

5 Check, Adjustments, Maintenance

Danger

- When you conduct checking, adjustment, maintenance, make sure to turn off the power. Otherwise it may result in injury or electric hazard.

Warning

- The covers that you had removed during inspections, adjustment, maintenance, make sure to assemble them again.
If not, it may result in injury.

5.1 Pre operation check

- Perform checking in accordance with the following pre operation check.
If something wrong, adjust or do maintenance.
For the operation that is not mentioned in this "Instruction Manual", contact the company where you bought from.

Items for pre operation check	Page	Remark
Slack or damage in the motor V-belt	P.47	
Clean the outlet	P.48	

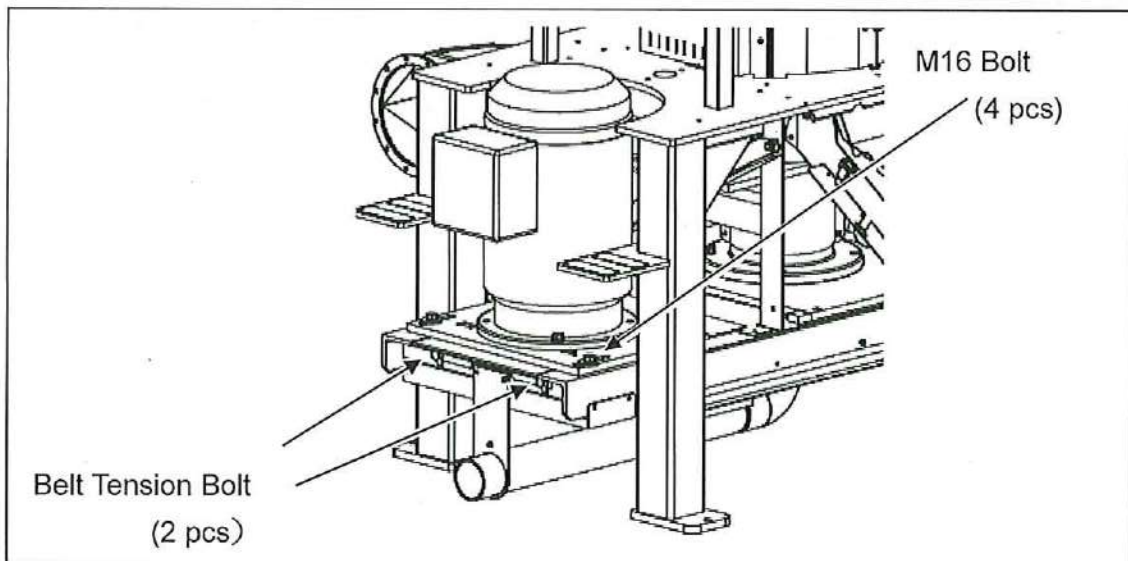
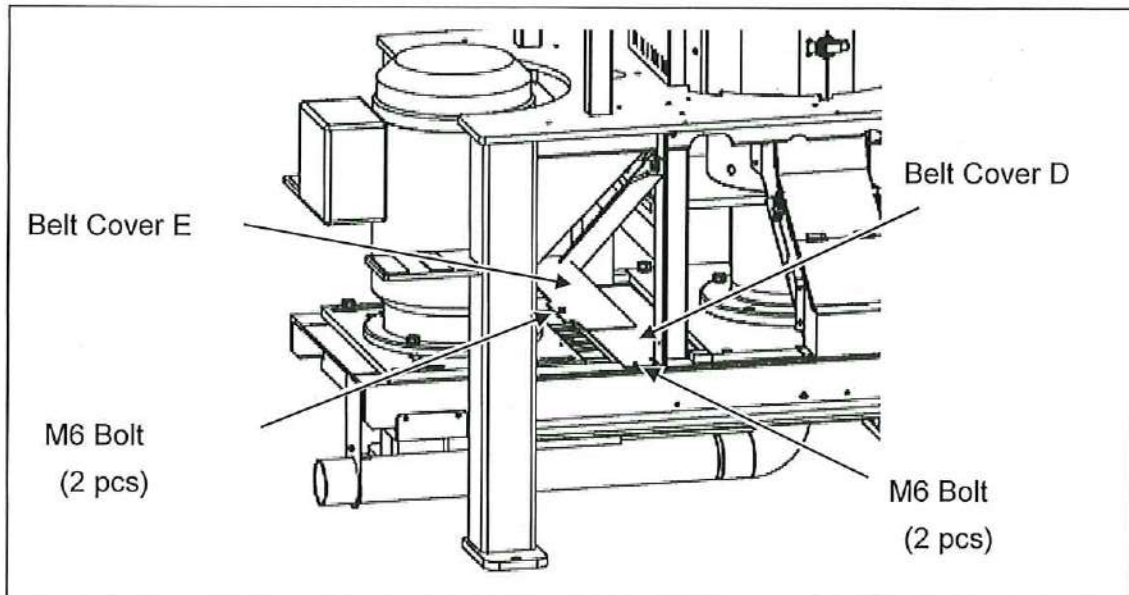
5.2 Regular check table

- Perform checking in accordance with the following regular check table.
The check timeline is the recommendation based on 8 operating hours per day.

