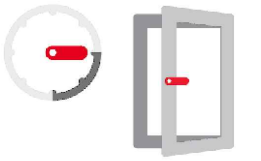
## 1. EXPOSED CORNER HINGE HEIGHT ADJUSTMENT

### HEIGHT ADJUSTMENT

1a) Remove the cover cap. *(see DIAGRAM 1-1a)*
Move the handle to turn position *(see DIAGRAM A-A)*
1b) Additional adjustment available as required.
1c) Height adjustment -2.0 / +2.5 mm via screw
**[A] in the corner hinge.** *(see DIAGRAM 1-1b)*
**Tool: Hex key Metric # 4.**



Sash in turned, open position.

DIAGRAM A-A

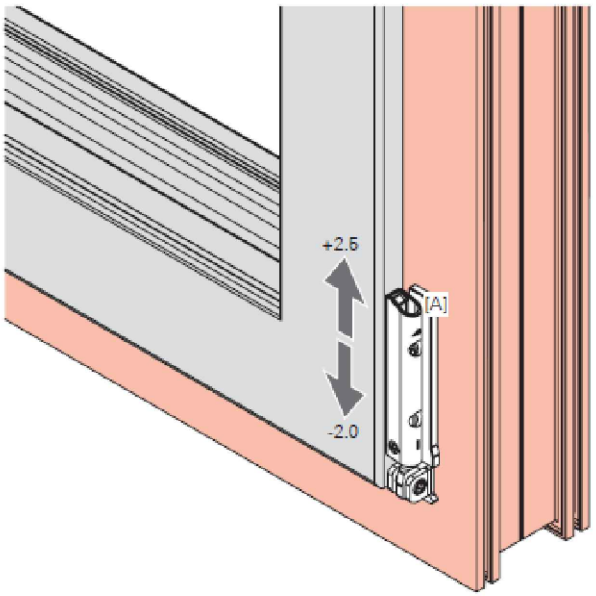



DIAGRAM 1-1b

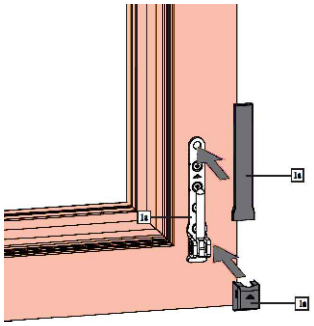


DIAGRAM 1-1a

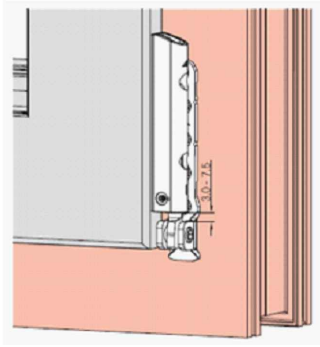


DIAGRAM 1-1c

REFERENCE DIMENSION:
The height of the corner hinge can still be applied (3.0mm–7.5 mm)even if the corner hinge has already been adjusted (–2.0/+2.5 mm)

## 2. EXPOSED CORNER HINGE LATERAL ADJUSTMENT

### LATERAL ADJUSTMENT

**1a)** Move the handle to the turn position.
*(see DIAGRAM A-A)*
**1b)** Lateral adjustment ± 2.0 mm via screw [B] in the pivot rest. *(see DIAGRAM 2-1a)*
**Tool: Hex key Metric # 4.**

