

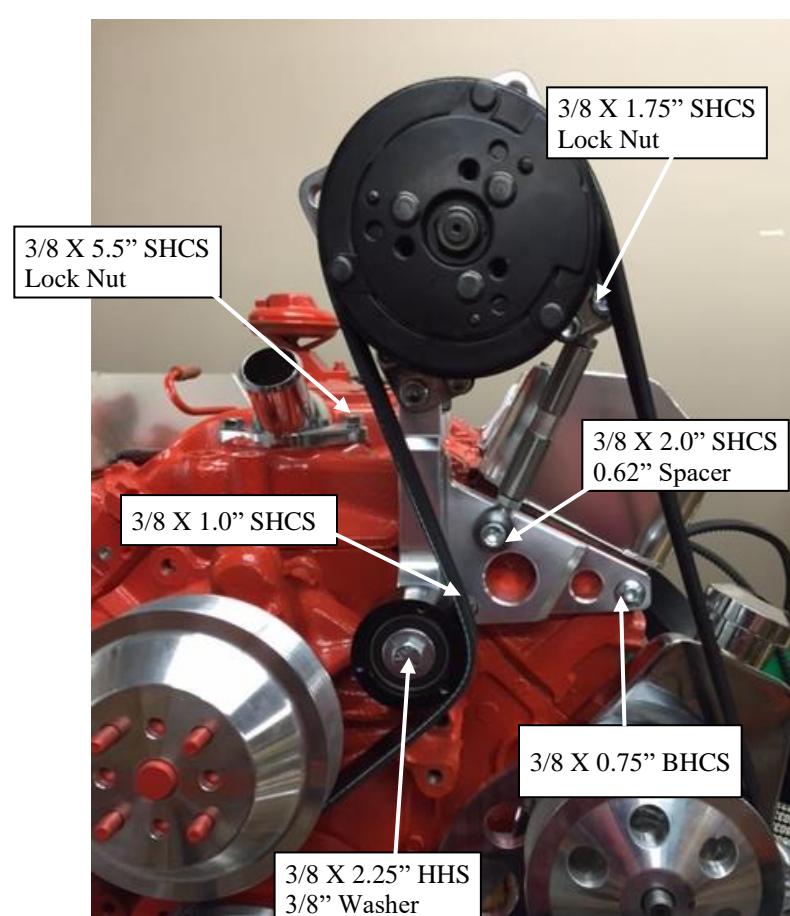
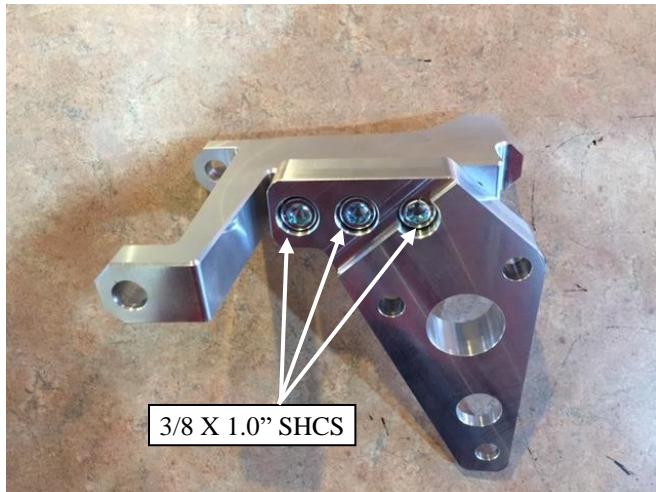


# 350-ACBRKT-SERP Instructions Revision C

## Chevy 350 Air Conditioning Compressor Bracket Parts List (Serpentine Applications)

Item	Description	Qty	Comments
1	3/8-16 X 1.00" SHCS	4	Rear Bracket to Front Bracket and Rear Bracket to Cylinder Head
2	3/8-16 X 1.75" SHCS	1	Adjusting Rod to Compressor
3	3/8-16 X 2.0" SHCS	1	Rear Bracket to Cylinder Head (Top Bolt)
4	3/8-16 X 5.5" SHCS	1	Compressor to AC Bracket
5	3/8" Lock Nut	2	Compressor Bolt Nuts
6	3/8-16 X 0.75" BHCS	1	Button Head Bolt - Bracket to Cylinder Head (outside bolt)
7	3/8-16 X 2.25" HHS	1	Hex Head Screw for Attaching Idler Pulley to Bracket
8	Adjust Rod - 3.5" length	1	Adjusting Rod
9	0.62" Steel Spacer (6257722-062)	1	Spacer Between adjusting Rod and Rear Bracket
10	3/8" SAE Washer	1	Washer for Idler Pulley
11	P/N 350247-D – AC Compressor Bracket	1	Main Compressor Bracket
12	P/N 350247-RD – AC Rear Bracket	1	Bracket that Attaches to the Cylinder Head
13	#8 X 0.5" SHCS	3	Idler Pulley Cap Screws
14	Idler Pulley Cap (722227-4)	1	Idler Pulley Cap
15	Idler Pulley Assembly with Bearings	1	Idler Pulley
	Total Parts	21	10X8X2 BOX

Notes: SHCS = Socket Head Cap Screw





Step 1: Attach the two brackets together using three 3/8 X 1.0" SHCS. (Note: Belt length and preferred mounting is with the compressor bracket as low as possible but some applications may require using the top set of bolts) Torque to 27-30 ft-lbs.

Step 2: Attach Bracket to cylinder head using 3/8" X 3/4" Button Head Bolt & 3/8" X 1" SHCS. Attach Adjusting Rod to Bracket and Cylinder Head using 3/8" X 2.0" SHCS and 0.62" Spacer.

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

Step 3: Attach compressor to bracket using 3/8" X 5.5" SHCS and Lock Nut.

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

Step 5: Attach Idler Pulley to bracket using 3/8" X 2.25" Hex Head Screw and 3/8" Washer – Use permanent strength Lock-Tite on this bolt and torque to 27-30 ft-lbs.

Step 6: 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.

CVF Racing Serpentine Systems will use 58 1/8" 8 Rib Belt for power steering and AC belt