Items for regular check	Check period		Reference page	Remarks
	Weekly	Monthly		
Clean the Bran Removal section.	•		P.49	
Clean the Bran Duct section.	•		P.50	
Clean the Hopper		•	P.51	
Clean the Blower Fan Filter.		•	P.52	
Check for damaged wires and retighten the terminal block		•	P.53	

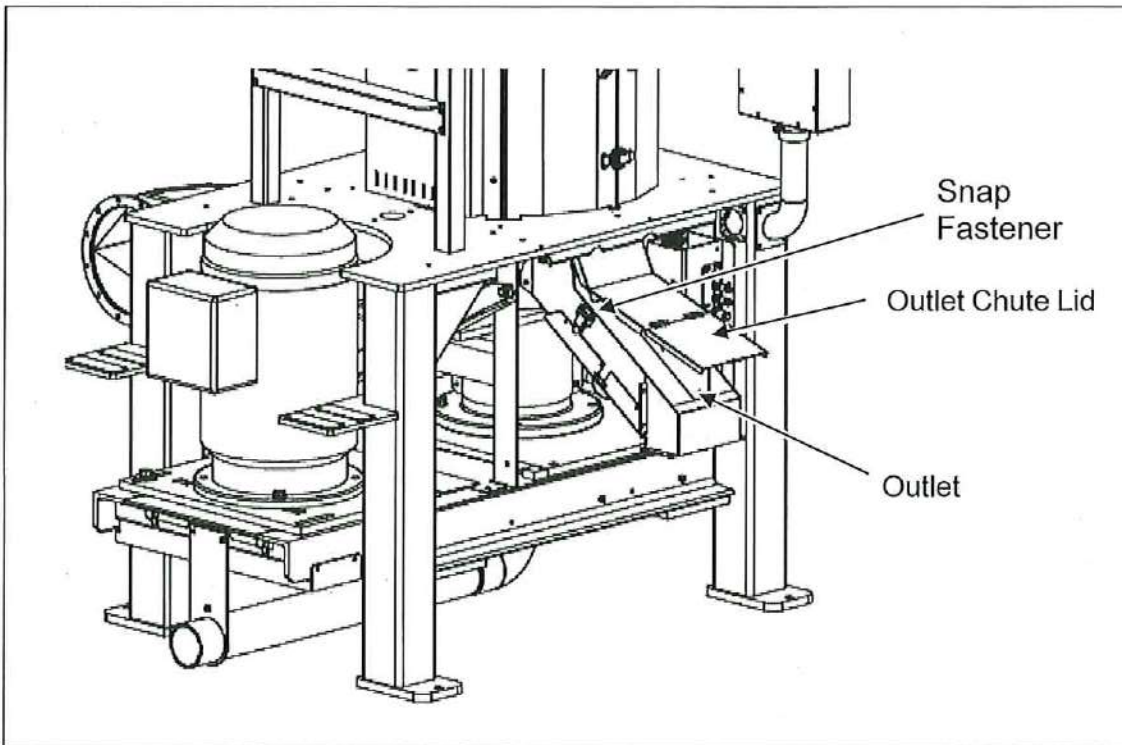
5.3 Check, Adjustment, Maintenance

5.3.1 Tension adjustment for motor V-belt



- ① Remove the Belt Cover D, E and Check whether V Belt is loosen or has damage.
 - For taking out Belt Cover D, E, remove the Bolt M6 (4 pcs) first.
- ② If there is slack, use accessory wrench to loosen Bolt M16 on the tension bolts and tighten the Belt Tension Bolt to prevent slipping
- ③ Tighten Motor Fixing Bolt M16 (4 pcs) firmly.
- ④ Put the Belt Cover D, E in the original position.