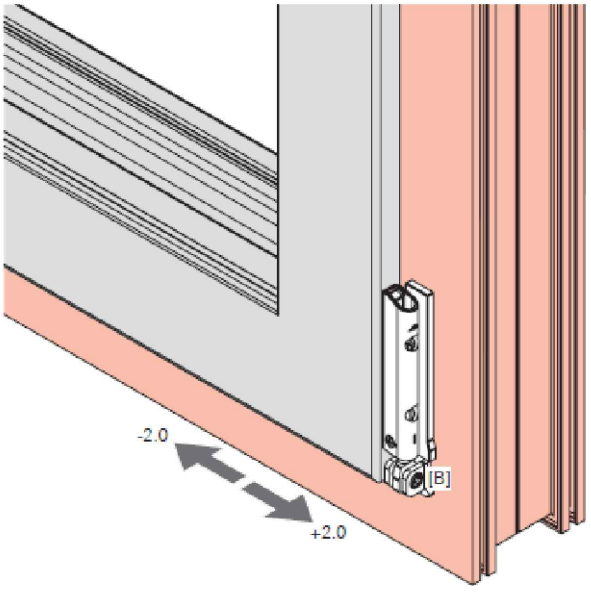



DIAGRAM 2-1a

## 3. EXPOSED HINGE SASH STAY LATERAL ADJUSTMENT

**SASH STAY LATERAL ADJUSTMENT**

**3a)** Sash should be opened at minimum of 180° (+) to access *sash stay* (see DIAGRAM B-B for sash position)
**3b)** Lateral adjustment -2.0 / +3.0 mm via screw
[A] in the sash stay (see DIAGRAM 3-1a)
Tool: Hex key Metric # 4.

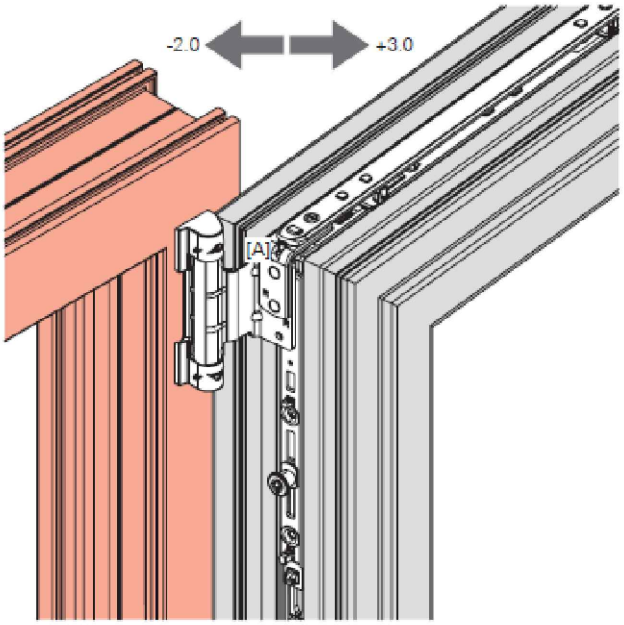



DIAGRAM 3-1a

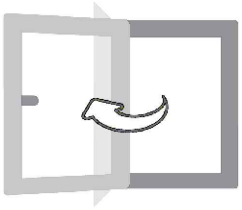


DIAGRAM B-B

## 4. EXPOSED HINGE MID SPAN STAY BEARING(S) LATERAL ADJUSTMENT *(TURN ONLY OPERATION)*

**MID SPAN STAY BEARING(S) LATERAL ADJUSTMENT**

**4a)** Sash should be opened at minimum of 90° (+) to access *sash stay* (see DIAGRAM B-B for sash position)
**4b)** Lateral adjustment -3.0 / +2.0 mm via screw
[C] in the sash stay (see DIAGRAM 4-1a)
Tool: Hex key Metric # 4.

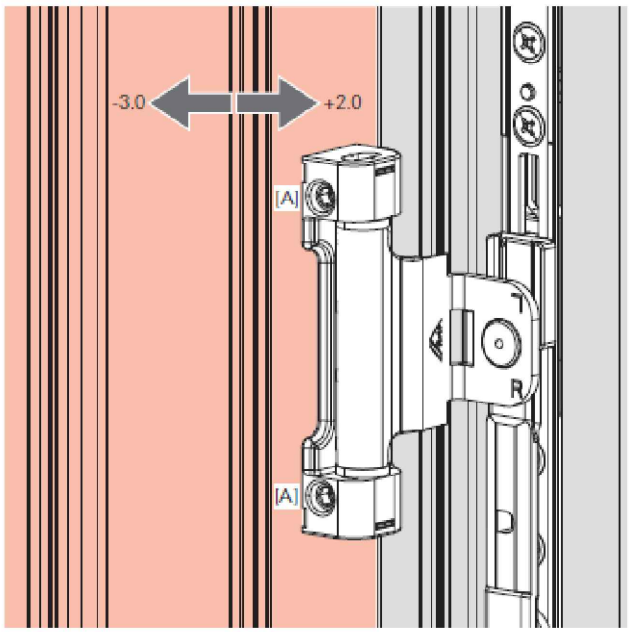



DIAGRAM 4-1a

## 5. GASKET COMPRESSION
## LATERAL ADJUSTMENT (CORNER HINGE)

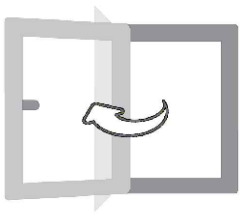


DIAGRAM B-B

### COMPRESSION LATERAL ADJUSTMENT

**5a)** Sash should be opened 180°
*(see DIAGRAM B-B for sash position)*
**5b) Lateral adjustment ± 0.5 mm via eccentric**
*(see DIAGRAM 5-1a for sash position)*
**[C] in the corner hinge.**
**Tool: Hex key Metric # 2.5.**

