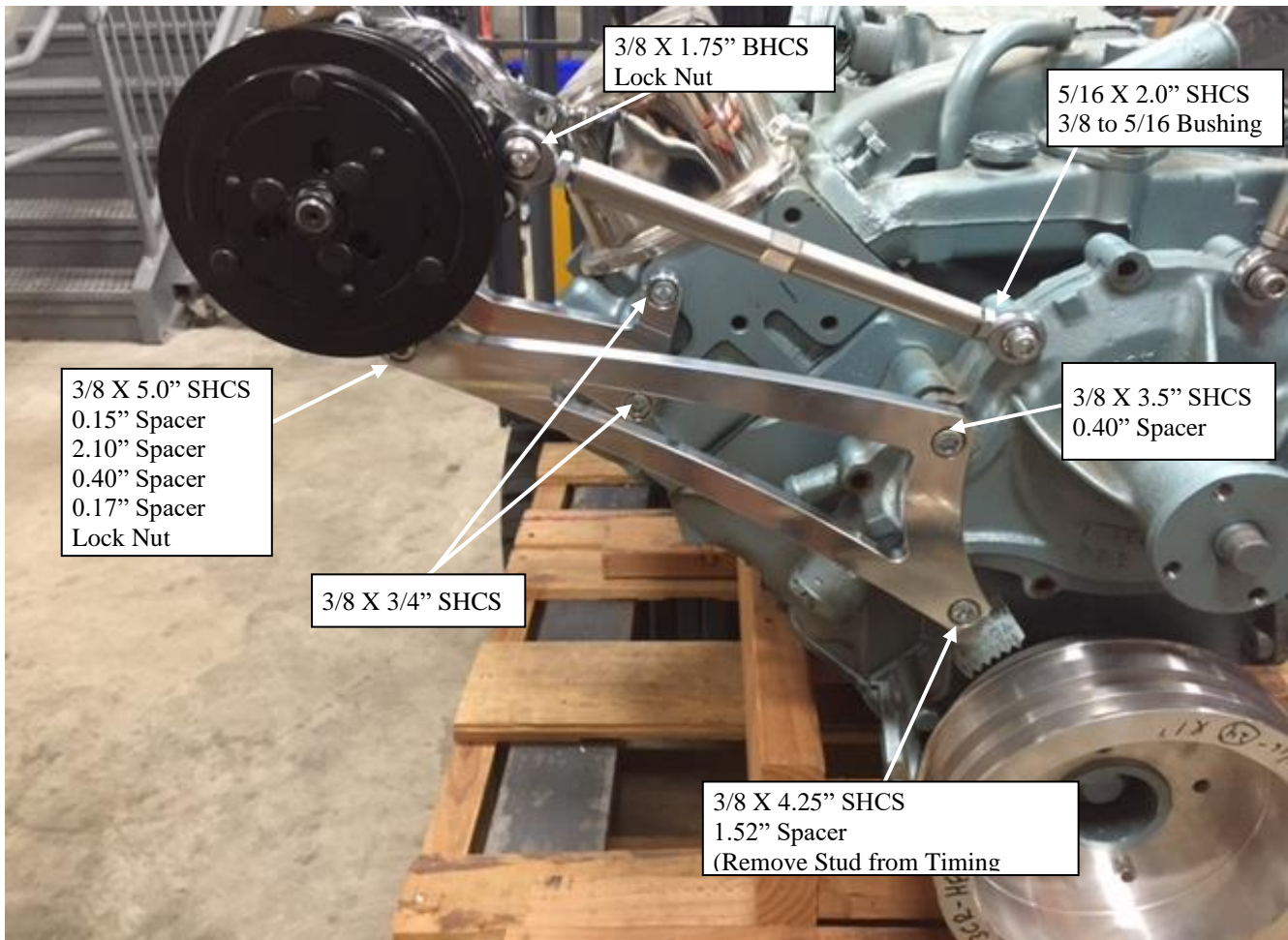


# PONT-ACBRKT-T Instructions Rev B

## Pontiac Air Conditioning Bracket Parts List

Item	Description	Qty	Comments
1	3/8-16 X 0.75" SHCS	2	Rear support bracket to cylinder head
2	3/8-16 X 3.50" SHCS	1	Top Bracket Bolt to Water Pump
3	3/8-16 X 4.25" SHCS	1	Bottom Bracket Bolt to Timing Chain Cover
4	3/8-16 X 5.00" SHCS	1	Compressor to AC Brackets
5	5/16-18 X 2.00" SHCS	1	Adjusting Rod Water Pump Bolt
6	3/8-16 X 1.75" BHCS	1	Adjusting Rod to Compressor Bolt
7	3/8-16 Lock Nut	2	Adjusting Rod to Compressor and Compressor to Bracket
8	Adjust Rod - 7.5" length	1	Compressor Tension Adjusting Rod
9	0.15" Spacer (PN 6257722-015)	1	Spacer between Bracket and Compressor
10	0.17" Spacer (PN 6257722-017)	1	Spacer between Bracket and Compressor
11	0.40" Spacer (PN 6257722-040)	2	Spacer between Bracket and Water Pump (Top Bolt) Spacer Between Compressor and Rear Bracket
12	1.52" Spacer (PN 6257722-152)	1	Spacer between Bracket and Timing Cover (Bottom Bolt)
13	2.10" Spacer (PN 6257722-210)	1	Spacer between Compressor and Rear Support Bracket
14	3/8" to 5/16" Bushing (PN 7632874)	1	Bushing for Adjusting Rod
15	P/N 7668247-8 AC Bracket	1	Main Bracket
16	P/N 7668247-RH AC Rear Support Bracket	1	Bracket that Attaches to Cylinder Head
	Total Parts	<b>19</b>	



Notes: SHCS = Socket Head Cap Screw & BHCS = Button Head Cap Screw

Step 1: Remove old AC bracket and Compressor (if applicable)

Step 3: Remove stud from timing chain cover

Step 3: Attach Main AC Bracket to Water pump:

Top Bolt: 3/8 X 3.5" SHCS and 0.40" Spacer

Bottom Bolt: 3/8 X 4.25" SHCS and 1.52" Spacer

Note: Some water pump castings may require minor grinding on the casting so that the bracket will sit flat on the spacers.

**IMPORTANT:** Do not tighten any bolts until the end.

Step 4: Attach the rear support bracket to the cylinder head using two 3/8" X 3/4" SHCS.

Step 5: Attach Adjusting Rod to compressor using 3/8 X 1.75" BHCS and lock nut. (Doing this step first will provide a solid handle for rotating the compressor)

Step 6: Attach Compressor to both brackets using 3/8 X 5.0" SHCS with 0.15" spacer, 2.10" spacer between compressor and rear support bracket.

Step 7: Install .40" spacer and 0.17" spacer between rear bracket and compressor. Secure 3/8" lock nut to the back of the 5.0" bolt.

Step 8: Attach adjusting rod to water pump using 5/16 X 2" SHCS and 3/8" to 5/16" bushing.

Step 9: 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.

To determine the proper length, cut your old belt and use it to measure. Most auto parts stores sell these belts in 1" increments.

