

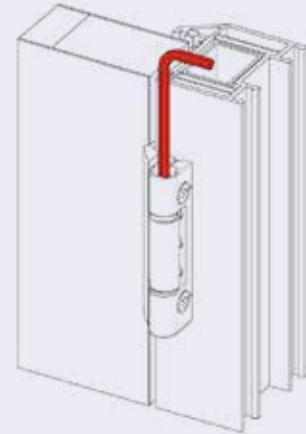
# Challenger Hinge Adjustment



## Compression Adjustment

+0.5mm -0.5mm (5mm Allen Key)

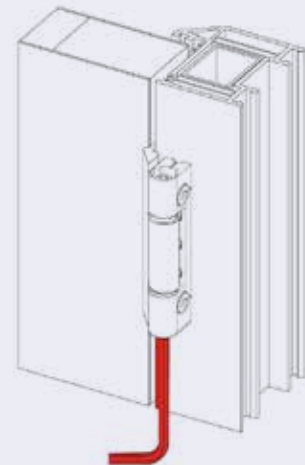
- Remove the top cap.
- Check the pin alignment via the mark on the top of the pin. If the mark is pointing towards the door sash, the adjustment is in the neutral setting.
- To increase compression, turn the pin so that the alignment mark is moved towards the door frame.
- To reduce compression, turn the pin so that the alignment mark moves away from the frame.



## Vertical Adjustment

+3.0mm - 0.0mm (5mm Allen Key)

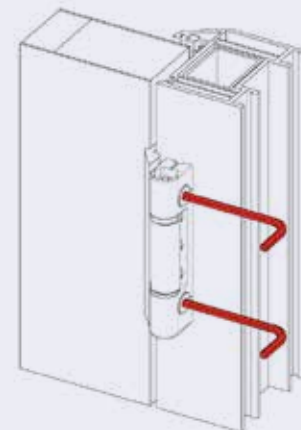
- Remove the bottom cap.
- To raise the door sash, rotate the vertical adjustment screw clockwise. Ensure that all other hinges are adjusted equally.
- To lower the door sash, rotate the vertical adjustment screw anti-clockwise. Ensure that all other hinges are adjusted equally.
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## Lateral Adjustment

+2.0mm - 2.0mm (4mm Allen Key)

- Remove the side cover caps.
- Rotate the lateral adjustment drives in the direction required.
- Ensure that each pair of alignment marks are at the same point.



### Warning

It is not recommended to fully adjust either one adjuster only or one hinge only. Adjustments should be made gradually on each hinge until the desired adjustment is achieved.