

### 13.4.5 ADF SUB ZOOM

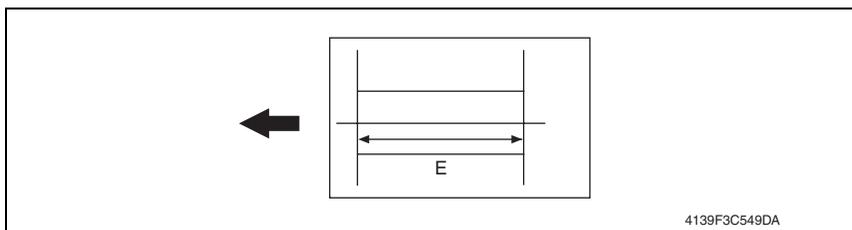
#### A. Use

- To adjust for variations in the accuracy of all parts and their mounting accuracy by varying the scanning zoom ratio in the sub-scanning direction (1-side) when using the Automatic Document Feeder
- When the original glass is replaced.
- When a new Auto Document Feeder Unit is mounted

#### NOTE

##### After the [CIS SUB ZOOM] adjustments have been performed

- Adjust the length of E in the copy of the test pattern so that the following specification is met.
- $200 \pm 0.5 \%$  (Zoom Ratio = Full Size: 100 %)



#### B. Procedure

- The default setting is 0%.

-2.0% ~ "0%" ~ +2.0%; step: 0.4%

1. Print the test pattern1.

[See P.151](#)

2. Enter the [ADJUST] menu in the service mode.
3. Select [ADF SUB ZOOM], and press the Select key.
4. Place the test pattern1 on the original glass and make a test copy
5. Select [TEST COPY] and press the Select key to make a test copy.

#### NOTE

**The test pattern1 should be positioned vertically.**

**Use A4 or Letter paper loaded into tray1 to make the test copy.**

6. Check that the width of E in the copy of the test pattern1 meets the specification.  
Calculation:  $(1 - \text{Width of E in the document} \div \text{Width of E in the copy}) \times 100$   
If the width of E is out of specification, adjust it according to the following procedure.
7. Select [ADJUST], and press the Select key.
8. Using the  $\blacktriangle/\blacktriangledown$  key, change the setting value and then press the Select key
9. Place the test pattern1 on the original glass. Then, make a test copy again and check it.

<Adjustment instructions>

If the width of D in the test pattern is longer than the specified width.. Decrease the setting.

If the width of D in the test pattern is shorter than the specified width.. Increase the setting.

### 13.4.6 ADF MAIN REGIST

#### A. Use

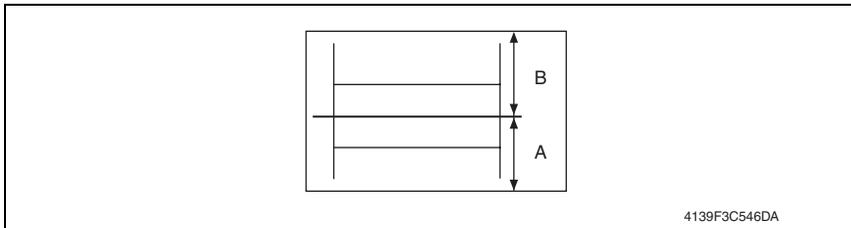
- To adjust for variations in the accuracy of all parts and their mounting accuracy by varying the scanning start position in the main scanning direction (1-side) when using the Automatic Document Feeder.
- When the original glass is replaced.
- When a new Auto Document Feeder Unit is mounted

#### NOTE

**After the [CIS SUB ZOOM] adjustments have been performed**

**After the [ADF SUB ZOOM] adjustments have been performed**

- Adjust the amount that widths A and B in the copy of the test pattern1 so that the following specification is met.
- $0 \pm 2.0$  mm



#### B. Procedure

- The default setting is 0%.

-1.5 (-1.5 mm) ~ "0.0 (0.0 mm)" ~ +5.0 (+1.5 mm); Step: 0.5 mm

1. Print the test pattern1.

See P.151

2. Enter the [ADJUST] menu in the service mode.
3. Select [ADF MAIN REGIST], and press the Select key.
4. Place test pattern 1 in the ADF with its printed surface up.
5. Select [TEST COPY] and press the Select key to make a test copy.

#### NOTE

**The test pattern1 should be positioned vertically.**

**Use A4 or Letter paper loaded into tray1 to make the test copy.**

6. Check the amount that widths A and B in the copy of the test pattern are shifted. If the shift is out of specification, adjust it according to the following procedure.
7. Select [ADJUST], and press the Select key
8. Using the  $\blacktriangle/\blacktriangledown$  key, change the setting value and then press the Select key.
9. Place the test pattern1 into the Automatic Document Feeder. Then, make a test copy again and check it.

<Adjustment instructions>

If the width of A is less than the width of B..... Increase the setting.

If the width of B is less than the width of A..... Decrease the setting.

### 13.4.7 ADF SUB REGIST

#### A. Use

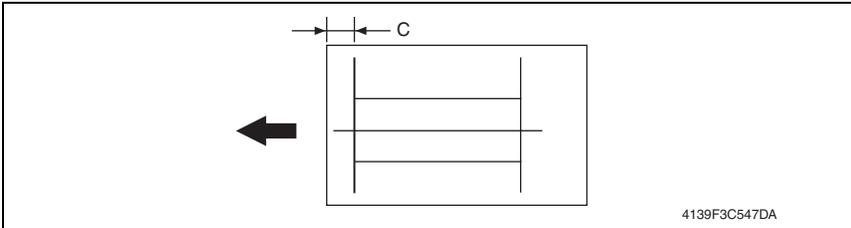
- To adjust for variations in the accuracy of all parts and their mounting accuracy by varying the scanning start position in the sub-scanning direction (1-side) when using the Automatic Document Feeder.
- When the original glass is replaced.
- When a new Auto Document Feeder Unit is mounted

#### NOTE

**After the [CIS SUB ZOOM] adjustments have been performed**

**After the [ADF SUB ZOOM] adjustments have been performed**

- Adjust the width of C in the copy of the test pattern1 so that the following specification is met.
- $20 \pm 2.5$  mm



#### B. Procedure

- The default setting is 0%.

-5.0 (-5.0 mm) ~ "0 (0 mm)" ~ +5.0 (+5.0 mm); Step: 0.5 mm

1. Print the test pattern1.  
[See P.151](#)
2. Enter the [ADJUST] menu in the service mode.
3. Select [ADF SUB REGIST], and press the Select key.
4. Place test pattern 1 in the ADF with its printed surface up.
5. Select [TEST COPY] and press the Select key to make a test copy.

#### NOTE

**The test pattern1 should be positioned vertically.**

**Use A4 or Letter paper loaded into tray1 to make the test copy.**

6. Check that the width of C in the copy of the test pattern are shifted. If the width of C is out of specification, adjust it according to the following procedure.
7. Select [ADJUST], and press the Select key.
8. Using the ▲/▼ key, change the setting value and then press the Select key.
9. Place the test pattern1 into the Automatic Document Feeder. Then, make a test copy again and check it

<Adjustment instructions>

If the width of C in the test pattern is longer than the specified width.. Increase the setting.

If the width of C in the test pattern is shorter than the specified width.. Decrease the setting.