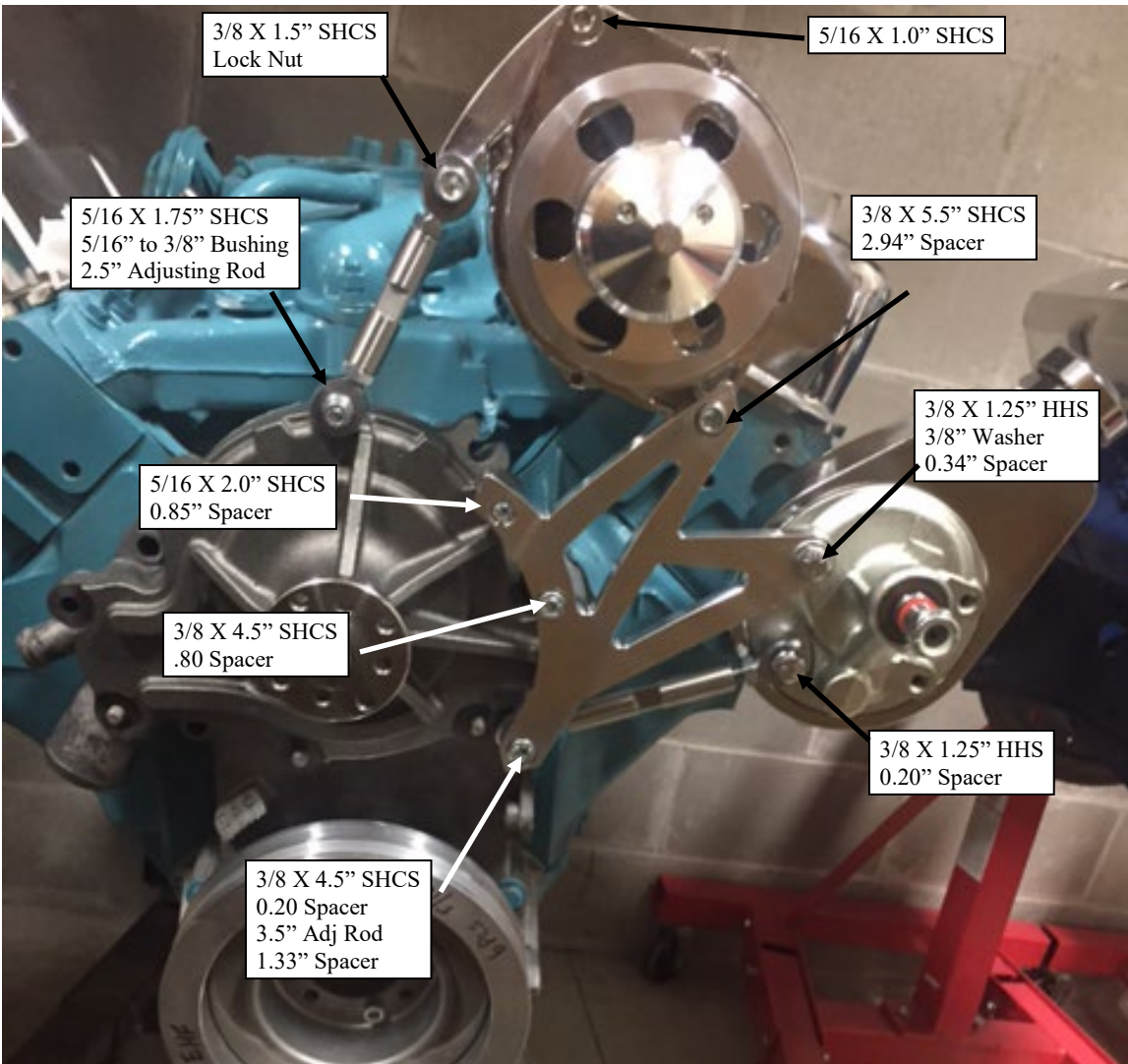
Pontiac Power Steering Bracket Parts List			
Item	Description	Qty	Comments
1	3/8-16 X 1.50" SHCS	1	Adjusting Rod to Alternator Relocation Bracket Bolt
2	3/8-16 X 2.00" SHCS	1	Rear Support to PS Pump
3	3/8-16 X 4.50" SHCS	2	Middle & Bottom Bracket Bolt
4	3/8-16 X 5.50" SHCS	1	Alternator to Cylinder Head Bolt
5	5/16-18 X 1.00" SHCS	1	Alt. Relocation Bracket to Alt.
6	5/16-18 X 1.75" SHCS	1	Adj Rod to Water Pump
7	5/16-18 X 2.00" SHCS	1	Bracket to WP (Top Bolt)
8	3/8-16 X 1.25" HHS	3	Power Steering Rear Support to Cylinder Head Bracket to Power Steering Pump Adjusting Rod to Power Steering Pump
9	235763-250-ASM	1	Alternator Adjusting Rod
10	235763-350-ASM	1	Power Steering Adjusting Rod
11	6257722-080 Spacer	1	Spacer Btwn Bracket and Water Pump (Middle Bolt)
12	6257722-034 Spacer	1	Spacer Btwn PS Pump and Bracket (Top-Front Bolt)
13	6257722-133 Spacer	1	Spacer Btwn Adj Rod & Timing Cover (Bottom Brkt Bolt)
14	6257722-085 Spacer	1	Spacer between Bracket and Water Pump (Top Bolt)
15	6257722-294 Spacer	1	Spacer between Alternator and Cylinder Head
16	7327722-020 Spacer	2	Spacer Btwn Adj Rod and PS Pump and Bottom Bolt
17	3/8-16 x .468 Lock Nut	1	Lock Nut on Alternator Relocation Bolt
18	3/8" SAE Washer	2	Under Power Steering Bolt (Top Front) Under Rear Support Bracket Bolt on Cyl Head
19	1.25" Aluminum Spacer PN 1007722-1250	1	Spacer Btwn Rear Support and PS Pump
20	7632874 Bushing	1	3/8" to 5/16" Bushing for Adjusting Rod Bolt
21	.500 Aluminum Spacer PN 1007722-500	1	Spacer Btwn Rear Support and Cylinder Head
22	P/N 766877-8H	1	Power Steering / Alternator Bracket
23	P/N 2587356-P	1	Extension Bracket that Attaches to Top of Alternator
24	P/N 454777	1	Rear Support Bracket for Power Steering Adjustment
	Total Parts	29	8x6x2 BOX
Notes: SHCS = Socket Head Cap Screw HHS = Hex Head Screw			

