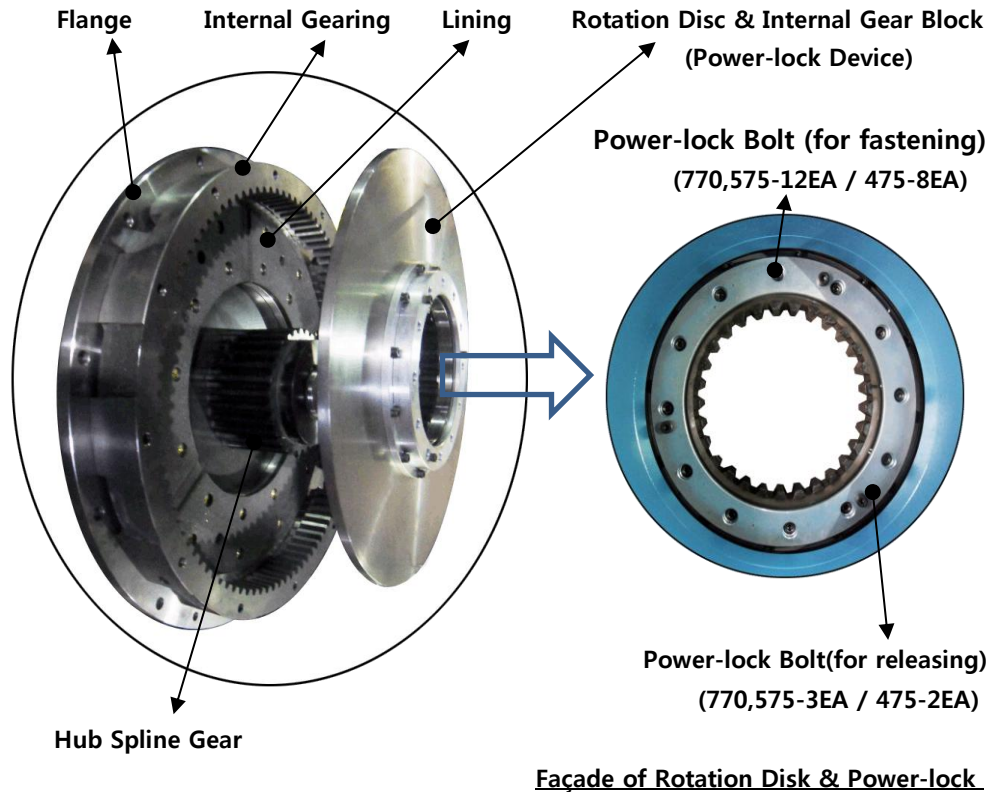


SAFETY AIR BRAKE manual - HABB type

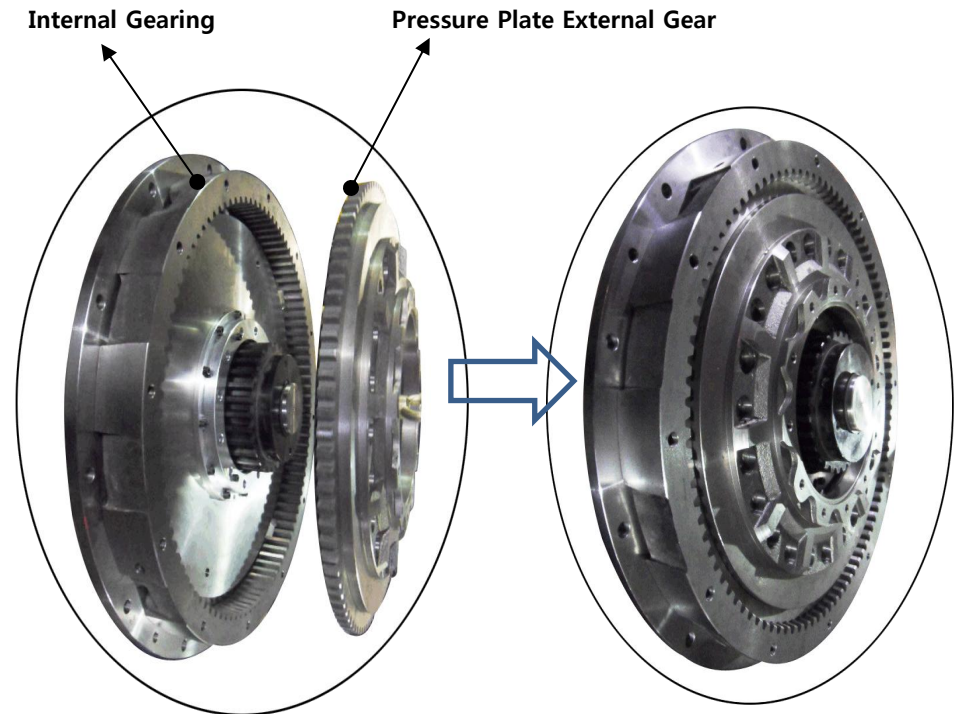
Manual for assembling PART 1 of 3

1 Rotation Disc and Internal Gear Block(Power-lock)



- 1-1. After replacing lining or cleaning the brake, combine Rotation Disc and Internal Gear Block(Power-lock) to Hub Spline Gear.
- 1-2. By loosening Power-lock Bolt(770,575-12EA/475-8EA) assembled on Power-lock(Auto-gap) device, Power-lock