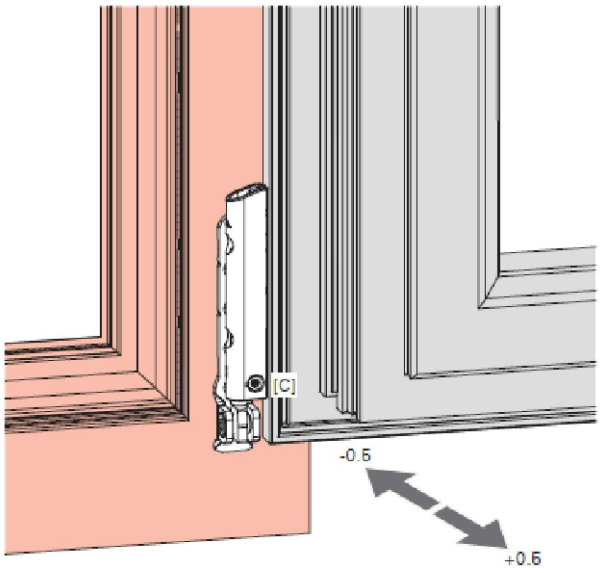



DIAGRAM 5-1a

## 6. EXPOSED STAY BEARING HINGE
## BEARING PIN REMOVAL

**Removing the stay-bearing pin**

1. **Arch**
   Turn the window shut but do not lock it.
   **Tilt-Only sash**
   Tilt the window shut but do not lock it.

2. Push the locking element [1] in using a tool (e.g. screwdriver) while pushing the stay-bearing pin [2] out by approx. 4 mm at the stay-bearing pin point [3] using an extractor handle.
   Shown using a Tilt-Only sash as an example.

**INFO**
Secure the sash to prevent it from falling.

**INFO**
Do not hit out the pin using a hammer.

3. Fully pull out the stay-bearing pin using an extractor handle.

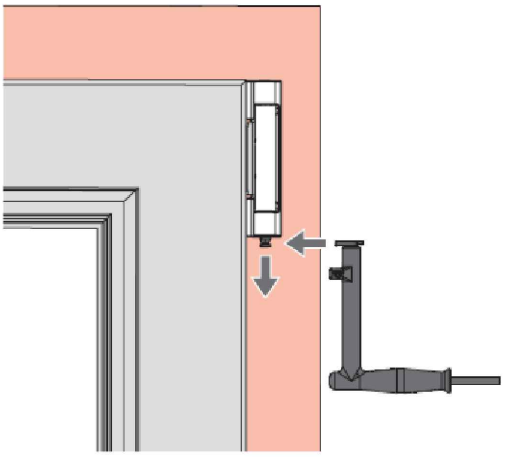
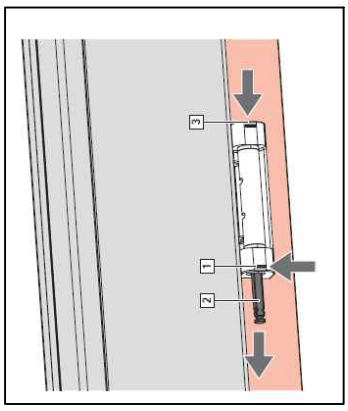