Step 1: Remove water pump pulley and old alternator / power steering bracket.

Step 2: Attach Alternator Extension Bracket to Alternator using 5/16-18 X 1" SHCS. Tighten this bolt.

IMPORTANT: Do not tighten any other bolts until the end.





Step 3: Attach Alternator Bracket Assembly to water pump using:

Top Bolt: 5/16 X 2.0" SHCS and 0.85" Spacer

Middle Bolt: 3/8 X 4.5" SHCS and 0.80" Spacer

Bottom Bolt: 3/8 X 4.5" SHCS, 0.20" Spacer, Adj Rod, & 1.33" Spacer

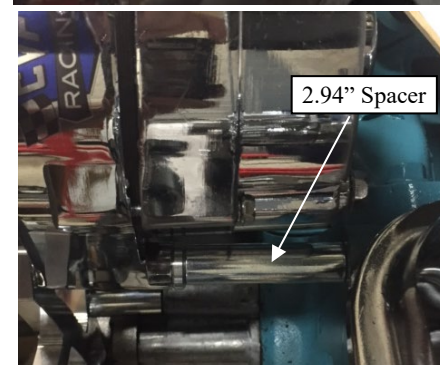
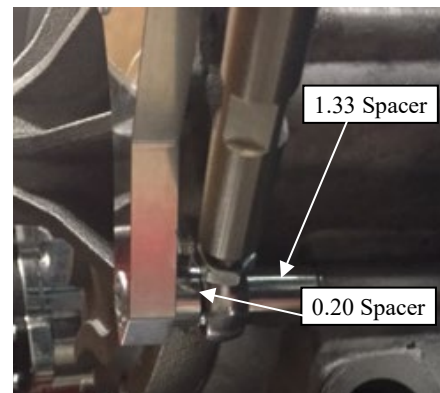
Note: Adjusting Rod goes between the two spacers

Step 4: Attach 3.5" Adjusting Rod to water pump using 5/16 X 1.75" SHCS, and Bushing.

