



192/250 BilletCharger Installation Instructions

MANIFOLD-

- 1) Remove all foreign material from the manifold and clean with soap and water to remove any leftover polishing compound.
- 2) Apply a light coating of gasket sealer to intake gaskets around the intake ports and a bead of silicone around the water ports, then position intake on the heads.
***Note:** On the Big Block, 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 the manifold on the heads and torque to 25 ft. lbs. starting from the center working out, alternating from side to side. Repeat final torque 2 to 3 times to insure manifold is seated correctly.
- 5) Apply a small amount of grease to the black one-piece o-ring and install into the groove on the mounting surface (top) of the manifold. Install 8 stainless steel blower studs in manifold.
***Note:** **Do Not** use silicone between the manifold and the blower as it may distort the supercharger case and cause damage.

SUPERCHARGER-

- 1) Check the supercharger and make sure it is clean from any dirt or debris.
- 2) Carefully set the supercharger on top of the manifold. Apply some anti-seize or lubricant to the 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.
***Note:** **Do Not** over tighten the supercharger to the manifold as it may distort the supercharger case and cause damage.

IDLER ASSEMBLY-

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

ACCESSORY PULLEY-

- 1) With the harmonic balancer installed, remove the crank bolt and washer.
***Note:** TBS recommends the use of an aftermarket balancer such as ATI, Fluidampr, BHJ, etc.
- 2) Bolt the accessory pulley to the balancer with the supplied (3) 3/8" bolts. Torque bolts to 35 ft. lbs.
***Note:** The kit includes both coarse and fine thread bolts, be sure to check your balancer for the correct thread pitch before installation.
- 3) Install supplied crank bolt and washer, then torque to 65 ft. lbs.

PULLEYS AND BELT-

- 1) Bolt the 6.4" bottom pulley to the accessory pulley and torque to 35 ft. lbs.
- 2) Bolt top pulley to snout using the supplied (4) 5/16" x 1" stainless steel bolts and split collar washers, then torque to 25-30 ft. lbs.
***Note:** Use **Clean** shop rags or the rubber handle of a dead blow hammer between the rotors to keep supercharger from turning while installing the top pulley. We recommended using a small amount of red Loctite on the bolts prior to installation.
- 3) With a 5/8" wrench push down on the tensioner and slip the belt over the pulleys, then gently release the idler pulley.

CARBURETOR ADAPTER-

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

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