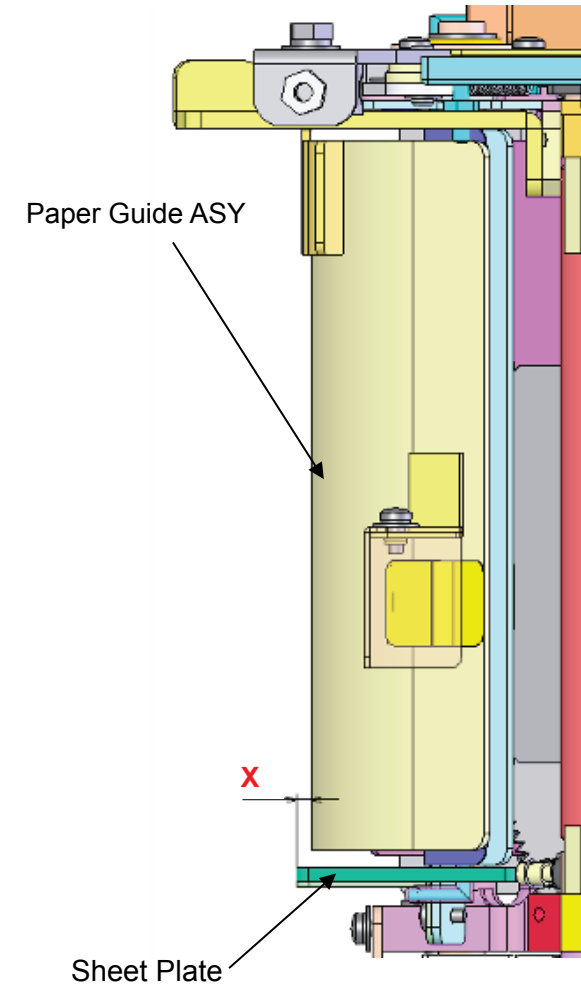
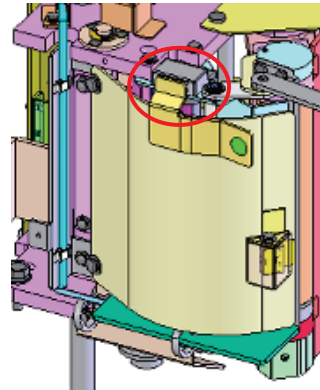


4-4. Wrapping Section Adjustment

4-4-1A. Adjustment of Paper Guide ASY Position

Related Problem	Paper Jam, Crimp abnormality
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	$X = 2.5 \pm 0.5$
<ol style="list-style-type: none">1. Adjust Magnet Catch position so that the distance of Paper Guide ASY and Sheet Plate is X as the illustration on the right.2. Be sure there is no interference to other parts such as spring plate and Paper Guide Plate. <p>Note: There is a play on Magnet Catch. Therefore the distance should be measured when the Paper Guide ASY closed freely.</p>	

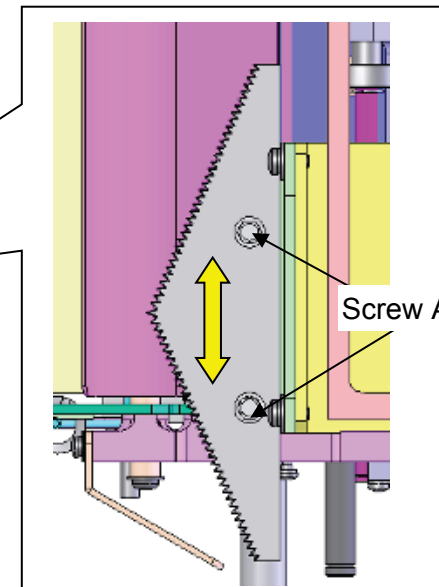
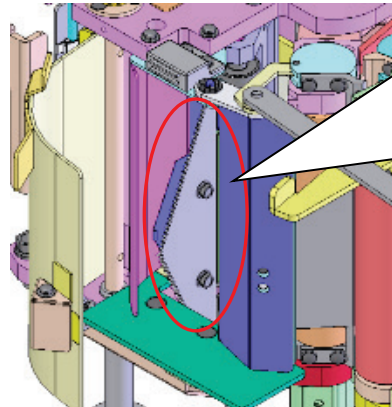
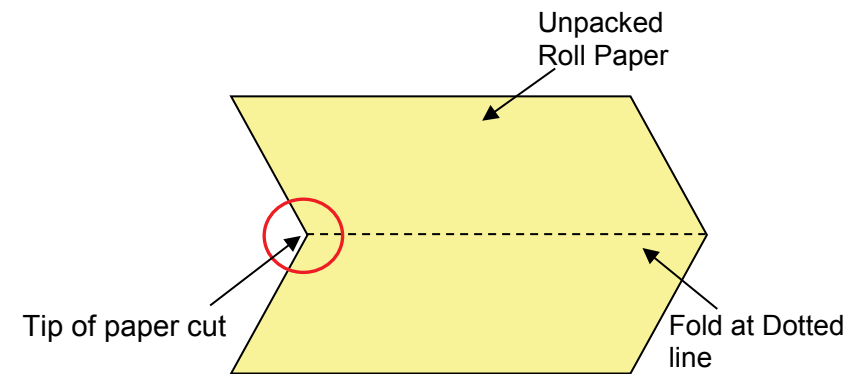
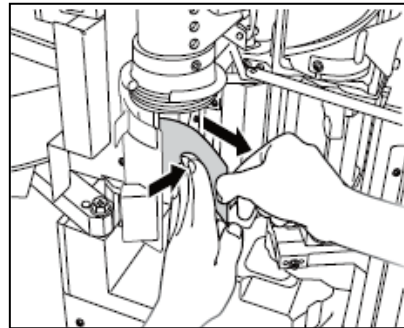


4-4. Wrapping Section Adjustment

4-4-2A. Adjustment of Knife Position

Related Problem	Wrapping abnormality
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	

1. Unpack Roll Coin as illustration on the right.
2. Fold the paper at along with dotted line as illustration on the right.
The dotted line should be in the center of paper.
3. Loosen Screw A. Adjust Knife position to the direction indicated by arrow mark so that the folded line should be in the center of paper.
Fix Knife by Screw A.



4-4. Wrapping Section Adjustment

4-4-3A. Adjustment for Paper Length for $\phi 20\text{mm}$ or less

Related Problem	Paper Jam
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	X=145 + or - 3mm
<p>Note: This adjustment is only for denominations which is $\phi 20\text{mm}$ or less.</p> <ol style="list-style-type: none">1. Enter Maintenance Mode and select 6-10. CHANGE DENOM. INFO.2. Press Wrap Key F4 and make Roll Coin 5 pcs.3. Open 5 pcs of Roll Coin. Make sure minimum paper length is X. If not, change the value for 2) Paper Length + or - and press Save key. (1steps changes = approx. 1.0 mm)4. Repeat step 2 and step 3 till reaching minimum paper length to X.	

