

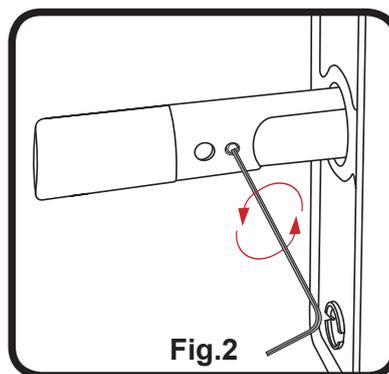
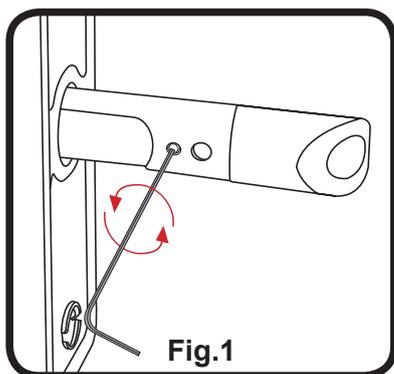
BL3100 & 3400 ECP Series

Fitting XL Latchbolt - Part No. S311B

To fit the XL latchbolt, the existing latchbolt will need to be removed. The tools required to fit are a 1.5mm (1/16") hex key and 4mm (3/16") hex key.

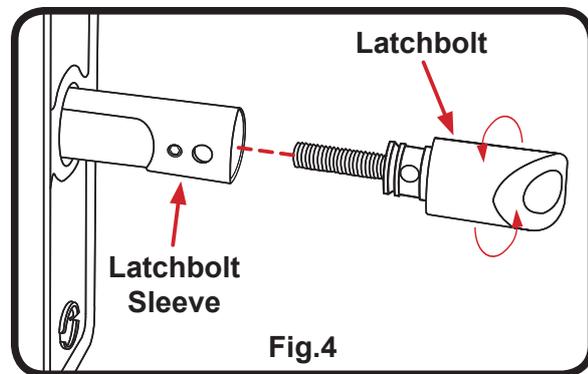
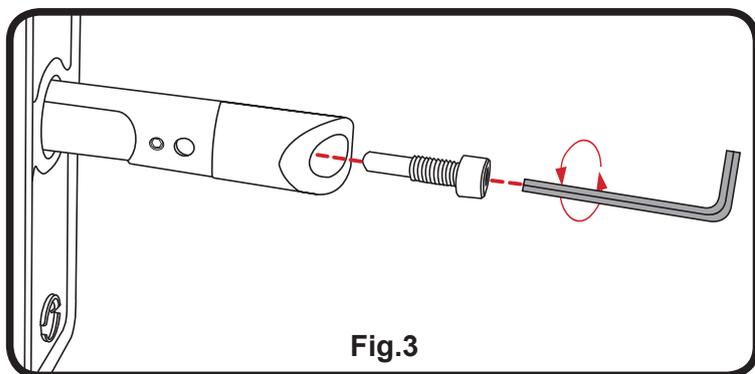
Please Note: Before following step 1, it is advised that the 2 x grub screws are heated with boiling water to release the thread lock. Take care when pouring boiling water onto the grub screws.

1. Using a 1.5mm (1/16") hex key, remove the 2 x hex head grub screws located either side of the latchbolt sleeve. As per **Fig.1** and **Fig.2** below.

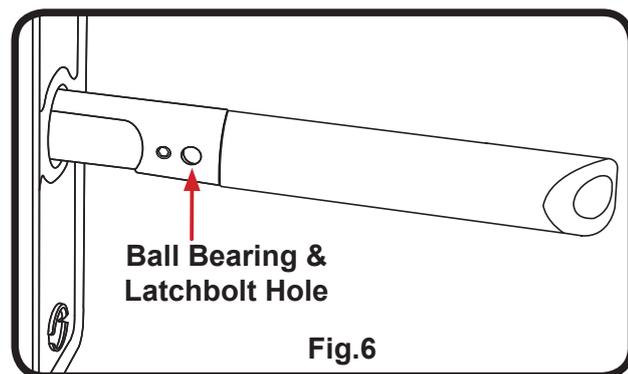
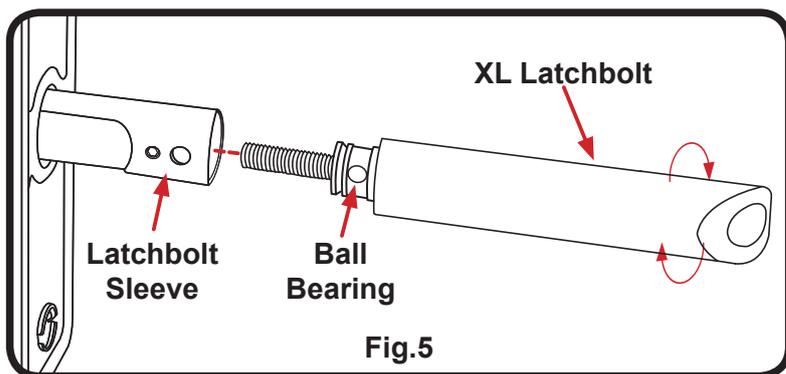


2. Using a 4mm (3/16") hex key, remove the hex head bolt located in the end of the latchbolt as per **Fig.3**. Keep this bolt, as this will be needed when the XL latchbolt is fitted.

