

## 4-7-1A GAIN Adjustment (1/2)

Related Problem	
Work Time	3 minutes
Special Tools	
Standard Value (Unit: mm)	

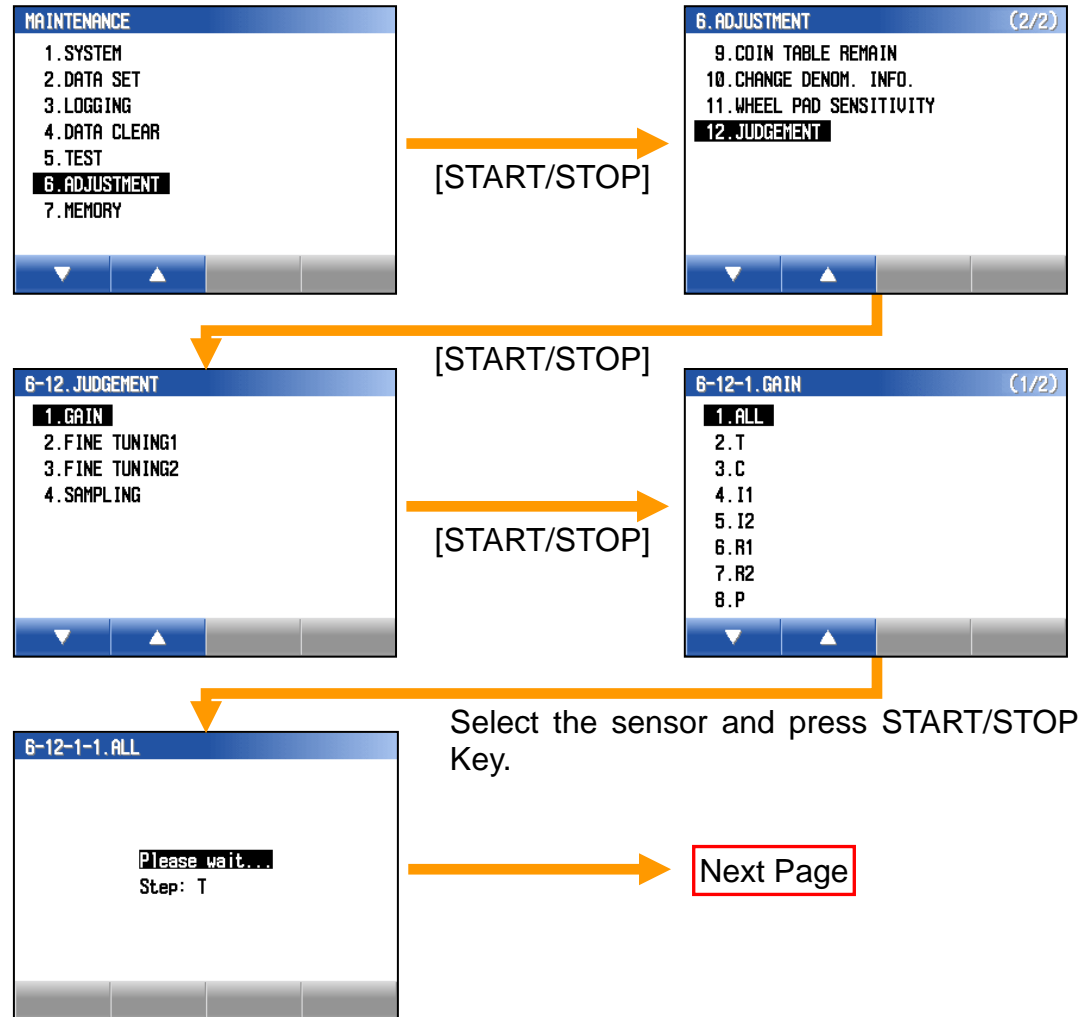
When Gain Adjustment executes after selecting 1. All, it adjusts all sensors in order.  
When individual sensor is selected, it adjusts only selected sensor.

### Check Point before Adjustment

Make sure Memory Switch 2 bit 5 is ON. If not, set it to ON. And then turn OFF and ON the power before this adjustment.

1. Enter Maintenance Mode.
2. Select the menu as following  
6.ADJUSTMENT->  
12.JUDGEMENT->  
1.GAIN ->  
1.ALL
3. Press START/STOP key. It starts adjustment of selected sensor or all sensors in order. After the adjustment the display indicates the adjustment result.