MAINTENANCE

1.SYSTEM
2.DATA SET
3.LOGGING
4.DATA CLEAR
5.TEST
6.ADJUSTMENT
7.MEMORY

▼

▲

6. ADJUSTMENT (2/2)

9.COIN TABLE REMAIN
10.CHANGE DENOM. INFO.
11.WHEEL PAD SENSITIVITY
12.JUDGEMENT

▼

▲

6-10.CHANGE DENOM. INFO. (1/2)

Denom : JPN [ϕ 500x 50]
Setting : FFH 1 1 1 1 1 1 1
1)Stack Supplement : ± 999
2)Paper Length : ± 999
3)Aux Coin Table Speed : ± 999
4)Feed Speed : 999 ± 999
5)Coin Table Speed : 999 ± 999
6)Drum Rotation Speed : 999 ± 999

▼

▲

Save

Wrap

Roll Coin X 5

Roll Paper

X=142 ~ 148mm

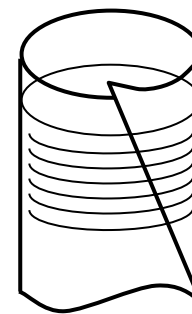
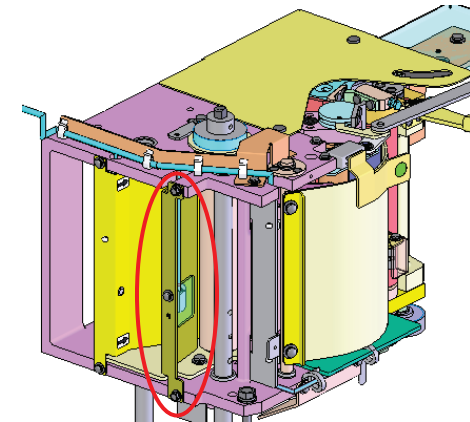
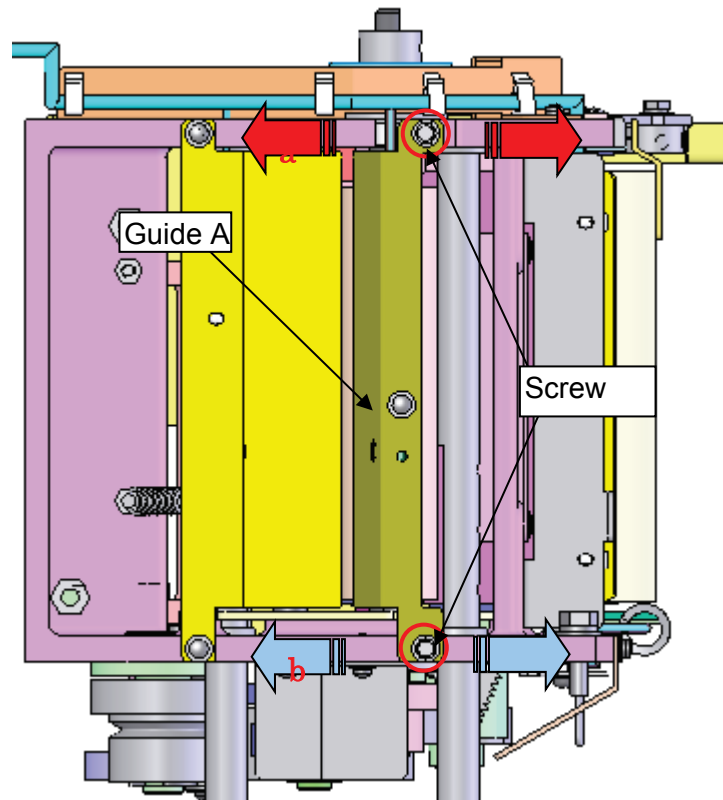
4-4. Wrapping Section Adjustment

4-4-4A. Adjustment of Paper Roll Set Detection

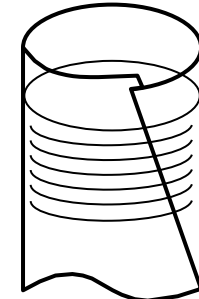
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	

1. Open crimped edge of roll which is shortest height of Roll.
2. In case the paper goes down such as A as illustration on the right, loosen Screw and adjust Guide ASY upward indicated by arrow mark.

In case the paper goes up such as B as illustration on the right, loosen Screw and adjust Guide ASY downward indicated by arrow mark.