DIAGRAM 6-1a



## 7. GASKET COMPRESSION (CAM ADJUSTMENT)

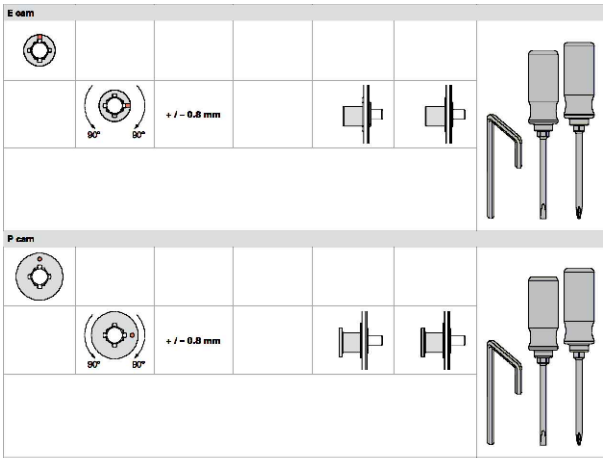



DIAGRAM 7-1a

### COMPRESSION ADJUSTMENT (CAM)

**7a) E-cam (See DIAGRAM 7-1a) should be rotated either to left or right 90° to tighten or loosen compression of sash perimeter gasket p E-cam into position to allow compression of gasket ± 0.8 mm**

**7b) P-cam (See DIAGRAM 7-1a) should be rotated either to left or right 90° to tighten or loosen compression of sash perimeter gasket p E-cam into position to allow compression of gasket ± 0.8 mm**

Tool: Hex key Metric # 4

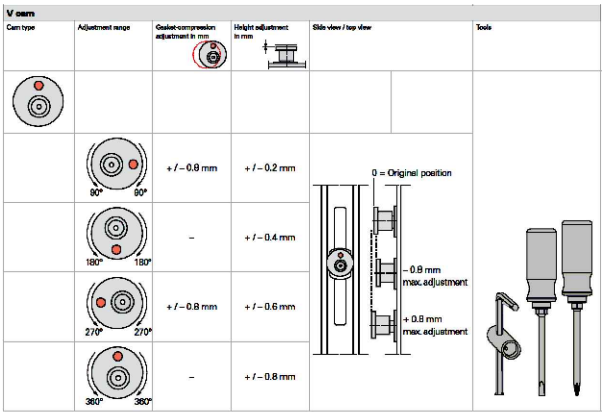



DIAGRAM 7-1b

### COMPRESSION ADJUSTMENT (CAM)

**7c) V-cam can rotate left and right 90° to bring V-cam into position to allow compression of gasket ± 0.8 mm. CAM adjust right and left to allow in and out**
**V-cam adjustment is an incremental adjustment : [90° = ±0.2mm], [180° = ±0.4mm], [270° = ±0.6mm], [360° = ±0.8mm]**
Tool: Hex key Metric # 4

## 8. PIVOT REST CONCEALED HINGE HEIGHT ADJUSTMENT

### HEIGHT ADJUSTMENT

**8a)** Sash should be opened at minimum of 90° (+) to access *pivot rest concealed hinge* (see DIAGRAM B-B for sash position)
**8b)** Height adjustment -1.0 / +2.0 mm via screw
[A] in the pivot rest. (see DIAGRAM 8-1a)
Tool: Hex key Metric # 4.

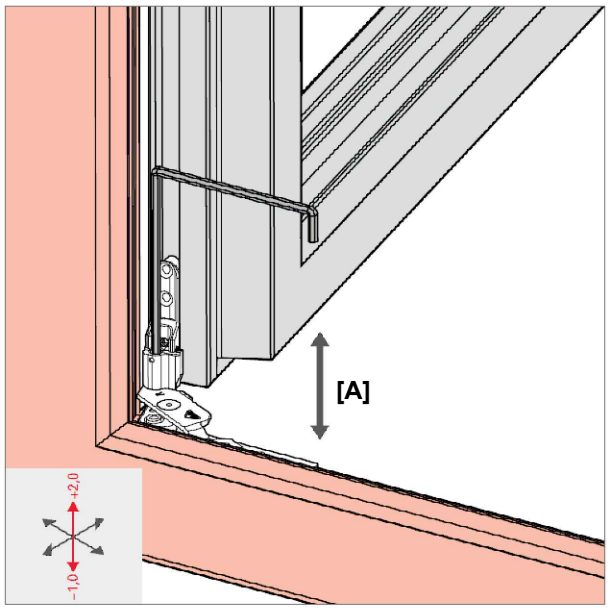



DIAGRAM 8-1a

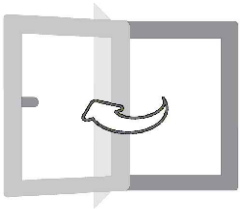


DIAGRAM B-B

## 9. PIVOT REST CONCEALED HINGE LATERAL ADJUSTMENT

### LATERAL ADJUSTMENT

**9a)** Sash should be opened at minimum of 90°(+) to access *pivot rest concealed hinge* (see DIAGRAM 9-1b for sash position)
**9b)** Lateral adjustment is allow by adjusting screw [B] in the corner hinge. (see DIAGRAM 9-1a) -1.5 / +2.0 mm via screw
Tool: Hex key Metric # 4.

