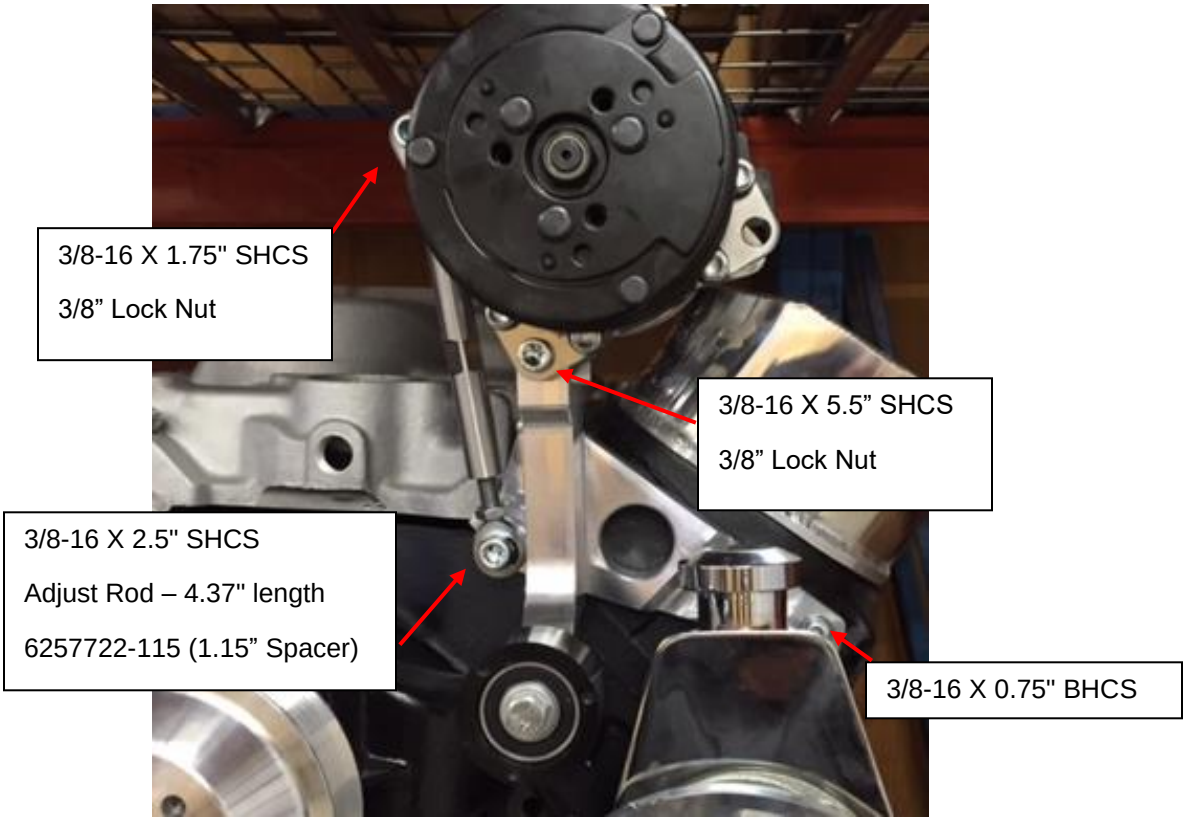
454-ACBRKT-SERP INSTALL INSTRUCTIONS Rev. E

Item	QTY	Application
3/8-16 X 1.00" SHCS	3	Rear bracket to front bracket
3/8-16 X 1.75" SHCS	1	Adjusting rod to compressor
3/8-16 X 2.5" SHCS	1	Rear bracket to head
3/8-16 X 5.5" SHCS	1	Compressor to AC Bracket
3/8" Lock Nut	2	Various locations
3/8-16 X 0.75" BHCS	1	Rear bracket to head
3/8-16 X 2.25" HHS	1	Idler pulley to bracket
Adjust Rod – 4.37" length	1	
6257722-115 (1.15" Spacer)	1	Spacer between rear bracket and adj rod
3/8" SAE Washer	1	Washer for Idler
454247-D	1	Front bracket, mounts to rear bracket
454247-RD	1	Rear bracket, mounts to plate
#8-32 X 0.5" SHCS	3	Idler cap bolts
722227-4 (Idler Cap)	1	
SERP-IDLER (Idler)	1	
Total	20	**SHCS** = Socket Head **BHCS** = Button Head



454-ACBRKT-SERP INSTALL INSTRUCTIONS Rev. E

1. Attach the two brackets together using (3) 3/8 x 1" SHCS. Secure tightly.
2. Attach the bracket assembly from step 1 onto your engine block on the right-hand side (US Passenger). The bottom right will use the 3/8 X .75" BHCS. The left side will mount with a 3/8 X 2.5" SHCS, 1.15" spacer, and the adjusting rod. The spacer will sit flush against the bracket.
    a. Tech Tip: Do not tighten any bolts completely until everything has been installed.
3. Install compressor using a locknut and 3/8 X 5.5" SHCS. If you look at the compressor with the ports straight up, the bottom right mounting hole is what will be used to hold it to the bracket.
4. Attach adjusting rod to compressor using the 3/8 x 1.75" SHCS and locknut.
5. Install the idler pulley to the forward hole on the front bracket. Use the 3/8 X 2.25" HHS and a washer to secure the idler. It is recommended to leave the decorative cap off until the belt has been installed.
6. Tighten all bolts.
7. Install belt (Gates K080610 is recommended). You will likely need the compressor adjusting rod to be completely relaxed.