A: Paper goes Down



B: Paper goes Up

4-4. Wrapping Section Adjustment

4-4-5A. Adjustment of Paper Roll Set Detection

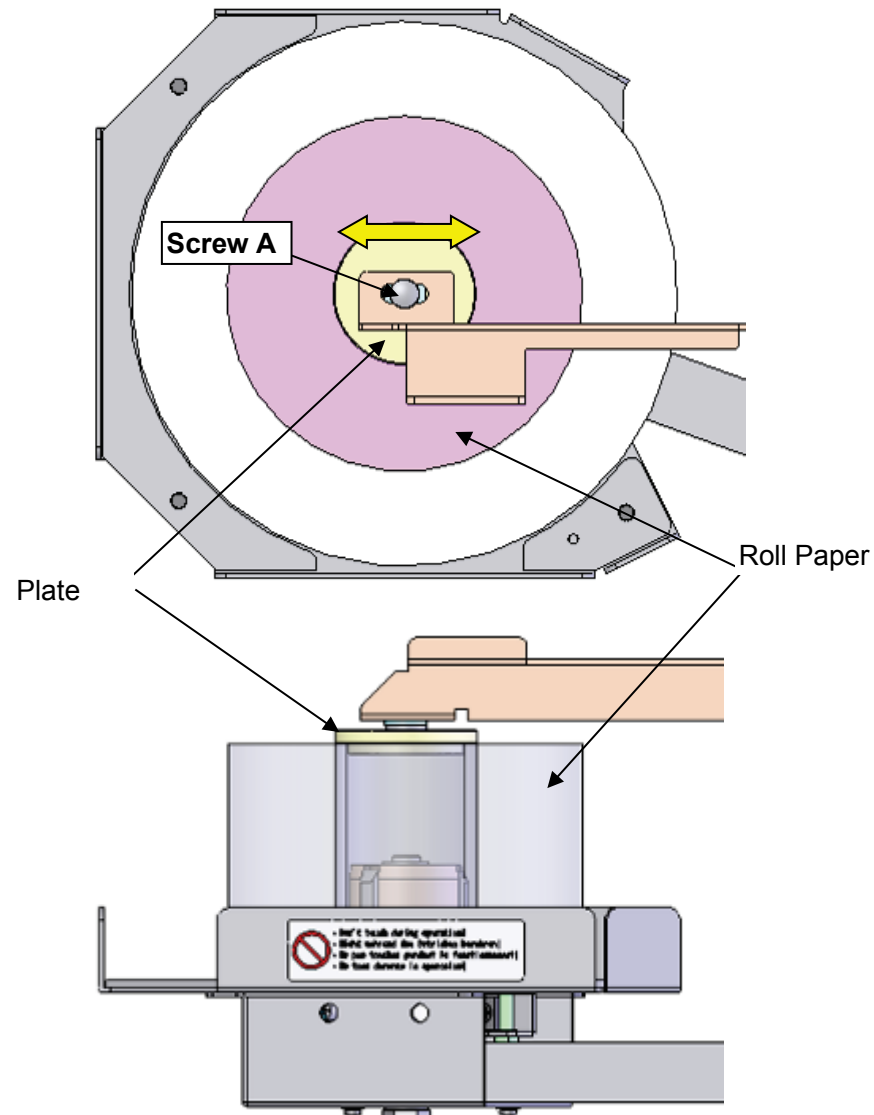
Related Problem	
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	
<p>Note: 4-3-9. Adjustment of Upper Crimp Arm should be performed before this adjustment.</p> <ol style="list-style-type: none"> 1. Enter Maintenance Mode and select 6-7-1. Paper Set Position. Press START/STOP key. 2. Loosen Screw A. 3. Place Gauge 34 on Paper Roll Table. Set Paper Holder Arm on Gauge 34. 4. Adjust Monitor Plate position so that buzzer sound when the Arm is set and buzzer does not sound when the Arm is not set on the Gauge 34. Fix Monitor Plate by Screw A. <p>Note: In case Gauge 34 is not available, use the shortest denomination of Paper Roll.</p>	
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>MAINTENANCE</p> <ol style="list-style-type: none"> 1. SYSTEM 2. DATA SET 3. LOGGING 4. DATA CLEAR 5. TEST <li style="border: 2px solid red;">6. ADJUSTMENT 7. MEMORY </div> <div style="font-size: 2em;">➡</div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>6. ADJUSTMENT (1/2)</p> <ol style="list-style-type: none"> 1. THICKNESS BLOCK HEIGHT 2. SORTING TRACK WIDTH 3. STACK DRUM HOME POSITION 4. STACK WIDTH 5. SUPPLEMENT THICKNESS BLOCK 6. MIN SET <li style="border: 2px solid red;">7. WRAPPING UNIT SENSOR 8. WRAPPING ROLLER POSITION </div> <div style="font-size: 2em;">➡</div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>6-7. WRAPPING UNIT SENSOR</p> <ol style="list-style-type: none"> 1. Paper Set Position : NG 2. Wrapping Roller Position : NG </div> </div> <div style="text-align: center; margin-top: 20px;"> <p style="position: absolute; left: 375px; top: 610px;">Screw A</p> <p style="position: absolute; left: 690px; top: 700px;">Paper Roll Table</p> <p style="position: absolute; left: 460px; top: 845px;">Monitor Plate</p> <div style="border: 1px solid black; padding: 5px; position: absolute; left: 755px; top: 455px;"> <p>Gauge 34</p> <p>Note: Use the gauge with placing the hole upward.</p> </div> </div>	

4-4. Wrapping Section Adjustment

4-4-6A. Adjustment of Plate on Paper Holder Arm

Related Problem	Crimping Abnormality
Work Time	1 minutes
Special Tools	
Standard Value (Unit: mm)	

1. Set Paper Roll to Paper Roll Table.
2. Loosen Screw A. Adjust Plate position so that Plate fit in the Paper Roll core.

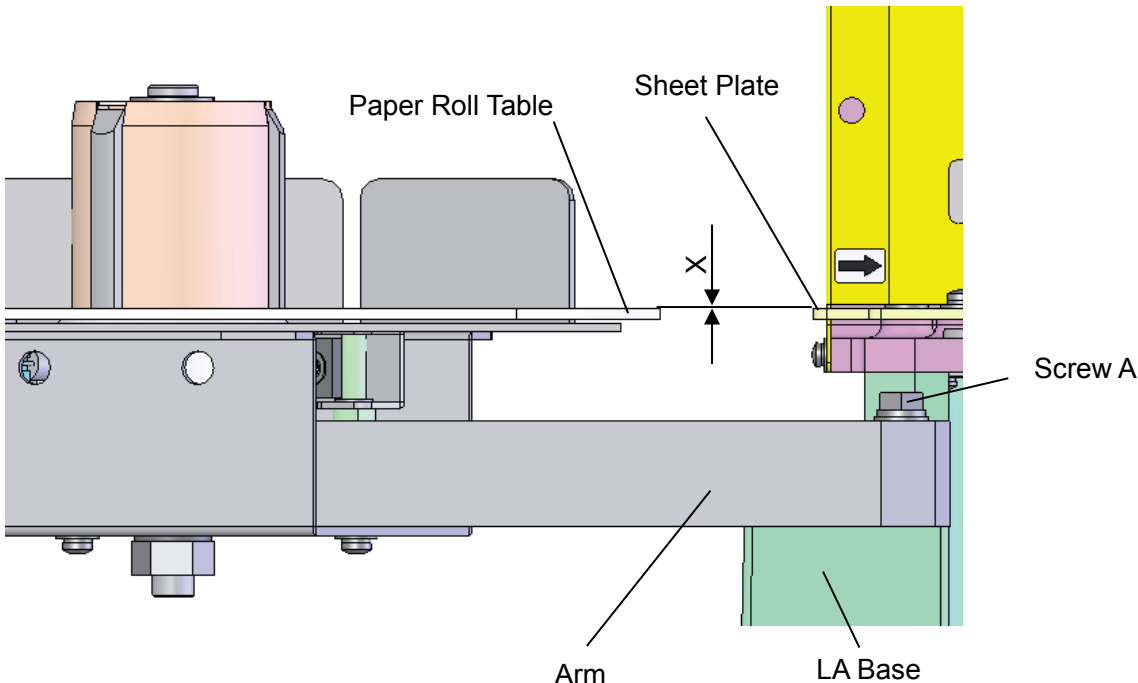


4-4. Wrapping Section Adjustment

Page 7

4-4-7A. Adjustment of Paper Roll Table UNT Level (Standard)