5.3.2 Cleaning the Outlet



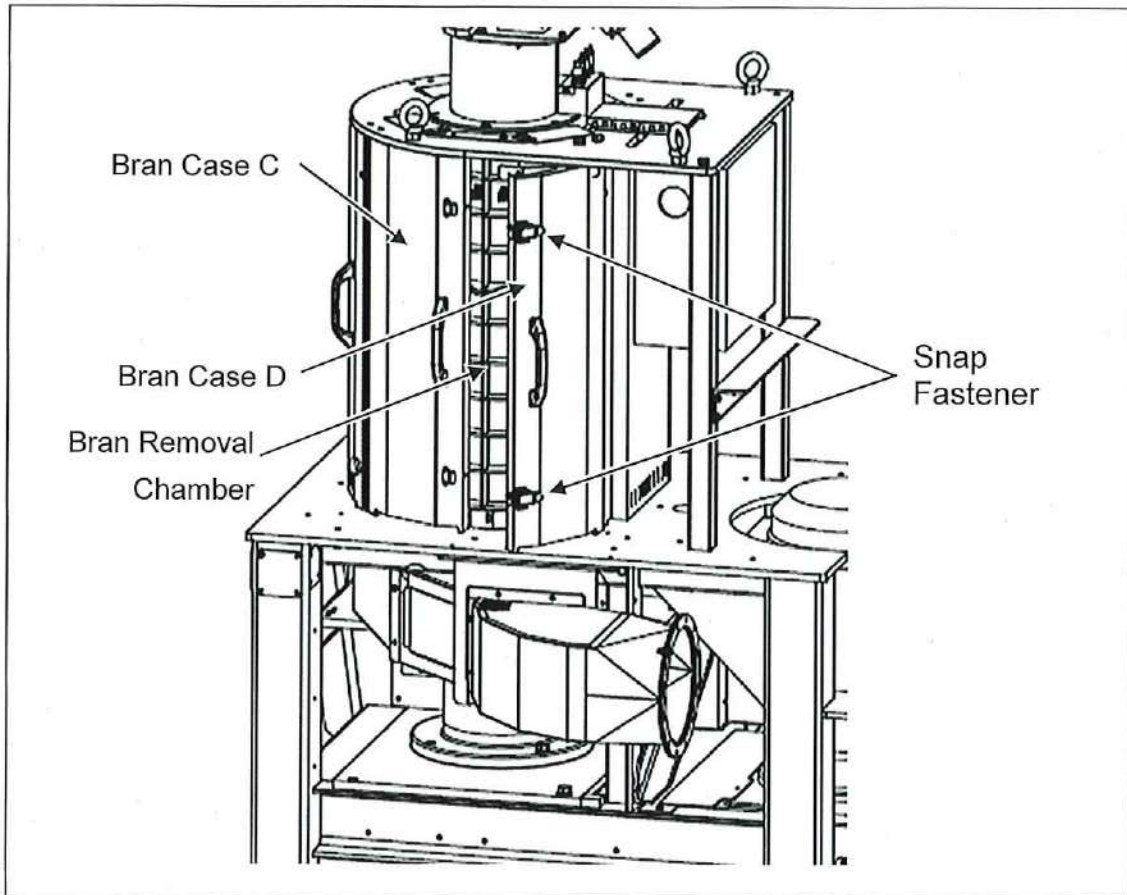
- ① Unfasten the Snap Fastener (2 pcs), remove Outlet Chute Lid and wipe away any bran inside the Outlet.

NOTE

- Do not use metal scrapers or brushes.
Bran will stick easier to scratched surface.

- ② Reassemble the Outlet Chute Lid in that original position.

5.3.3 Cleaning the Bran Removal section



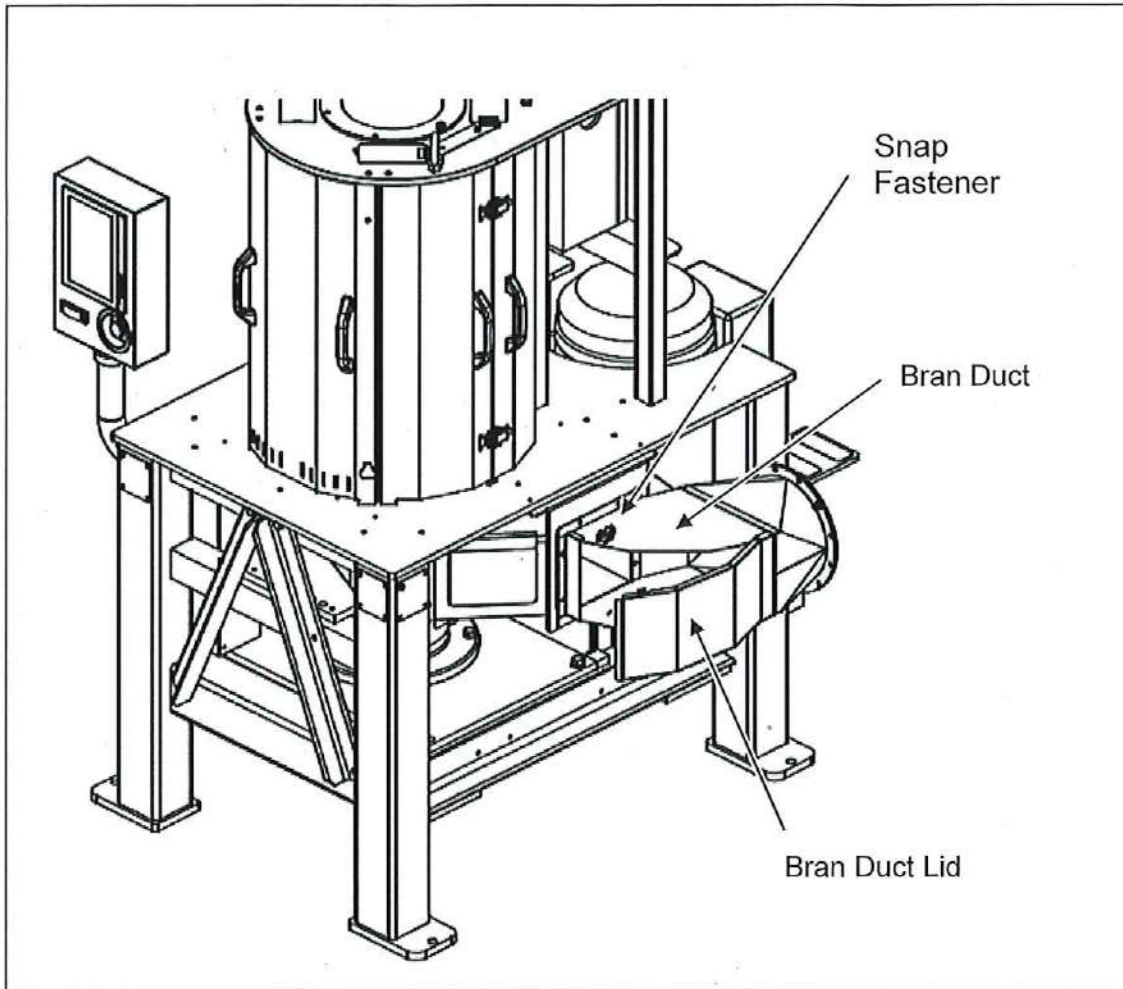
- ① Unfasten the Snap Fastener (2 pcs), remove the Bran Removal Case C, D and wipe away any bran inside the Bran Cases. Clean the opposite side case as well.

