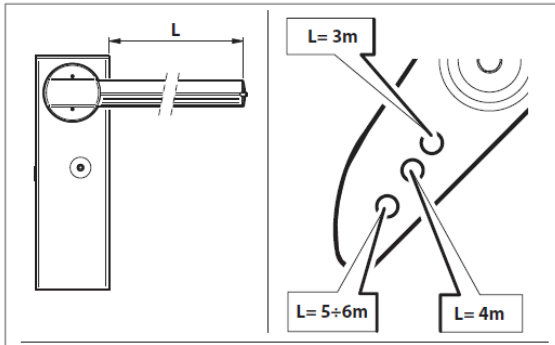




# How to balance the boom



## Spring Arm Mount

For boom lengths of less than 4m or using fewer than 5 sections we advise ensuring that the spring is bolted to the middle hole of the spring arm as shown. If this is not already the case follow these steps.



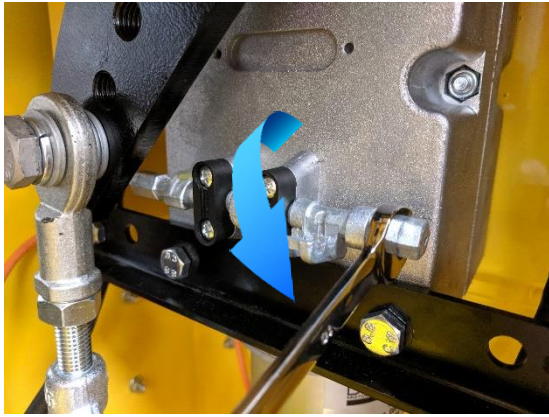
To move the mount position, move the barrier to the Up position, then slacken the bottlescrew until you can detach the spring from the hook at the bottom of the cabinet.



Once detached, unscrew the bolt and then bolt it into the appropriate hole on the spring arm. Ensure bolt is sufficiently tight.

## Spring Tension

With the Boom arm in the down (horizontal) position, assemble the boom with four sections, ensuring the last section used includes the drop leg. Using the remote fob, send the barrier to the up (vertical) position.



Using a 10mm spanner, manually release (disengage) the motor gearbox.

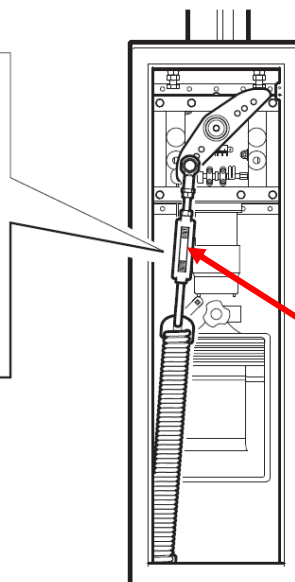
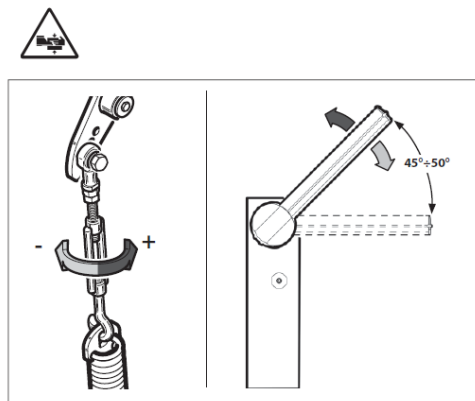


**Only conduct this procedure with the boom attached and in the upright position. Do not attempt to disengage the gearbox without ensuring the barrier is vertical. The spring exerts significant force and can damage the barrier or create risk to personnel if this procedure is incorrectly followed.**



Manually pull the boom down to about 40 degrees from horizontal and let go. Allow the boom to settle.

The aim of this procedure is to balance the boom to 45 degrees. Turn the bottlescrew until the required tension is reached. For a 4-section boom, with the spring mounted on the middle hole of the spring arm, this is usually achieved with a 65mm gap between the sections of threaded bar inside the bottlescrew.



When the tension is correct, manipulate the boom to an upright position and re-engage the gearbox. Run the barrier a few times to confirm correct functionality.

±65mm gap