



Overview:

This stud / nut kit helps keep protect the aluminum upright threads from damage over time from removal of the brake caliper for service. The studs also provide a more convenient means to hang and install the caliper as they stay in the upright during service. These studs/nuts are stronger than the OEM bolts. This is a good addition for track cars and anyone regularly servicing brake rotors and pads.

Compatibility:

The caliper studs will fit any 2003-2017 Dodge Viper.

Construction:

The studs and nuts are made from heat treated 8740 chrome moly and bright cadmium plated for corrosion resistance.

Ordering Information:

<http://dougshelbyengineering.com/Viper.html>

DSE-BR-CS-001:2003-2017 Dodge Viper Brake Caliper Studs (set of 8)

Installation Guide:

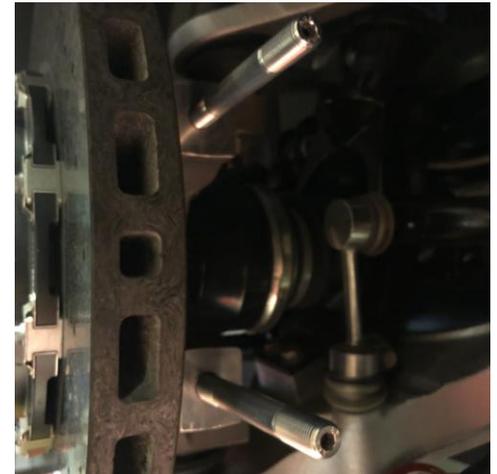
- Remove the wheel per standard procedure. Remove the OEM brake caliper mounting bolts with an M10 hex wrench.
- Remove and support the brake caliper so it is not hanging by the lines.
- Apply the supplied high temperature Loctite (shake well first) to approximately 1cm of the end of the stud that does not have the hex drive (coarser thread).
- Install the studs into the upright (about 1-2cm in).
- Clean any excess Loctite from the upright.
- Install the brake caliper onto the studs.
- Install the nut onto the stud. Thread the nut so that ~2 threads are showing beyond the end of the nut.
- Using a 5mm hex drive, screw in the studs until the nut flange fits against the caliper (ensure the caliper is flush with the upright)
do not fully tighten the stud or nut at this time.
- *Tip: It may be beneficial to match the text alignment on the end of the studs for future reference.*
- **Allow the Loctite to set for a minimum of 2 hours.**
- Take note of the stud text/orientation. Using a M14 12 point socket and torque wrench, begin to tighten the nuts, periodically checking the stud to ensure there is no rotation. Alternate tightening top to bottom.
- Fully tighten each nut to 85 lb-ft.
- *Tip: Mark the stud/nut with a paint pen for quick inspection to see if it has loosened.*

Inspection and Maintenance:

- Caliper stud/nut inspection should be performed whenever the wheel is removed. Check stud/nut alignment and torque whenever possible.



Caliper Stud and Nut Kit



Caliper Studs Installed



Nut Installed before Tightening

RESBOND™ 907TS RED THREADLOCKER

Use From -300°F to 2100°F

POTENTIAL HEALTH EFFECTS Primary Route Of Entry: Inhalation, Ingestion And Skin Irritation. Effects Of Overexposure: Currently, studies have shown that signs of slight dermatological irritation have occurred after prolonged skin contact. This product contains minor amounts of binders which burn out during first heat up. Emergency and First Aid Procedures Terminate Exposure.

EMERGENCY FIRST AID PROCEDURES
Emergency and First Aid Procedures: Flush eyes with copious quantities of water. Get immediate medical attention for eyes. If swallowed, consult a physician immediately.



Studs and Nuts and Caliper Completely Installed

SPILL OR LEAK PROCEDURES Recommended Procedures: If spilled mix with water and disposed in approved industrial waste container. Hose down spilled wet cement paste with water immediately. Cement is not water soluble after setting up.

HANDLING AND STORAGE Storage: Keep containers sealed and clearly labeled. Handling: Keep container closed when not in use. Avoid getting powder in body openings, including: cuts, sores, mouth, etc. Wash hands thoroughly before eating or smoking.

Thank you for your purchase!

Your business is appreciated and customer satisfaction is our top priority! Don't hesitate to contact us via email with any questions or feedback. Word of mouth is the best form of advertising so if you are satisfied please spread the word!

Disclaimer of Liability:

Doug Shelby Engineering assumes no liability expressed or implied for the improper installation or use of this product or its components. Doug Shelby Engineering is NOT responsible for any damage, consequential or otherwise for equipment failure after installation.

Vehicle Modification:

Modification of your vehicle with the parts identified above may alter its stock performance; the buyer hereby expressly assumes all risks associated with any such modification.

Disclaimer of Warranty:

Seller disclaims any warranty express or implied with respect to the parts sold hereby whether as to merchantability, fitness for particular purpose, or any other matter.