

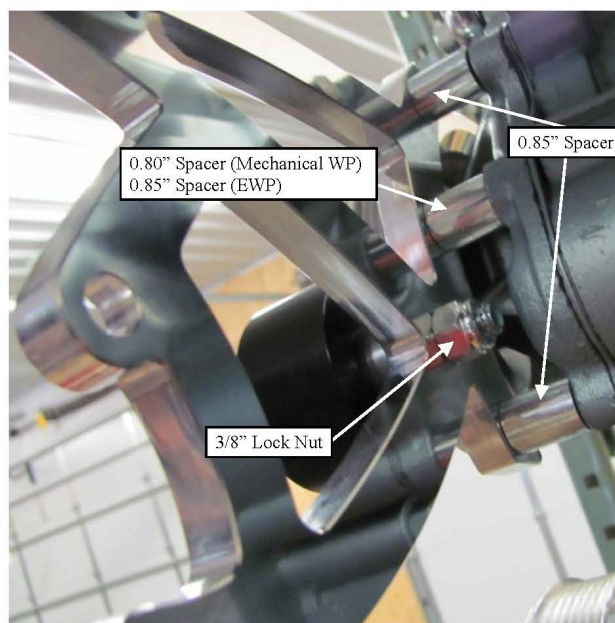
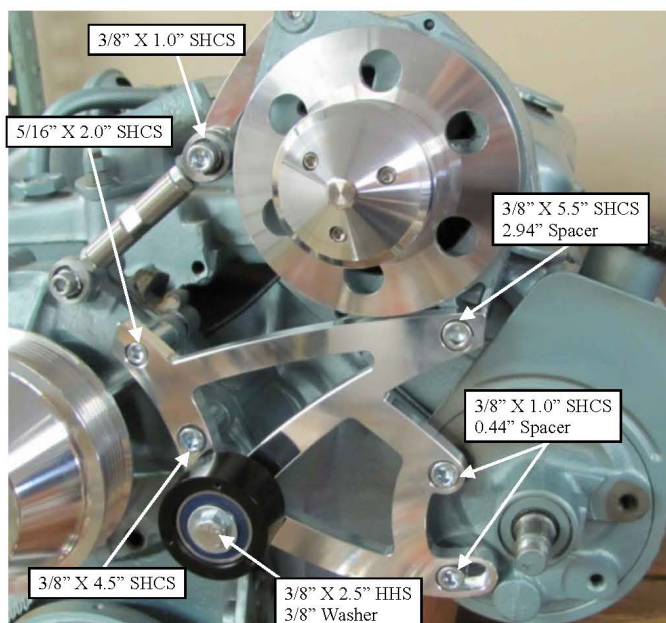


PONT-PSBRKT-SERP Instructions Rev E

Pontiac Power Steering Bracket Parts List

Item	Description	Qty	Comments
1	3/8-16 X 1.00" SHCS	3	Adjusting Rod to Alternator Relocation Bracket Bolt Bracket to Power Steering Pump (Both Bolts)
2	3/8-16 X 2.00" SHCS	1	Rear Support to PS Pump
3	3/8-16 X 4.50" SHCS	1	Middle Water Pump 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 2.00" SHCS	3	Bracket to WP (Top & Bot) and Adj Rod to Water Pump
7	3/8-16 X 1.25" HHS	1	Power Steering Rear Support to Cylinder Head
8	3/8-16 X 2.50" HHS	1	Idler Pulley to Bracket
9	3/8-16 Lock Nut	1	Idler Pulley Bolt (back)
10	3/8" SAE Washer	2	Washer for Idler Pulley Bolt
11	3/8" USS Washer	1	Under Power Steering Bolt (Top Front)
12	Adjust Rod - 2.5" length	1	Alternator and Power Steering Adjusting Rods
13	0.44" X 0.625" OD Spacer	2	Spacer Btwn PS Pump & Bracket (both bolts)
14	0.80" X 0.625" OD Spacer	1	Spacer between Bracket and Water Pump (Middle Bolt)
15	0.85" X 0.625" OD Spacer	3	Spacer Btwn Bracket & Water Pump (Top & Bottom Bolt)
16	2.94" X 0.625 OD Spacer	1	Spacer between Alternator and Cylinder Head
17	0.32" Aluminum Spacer PN 1007722-320	1	Spacer Btwn Rear Support and Cylinder Head
18	1.25" Aluminum Spacer PN 1007722-1250	1	Spacer Btwn Rear Support and PS Pump
19	P/N S-766877	1	Main Bracket
20	P/N 2587356-P	1	Extension Bracket that Attaches to Top of Alternator
21	P/N 454777	1	Rear support Bracket for Power Steering Adjustment
22	#8 X 0.5" SHCS	3	Idler Pulley Cap Screws
23	Idler Pulley Cap (722227-4)	1	Idler Pulley Cap
24	Idler Pulley Assembly with Bearings	1	Idler Pulley
Total Parts		33	

Notes: SHCS = Socket Head Cap Screw, HHS = Hex Head Screw





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

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

IMPORTANT: Do not tighten any bolts until the end.

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

Top Bolt: 5/16 X 2" SHCS and 0.850" Spacer
 Middle Bolt: 3/8 X 4.5" SHCS and 0.800" or 0.850" Spacer
 Bottom Bolt: 5/16 X 2" SHCS and 0.850" Spacer



Step 4: Attach Alternator Adjusting Rod to water pump using 5/16 X 2" SHCS

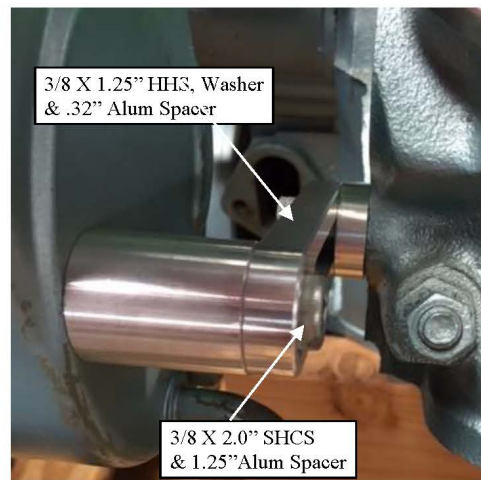
Step 5: Install alternator using 3/8 X 5.5" SHCS with 2.940" Spacer between alternator and head.

Step 6: Attach Adjusting Rod to alternator relocation bracket using 3/8 X 1" SHCS.

Step 7: Remove top bolt or stud from the back of power steering pump and attach 1" Aluminum Spacer and Power Steering Rear Support Bracket to the Rear of the Pump using 3/8 X 2.0" SHCS. (Round hole should attach to the pump - use the slot to attach to the head)

Step 8: Attach Power Steering Pump to Bracket using 2 pcs of 3/8 X 1.0" SHCS and 0.44" Spacer. Note: Spacer should be between bracket and Pump.

Step 9: Adjust Power Steering pump angle to desired position and tighten all power steering bolts.



Step 10: Attach Rear Support Bracket to Cylinder head using 3/8 X 1.25" HHS and SAE Washer with 0.320" Aluminum Spacer between bracket and cylinder 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 66.5" 8 Rib Belt