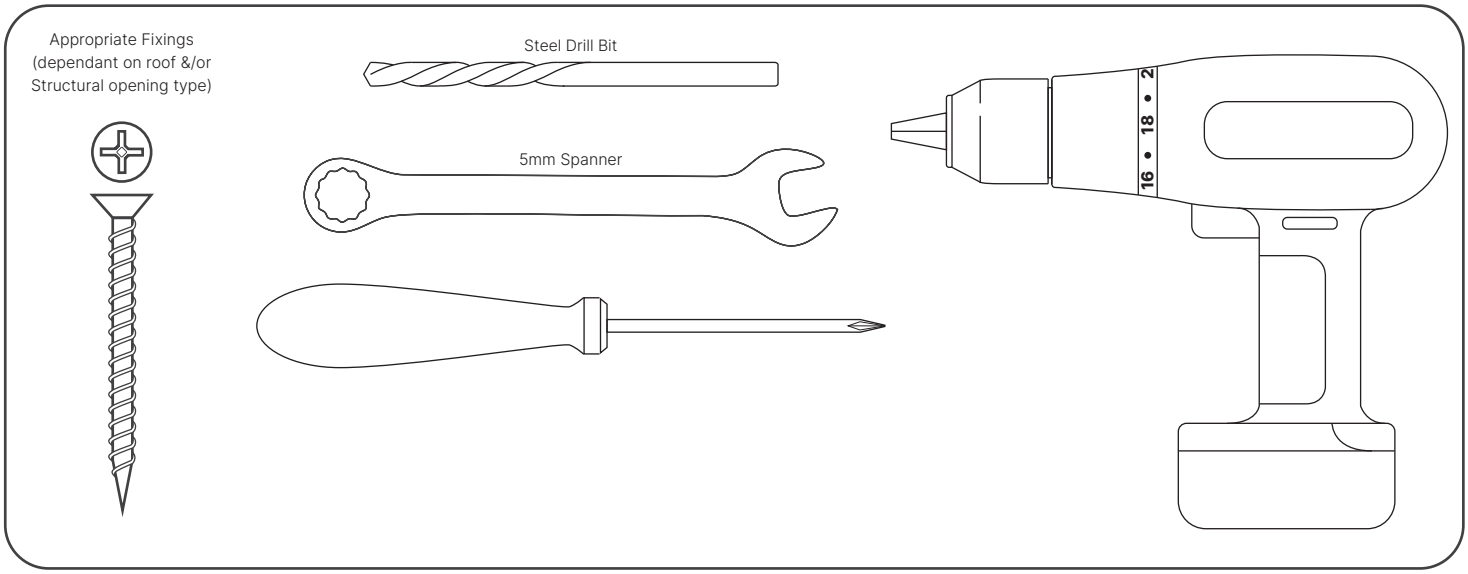
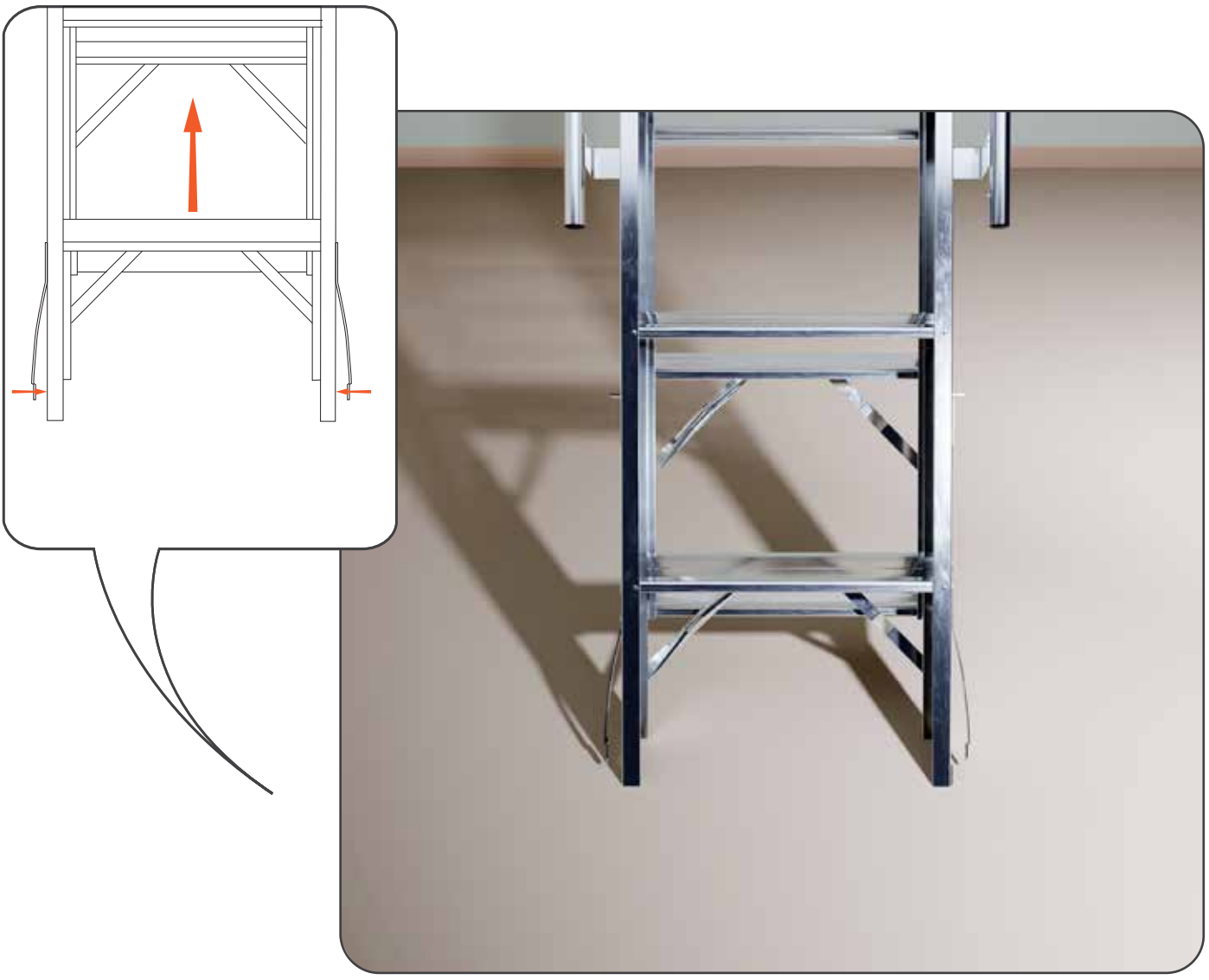
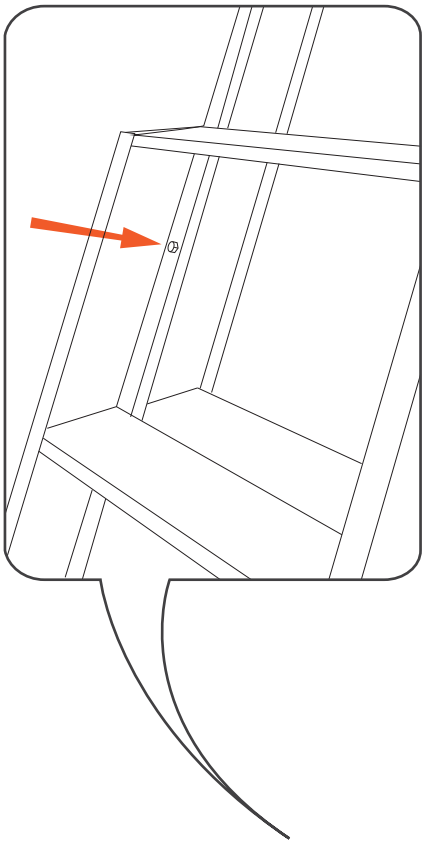
AL4C Fitting Instructions



