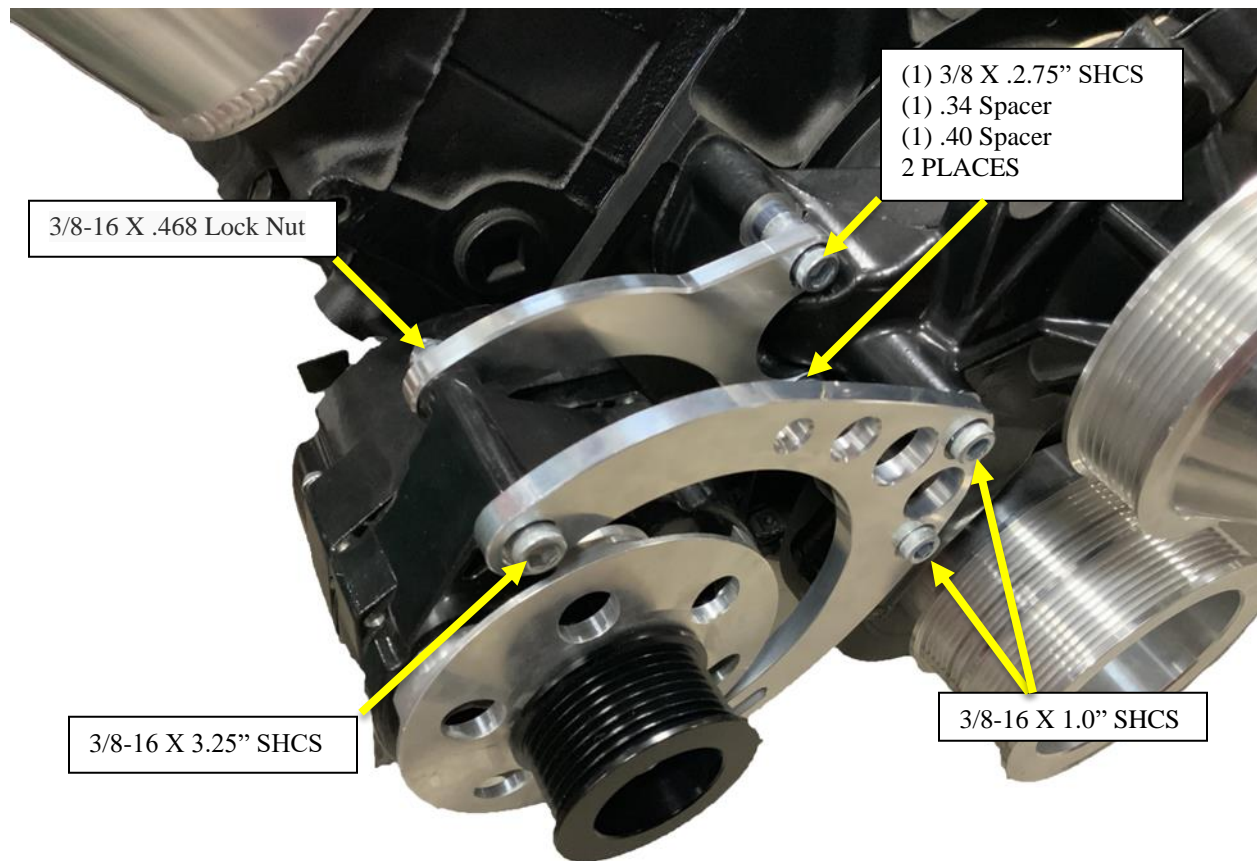


454-ALTBRKT-CT Instructions Rev C

Chevy Big Block with Tall Deck Height, Alternator Bracket Parts List Long Mechanical Water Pump Applications

| Item | Description | Qty | Comments |
|------|------------------------------|-----|--|
| 1 | 5/16-18 X 1.0" BHCS | 1 | Alternator Adjusting Bolt |
| 2 | 3/8-16 X 1.0" SHCS | 2 | Alternator Bracket to Engine / Water Pump |
| 3 | 3/8-16 X 2.75" SHCS | 2 | Rear bracket to Engine/Water Pump |
| 4 | 3/8-16 X 3.25" SHCS | 1 | Top bolt through Alternator |
| 5 | 0.34" Spacer P/N 6257722-034 | 2 | Spacer between rear bracket and water pump |
| 6 | 0.40" Spacer P/N 6257722-040 | 2 | Spacer between rear bracket and water pump |
| 7 | 3/8-16 x .468 Lock Nut | 1 | Nut for 3.25" SHCS |
| 8 | P/N 454522-C | 1 | Main Alternator Bracket |
| 9 | P/N 454522-C-R | 1 | Rear Alternator Bracket |
| | Total Parts | 13 | |

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 Rear Alternator bracket (454522-C-R) using (2) 3/8 X 2.75" SHCS, (2) .34 Spacers, and (2) .40 Spacers. One of each spacer per bolt.

Step 3: Attach Main Alternator Bracket (454522-C) to water pump using 2 each of 3/8 X 1.0" SHCS

Step 4: Attach alternator using 3/8 X 3.25" SHCS through the alternator "ear", with 3/8-16 .468 Lock Nut.

Step 5: 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 auto parts stores sell these belts in 1" increments.