3. Holding the latchbolt sleeve, grip and rotate the latchbolt anti-clockwise until it comes away from the sleeve - as per **Fig.4**



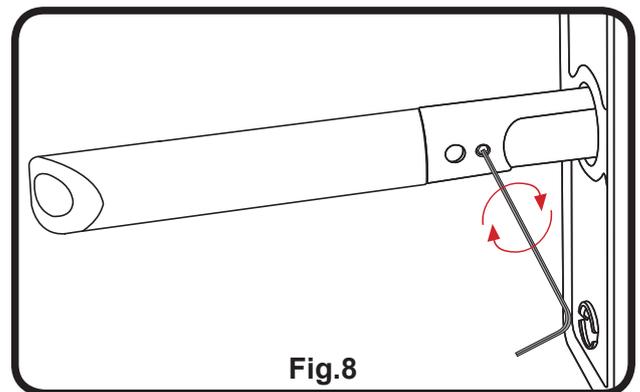
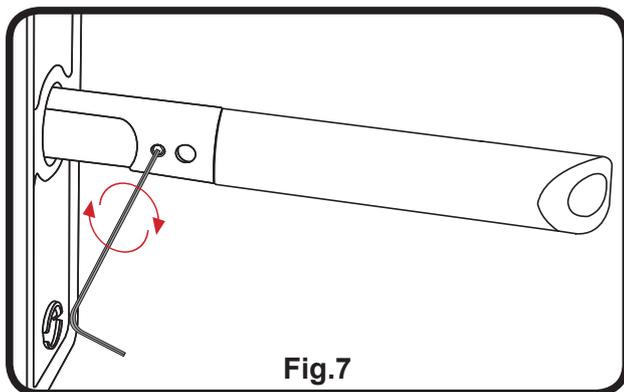
4. Ensure that the 2 x ball bearings are in line with the holes either side of the XL latchbolt as per **Fig.5**. If there is not already - place a small amount of grease around the ball bearings to ensure they do fall out of the holes. With the bearings in position, screw the threaded part of the XL latchbolt (clockwise) into the latchbolt sleeve until both halves join as per **Fig.6**.



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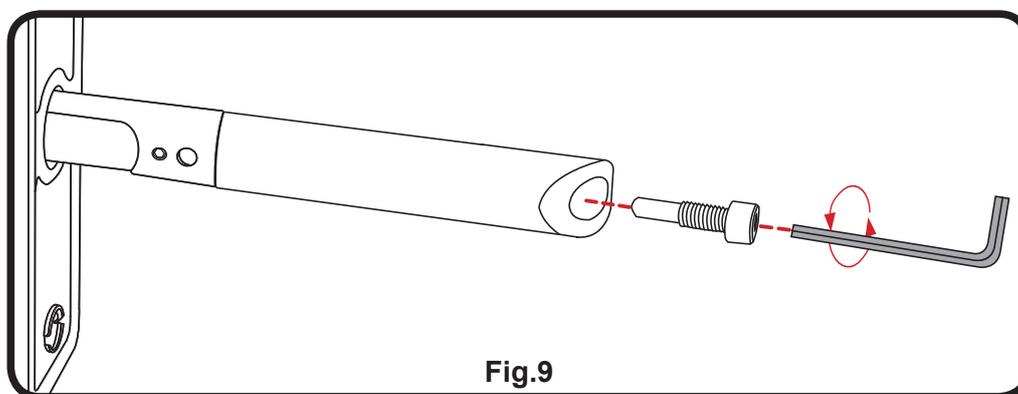
5. Ensure that bevelled edge of the latchbolt is facing the correct way and that the ball bearings are in alignment with the latchbolt hole. Using the 1.5mm (1/16") hex key, replace the 2 x hex head grub screws located either side of the latchbolt sleeve. As per **Fig.7** and **Fig.8** below.

Please note: Do not overtighten the grub screws as this will prevent the latchbolt from rotating and the ability to adjust the length. The head of the grub screws should be flush with the threaded holes on the latchbolt sleeve. Loosen the grub screws slightly if the latchbolt does not rotate.



6. Adjust the latchbolt to the desired length by rotating it anti-clockwise to increase the length between 115mm-130mm. When at the desired length, using the 4mm (3/16") hex key, replace the hex head bolt located in the end of the latchbolt as per **Fig.9**.

When tightening the hex head bolt the 2 x ball bearing will expand out into the holes either side of the latchbolt sleeve.



**Any problems when fitting the XL latchbolt or for any other technical advice please call:
Borg Locks Help Line: +44 (0) 1708 225700**