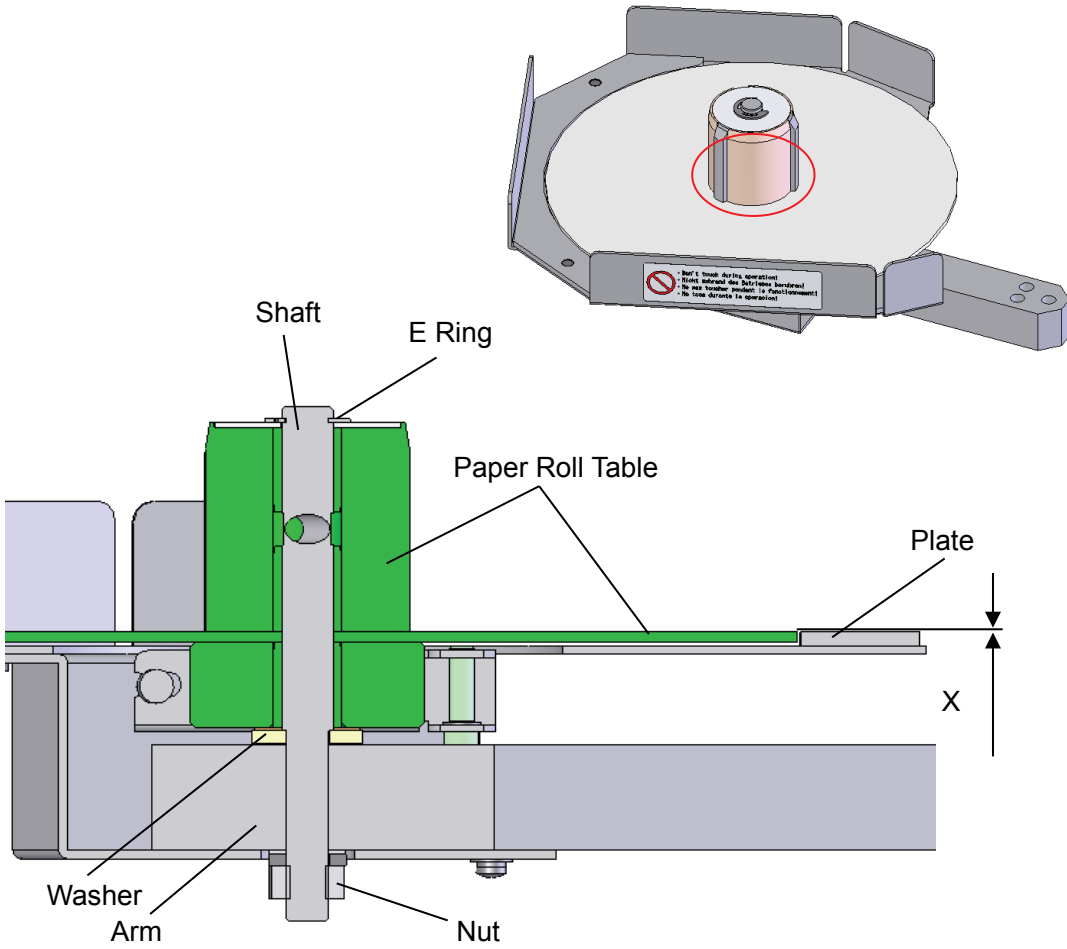
Related Problem	
Work Time	10 minutes
Special Tools	Scale
Standard Value (Unit: mm)	X= 0 to 0.2 mm
<div>1. Check the level of Paper Roll Table UNT and Sheet plate by placing the scale. The gap should be X. If the adjustment is necessary go next step.</div> <div>2. Adjust the level of Paper Roll Table UNT by adding or removing washer between Arm and LA Base so that the gap of two parts is X.</div> <div>Adjustment Washer 8 × 16 × 0.1 MPW81601BS 8 × 16 × 0.2 MPW81602BS</div>	



4-4. Wrapping Section Adjustment

Page 8

4-4-8A. Adjustment of Paper Roll Table ASY Level

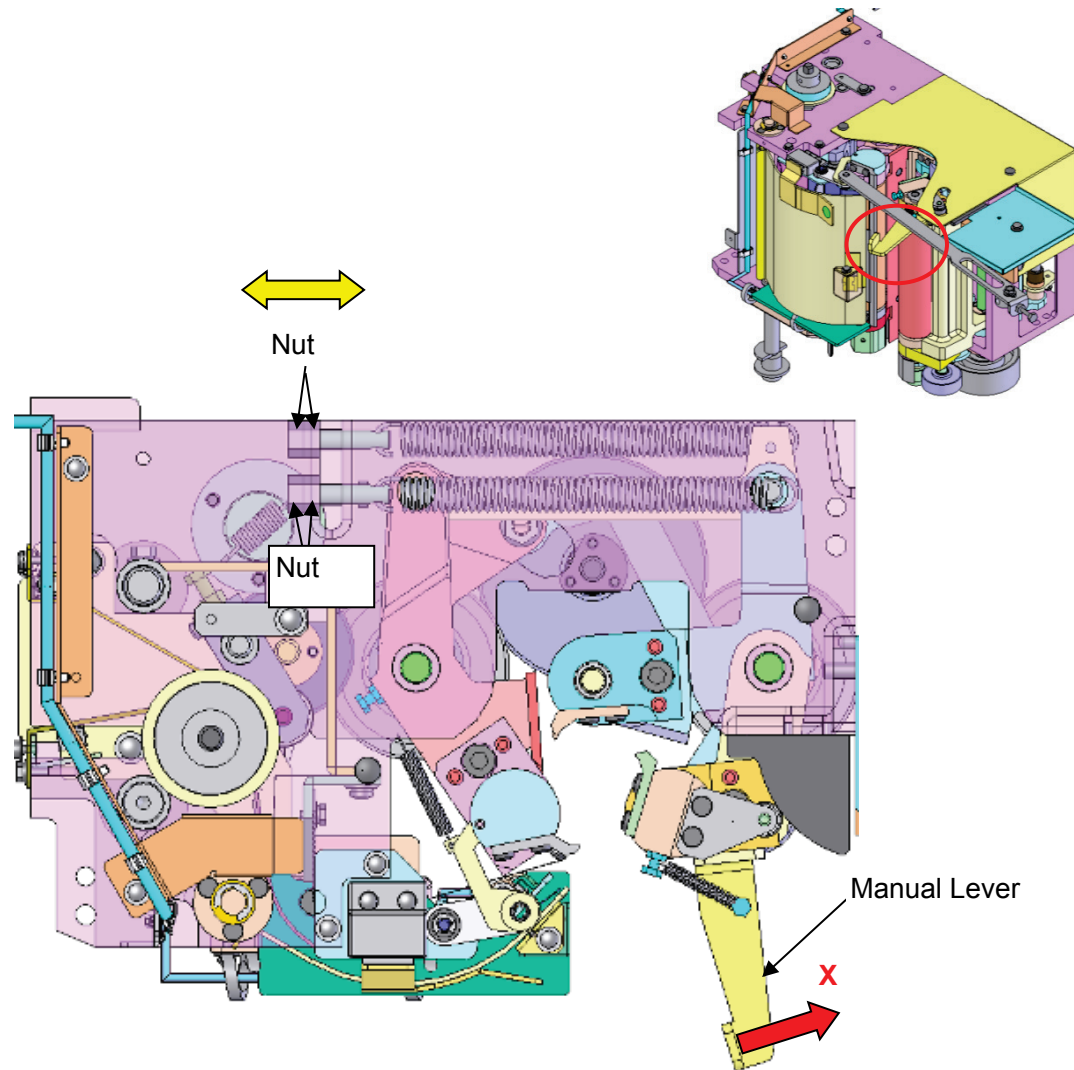
Related Problem		
Work Time	15 minutes	
Special Tools	Scale	
Standard Value (Unit: mm)	X=0 to 0.2 mm	
<ol style="list-style-type: none"> 1. Check the level of Paper Roll Table ASY and Plate by placing the Scale. The gap should be X. 2. If the adjustment is necessary. Remove E Ring and dismount Paper Roll Table ASY. 3. Remove Nut and dismount Shaft. 4. Adjust Paper Roll Table Level by adding or removing washer between Paper Roll Table ASY and Arm. <p>Adjustment Washer Spacer (A) 1AG00553700</p>		