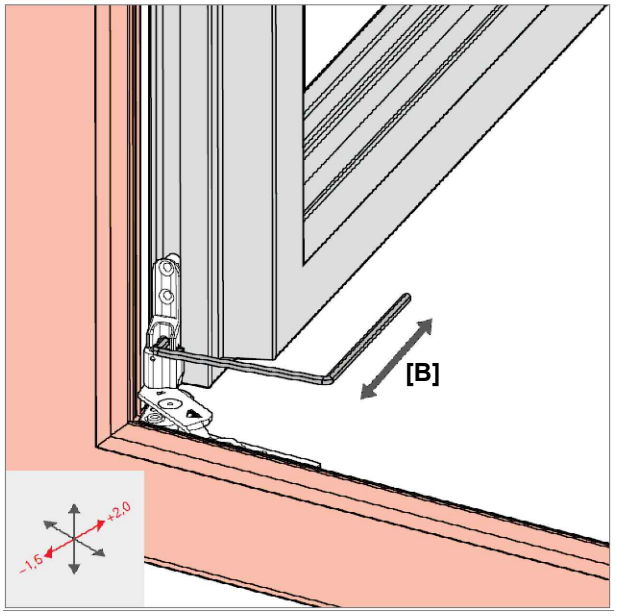



DIAGRAM 9-1a

## 10. SASH STAY LATERAL ADJUSTMENT

### SASH STAY LATERAL ADJUSTMENT

**10a)** Sash should be opened at minimum of 90° (+) to access *sash stay* (see DIAGRAM B-B for sash position)
**10b)** Lateral adjustment -2.0 / +2.0 mm via screw
[C] in the sash stay (see DIAGRAM 10-1a)
Tool: Hex key Metric # 4.

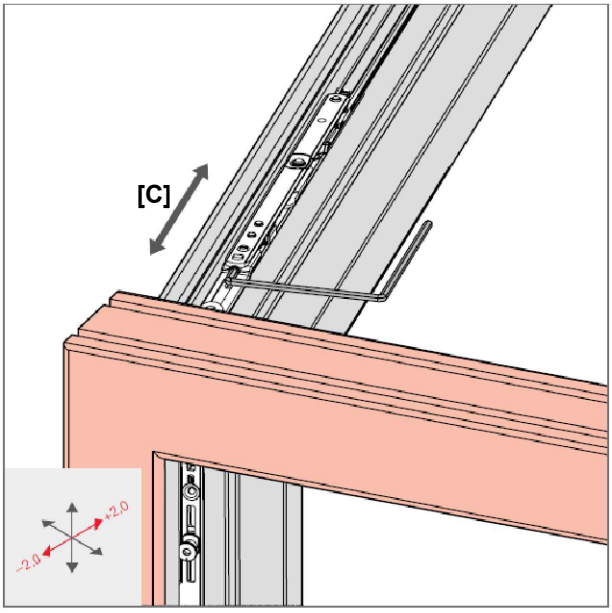



DIAGRAM10-1a

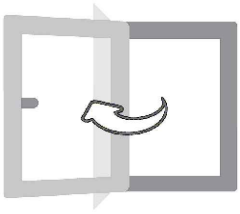


DIAGRAM B-B

## 11. GASKET COMPRESSION ADJUSTMENT (CONCEALED HINGE)

### GASKET COMPRESSION ADJUSTMENT

**11a)** Sash should be opened at minimum of 90°(+) to access *pivot rest concealed hinge* (see DIAGRAM B-B for sash position)
**11b)** Gasket compression adjustment is allow by adjusting screw [D] at underside of concealed hinge. (see DIAGRAM 11-1a) -0.5 / +0.5 mm via screw
Tool: Hex key Metric # 4.

