

Mechanical Disc Brake

User MANUAL

(Model : NMD15、MD16、MD17)



Tools Required

5mm Allen Key

2mm Allen Key

T25 Torx Wrench

Cable Cutters

Pliers

Adapter Accessories

IS

PM

Direct Mount
(No adapter needed)

Rotor Installation

Avoid the rotor is reversed when installing.
When you see the arrows during installation, you're doing right.

Use a T25 Torx wrench to tighten the screws in order with a torque of 4~6Nm.

Replacing Brake Pads

(1) The thickness of wore brake pads should not be less than 0.5 mm. It is strongly recommended to replace them if the thickness is between 0.5 mm and 1 mm.

(2) There shouldn't be oil stains or dust on the new disc pads.

Combine the disc pad and a spring as shown on the left, then place the completed disc pad in the caliper according to the direction of the arrow.

Insert the pin.

Bend the pin to secure it, then the replacement is done.

Mechanical Disc Brake

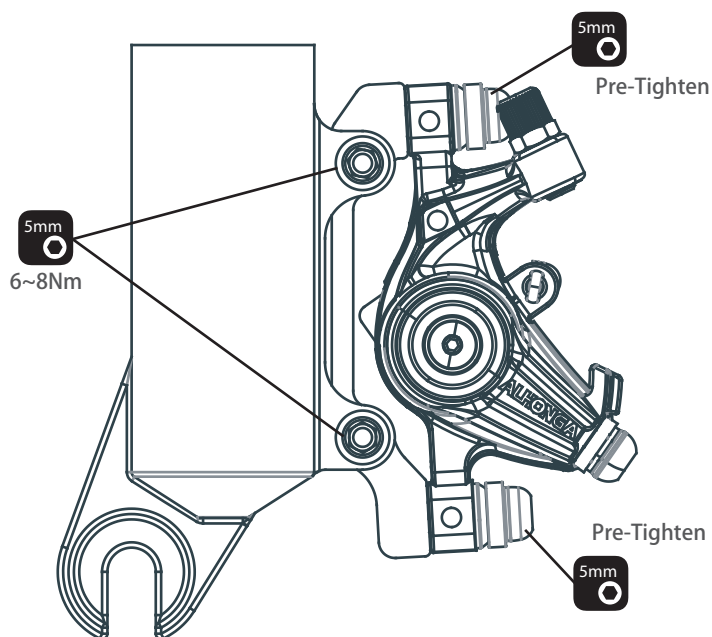
Caliper Installation (IS/PM)

(Model : NMD15 · MD16 · MD17)

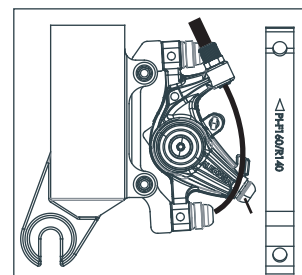
ALHONGA



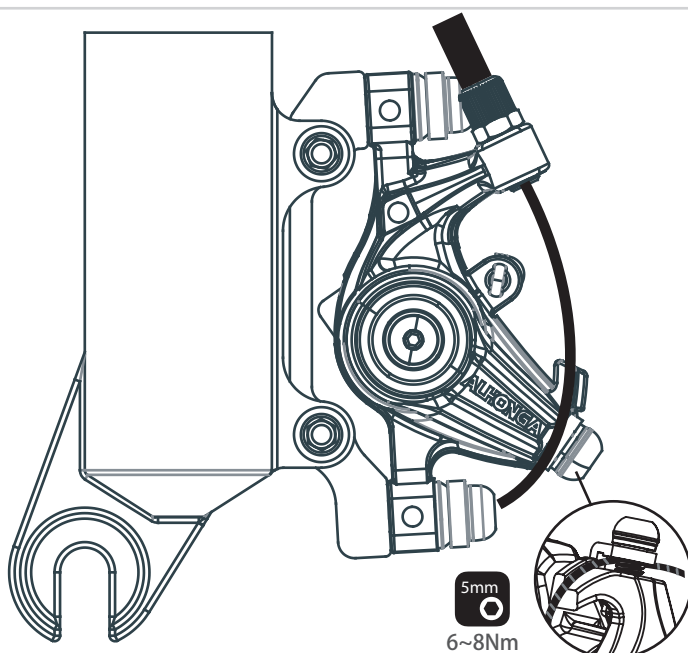
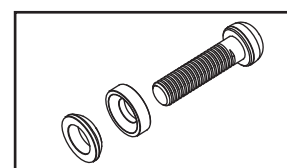
IS System