4-4. Wrapping Section Adjustment

4-4-9A. Adjustment of Spring Tension for Wrapping Rollers

Related Problem	Paper Jam
Work Time	5 minutes
Special Tools	Tension Gauge
Standard Value (Unit: mm)	X=5.0 kgf

1. Adjust the tension of two springs (Upper and Lower) by 2 nuts so that the load to open the Roller Case by Manual Lever is X.



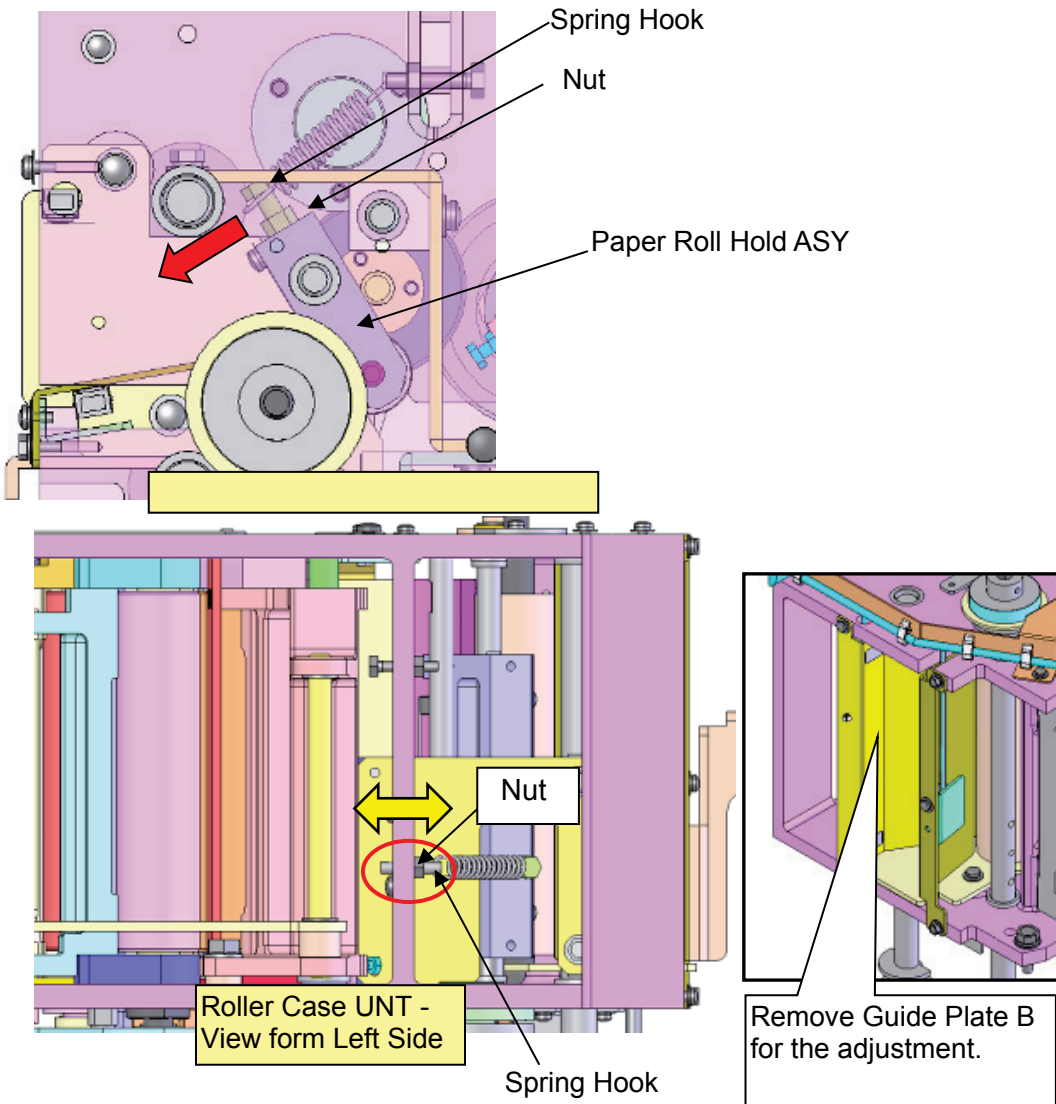
4-4. Wrapping Section Adjustment

4-4-10A. Adjustment of Paper Roll Hold ASY Tension

Related Problem	Paper Jam, Wrapping Abnormality
Work Time	5 minutes
Special Tools	Tension Gauge
Standard Value (Unit: mm)	X=5.5 kgf

1. Adjust Spring Hook position so that the tension of Paper Roll Hold Asy against the roller is X. Fix Spring Hook by Nut.

Note:
This adjustment should be made after removing Guide Plate B.



Spring Hook

Nut

Paper Roll Hold ASY

Nut

Spring Hook

Roller Case UNT - View form Left Side

Remove Guide Plate B for the adjustment.

