

Dodge Hellcat/Demon 2.4L/2.7L IHI Supercharger White Paper

Installation notice on replacement plastic couplers to prevent damage to your supercharger:

It has come to our attention that installers are using the drive snout or a hammer to draw the couplers into the pockets. THIS WILL CAUSE SUPERCHARGER DAMAGE. If you use this method, you may end up pressing the drive rotor assembly out of the rear bearing pocket. The hub should be removed to squarely install the bushings and prevent damaging the drive rotor. Material will slowly shave off the side of the bushing as it is installed for a secure press fit.

The original design was undersized for the drive hub and pins, which will lead to material wear and noise. We recommend a ceramic or silicone grease to be applied to the pins to keep them from rusting. Support of the rear drive gears is required when re-installing the hub and reinstalling the drive. 2.4L units REQUIRE a gasket to maintain clearance, and avoid bearing/rotor damage.

FAILURE TO SUPPORT THE REAR ROTOR CAN RESULT IN THE NEED TO REBUILD THE SUPERCHARGER CAUSED BY IMPROPER SERVICE WORK.