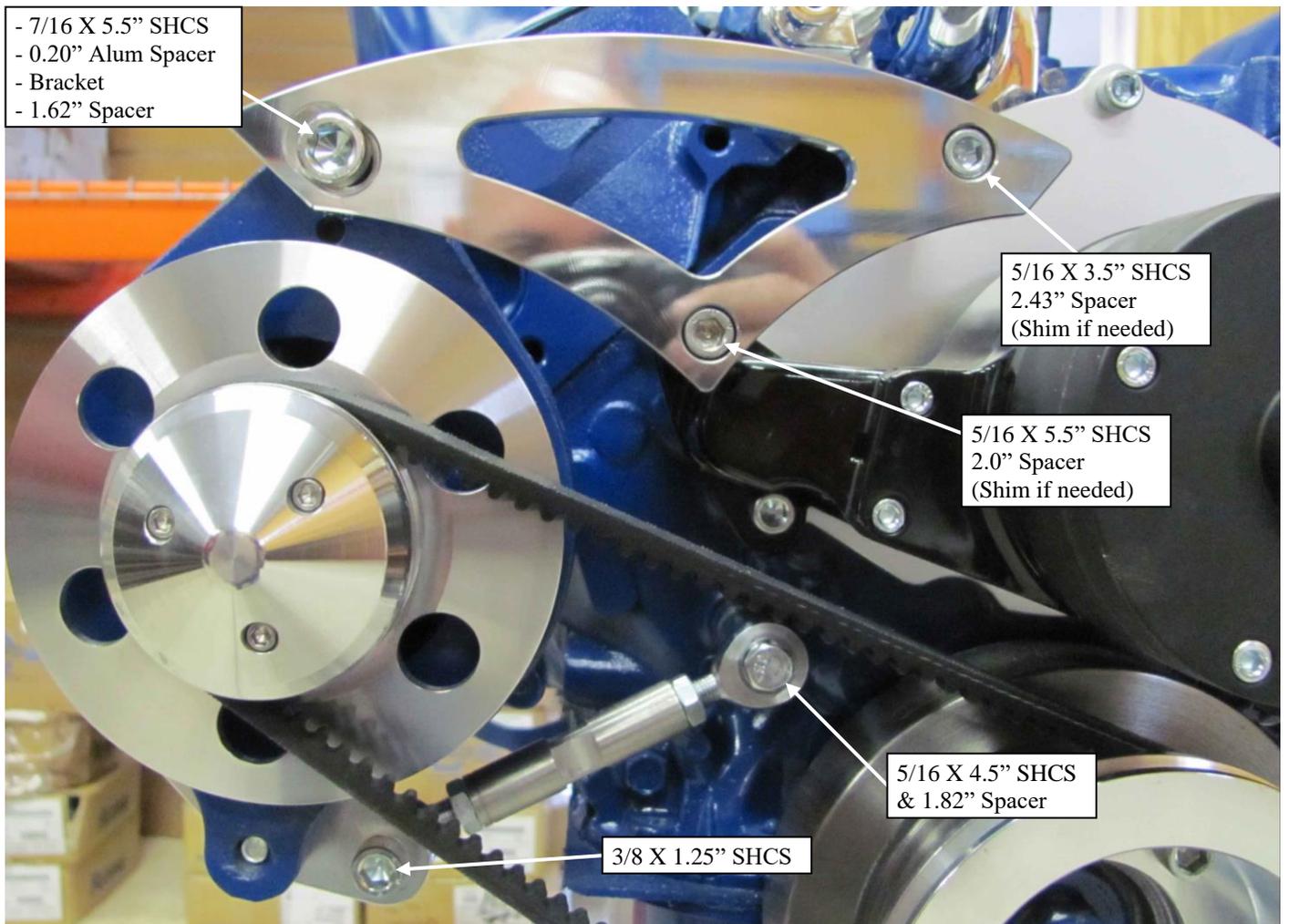


302-ALTBRKT-EWP Instructions Rev G

Ford 302 Alternator Bracket Parts List – Electric WP

Item	Description	Qty	Comments
1	5/16-18 X 4.50" SHCS	1	Adjusting Rod to Engine Block
2	5/16-18 X 3.50" SHCS	1	Alternator Bracket to Water Pump (Top)
3	5/16-18 X 5.50" SHCS	1	Alternator Bracket to Water pump (Bottom)
4	3/8-16 X 1.00" SHCS	1	Alternator Relocation Bracket to Alternator
5	3/8-16 X 1.25" SHCS	1	Adjusting Rod to Relocation Bracket
6	3/8-16 Lock Nut	1	Lock Nut for Relocation Bracket
7	7/16 X 5.50" SHCS	1	Alternator to Cylinder Head
8	3/8" SAE Washer	2	Shims as Required
9	Adjust Rod - 2.5" length	1	Alternator Adjusting Rod
10	1.82" X 0.625" Dia Spacer	1	Spacer between Adjusting Rod and Engine
11	2.00" X 0.625" Dia Spacer	1	Spacer between Bracket and Water Pump (bottom)
12	2.43" X 0.625" Dia Spacer	1	Spacer between Bracket and Water Pump (top)
13	1.62" X 0.695" Dia Spacer	1	Spacer between Alternator and Cylinder Head
14	.20 Aluminum Spacer (7327722-020)	3	Spacer between Bracket and Alternator, also can be used to shim Alt Bracket
15	P/N 289922-E	1	Main Alternator Bracket
16	P/N 2587356	1	Alternator Relocation Bracket
	Total Parts	19	8X6X2 BOX
Notes: SHCS = Socket Head Cap Screw			



Step 1: Remove water pump pulley and old alternator bracket.

IMPORTANT: Do not tighten any bolts until the end.

Step 2: Attach Relocation Bracket to alternator using 3/8 X 1.0" SHCS

Step 3: Install alternator using 7/16 X 5.5" SHCS. Use 0.20" aluminum spacer with beveled edges between bracket and alternator. Place 1.62" Spacer between alternator and head.

Step 4: Attach Alternator Bracket to water pump using 5/16 X 5.5" SHCS with 2.0" spacer on the bottom bolt. Use 2.43" Spacer and 5/16 X 3.5 SHCS on the top bolt. Note: Some electric water pumps have a different thickness on backing plate and/or mounting ear so you may need to use the 3/8" washers or .20 aluminum spacers as a shim to properly align the bracket. If necessary place the shims between the bracket and long steel spacer.

Step 5: Attach Alternator Adjusting Rod to engine block using 5/16 X 3.0" HHS and 1.82" spacer.

Step 6: Attach Adjusting Rod to relocation bracket using 3/8 X 1.25" SHCS and lock nut

Step 7: 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.