4-4. Wrapping Section Adjustment

4-4-11A. Adjustment of Wrapping Rollers Stopper

Related Problem	
Work Time	minutes
Special Tools	Thickness Gauge, Gauge (φ15)
Standard Value (Unit: mm)	X=0.1 to 0.3mm

1. Hold Gauge (φ15) by Wrapping Rollers.

2. Adjust Bolt so that the gap between bolt and Roller Arm (C) is X. Fix Bolt by Nut.

Note: In case China 2 spec., use the smallest diameter of Roll Coin for this adjustment.

Nut

Bolt

Roller Arm (C)

X

15

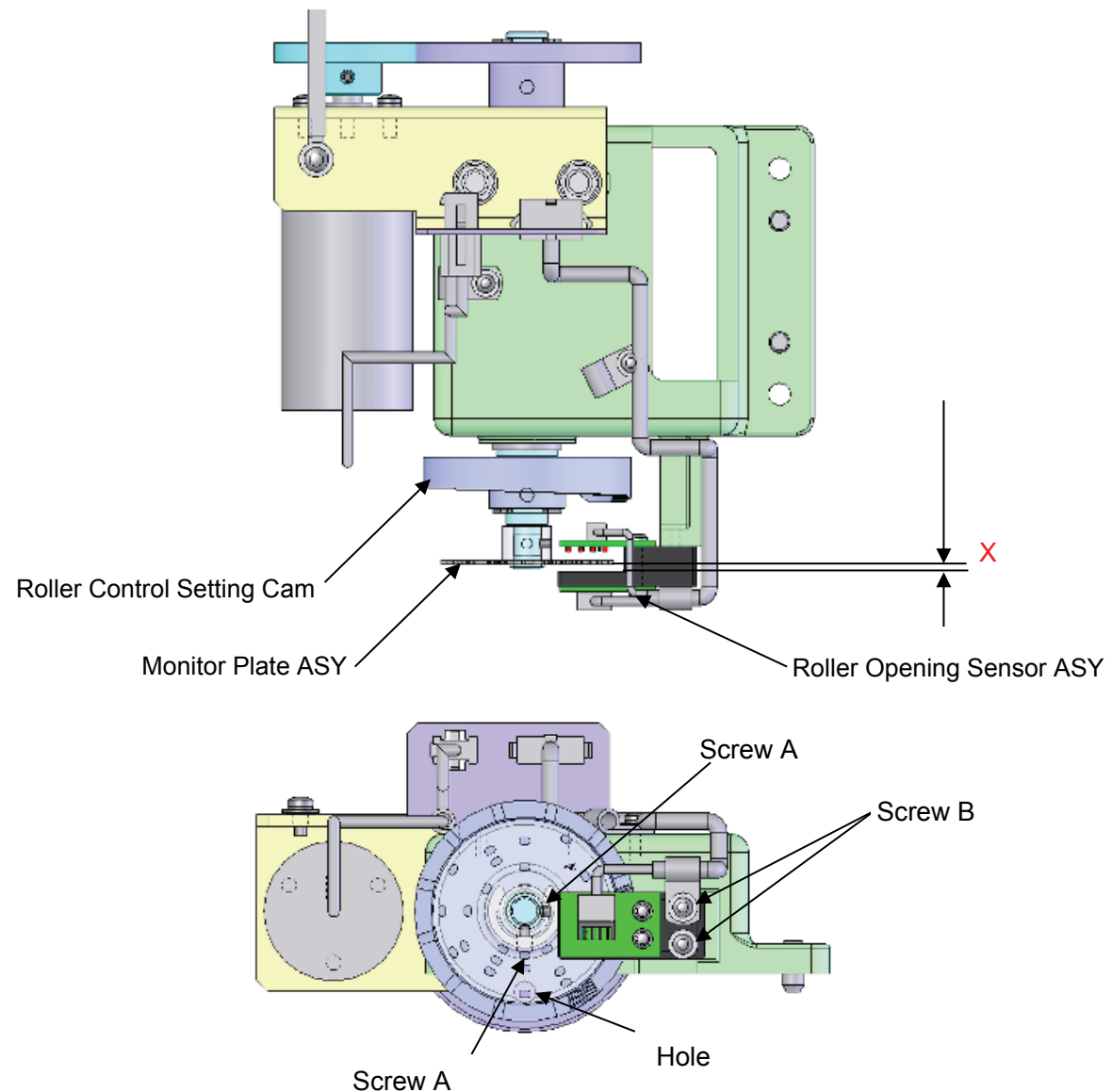
GAUGE (φ15)

