

192/250 SUPERCHARGER INSTRUCTION

MANIFOLD-

- 1) Remove all foreign material from manifold and clean with soap and water to remove all polishing compound.
- 2) Apply a light coating of gasket sealer to intake gaskets around intake ports, and a bead of silicone around water ports, and position on heads.
Note- BB Chevy uses thin gaskets on standard port location heads and thick (1/8") gaskets on raised runner heads.
- 3) Use a bead of silicon on the top of the block to seal to the bottom of the manifold both front and rear.
- 4) Set manifold on heads and torque to 25 ft. lbs. starting from center working out alternating side to side.
Repeat final torque 2 to 3 times to insure manifold is seated correctly.
- 5) On 192 insert length of orange o-ring material into base manifold and cut to length. Put a dab of super glue at splice. Install manifold top using 12ea - 1/4"-20 x 3/4" S.S. allen head bolts and torque to 18 ft. lbs.
- 6) Apply some light grease to black one piece o-ring and install in top of manifold. Install 8 stainless steel blower studs in manifold.
Note- **Do not use** silicone between manifold and blower as it may distort Supercharger and cause damage to the supercharger.
- 7) On 192 install thermostat in manifold. Apply some light grease to o-ring on thermostat adapter. Bolt adapter to manifold.

SUPERCHARGER-

- 1) Check the supercharger and make sure it is clean from any dirt or debris.
- 2) Carefully set the supercharger on top of manifold. Apply some anti-seize or lubricant to studs and bolt down with flanged stainless steel nuts. Torque supercharger to 10-12 ft. lbs starting from the center working out alternating side to side.

IDLER ASSEMBLY-

- 1) Bolt idler pulley to arm with supplied 7/16" x 4" S.S. bolt, nut, washer and pulley stand (snap ring end of pulley away from arm).

ACCESSORY PULLEY-

- 1) With the harmonic balancer installed, remove crank bolt and washer.
Note- The Blower Shop Inc. recommends the use of an aftermarket balancer such as ATI, Fluidampr, BHJ, etc.
- 2) Bolt accessory pulley to balancer with 3ea - 3/8" bolts. The kit comes with both course and fine thread bolts, so check balancer for thread pitch before installation. Torque bolts to 35 ft. lbs.
- 3) Install new crank bolt and washer provided, and torque to 65 ft. lbs.

16 RIB PULLEYS AND BELT-

- 1) Bolt 6.4" bottom pulley to accessory pulley and torque to 35 ft. lbs.
- 2) Bolt top pulley to snout using 4ea - 5/16" x 1" S.S. bolts and split collar washers and torque to 25-30 ft. lbs.
Use **CLEAN** shop rags or the rubber handle of a dead blow hammer between rotors to keep supercharger from turning. It is recommended to use a small amount of red Loctite on bolts before installation.
- 3) With 5/8" wrench push down on tensioner and slip belt over pulleys and release idler pulley.

CARBURETOR ADAPTER-

- 1) Bolt the carburetor adapter to the top of the supercharger using the supplied bolts and gasket. Do NOT use any gasket sealer. Torque bolts to 15-18 ft. lbs.