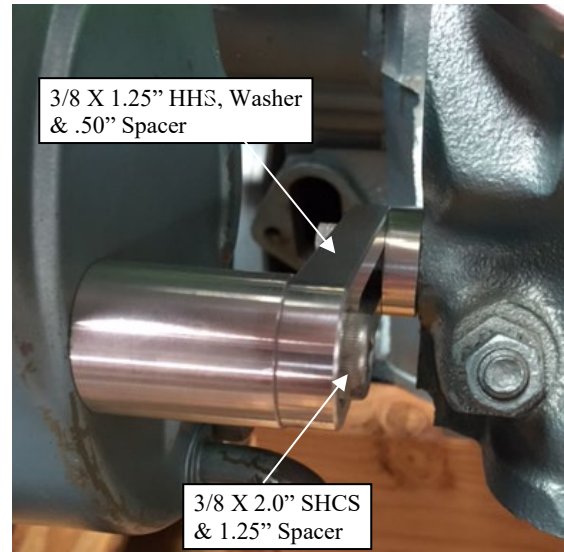
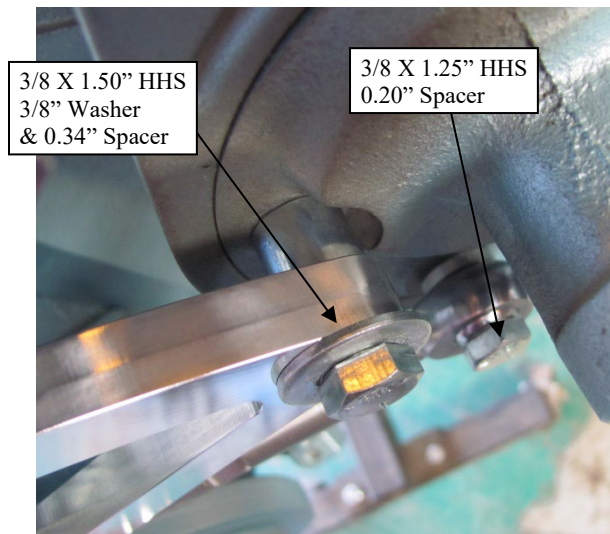
Step 5: Install alternator using 3/8 X 5.5" SHCS with 2.94" spacer between alternator and head.

Step 6: Attach Adjusting Rod to alternator relocation bracket using 3/8 X 1.5" SHCS and Lock Nut.

Step 7: Attach Power Steering Pump to Bracket using 3/8 X 1.50" HHS, 3/8" Washer and 0.34" Spacer. Note: Spacer should be between bracket and Pump.



Step 8: Attach 3.5" Adjusting Rod to Power Steering pump using 3/8-16 X 1.50" HHS. Place 0.200 Thick Spacer between Adjusting Rod and Power Steering Pump.



Step 9: Attach Rear Support Bracket to Cylinder head using 3/8 X 1.25" HHS and SAE Washer with 0.50" Spacer between bracket and cylinder head.

Step 10: Remove top bolt or stud from the back of power steering pump and attach 1.25" Spacer and Power Steering Rear Support Bracket to the Rear of the Pump using 3/8 X 2.0" SHCS. (The round hole should attach to the pump - use the slot to attach to the head)

Step 11: Tighten all bolts except the ones that will need to move during belt tensioning. Install belt, set proper belt tension and tighten all remaining bolts.

If using CVF Racing Pulleys, use a Series 15 belt (13/32" wide at the top). To determine the proper length, cut your old belt and use it to measure. Most auto parts stores sell these belts in 1" increments.