4-4. Wrapping Section Adjustment

4-4-12A. Adjustment of Roller Opening ASY

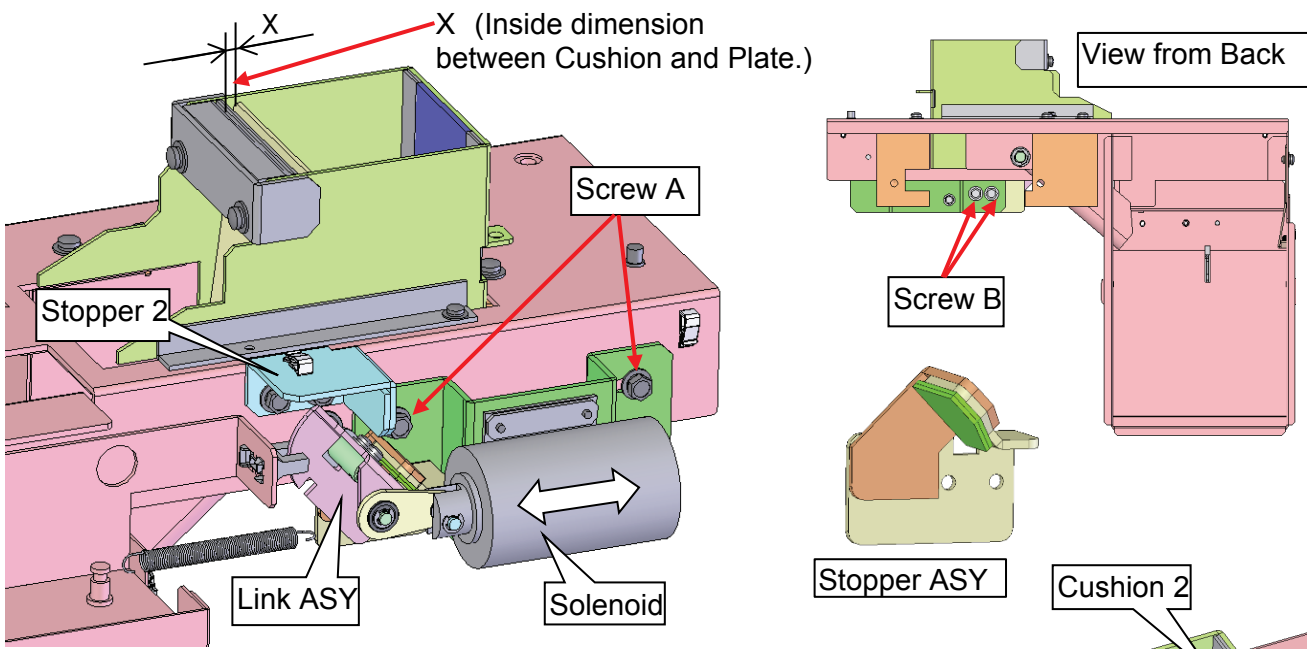
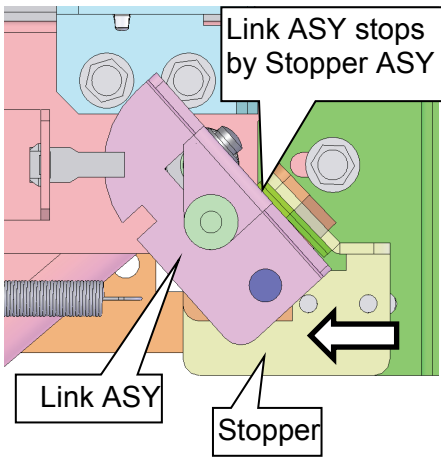
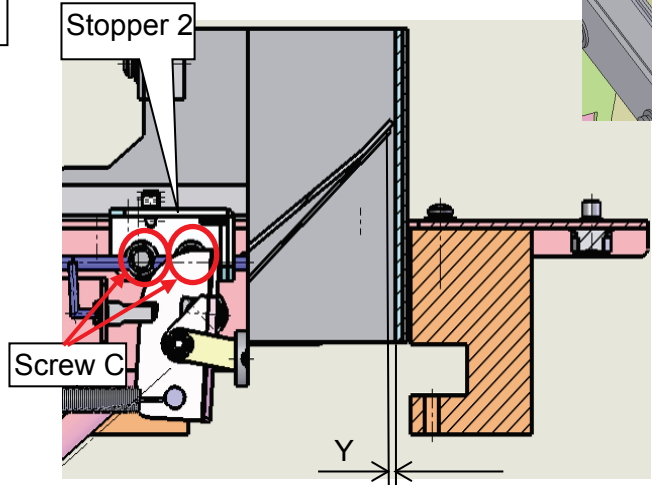
Related Problem	
Work Time	15 minutes
Special Tools	Thickness Gauge
Standard Value (Unit: mm)	X=0.5 to 1mm

1. Enter Maintenance Mode and select 6-8 WRAPPING ROLLER POSITION and perform Home Position.
2. Fix Monitor Plate ASY by 2 pcs of set screws so that it meets following conditions.
Datum Hole of Roller Control Setting Cam faces bottom.
Cut of Monitor Plate ASY faces Roller Opening Sensor ASY.
The gap of Monitor Plate ASY and Roller Opening Sensor ASY is X.
3. Adjust Roller Opening Sensor ASY position so that all 4 sensors set on. Fix the Sensor ASY by 2 pcs of Screw B.
4. Enter Maintenance Mode 6-8 WRAPPING ROLLER POSITION again, perform Home Position. Make sure all 4 sensors are set on.



4-4. Wrapping Section Adjustment

4-4-13B. Adjustment of Clear Gate Position

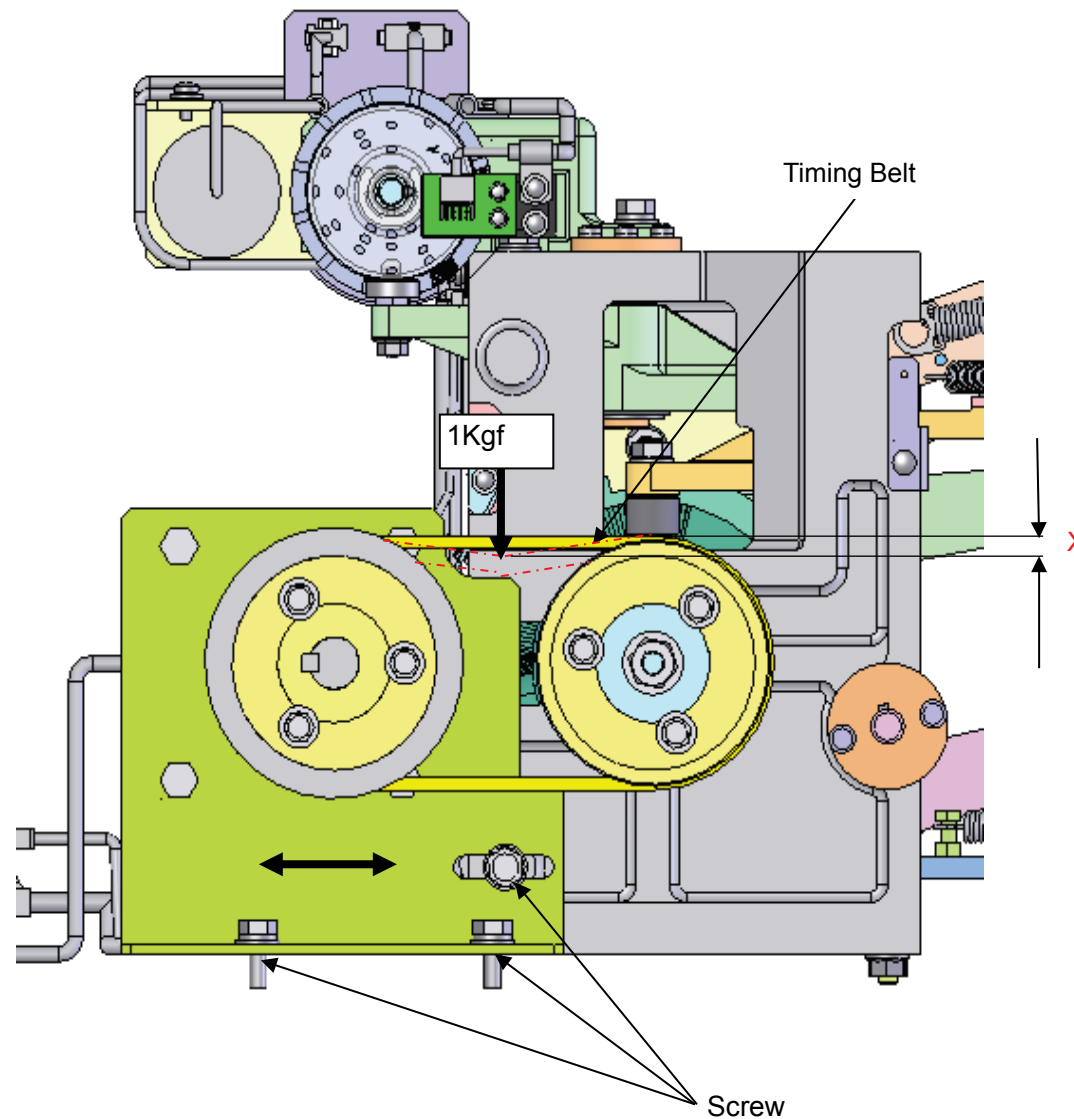
Related Problem	Noise	
Work Time	5 minutes	
Special Tools		
Standard Value (Unit: mm)	X=4 + or - 0.5 mm Y=0.3 to 0.8 mm	
Adjustment of open position		
<ol style="list-style-type: none"> 1. Loosen 2 pcs. of Screw A. 2. Loosen 2 pcs. of Screw B and free the Stopper ASY. 3. Adjust gap X between Cushion and Plate by moving Solenoid position When solenoid is retracted. Tighten Screw A. 4. Adjust Stopper ASY position to stop the Link ASY when the solenoid is projected. Tighten Screw B. 		
Adjustment of close position		
<ol style="list-style-type: none"> 1. Loosen 2 pcs. of Screw C. 2. Adjust gap Y by moving Stopper position when Solenoid is projected. Tighten Screw C. 		