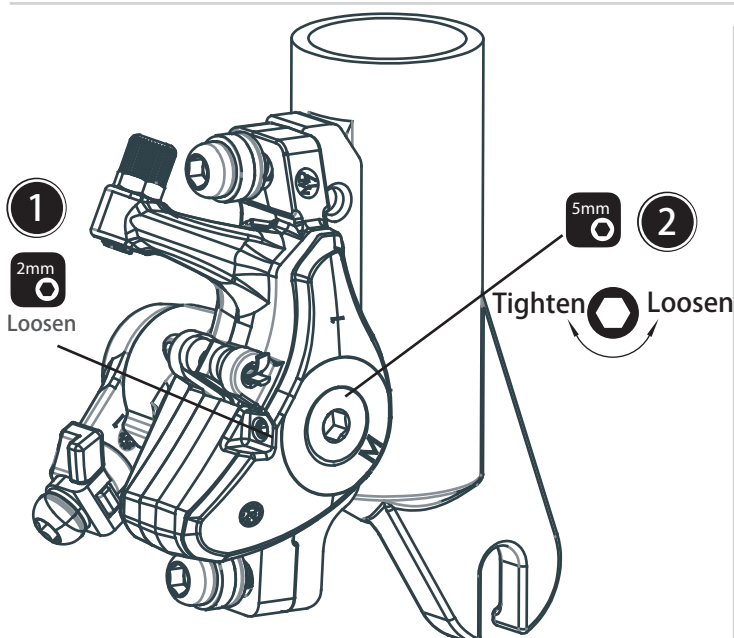
(1) Ensure the direction is correct when mounting the adaptor in a frame with a torque of 6-8Nm. Refer to the image below.



(2) Place the washers and bolts in the caliper in order as pictured below.



(3) The cable goes through the cable clamp without pulling the lever arm, and tighten the bolts with a torque of 6-8Nm.



(4) Loosen the bolts with a 2mm hex wrench.

(5) Unscrew the bolts clockwise until they gradually approach the rotor.

(6) Screw the bolts counterclockwise for 0.5-0.75 circle.

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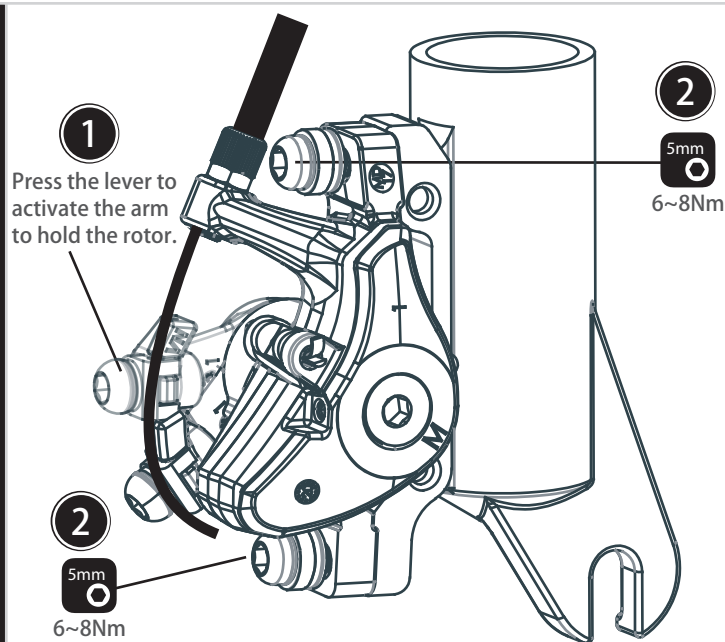
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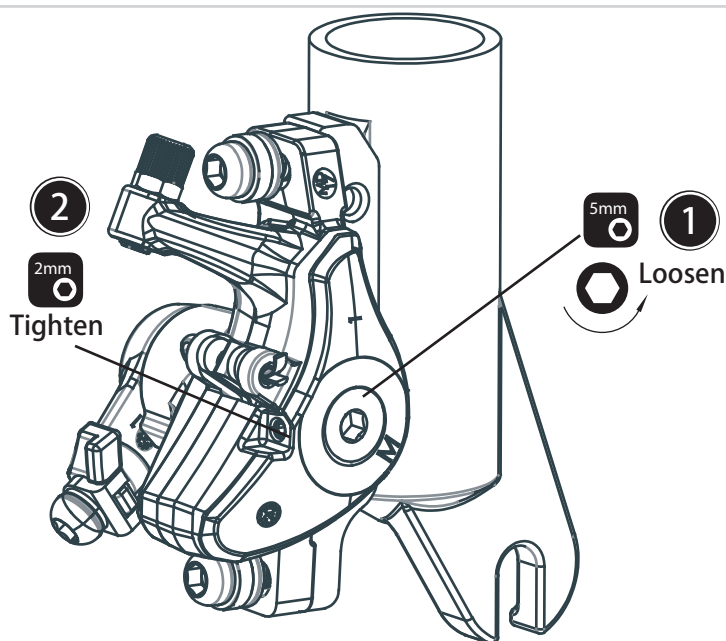


IS System



(7) Press the lever to activate the arm to hold the rotor.

