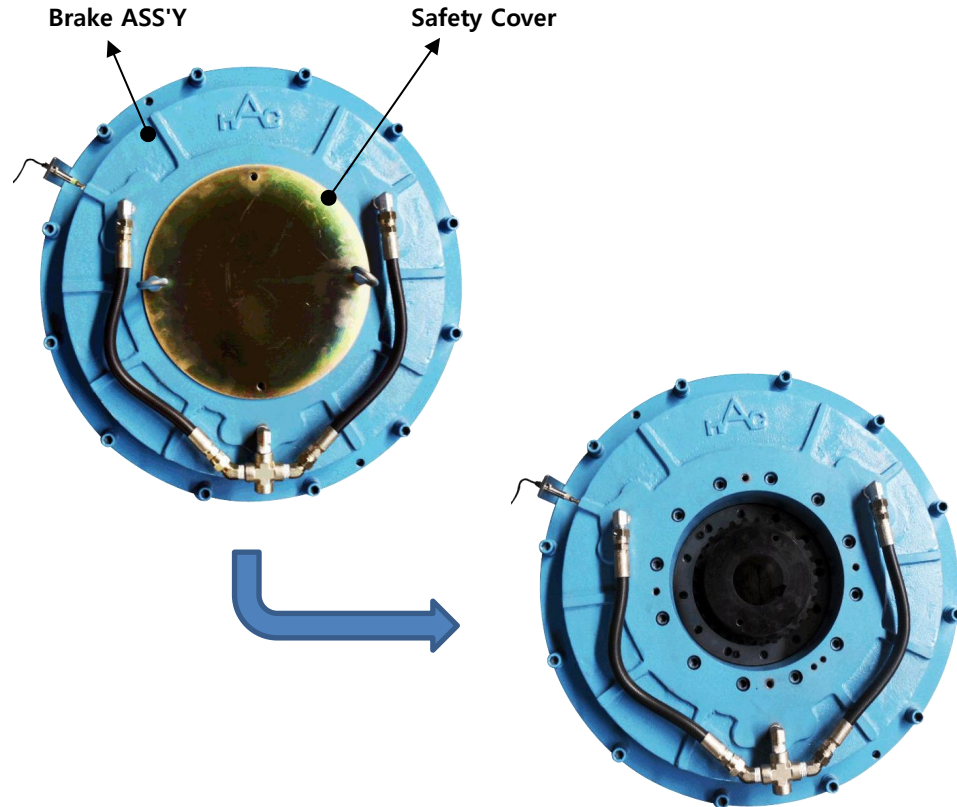


SAFETY AIR BRAKE manual - HABB type

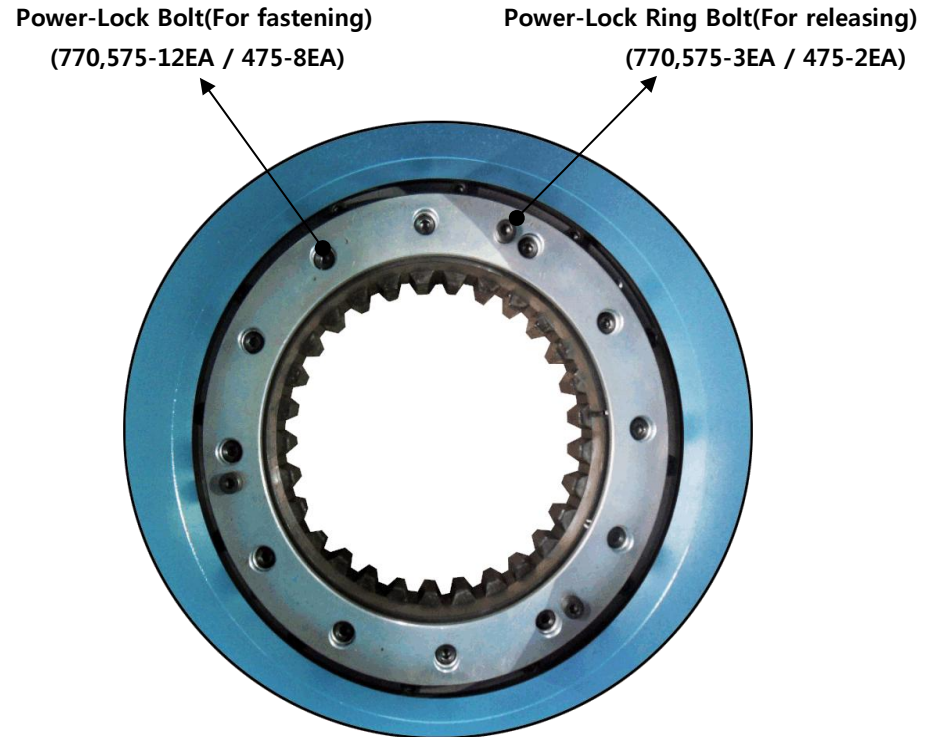
Manual for Adjusting Auto-gap(Power-Lock) 1 of 4

1 Disassembling Safety Cover



1-1 At first, disassemble Safety Cover.

