



FM0109PC SBC Top Mount Alternator Bracket

Tools Required:

1/4" Allen Wrench
 5/16" Allen wrench
 1/2" Open End Wrench
 9/16" Open End Wrench
 3/8-16 Thread Chaser (If necessary)
 Anti-Seize

We recommend applying Anti-Seize to all threads when assembling bracket.

Recommended Belt: Goodyear 6 Rib #4060445 (44.5") or Dayco 6 Rib #5060445 (44.5")

1) Disconnect battery. Remove existing accessory drive brackets.

2) Clean & prep threads in passenger cylinder head (outside hole) and left side of water pump. Run a 3/8-16 thread chaser if necessary. Thread chasers are available at your local auto parts store or tool dealer and are different from a thread cutting tool.

3) Thread the 3/8-16 x 1-1/4" threaded stud into the outside passenger side cylinder head and finger tighten. There should be no more than 5/8" of thread left exposed (if more than 5/8" thread is showing, remove stud and clean out threads then reinstall threaded stud and check again). Apply anti-seize to the exposed threads on the stud. Also apply anti-seize to the threads of all the remaining fasteners at this time.

4) Thread the 3-11/32" spacer nut onto the exposed stud and tighten firmly.

5) Attach the alternator bracket to the water pump with the two 3/8-16 x 3/4" stainless socket head cap screws and finger tighten.

6) Thread the 3/8-16 x 1-3/4" stainless socket head cap screw through one end of the turnbuckle assembly and the 3/4" spacer into the water pump boss and tighten firmly. Swing the turnbuckle to the right and lay to rest out of the way.

7) Attach the alternator ear bracket to the top alternator boss with the 5/16-18 x 3/4" stainless socket head cap screw and tighten (26 ft./lb.).

8) Place the alternator between the spacer nut and alternator bracket and thread the 3/8-16 x 2-3/4" stainless socket head cap screw through the Alternator bracket & alternator into the spacer nut and finger tighten.

9) Swing the alternator up into position and match up to the turnbuckle assembly, thread the 3/8-16 x 1" stainless socket head cap screw through the turnbuckle rod end into the alternator ear bracket and tighten(46ft./lb.).

10) Route belt around alternator, water pump and crank pulleys. Twist turnbuckle by hand until proper belt tension is achieved. Do not over-tighten belt! Serious damage may occur to the accessory drive bearings resulting in premature wear.

11) Tighten jam nuts on turnbuckle. Tighten alternator socket head screw (46ft./lb.) Tighten alternator bracket screws on water pump (46ft./lb.) Re-check belt tension.

12) Reconnect electrical and test run motor. Re-check belt tension after 100 miles.

