



2816 Centennial Road

Salina, KS 67401

785-825-6166

E-Mail – sales@innovatorswest.com

Harmonic Dampner Install Instructions



Installation:

Use a proper dampner installer to install the dampner. Do not use a factory or aftermarket bolt to draw the dampner onto the crank. Failure to use the proper installer may result in damage to the crankshaft bolt and/or crankshaft threads. **DO NOT** remove the hub from the dampner case. Install as a complete assembly! The dampner should install with a press fit. **DO NOT** hone the hub for a slip fit.

1. Inspect the crankshaft snout for any burrs, nicks and imperfections.
2. Inspect your crankshaft key and replace if necessary.

3. Apply anti-seize lubricant on the crankshaft snout.
4. Press the dampner onto the crankshaft using the proper install tool.
5. **DO NOT** apply direct heat to the dampner (ie an open flame/torch). The concentration of heat may damage the components inside the dampner.
6. Apply some red Loctite to the crank bolt and torque to the manufacturer's specifications.

Removal:

Use a proper dampner puller (such as shown below) to remove the dampner from the crankshaft. Make sure to attach the dampner to two or more of the cap screw bolts that are threaded into the hub of the dampner. Use of the bolts that attach the pulley to the dampner may result in damage to the case of the dampner or pulled threads.

1. Remove the crankshaft bolt.
2. Remove 2 or 3 of the inner cap screw bolt that secure the dampner case to the hub.
3. Using a proper dampner puller, remove the dampner from the crankshaft. (Make sure that the center bolt of the dampner puller is not exerting its force directly to the end of the crankshaft as damage to the crankshaft or bolt threads may be possible)