2 Power-Lock Ring Bolt (for fastening)



Façade of Rotation Disk & Power-Lock

2-1. Loosen Power-Lock Bolt(for fastening) 4~5 times in left direction.
However, the bolt should not be loosened entirely.

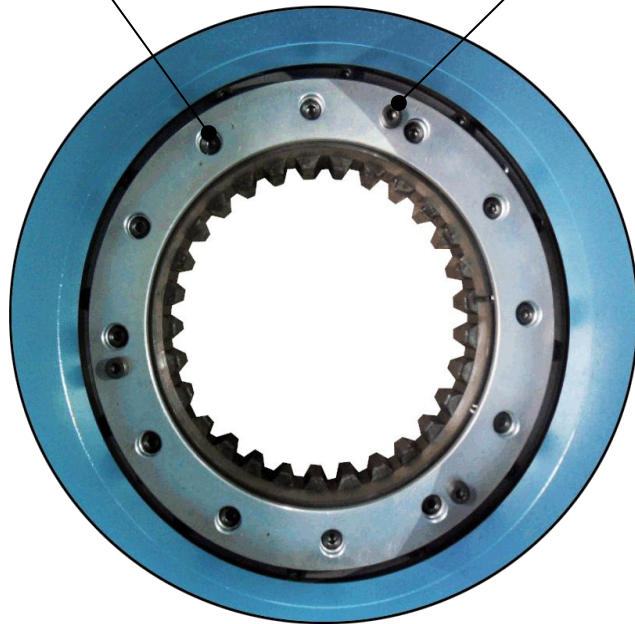
SAFETY AIR BRAKE manual - HABB type

Manual for Adjusting Auto-gap(Power-Lock) 2 of 4

3 Power-Lock Ring Bolt(for releasing)

Power-Lock Bolt(for fastening)
(770,575-12EA / 475-8EA)

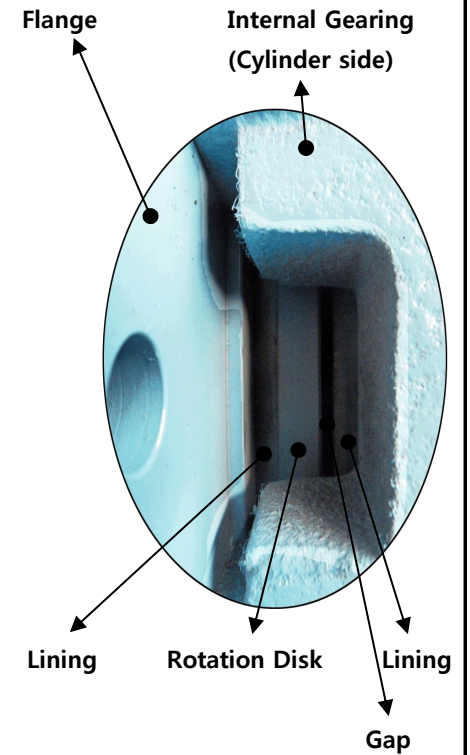
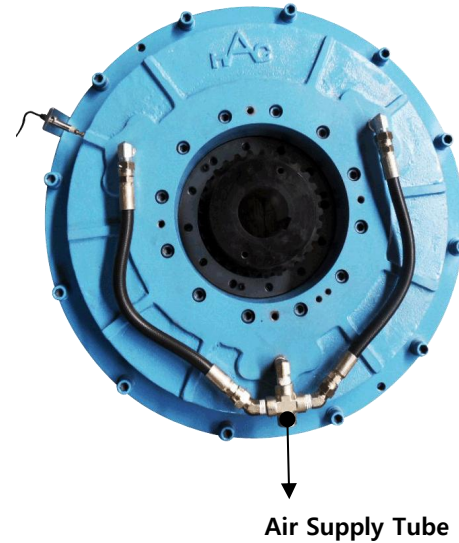
Power-Lock Ring Bolt(for releasing)
(770,575-3EA / 475-2EA)



Façade of Rotation Disk & Power-Lock

3-1. Fasten Power-Lock Ring Bolt to the fullest in right direction and release Power-Lock Ring.
(Wrench Bolt with the length of 8mm x 20mm is used)

