



2816 Centennial Road
Salina, KS 67401
785-825-6166
www.innovatorswest.com
E-Mail – sales@innovatorswest.com

HellCat Supplemental Install Instructions



Installation Notes:

Gates Belt # K100594 (or equivalent) is required for Overdrive Dampers when used with the factory supercharger pulley. This belt is available at most local auto parts stores or industrial supply house. For applications using aftermarket diameter idler pulleys or aftermarket supercharger pulleys, the belt length may need to be increased or decreased to fit your application.

The factory bolt is torque to yield and should only be used one time. The included crank bolt is a non-torque to yield bolt and may be reused if needed. Make sure to apply some red Loctite to the supplied crank bolt prior to tightening to **130 ft-lbs**.

DO NOT remove the hub from the damper case. Install as a complete assembly!

Overdrive dampers will require grinding on the factory air conditioner mounting boss (lower drivers side of the timing cover) and a bolt head for clearance (located at approximately 10 o'clock in relation to the crankshaft snout). Measure over 4.5" from the center of the crankshaft and make a mark on the front cover a/c mounting boss and the bolt head located on the passenger side of the cover. This mark will indicate how much of the bracket and bolt head must be removed for proper clearance.

Once the damper is installed the included pinning kit will be used to secure the damper to the stock crankshaft snout. Please see the included, separate pin kit install instruction sheet for details and pictures.

Removal Notes:

Removal of 3 of the 6 - 5/16" socket cap screws holding the case to the hub will allow for a pulley to be secured to the damper for removal (see picture below). These socket cap screws are 5/16" – 18 thread pitch and will allow your removal tool to be bolted into the steel hub at the rear of the damper for removal of the damper as a complete unit.

