



Diamond Claw® Crank Lock

Nissan QR/VQ/VR/SR

We continue to push the limit of large displacement/long stroke 4-cylinders, and want the community to come along with us!

Harmonic vibrations are an engine's WORST enemy!

While mitigation techniques have been around for ages, nothing has proven to fully protect against this phenomenon... Until now.

Utilizing precisely sized CBN particles with a hardness of 10,000 Vickers, the Diamond Claw® effectively bites into the crankshaft, flywheel, and harmonic damper to LOCK these items in place. Even aftermarket hardened materials!

While installation preferences may vary, we suggest using the following guidelines for a successful install.

- Clean all threads and mating surfaces extremely thoroughly – Bolts should easily thread in by hand
- Do not use Anti-Seize or any other product that can contaminate mating surfaces
- Use Loc-Tite SPARINGLY – We suggest a very small dab on the INTERNAL threads of your crankshaft before installation. This will drive any excess threadlocker inside the crank and avoid contaminating the Diamond lock or other crucial mating surfaces
- Install between Crankshaft and Flywheel or Crankshaft and Harmonic Damper using standard torque specifications
- Not meant for applications above 700°F
- Replace Diamond Claw® should it become contaminated with oils or grease
- Over time, Diamond Claw® may experience stress fractures – This is normal and will still perform as advertised as long as pieces are not physically separating from itself.

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Thank you for your support!

Any questions can be directed toward VisionOneRacing@gmail.com

We will respond as soon as possible