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## 4-7-1A GAIN Adjustment (2/2)

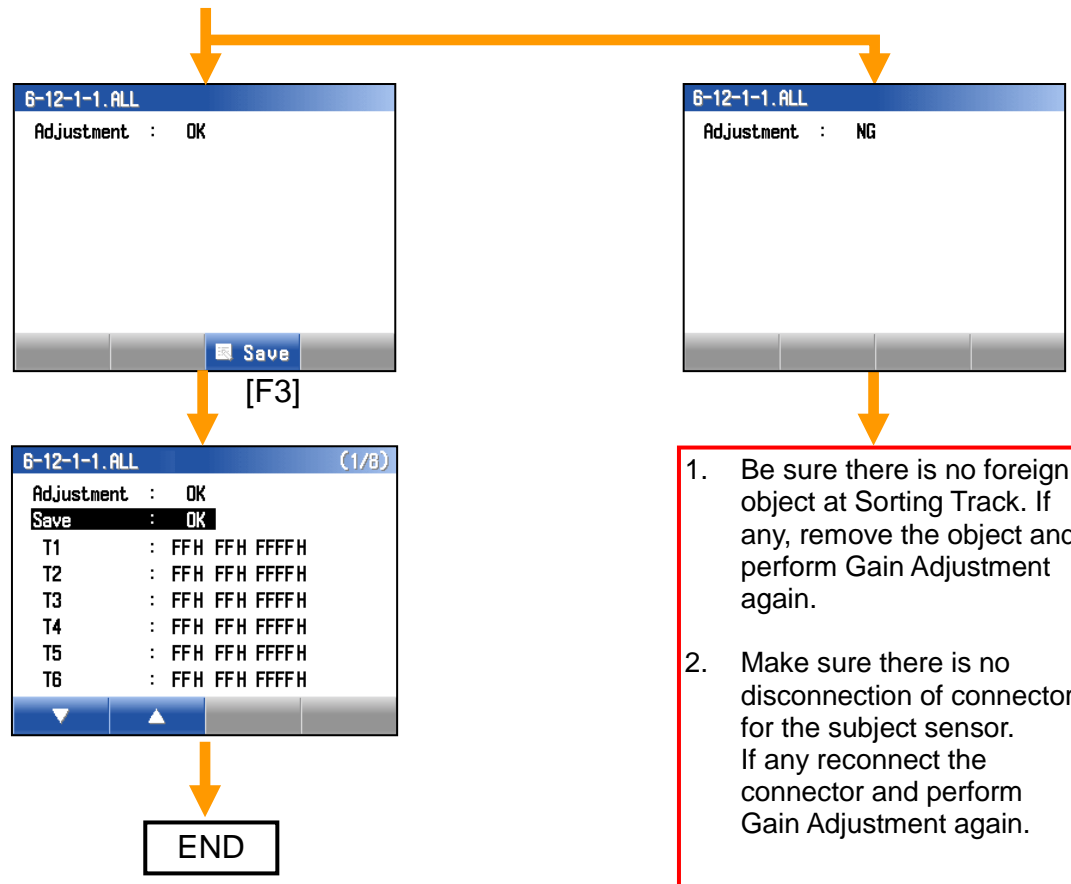
Related Problem	
Work Time	3 minutes
Special Tools	
Standard Value (Unit: mm)	

4. **When the result is OK:**  
Press Save key to save the adjustment result.  
This is the end of the Gain Adjustment.