NOTE

- Do not use metal scrapers or brushes.
Bran will stick easier to scratched surface.

- ② Using a blow gun or vacuum cleaner, clean any bran on the Bran Removal Chamber, the Screen Holder, and the Screen. (Refer to page 59)
 - When using a blow gun, start the bran removal equipment (bag filter, etc.) at the set static pressure.
- ③ Reassemble Bran Case C, D in their original positions.

5.3.4 Cleaning the Bran Duct



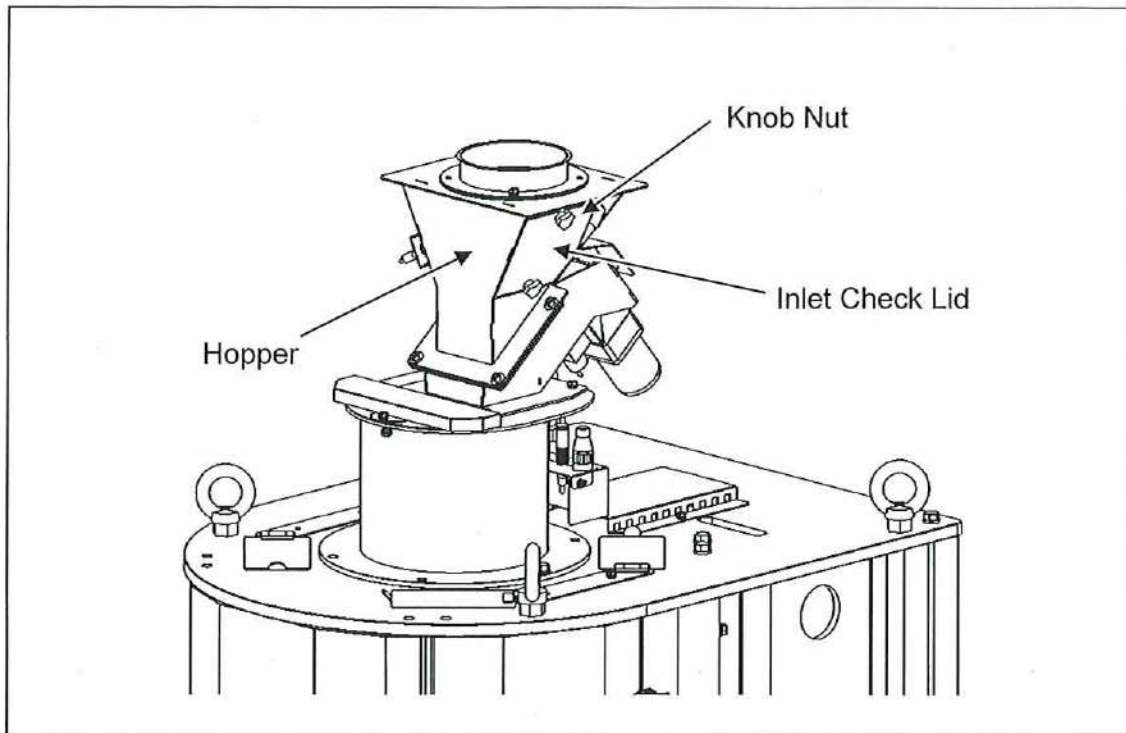
- ① Unfasten the Snap Fastener (2 pcs), remove the Bran Duct Lid and wipe away any bran inside Bran Duct Lid, Bran Duct.

NOTE

- Do not use metal scrapers or brushes.
Bran will stick easier to scratched surface.