Ring gets widened. Only can Internal Gear move freely under this condition.
- 1-3. By inserting Power-lock Ring Bolt (Wrench bolt with the length of 8mm x 20) and tightening it in right direction. Power-lock Ring gets widened Rotation Disc & Power-lock can be easily assembled.

2 Assembling Pressure Plate External Gear and Internal Gearing

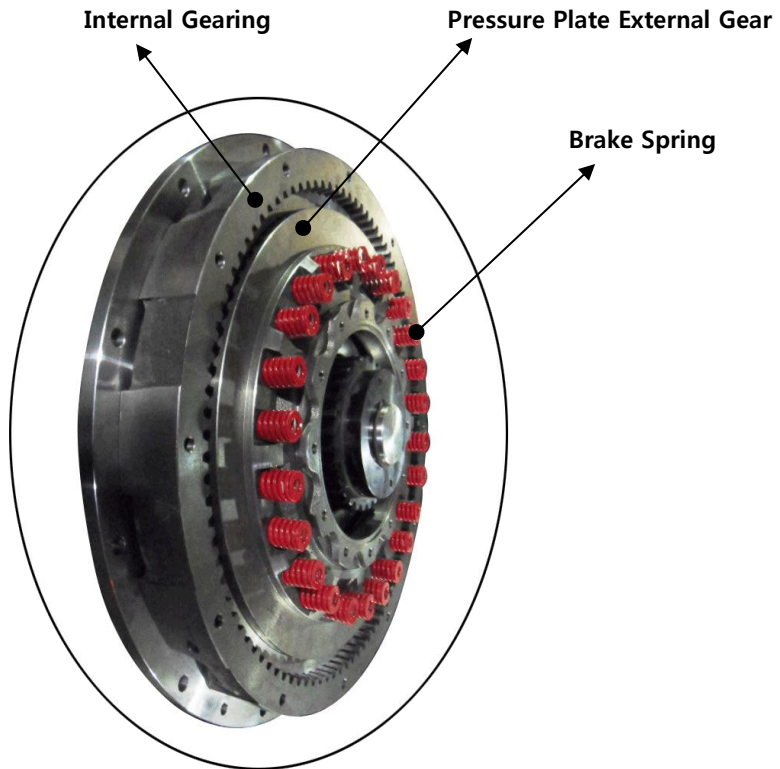


- 2-1. Combine Pressure Plate External Gear and Internal Gearing.