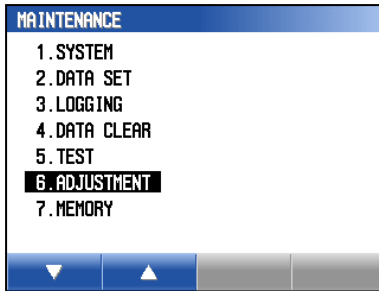
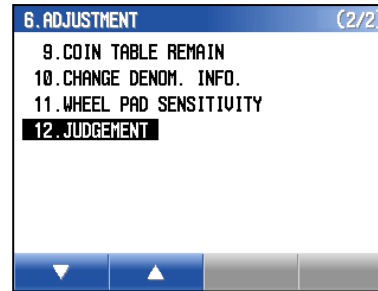
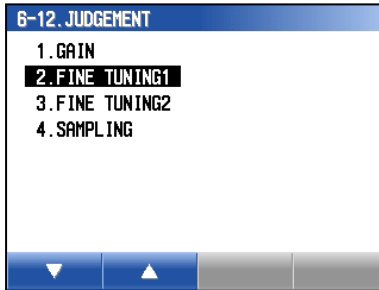
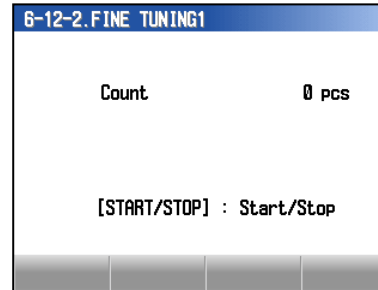
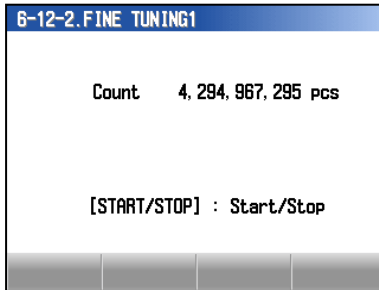
**When the result is NG:**

Take a remedial measure for the sensor which doesn't complete the adjustment.  
Then go next step.

5. After the remedial measure, perform Gain Adjustment again. Make sure the display indicates OK.  
Press Save Key to save the adjustment result.