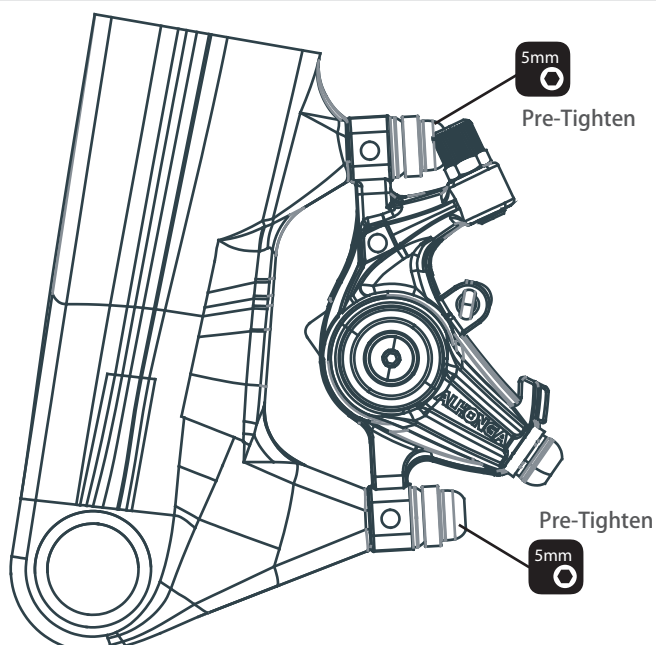
(8) Use a 5mm hex wrench to tighten the caliper bolts with a torque of 6-8 Nm.



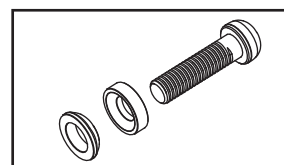
(9) Use a 5mm hex wrench to loosen the screw counterclockwise until the wheel rotates without any disc rubbing noise.

(10) Then, use a 2mm hex wrench to tighten the screw.

PM System



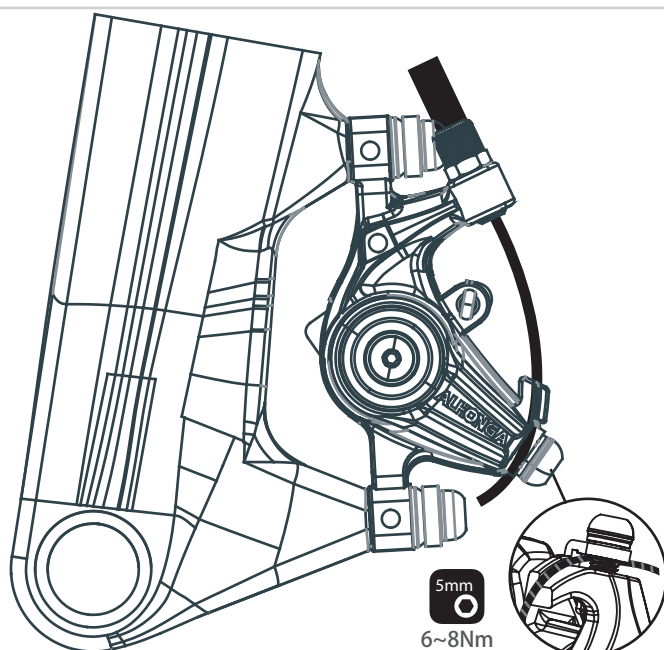
(1) Place the washers and bolts in the caliper in order as pictured below.



