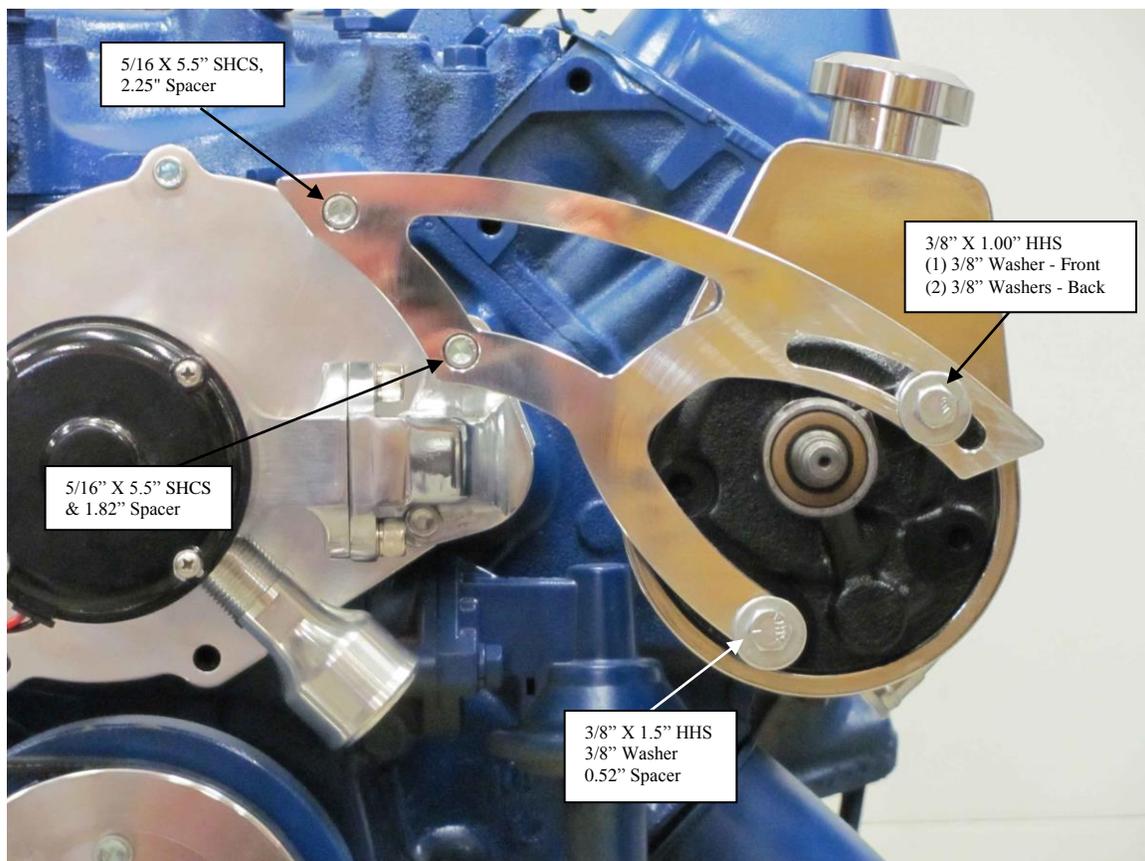


460-PSBRKT-EWP Instructions (Saginaw PS Pump) Rev C

Ford 429-460 Power Steering Bracket Parts List – Electric Water Pump			
Item	Description	Qty	Comments
1	5/16-18 X 5.50" SHCS	2	Main Bracket to Water Pump Pump Bolts
2	7/16-14 X 2.00" SHCS	1	Rear Support Bracket to Cylinder Head
3	3/8-16 X 1.00" HHS	1	Bracket to Power Steering Pump (Top)
4	3/8-16 X 1.50" HHS	1	Bracket to Power Steering Pump (Bottom)
5	3/8-16 X 2.00" HHS	1	Rear Support Bracket to Power Steering Pump
6	3/8" USS Washer	5	Washer for mounting pump to Bracket (2) Washer between bolt and Rear Support Bracket (1)
7	1.00" X 1.0" Dia Aluminum Spacer	1	Spacer between Rear Support Bracket and PS Pump
8	1.25" X 1.0" Dia Aluminum Spacer	1	Spacer between Rear Support Bracket and Cylinder Head
9	0.52" X .625" Dia Spacer	1	Spacer between Main Bracket and Steering Pump
10	1.82" X .625" Dia Spacer	1	Spacer between Main Bracket and Water Pump (Bottom)
11	2.25" X .695" Dia Spacer	1	Spacer between Main Bracket and Water Pump (Top)
12	0.20" Aluminum Spacer	1	Optional Spacer Between Main Bracket and Water Pump
13	P/N 4605777	1	Rear Support Bracket that Bolts to Back of PS Pump
14	P/N 460977-E	1	Main Bracket that Bolts to Front of PS Pump