## 4-7-2A Fine Tuning 1 Adjustment (1/2)

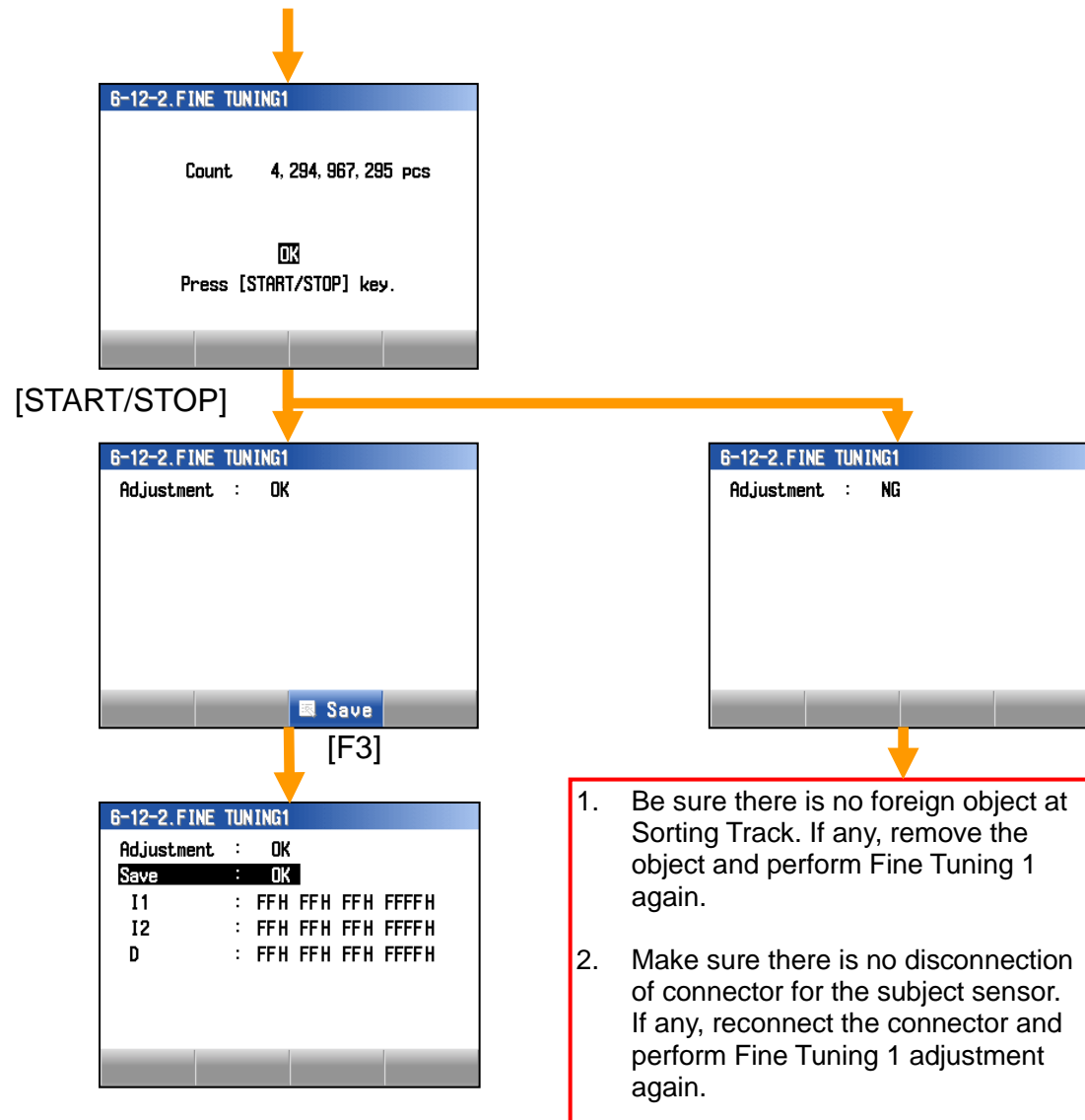
Related Problem			
Work Time	3 minutes		
Special Tools	50 Cents Euro		
Standard Value (Unit: mm)			
<p><b>Note) Gain Adjustment should be performed before this adjustment.</b></p> <ol style="list-style-type: none"> <li>Enter Maintenance Mode.</li> <li>Select Menu as following 6.ADJUSTMENT -&gt; 12.JUDGEMENT -&gt; 2.FINE TURNING1</li> <li>Count specified coins 40 pcs or more.</li> <li>When the display indicates "Press [START/STOP] key.", press START/STOP key to stop the operation.</li> <li>After the machine stops completely, press START/STOP key to start the adjustment.</li> </ol> <p>-&gt; Next Page.</p>		 <p>MAINTENANCE</p> <ol style="list-style-type: none"> <li>1. SYSTEM</li> <li>2. DATA SET</li> <li>3. LOGGING</li> <li>4. DATA CLEAR</li> <li>5. TEST</li> <li><b>6. ADJUSTMENT</b></li> <li>7. MEMORY</li> </ol> <p>[START/STOP]</p>	
		 <p>6. ADJUSTMENT (2/2)</p> <ol style="list-style-type: none"> <li>9. COIN TABLE REMAIN</li> <li>10. CHANGE DENOM. INFO.</li> <li>11. WHEEL PAD SENSITIVITY</li> <li><b>12. JUDGEMENT</b></li> </ol> <p>[START/STOP]</p>	
		 <p>6-12. JUDGEMENT</p> <ol style="list-style-type: none"> <li>1. GAIN</li> <li><b>2. FINE TUNING1</b></li> <li>3. FINE TUNING2</li> <li>4. SAMPLING</li> </ol> <p>[START/STOP]</p>	
		 <p>6-12-2. FINE TUNING1</p> <p>Count 0 pcs</p> <p>[START/STOP] : Start/Stop</p> <p>Count specified Coins 40 pcs or more.</p> <p>[START/STOP]</p>	
		 <p>6-12-2. FINE TUNING1</p> <p>Count 4,294,967,295 pcs</p> <p>[START/STOP] : Start/Stop</p> <p>Count specified Coins 40 pcs or more.</p> <p>[START/STOP]</p> <p>Next Page</p>	

## 4-7-2A Fine Tuning 1 Adjustment (2/2)

Related Problem	
Work Time	3 minutes
Special Tools	50 Cents Euro
Standard Value (Unit: mm)	

6. **When the result is OK:**  
Press Save key to save the adjustment result. This is the end of Fine Tuning 1 Adjustment.

**When the result is NG:**  
Take a remedial measure for the sensor. Then perform Fine Tuning 1 again. Be sure it indicates OK. Press Save key to save the adjustment result.