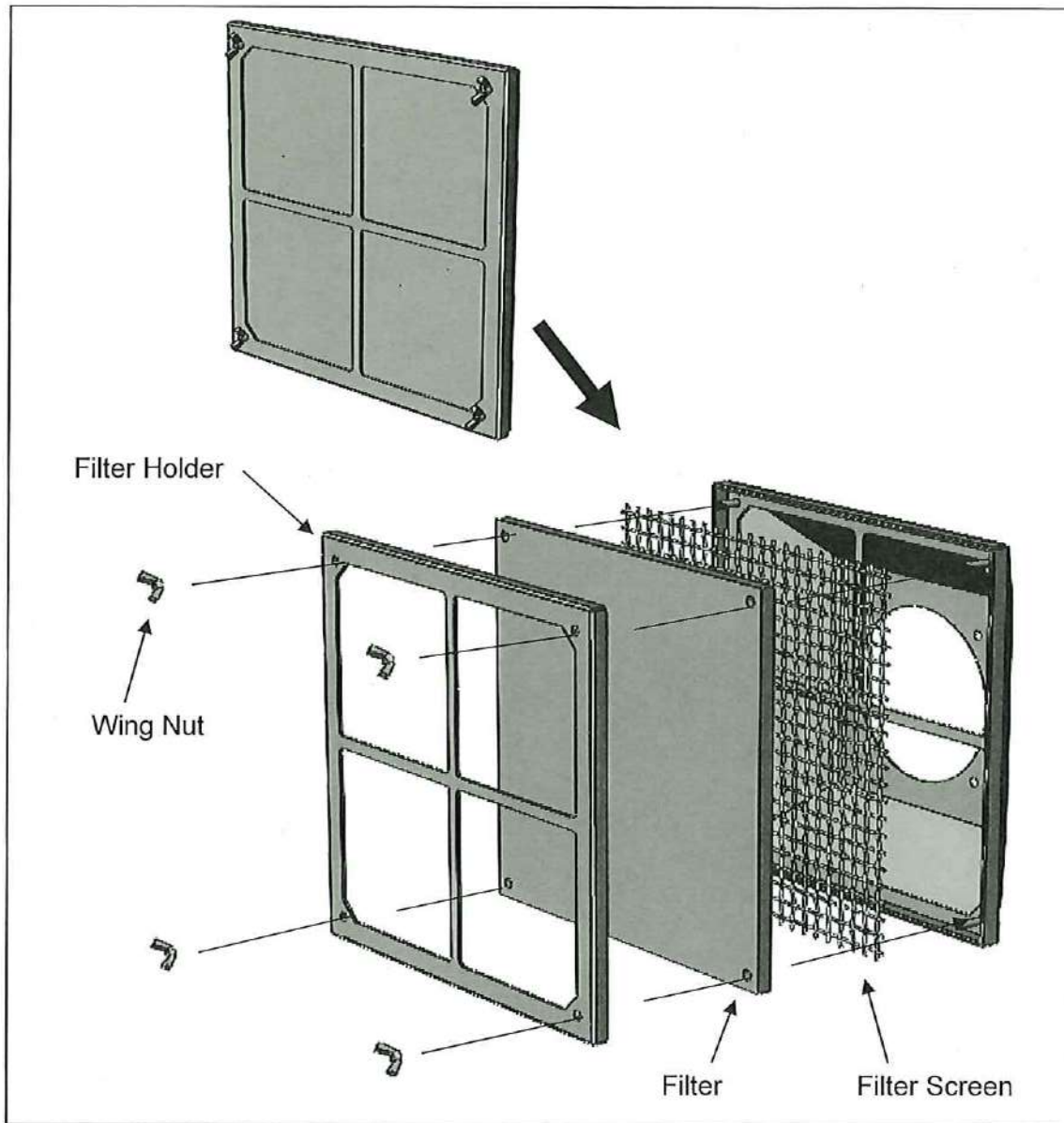
- ② Using a blow gun or vacuum cleaner, clean any bran on the Bran Duct.
- ③ Reassemble Bran Duct Lid in that original position.

5.3.5 Cleaning the Hopper



- ① Remove the Knob Nut (2 pcs), Inlet Check Lid and take out foreign matters (Bran ball etc.) inside Hopper.
- ② Reassemble the Inlet Check Lid in that original position.

