Hat

B

A

C

D

Apply thread-locker and
torque to 11.5Nm (8.5 lb/ft)

measure

Measure the distance between rotor/disc edge and hat flange at positions A, B, C and D above. The difference should be no more than 0.15mm between all four points to ensure the hat is centered correctly.

Complete this exercise by tightening the M6 flange bolts by hand so that the hat can move relative to the rotor/disc ring. Use a rubber or soft face mallet to tap the hat in the required direction.

Disassembly:	Assembly:
1. Undo M6 flange bolts using a 10mm socket/spanner. A cordless-drill with a 10mm nut runner would make disassembly easier. 2. Press the bobbin head down to keep it from turning while undoing M6 flange bolt. 3. The bobbin may sit tightly in the hat. If so, place the assembly upside down on a piece of wood or rubber (to protect the hat from scratching) and turn one of the M6 flange bolts back into the bobbin. Use a hammer to tap against the M6 flange bolt head to aid removal of bobbin. 4. Clean the hat carefully with brake cleaner and remove any burrs near the bobbin mounting holes.	1. Ensure rotor/disc mounting surface is clean. 2. Insert bobbins through hat making sure the flat of the bobbin head locates against the hat. 3. Apply a small amount of high-temp thread locker (ideally Loctite 272) to the new M6 flange bolt threads. 4. Fasten them lightly. A cordless-drill with a 10mm nut runner would make assembly easier. 5. Ensure correct centering of the hat over the rotor/disc ring (shown in the diagram above right), ideally using a Vernier Caliper. 6. Once centered tighten the M6 flange bolts and torque to 11.5Nm (8.5 lb/ft) - no more!.

NOTE:

1. **Please ensure that the vehicle's hub is clean before refitting your rebuilt discs/rotors. This is critical in ensuring that you have no issues with runout.**

2. **APR 2-piece disc/rotor rings have directional cooling vanes. Make sure that Left and Right discs/rotors are fitted accordingly. An arrow is machined into the disc face to indicate direction.**

APR LLC

Assembly diagram for disc / rotor rebuilds

DATE:	06-Jun-19
DISC TYPE:	*350x34mm / 380x34mm*
FLOAT TYPE:	*Semi-float (radial only)*

Learn more about brakes and rotors on our website.