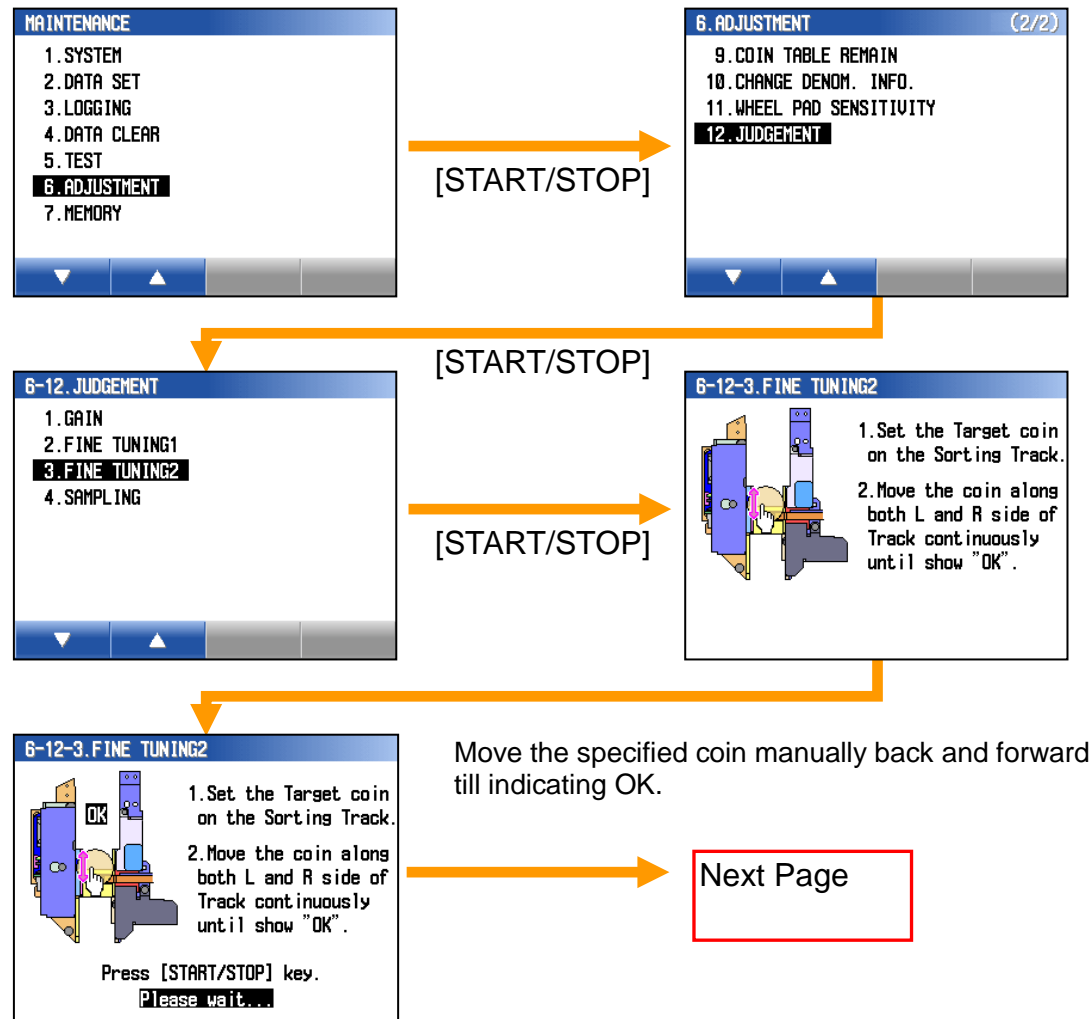
## 4-7-2A Fine Tuning 2 Adjustment (1/2)

Related Problem	
Work Time	3 minutes
Special Tools	50 Cents Euro
Standard Value (Unit: mm)	

**Note)** Gain Adjustment and Fine Tuning 2 should be performed before this adjustment.

1. Enter Maintenance Mode.
2. Select the menu as following  
6. ADJUSTMENT->  
12. JUDGEMENT->  
3.FINE TURNING2
3. Open Upper Door and Feed UNT.
4. Accord to the guidance on the display, move the specified Coin manually back and forward along each side of Track.
5. When the display indicates OK, remove the coin and press START/STOP key.