5.3.6 Cleaning the Blower Fan Filter



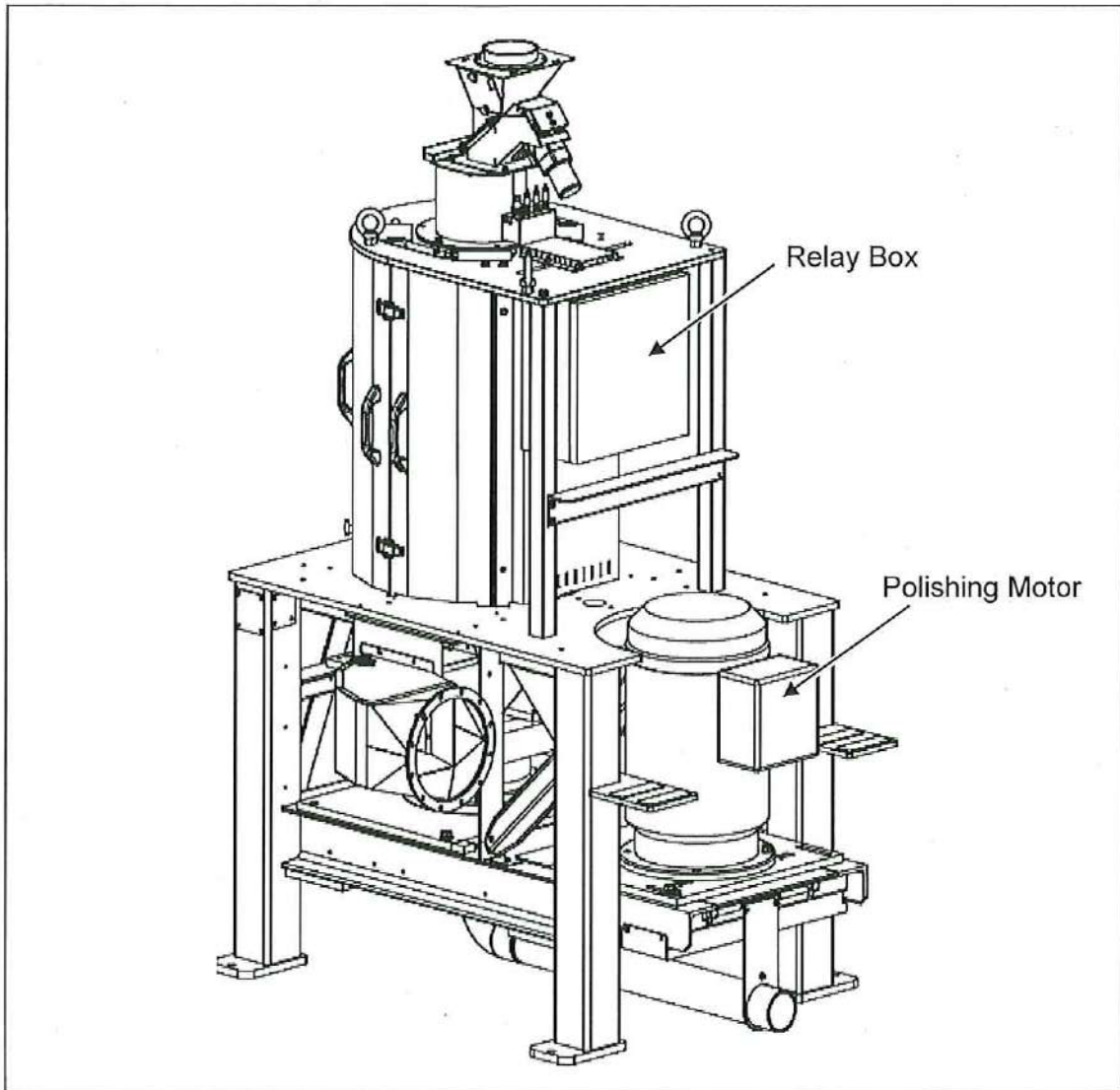
- ① Vacuum the dust on the filter with a vacuum cleaner. Alternatively, remove the wing nuts (4 pcs), remove the filter, and clean it with a blow gun.
 - Replace it when it is damaged or when the dust cannot be removed.

NOTE

- Do not use a blow gun on the filter while the filter is attached to the blower fan.

- ② Reassemble the parts in their original position.

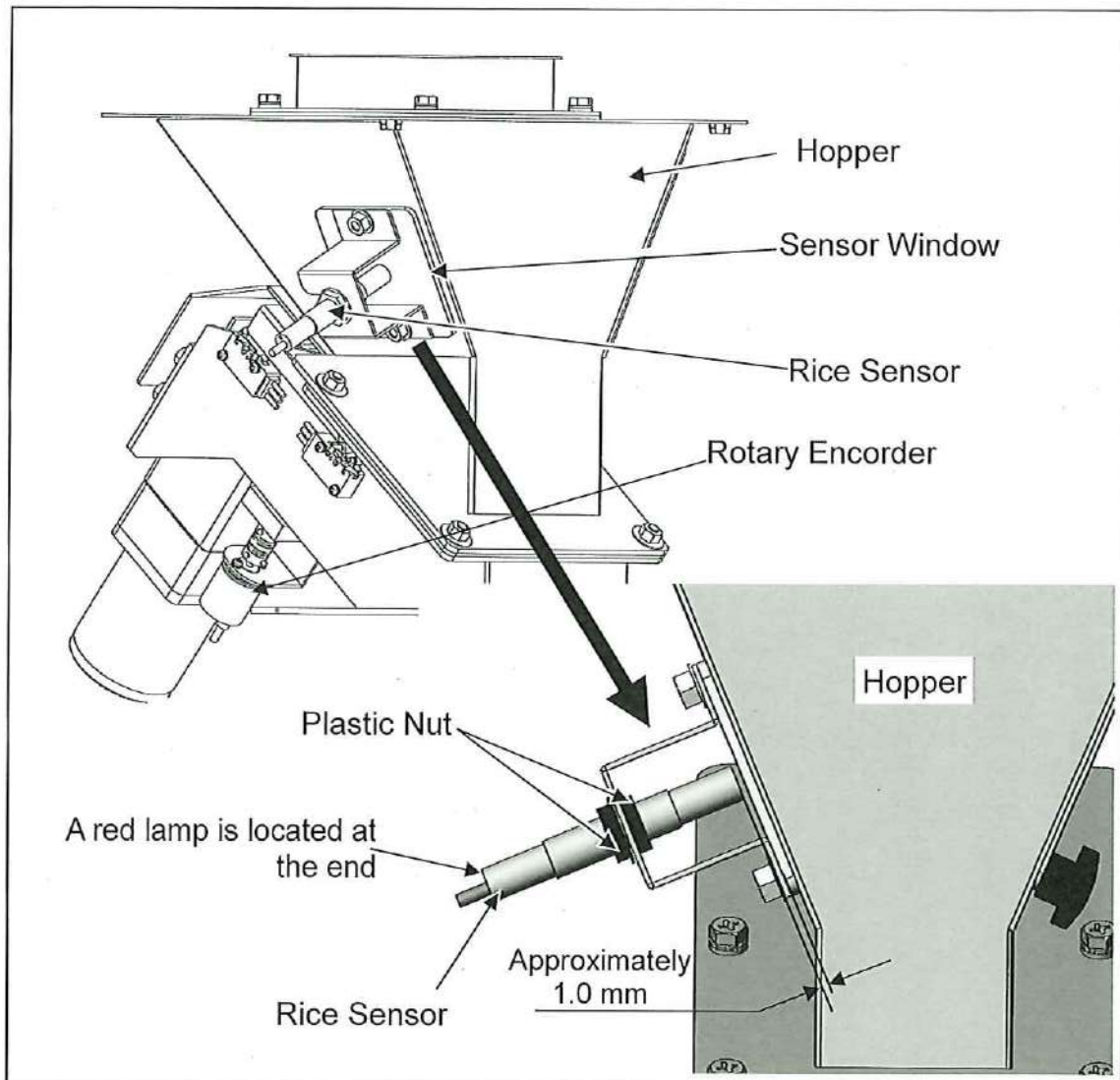
5.3.7 Checking for damaged wires and retightening the terminal block