4 Gap Formation

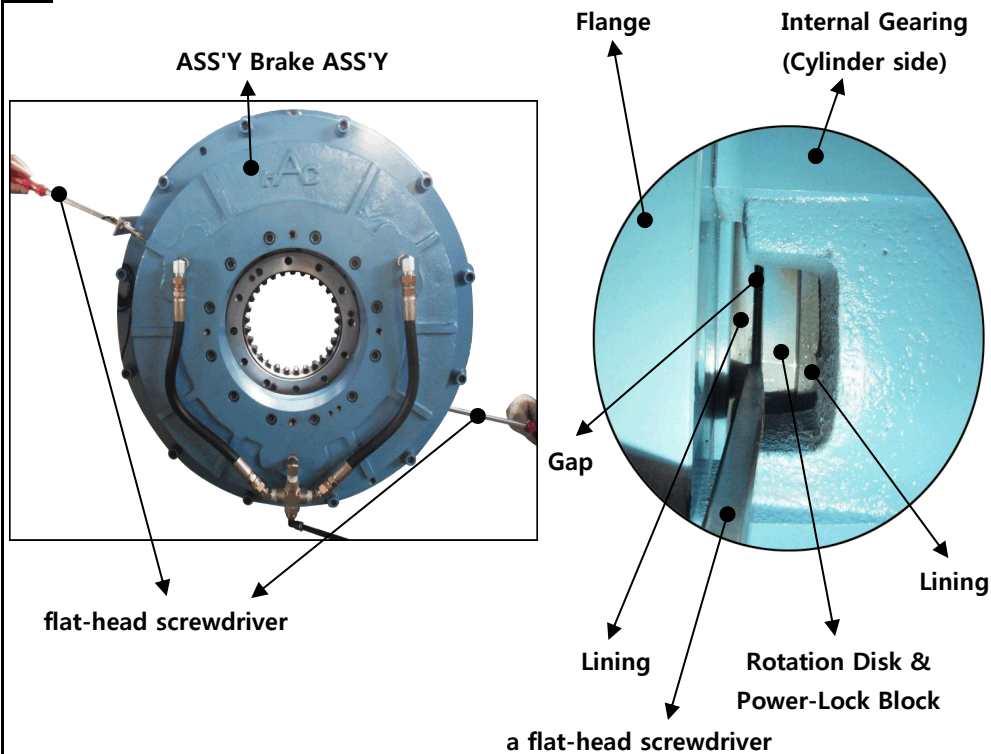


4-1. By supplying air pressure (4.6kgf/Cm²) to Air Supply Tube, cylinder gets outside forming a gap.

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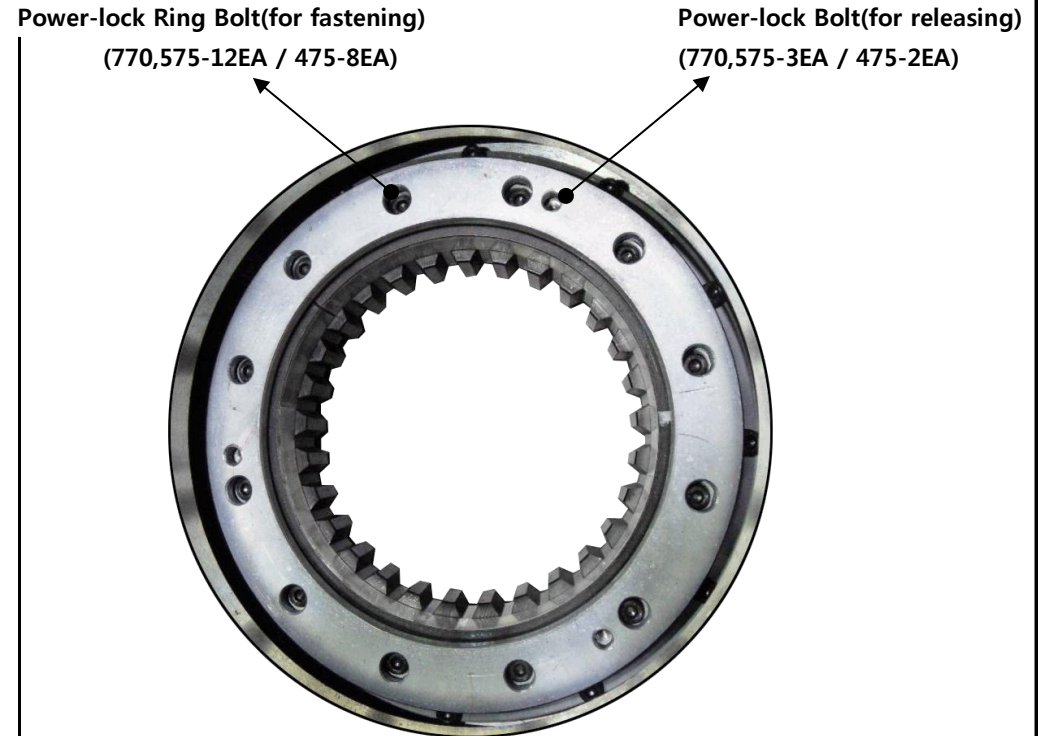
Manual for Adjusting Auto-gap(Power-Lock) 3 of 4

