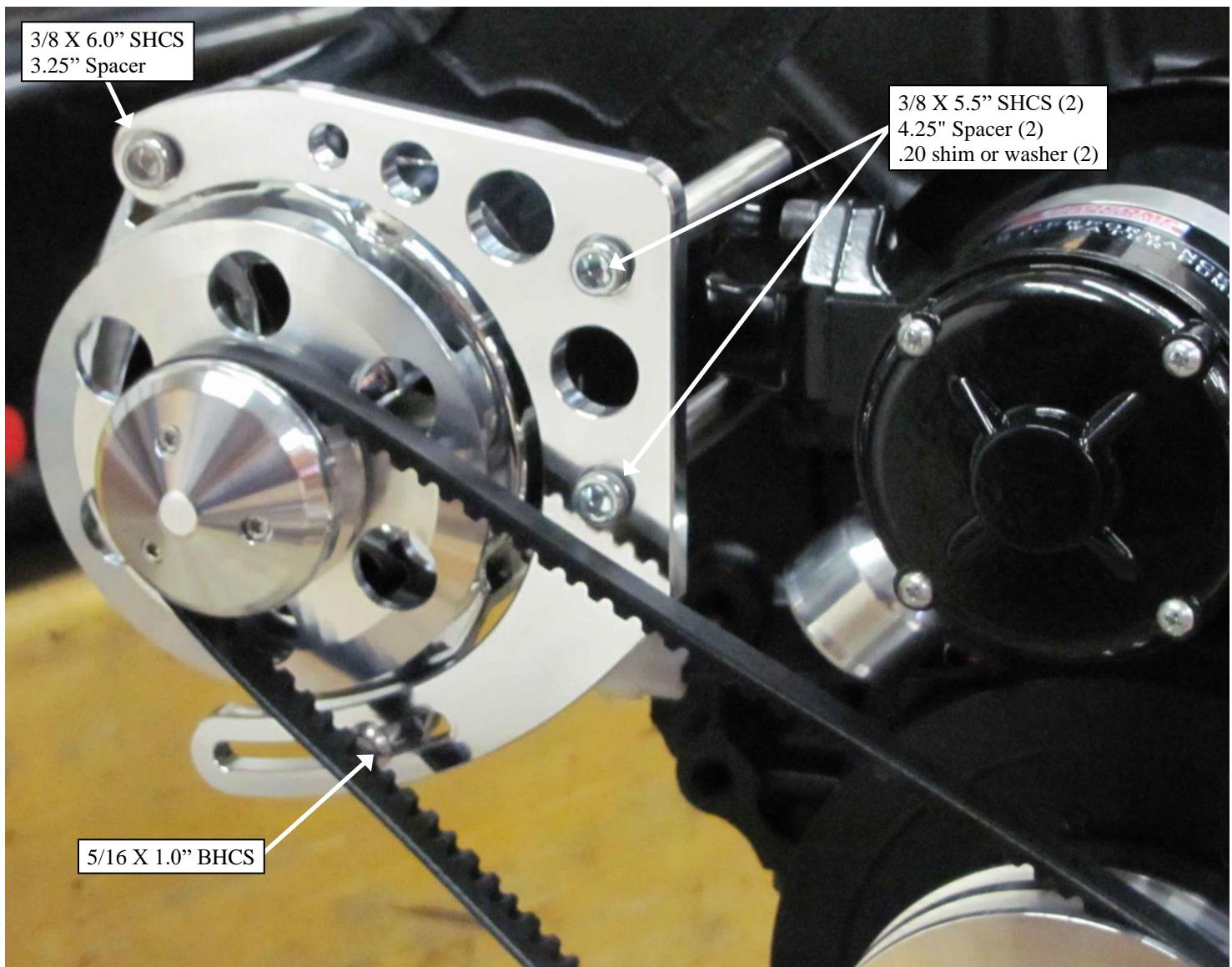


454-ALTBRKT-C-EWP Instructions Rev A

Chevy Big Block Alternator Bracket Parts List Electric Water Pump Applications

| Item | Description | Qty | Comments |
|------|---------------------------------------|-----------|---|
| 1 | 5/16-18 X 1.0" BHCS | 1 | Alternator Adjusting Bolt |
| 2 | 3/8-16 X 5.5" SHCS | 2 | Alternator Bracket to Engine / Water Pump |
| 3 | 3/8-16 X 6.0" SHCS | 1 | Alternator Bracket to Cylinder Head |
| 4 | 4.25" Spacer P/N 5307722-425 | 2 | Spacer between Bracket and Water Pump |
| 5 | 3.25" Spacer P/N 6257722-325 | 1 | Spacer between Alternator and Cylinder Head |
| 6 | 3/8 SAE Washer | 2 | Optional Shim depending on Water Pump Thickness |
| 7 | 0.20" Aluminum Spacer P/N 7327722-200 | 2 | Optional Shim depending on Water Pump Thickness |
| 8 | P/N 454522-E | 1 | Main Alternator Bracket |
| | Total Parts | 12 | 8X6X2 BOX |

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



Step 1: Remove old alternator bracket.

IMPORTANT: Do not tighten any bolts until the end.

Step 2: Attach Alternator Bracket to water pump using 2 each of 3/8 X 5.5" SHCS and 4.25" Spacer.

Step 3: Attach alternator using 3/8 X 6.0" SHCS through the alternator "ear" with 3.25" spacer between alternator and cylinder head. Use either .20" aluminum spacer or SAE washer as spacer to get pulley alignment correct. If water pump flange is 3/8" thick you should use the .20" spacers and if it is 1/2" thick then use the SAE washers or no spacer at all.

Step 4: Attach the bottom of the bracket to the alternator with 5/16" X 1.0" Button Head Cap Screw

Step 5: 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.

If using CVF Racing Pulleys, use a Series 15 belt (15/32" wide at the top). To determine the proper length, cut your old belt and use it to measure. Most autoparts stores sell these belts in 1" increments.