- ① Open the Relay Box door and check the relay box for damaged wires, then tighten the terminal block.

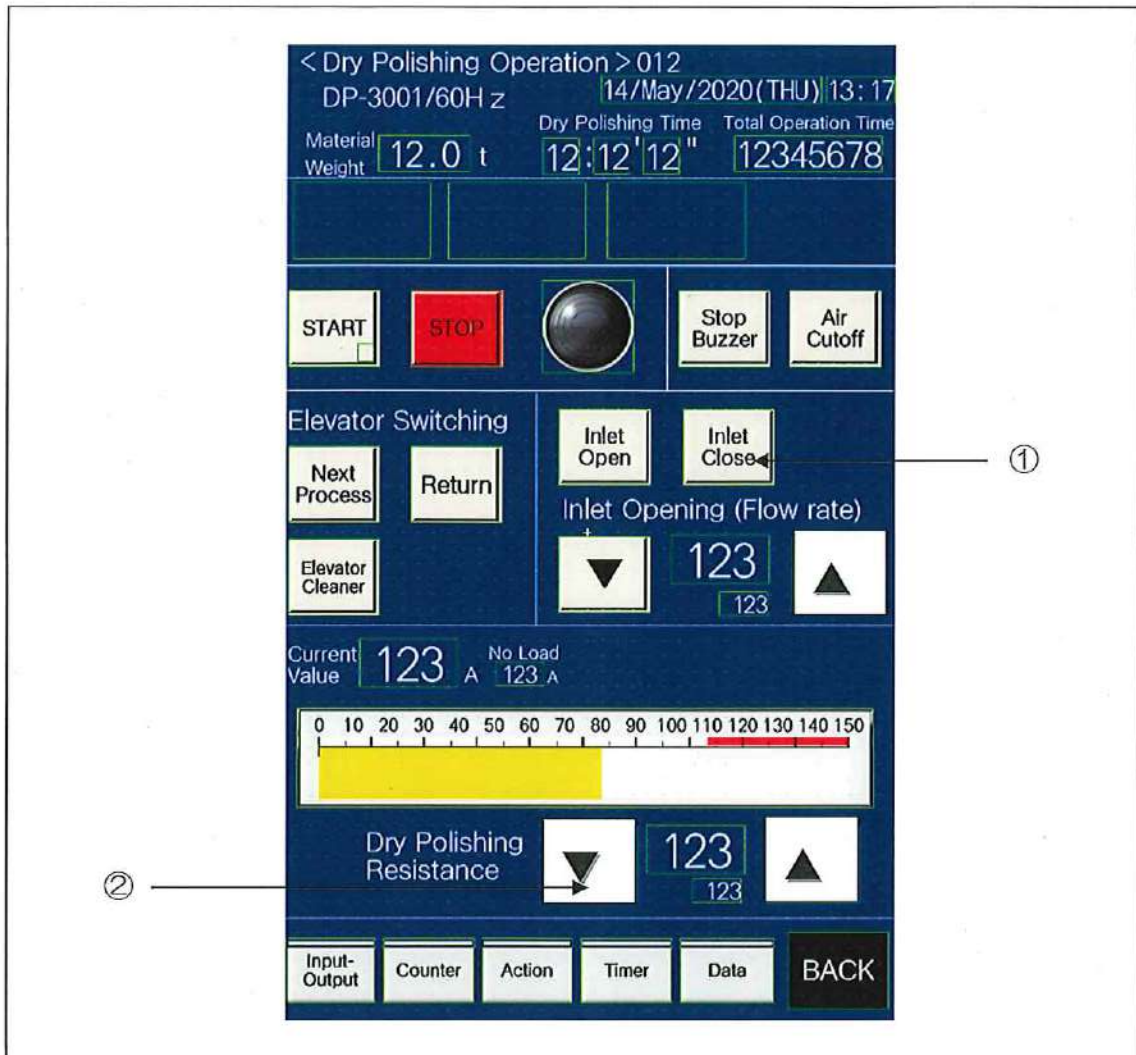
- ② Check the polishing motor wires for damage.

