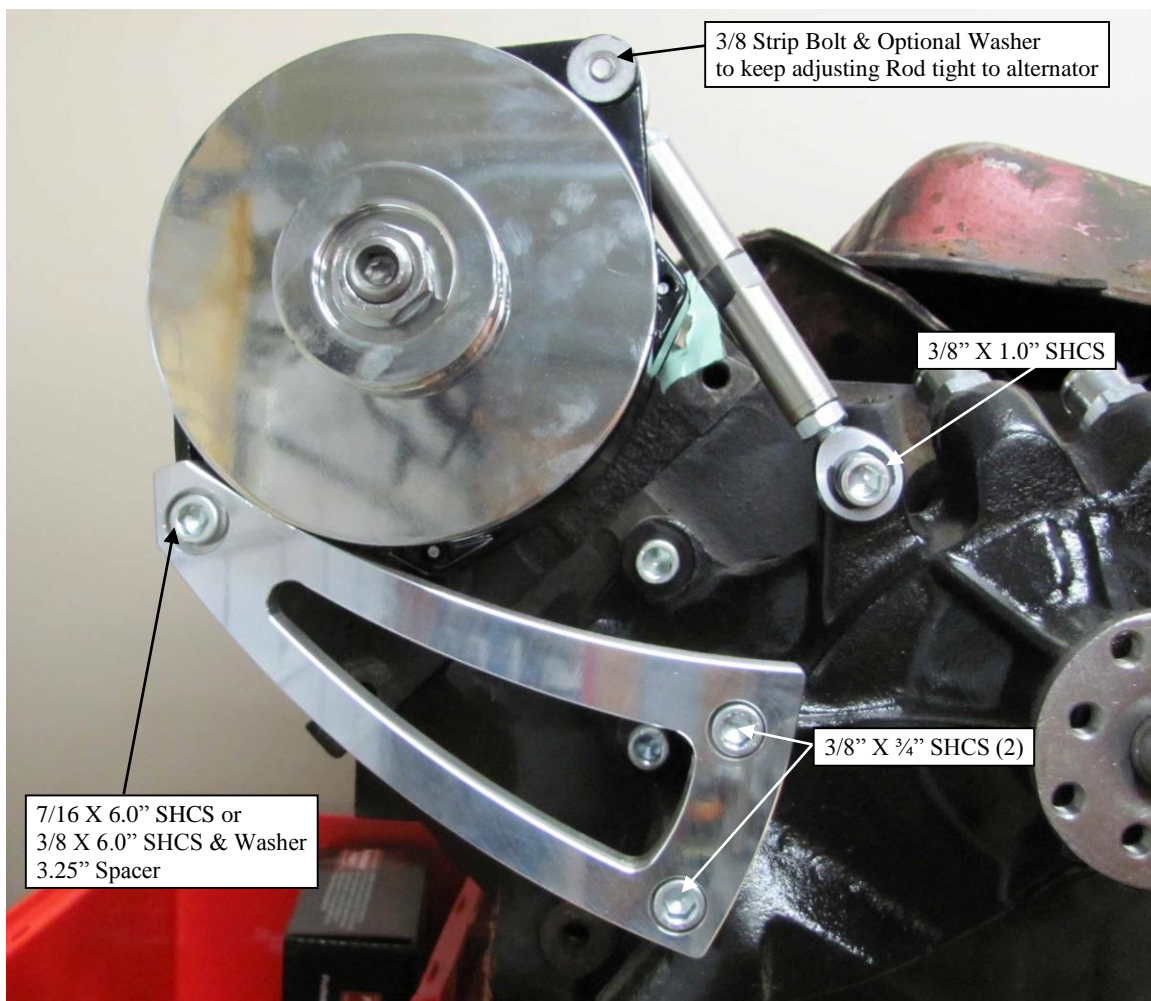


454-ALTBRKT Instructions Rev A

Chevy Big Block Alternator Bracket			
Item	Description	Qty	Comments
1	3/8-16 X 0.75" SHCS	2	Main Bracket to Water Pump
2	3/8-16 X 1.00" SHCS	1	Adjusting Rod to Water Pump
3	3/8-16 X 6.00" SHCS	1	Main Bolt to Cylinder Head (Early Heads)
4	7/16-14 X 6.00" SHCS	1	Main Bolt to Cylinder Head (Late Model Heads)
5	3/8" X 1/2" Strip Bolt – 5/16" Thread	1	Adjusting Rod to Alternator
6	3/8" X 0.05" Special Washer	1	Washer for use with 3/8" Bolt on Early Heads
7	3/8" USS Washer	1	Washer for removing slack on Strip Bolt
8	3.250 " X .625" Dia Spacer	1	Spacer between Alternator and Cylinder Head
9	2.50" Adjusting Rod	1	Stainless Steel Adjusting Rod
10	P/N 454522 – Main Bracket	1	Bracket that Bolts to Front of Water Pump
	Total Parts	11	
Note: SHCS = Socket Head Cap Screw, HHS = Hex Head Screw			



Step 1: Remove old alternator bracket.

Step 2: Attach Bracket to Water Pump using 3/8 X 3/4" SHCS

IMPORTANT: Do not tighten any bolts until the end.

Step 3: Attach Alternator to Cylinder Head and Bracket using either 7/16" X 6.0" SHCS or 3/8" X 6.0" SHCS and washer: If using 7/16" Bolt you may need to drill out the spacer and alternator ear from 3/8" to 7/16". Place 3.25" spacer between alternator and cylinder head.

Step 4: Attach adjusting rod to water pump using 3/8" X 1.0" SHCS.

Step 5: Attach adjusting rod to alternator using 3/8" Strip bolt. You may need to use optional 3/8" washer to make sure that this joint is not loose after tightening the strip bolt.

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.