5 Adjusting Auto-gap(Power-Lock) Unit



5-1. With a flat-head screwdriver 2EA, let the Auto-gap combined with Rotation disc and Power-lock Block to move toward the Cylinder and attach the disc toward the Cylinder using rectangular space in the Gearing.

6 Adjusting Auto-gap(Power-Lock) Unit



Façade of Rotation Disk & Power-lock

6-1. Disassemble Power-lock Ring Bolt 3EA completely and remove it.

SAFETY AIR BRAKE manual - HABB type

Manual for Adjusting Auto-gap(Power-Lock) 4 of 4

7 Adjusting Auto-gap(Power-lock) Unit

Power-lock Ring Bolt(for fastening)
(770,575-12EA / 475-8EA)

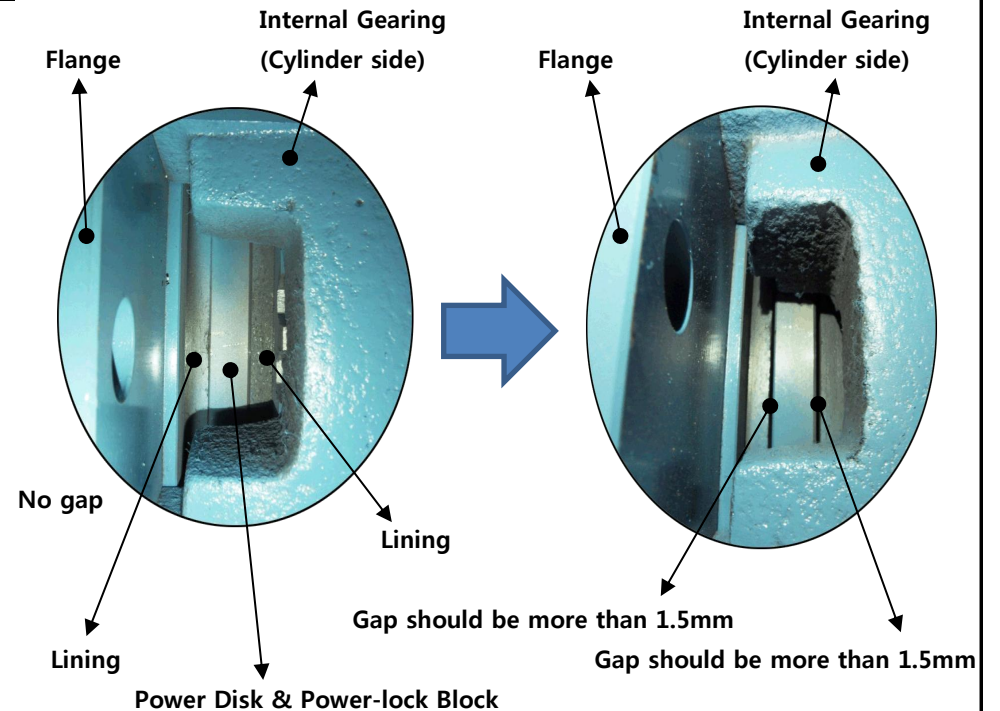
Power-lock Ring Bolt(for releasing)
(770,575-3EA / 475-2EA)



Façade of Rotation Disk & Power-lock

7-1. Fasten Power-lock Ring Bolt 12 EA in all directions maintaining balance.
Make sure to fasten the bolt equally (about 90%) in each direction.

8 Checking gap



Air pressure is shut down at this point.

Air pressure is supplied.

8-1. After putting on the brake by shutting down the air, Supply the air again and check the gap (Repeat this 2~3 times). The disc should be positioned at the center or a gap of more than 1.5mm should be maintained so that the disc is not interfered during rotation.

If the disc is interfered during rotation or if the gap is not maintained, start over with the process above(2~3times).

※ Check the regular gap and tighten Power-lock Bolt(12EA) to the fullest as explained in 7-1.