

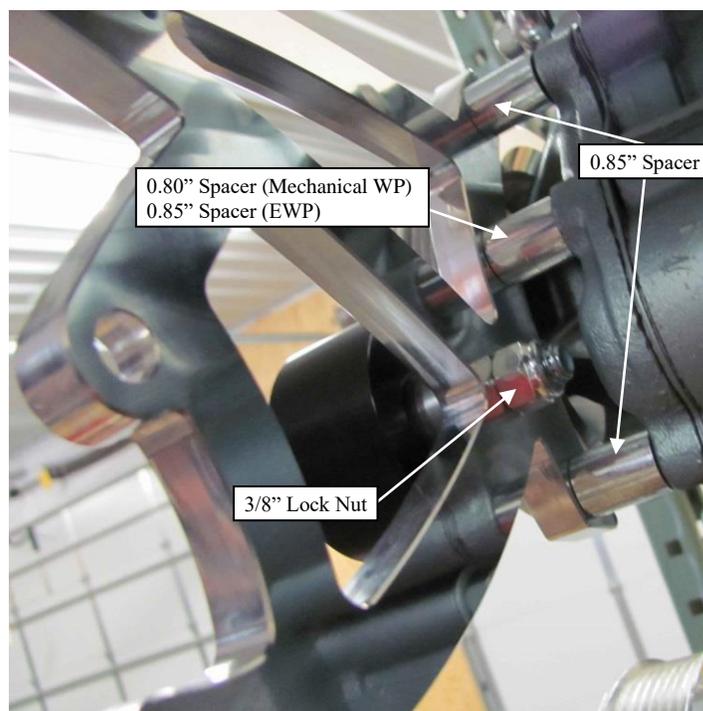
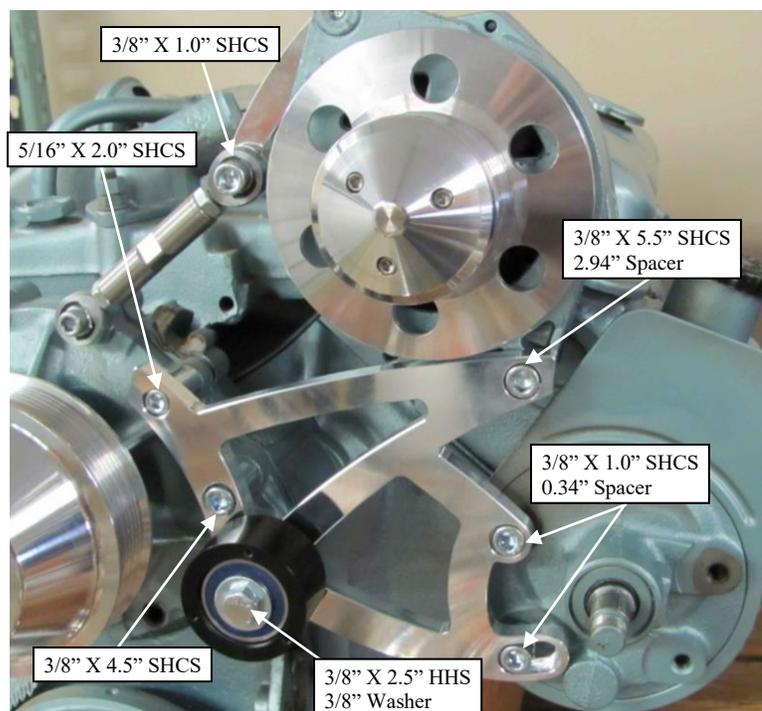


PONT-PSBRKT-SERP Instructions Rev F

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	0.34" 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	0.50" Aluminum Spacer PN 1007722-500	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	34	10X8X2 BOX

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

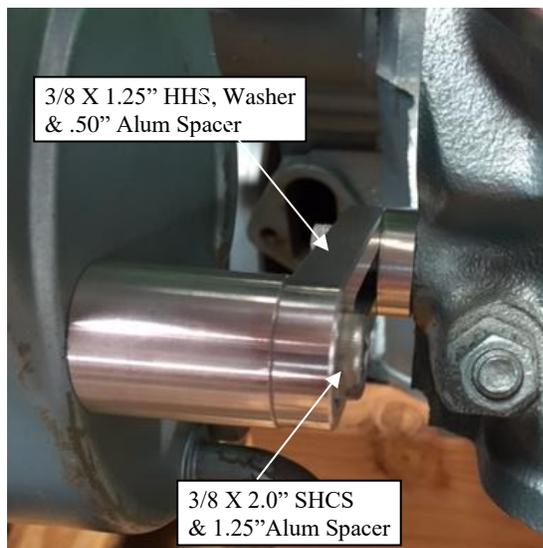
Step 5: Install alternator using 3/8 X 5.5" SHCS with 2.940" Spacer between alternator and head.

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 0.34" 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.