



Floating Rotor Installation Guide

Part List

Floating rotor bobbin kits consist of:

- Drive pins
- M5x0.8mm socket head cap screws (4mm Allen head)
- Inconel (Nickel alloy) Belleville washers - acting as anti-rattle springs

Installation



Drive Pin, Spring Washer, and M5x0.8mm Socket Head Cap Screw

Mounting hardware should be replaced at the same time as the rotors

Remove/installing the drive pins from the hat. It may be necessary to lightly tap out some pins. If a drive pin is difficult to remove, screw one of the old bolts into the drive pin from the inside of the hat and tap the drive pin out by gently striking the bolt head. Be careful not to drive the head of the bolt

into the hole in the hat. A drop of light oil or penetrating fluid on the outside of the drive pin body can facilitate pin removal.

- 1) Lay new rotor face down with mounting flanges facing up.



- 2) Place hat on top of rotor



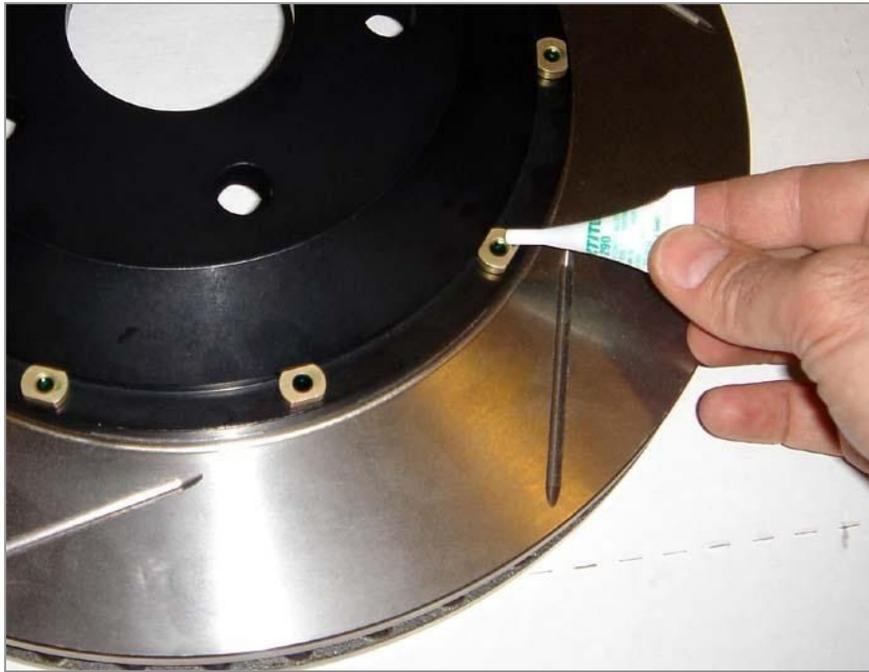
- 3) Install new drive pins into hat. They should slide in, but light tapping with a hammer is not uncommon. Be sure the drive pins are fully seated on the hat as each bolt is tightened. If the drive pins are not clocked properly against the hats, permanent damage to the hats may result.



- 4) Flip rotor over and install bolts and washers' finger tight. The concave surface faces downward, making the washers appear as small domes.



- 5) After installing all bolts **finger tight**, flip the rotor assembly over, hat-side up. Before using the thread locker, shake well, then snip off the end of the plastic nozzle. Place **ONE DROP** of 290 Loctite in the threads of each drive pin. components. Then proceed to the next step to torque all fasteners.



- 6) Tighten the screws with a torque wrench to 72 in/lb (6 lb-ft). A torque wrench with the proper range must be used to avoid under or over-tightening the fasteners. **This is very important!** Be careful if using a torque wrench as they often do not click at such a low setting Do not use a torque wrench that starts at 10 lb-ft and goes higher. Torque wrenches are very accurate in the middle of their adjustable range, and very inaccurate at the extremes of their range.

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