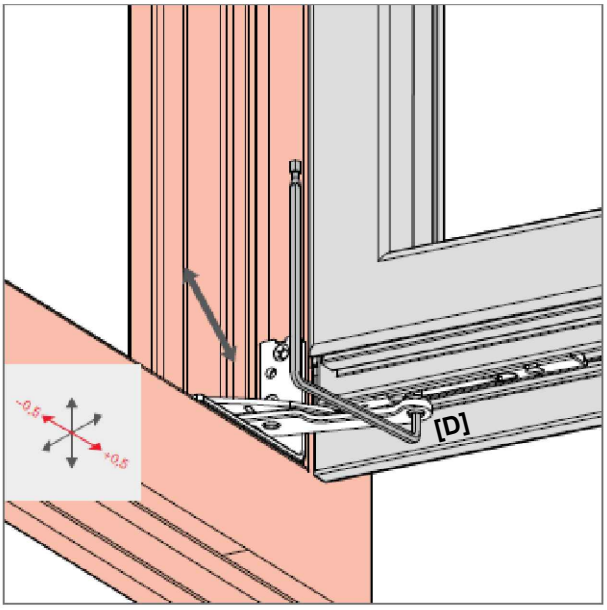



DIAGRAM11-1a

## 12. CONCEALED HINGE - SASH STAY GASKET COMPRESSION ADJUSTMENT

**SASH STAY GASKET COMPRESSION**

**12a)** Sash should be opened in the TILT position to access *sash stay* (see DIAGRAM C-C for sash position)

**12b)** Gasket compression adjustment achieved -2.0 / +2.0 mm via screw [E] in the sash stay (see DIAGRAM 12-1a) Tool: Hex key Metric # 4.

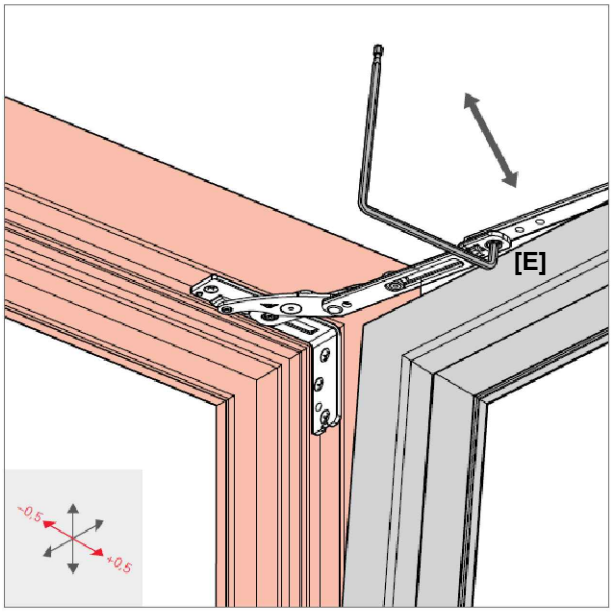



DIAGRAM 12-1a

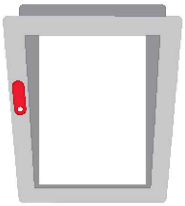


DIAGRAM C-C

## 13. EXPOSED CORNER HINGE - SASH STAY GASKET COMPRESSION ADJUSTMENT

**SASH STAY GASKET COMPRESSION**

**13a)** Sash should be opened in the TILT position to access *sash stay* (see DIAGRAM C-C for sash position)

**13b)** Gasket compression adjustment achieved -0.5 / +0.5 mm via eccentric [B in the sash stay (see DIAGRAM 13-1a) Tool: Hex key Metric # 4.

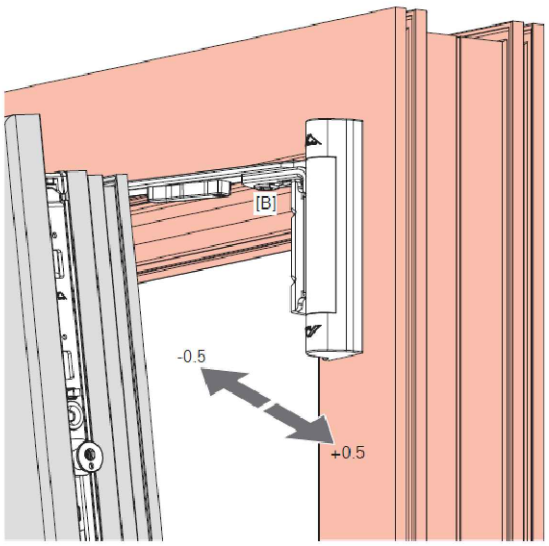



DIAGRAM 13-1a