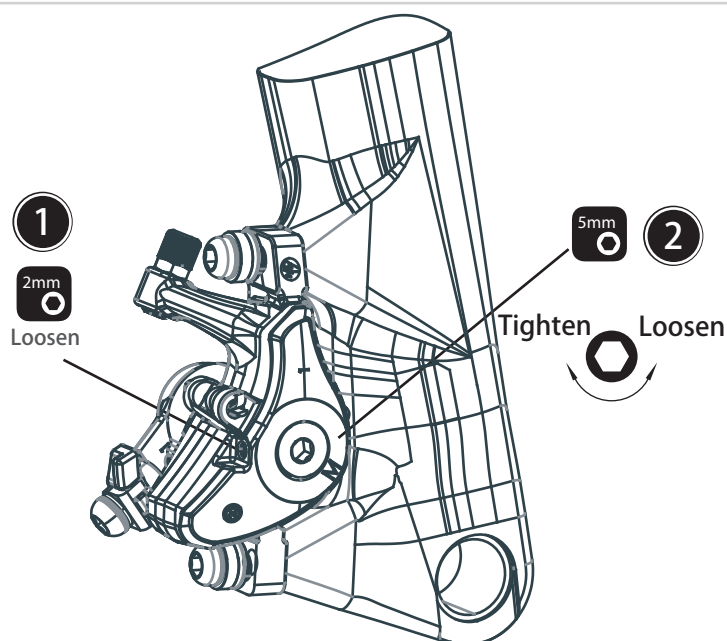
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Caliper Installation (IS/PM)

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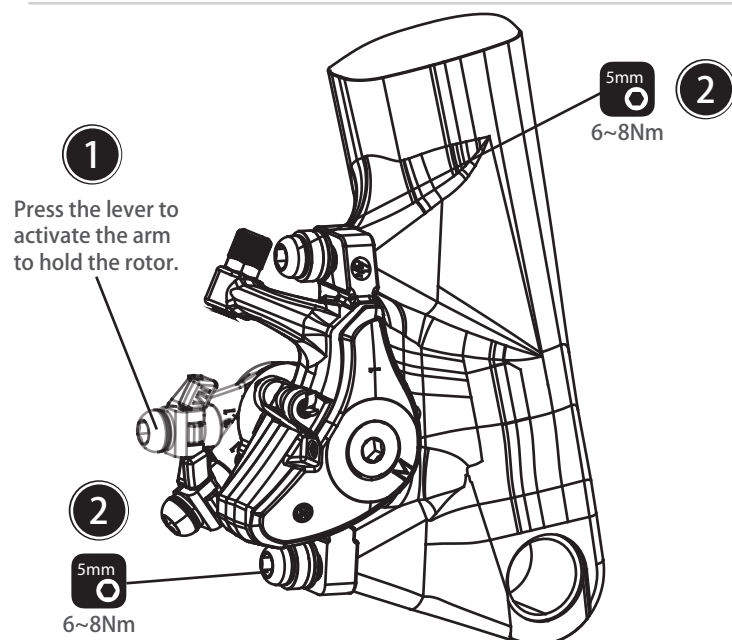
(2) The cable goes through the cable clamp without pulling the lever arm, and tighten the bolts with a torque of 6-8Nm.



(3) Loosen the bolts with a 2mm hex wrench.

(4) Unscrew the bolts clockwise until they gradually approach the rotor.

(5) Screw the bolts counterclockwise for 0.5-0.75 circle.



(6) Press the lever to activate the arm to hold the rotor.

(7) Use a 5mm hex wrench to tighten the caliper bolts with a torque of 6-8 Nm.

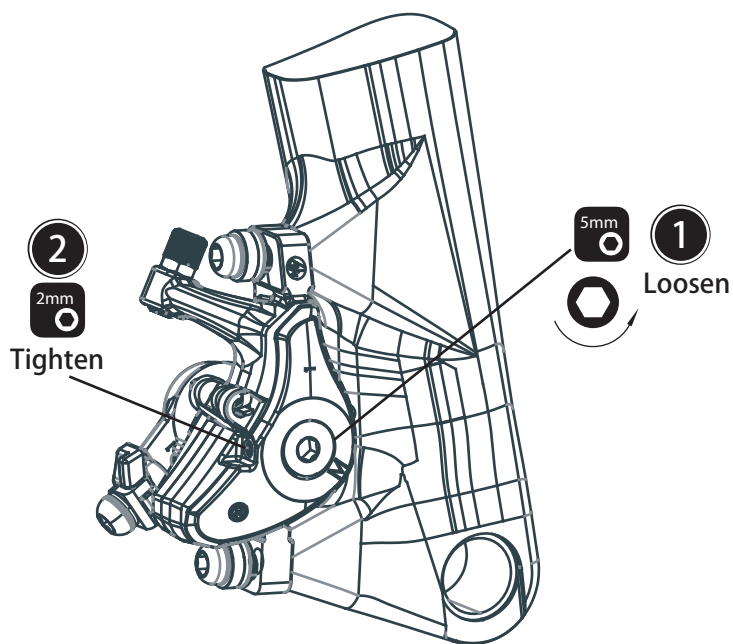
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PM System



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