5.3.8 Adjusting the Rice Sensor



- ① Loosen the plastic nuts on the Rice Sensor and set the sensor approx. 1 mm with the sensor window.
- Check whether the Rice light in the <Dry Polishing operations> screen indicates that materials are present in accordance with the presence or absence of raw materials.
 - Increasing the distance from the sensor window will impede detection.

5.3.9 When rice is stuck



- ① Check whether the inlet is closed.
If open, press the button to close it.
- ② Press Dry Polishing Resistance button and set Dry polishing Resistance to 0 (zero).
 - Rice is discharged from the Dry Polishing section.

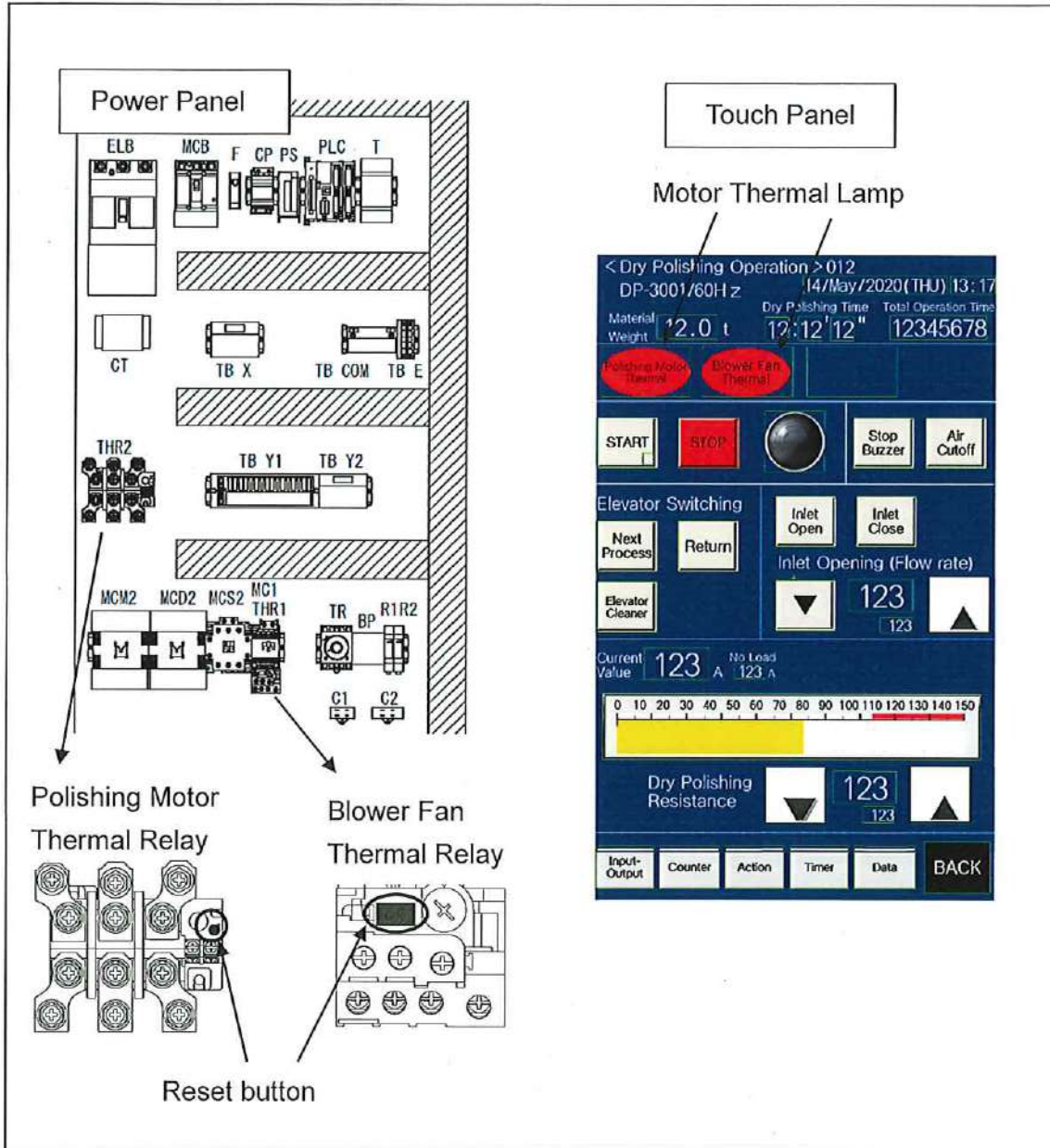
NOTE

- If the rice is not discharged, turn the power off and turn the V-belt of the Polishing Motor to discharge the rice.
If the rice is still not discharged, remove the screen.
(See "5.3.1 Tension adjustment for motor V-belt" on page 47.)

- ③ Reset thermal relay on the standard power panel.
(Refer to 5.3.10 「Thermal relay reset」 on page 56.)

5.3.10 Thermal relay reset

- After removing the stuck rice, reset the thermal relay.
- Thermal Relay is inside Power Panel.



- ① Turn the power off and press reset button THR1 when the blower fan motor has thermally tripped and press reset button THR3 when the dry polishing motor has thermally tripped.
 - When reset, each Motor thermal light on the touch panel will turn off.