	Total Parts	19	

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



Step 1: Remove old power steering bracket.

Step 2: Attach Main Power Steering Bracket to Water Pump using 5/16" X 5.5" SHCS. Use 2.25" steel spacer between bracket and water pump on top bolt and 1.82" steel spacer on bottom bolt.

Note: Due to varying water pump flange thickness you may or may not need the 0.20" Spacer.

IMPORTANT: Do not tighten any bolts until the end.

Step 3: Attach power steering pump to main bracket using:

Top Bolt:

3/8" X 1.5" HHS

3/8" Washer under Bolt

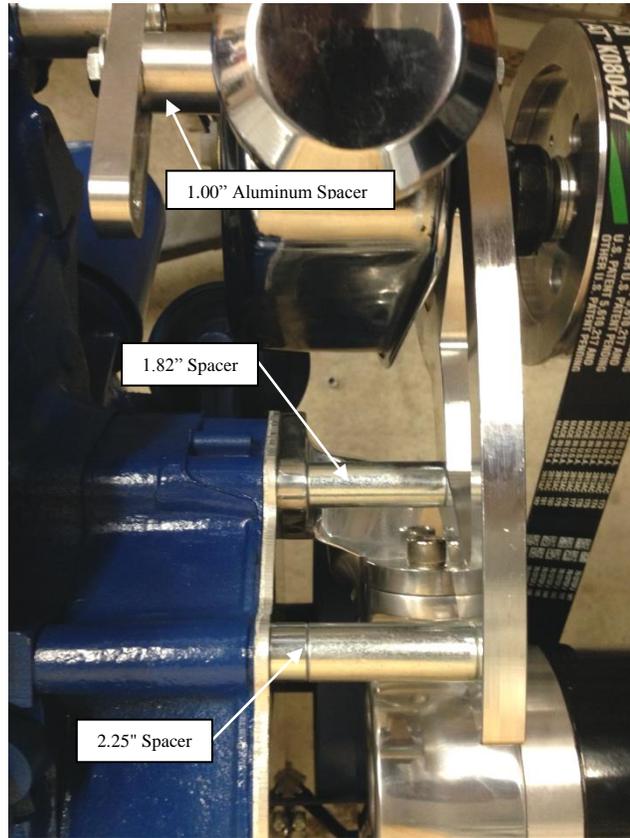
3/8" Washers (2) between bracket and pump

Bottom Bolt:

3/8 X 1.00" HHS

3/8" Washer under Bolt

0.52" Steel Spacer between bracket and pump



Step 4: Attach rear support bracket to cylinder head using 7/16" X 2.0" SHCS with 1.25" Aluminum Spacer between bracket and cylinder Head.

Step 5: Attach rear support bracket to power steering pump using 3/8" X 2.00" HHS, 3/8" Washer and 1.00" Aluminum Spacer between bracket and pump.

Step 6: Tighten all bolts except the ones that will need to move during belt tensioning.

Step 7: Install belt, set proper belt tension and tighten all remaining bolts.

