



## Honda B-Series Fluidampr 590601, 620601

# Installation Instructions:

1. Remove crankshaft bolt and slide off OEM damper.
2. Coat Fluidampr bore and crankshaft snout with a small amount of anti-seize compound.
3. Slide Fluidampr onto crankshaft.

**Note:** Fluidamprs are designed with a tighter fit for increased damper performance.

**Note:** Check the area around the Fluidampr for possible interference with other aftermarket parts.

Fluidampr 620601 will require slight trimming of the plastic timing cover to accommodate the 40% under drive pulley. See included sheet for details.

4. **THROW THE OLD CRANKSHAFT BOLT AWAY AND REPLACE WITH A NEW OEM BOLT** (Honda PN 90017-PR3-003). The OEM bolt is a torque to yield bolt. Once the bolt is loosened it cannot be reused.
5. Torque the new OEM crank bolt to 148 ft-lbs using a torque wrench and a crankshaft holding tool. **DO NOT USE AN IMPACT DRIVER TO TIGHTEN THE CRANKSHAFT BOLT, DO NOT USE THE CLUTCH TO HOLD THE CRANK FROM TURNING.** Setting the bolt torque with an impact wrench does not allow the bolt yield to be set properly, and holding the engine from turning by putting it in gear and applying the brakes will allow some clutch slip and the bolt torque will not be accurate. Failure to use a new bolt and failure to torque properly can cause the crankshaft bolt to loosen while the engine is operating.

**Note:** When using aftermarket crankshafts and flywheels make sure that the flywheel bolts are the correct length. Tapped hole depths and flange thicknesses can vary enough for the flywheel bolts to bottom out. **CHECK FLYWHEEL BOLT LENGTH IN EVERY THREADED HOLE.** Add a drop of Loctite (or equivalent) to each bolt and torque flywheel bolts to the factory torque specification. **DO NOT OVER TORQUE FLYWHEEL BOLTS, THEY WILL YIELD AND FAIL. DO NOT USE AN IMPACT DRIVER TO TIGHTEN THE FLYWHEEL BOLTS.** Failure to use the proper flywheel bolt length and to properly torque the flywheel bolts can cause them to back out while the engine is operating. This can cause main bearing caps to crack, fractured oil pump gears, a loose crankshaft bolt, and other internal engine damage.



**Made in the USA**

180 Zoar Valley Rd. / Springville, NY 14141 / ph: 716-592-1000 / fax: 716-592-1001 / [www.fluidampr.com](http://www.fluidampr.com)

P/N: 4NFQ02 Revised 9/2018