PONT-PSBRKT Instructions Rev G

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	1	Power Steering Rear Support to Cylinder Head
9	3/8-16 X 1.50" HHS	2	Bracket to Power Steering Pump Adjusting Rod to Power Steering Pump
10	Adjust Rod - 2.5" length	1	Alternator Adjusting Rod
11	Adjust Rod - 3.5" length	1	Power Steering Adjusting Rod
12	0.80" X 0.625" OD Spacer	1	Spacer Btwn Bracket and Water Pump (Middle Bolt)
13	0.34" X 0.625" OD Spacer	1	Spacer Btwn PS Pump and Bracket (Top-Front Bolt)
14	1.33" X 0.625" OD Spacer	1	Spacer Btwn Adj Rod & Timing Cover (Bottom Brkt Bolt)
15	0.85" X 0.625" OD Spacer	1	Spacer between Bracket and Water Pump (Top Bolt)
16	2.94” X 0.625 OD Spacer	1	Spacer between Alternator and Cylinder Head
17	0.20” Aluminum Spacer	2	Spacer Btwn Adj Rod and PS Pump and Bottom Bolt
18	3/8” Lock Nut	1	Lock Nut on Alternator Relocation Bolt
19	3/8” SAE Washer	2	Under Power Steering Bolt (Top Front) Under Rear Support Bracket Bolt on Cyl Head
20	1.25” Aluminum Spacer PN 1007722-1250	1	Spacer Btwn Rear Support and PS Pump
21	7632874 Bushing	1	3/8” to 5/16” Bushing for Adjusting Rod Bolt
22	.500 Aluminum Spacer PN 1007722-500	1	Spacer Btwn Rear Support and Cylinder Head
23	P/N 766877-8H	1	Power Steering / Alternator Bracket
24	P/N 2587356-P	1	Extension Bracket that Attaches to Top of Alternator
25	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” Steel 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 Aluminum 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” Aluminum Spacer between bracket and cylinder head.

Step 10: Remove top bolt or stud from the back of power steering pump and attach 1.25" Aluminum 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 autoparts stores sell these belts in 1” increments.