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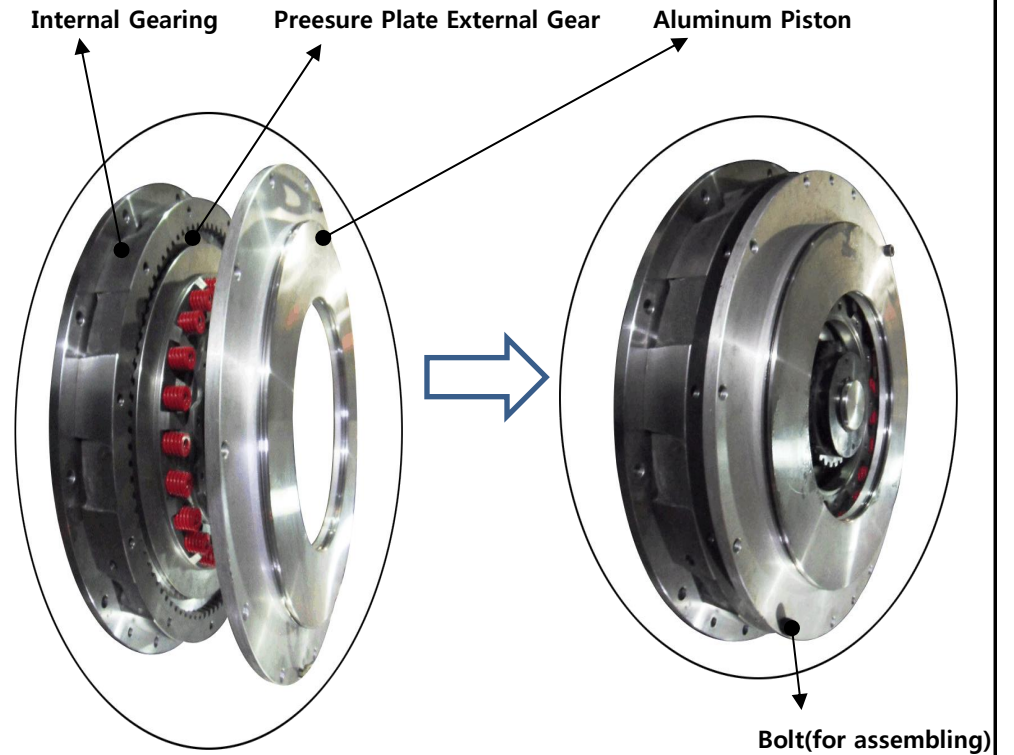
Manual for Assembling PART 2 of 3

3 Inserting Brake Spring



3-1. Array Brake Spring on the groove above Pressure Plate.