4-4. Wrapping Section Adjustment

4-4-14A. Adjustment of Belt Tension for Cam Motor

Related Problem	
Work Time	minutes
Special Tools	Tension Gauge
Standard Value (Unit: mm)	X=1.5 to 2 mm

1. Loosen 3 pcs of Screw A.
2. Adjust the belt tension so that the deflection (bending) is X when the load of 1 kgf applied to the center of the belt.
3. Fix Cam Motor UNT by 3 pcs of Screw A.

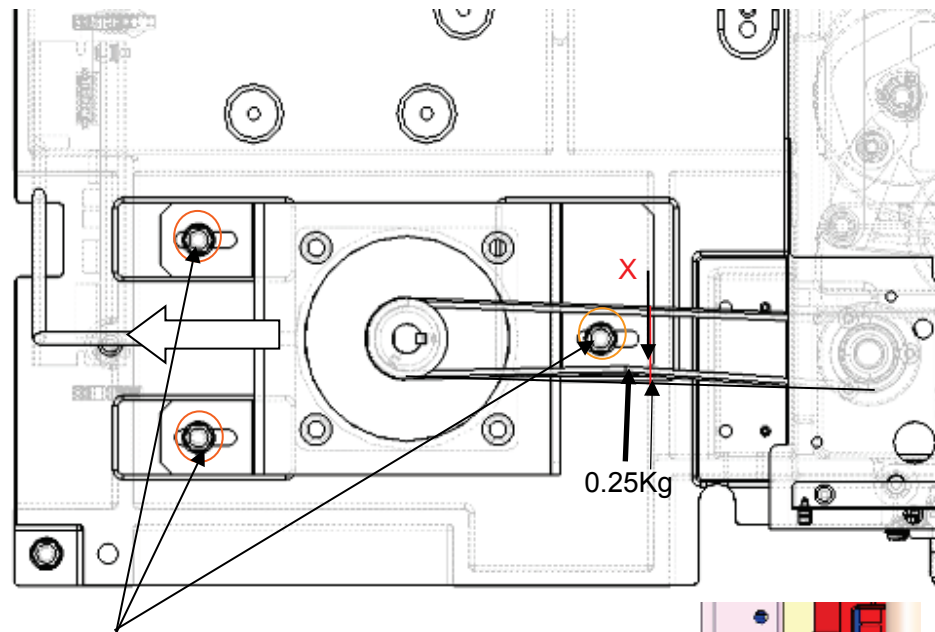


4-4. Wrapping Section Adjustment

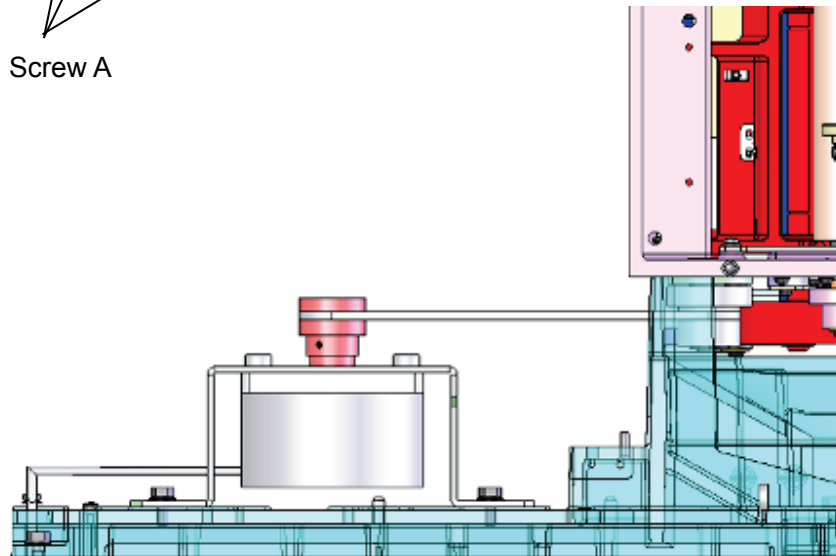
4-4-15A. Adjustment of Wrapping Motor Tension

Related Problem	Crimping Abnormality
Work Time	5 minutes
Special Tools	Tension Gauge
Standard Value (Unit: mm)	X=1.5 to 2.0 mm

1. Turn off the power.
2. Loosen 3 pcs of Screw A.
3. Adjust Wrapping Motor position to the direction indicated by arrow mark so that deflection (bending) of the belt is X when the load 0.25Kgf applied to the center of V-Belt.
4. Fix Wrapping Motor by 3 pcs of Screw A.



Screw A



4-4. Wrapping Section Adjustment

Page 16

4-4-16A. Adjustment of Belt Tension for Paper Feed Motor

Related Problem	Paper Feed Abnormality
Work Time	5 minutes
Special Tools	Tension Gauge
Standard Value (Unit: mm)	X= 2.0 to 2.5 mm

1. Turn of the power.
2. Loosen 2 pcs of Screw A.
3. Adjust Paper Feed Motor position to the direction indicated by arrow mark so that the deflection (bending) of the belt is X when the load of 0.1Kgf applied to the center of the timing belt.
4. Fix Paper Feed Motor by 2 pcs of Screw A.