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## 4-7-2A Fine Tuning 2 Adjustment (2/2)

Related Problem			
Work Time	3 minutes		
Special Tools	50 Cents Euro		
Standard Value (Unit: mm)			
<p>6. <b>When the result is OK:</b> Press Save key to save the adjustment result. This is the end of Fine Tuning 2 Adjustment.</p> <p><b>When the result is NG:</b> Take a remedial measure for the sensor. Then perform Fine Tuning 2 again. Be sure it indicates OK. Press Save key to save the adjustment result.</p>		<pre> graph TD     Start([6-12-3.FINE TUNING2 Adjustment : OK]) --&gt; Save[Save]     Save -- "[F3]" --&gt; OK_Screen([6-12-3.FINE TUNING2 Adjustment : OK Save : OK PL : FFH FFH FFH FFFFH PR : FFH FFH FFH FFFFH])     OK_Screen --&gt; END([END])     Start --&gt; NG_Screen([6-12-3.FINE TUNING2 Adjustment : NG])     NG_Screen --&gt; NG_Steps[1. Be sure there is no foreign object at Sorting Track. If any, remove the object and perform Fine Tuning 1 again. 2. Make sure there is no disconnection of connector for the subject sensor. If any, reconnect the connector and perform Fine Tuning 1 again.]   </pre>	

## 4-7-3A Sampling Adjustment (1/2)

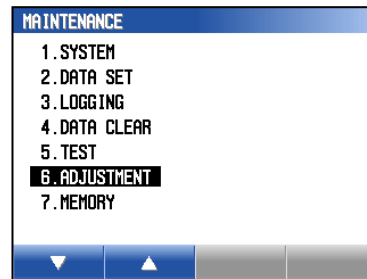
Related Problem	
Work Time	10 minutes
Special Tools	All Target Denomination of Coins.
Standard Value (Unit: mm)	

### Note)

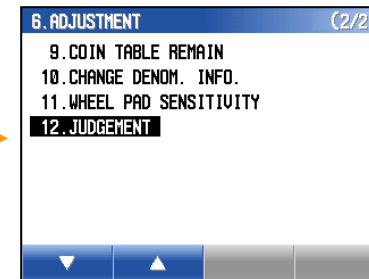
Gain Adjustment, Fine Tuning 1 and Fine Tuning 2 should be performed before this adjustment.

1. Enter Maintenance Mode.
2. Select the menu as following.  
6.ADJUSTMENT->  
12.JUDGEMENT]->  
4.SAMPLING->  
The display indicates denomination list.
3. Select the denomination you want to adjust by  $\Delta$ ,  $\nabla$  key or Jog Dial.

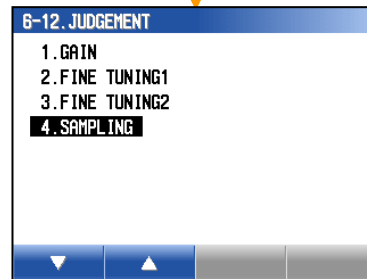
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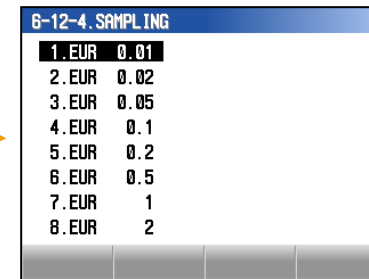
[START/STOP]



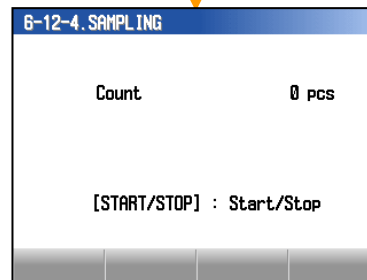
[START/STOP]



[START/STOP]



Select the denomination you want to adjust and press START/STOP key.



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Count the coin 40 pcs or more.

## 4-7-3A Sampling Adjustment (1/2)

Related Problem	
Work Time	10 minutes
Special Tools	The coins to be adjusted.
Standard Value (Unit: mm)	

- Count the coins 40 pcs or more.
- When the display indicates "Press [START/STOP] key.", press START/STOP key to stop the operation. After the machine stops completely, press START/STOP key to start the adjustment.
- When the result is OK:**  
Press Save key to save the adjustment result.  
Press C key to go back denomination list.
- When the result is NG:**  
Take a remedial measure for the sensor.  
Then perform Sampling adjustment again.  
Be sure it indicates OK.  
Press Save key to save the adjustment result.  
Press C key to go back denomination list.
- Go back Step 3 and adjust all denominations.

