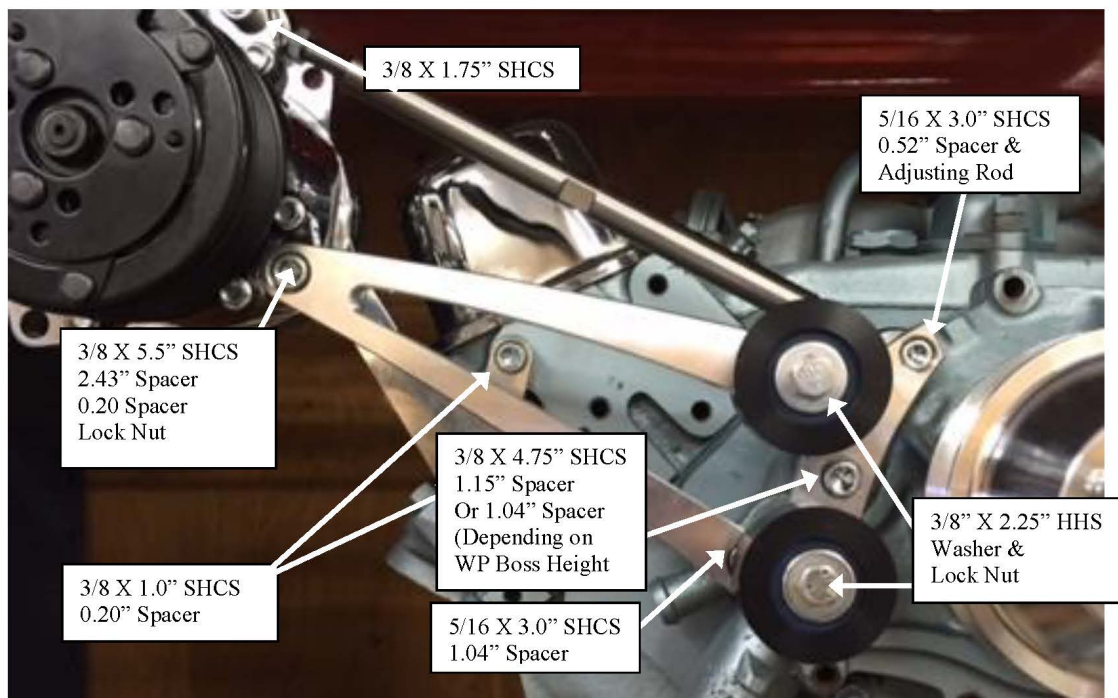




PONT-ACBRKT-SERP Instructions Rev E

Pontiac Air Conditioning Bracket Parts List			
Item	Description	Qty	Comments
1	3/8-16 X 1.0" SHCS	2	Rear support bracket to cylinder head
2	3/8-16 X 1.75" SHCS	1	Adjusting Rod to Compressor Bolt
3	3/8-16 X 4.75" SHCS	1	Middle Water Pump Bolt
4	3/8-16 X 5.5" SHCS	1	Compressor to AC Brackets
5	5/16-18 X 3" SHCS	2	Top & Bottom WP Bolts
6	3/8" Lock Nut	4	Adjusting Rod to Compressor and Compressor to Bracket & Idler Pulleys
7	Adjust Rod – 8.25" length	1	Compressor Tension Adjusting Rod
8	3/8-16 X 2.25" HHS	2	Idler Pulley Bolts
9	3/8 SAE Washer	2	Idler Pulley Washer
10	#8-32 X 0.5" SHCS	6	Cap Screws for Idler Pulleys
11	Idler Pulley with Bearings	2	Idler Pulleys
12	Idler Pulley Cap (722227-4)	2	Idler Pulley Covers
13	1.04" X .625" OD Spacer	2	Spacer between Bracket and Water Pump (Bottom Bolt)
14	1.15" X .625" OD Spacer	1	Spacer between Bracket and Water Pump (Middle Bolt)
15	0.52" X .625" OD Spacer	1	Spacer between Bracket and Water Pump (Top Bolt)
16	2.430" X 0.625 OD Spacer	1	Spacer between Compressor and Rear Support Bracket
17	0.20 Aluminum Spacer	3	Spacer between Compressor and Rear Support Bracket Spacers between Cylinder Head and Rear Support BRKT
18	P/N S-7668247	1	Main Pontiac Air Conditioning Bracket
19	P/N 7668247-R	1	Rear Support Bracket that Attaches to Cylinder Head
	Total Parts	36	
Notes: SHCS = Socket Head Cap Screw			





Step 1: Remove old AC bracket and Compressor.

Step 2: Attach Main AC Bracket to Water pump:

Top Bolt: 5/16 X 3" SHCS, .052" Spacer & Adj Rod
 Middle Bolt: 3/8 X 4.75" SHCS and 1.15" Spacer or 1.04" Spacer depending on WP boss thickness.
 Bottom Bolt: 5/16 X 3" SHCS and 1.04" Spacer

IMPORTANT: Do not tighten any bolts until the end.

Step 3: Attach the rear support bracket to the cylinder head using two 3/8" X 1.0" SHCS and 2 aluminum spacers between bracket and head.

Step 4: Attach Adjusting Rod to compressor using 3/8 X 1.75" SHCS and lock nut.

Step 5: Attach Compressor to both brackets using 3/8 X 5.5" SHCS with 2.430" Spacer and 0.20 aluminum spacer between compressor and rear support bracket.

Step 6: Secure 3/8" lock nut to the back of the 5.5" bolt.

Step 8: 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.