4 Assembling Aluminum Piston and Internal Gearing

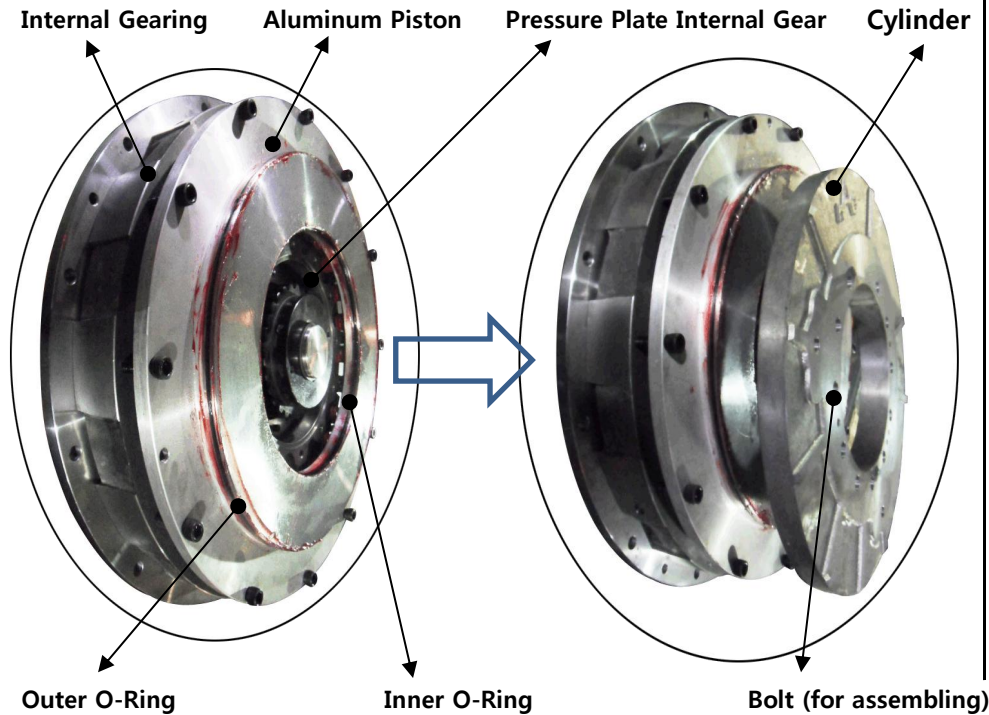


4-1. Tighten the Aluminum Piston to Internal Gearing by assembling screw with bolts.

SAFETY AIR BRAKE manual - HABB type

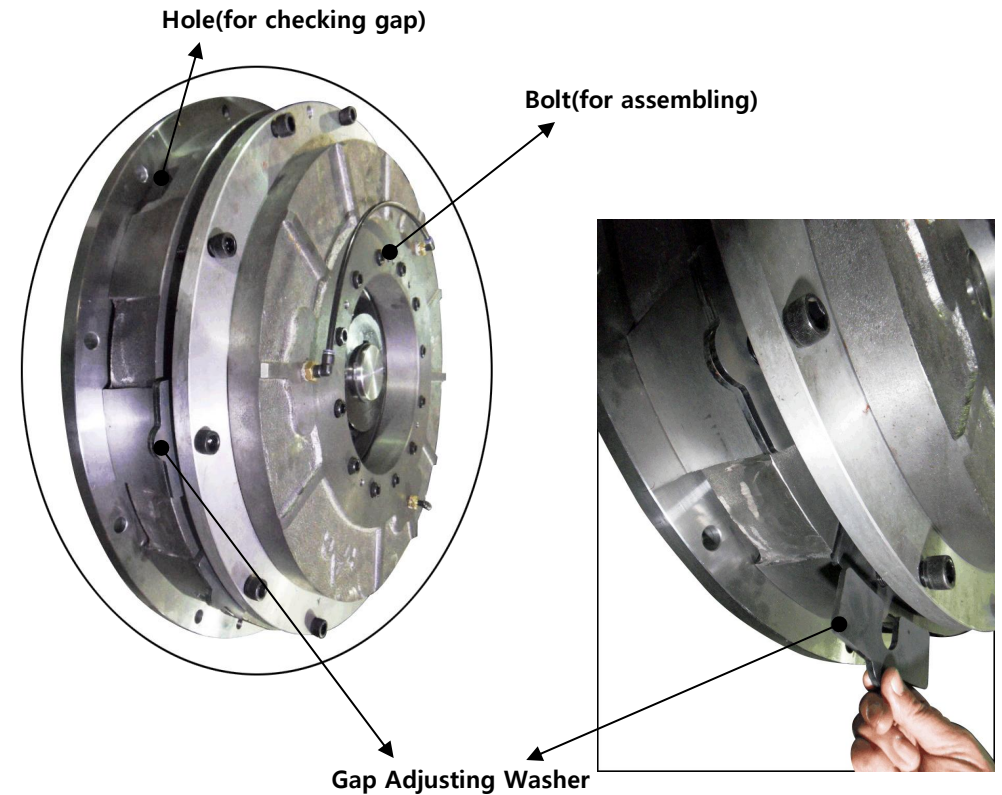
Manual for Assmebling PART 3 of 3

5 Assembling Cylinder, Aluminum Piston and Pressure Plate External Gear



5-1. After inserting Inner/Outer O-Ring and applying grease, fasten the bolt at the point where the screw located inside the Pressure Plate and the hole inside the Cylinder meet. To facilitate assembling O-Ring, make sure to keep balance of power when assembling it with the Cylinder.

6 Assembling Gap Washer



6-1. Adjust the gap to be within 4~6mm by using Gap Adjusting Washer. □
(Check the outer space of Ring to measure gap)
(If possible, supply air pressure manually)

※ After assembling the PART, make sure to adjust auto-gap or power-lock as specified in the manual for assembling auto-gap(power-lock) device.