1

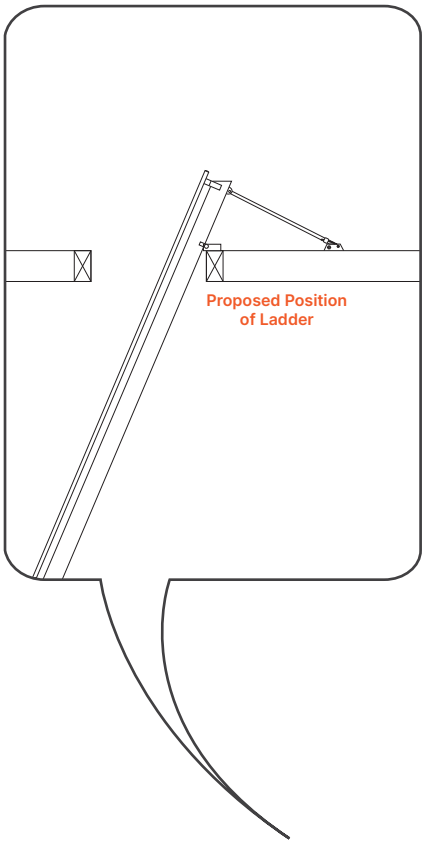
Extend ladder by depressing silver spring catches and raising rear section until fully extended.





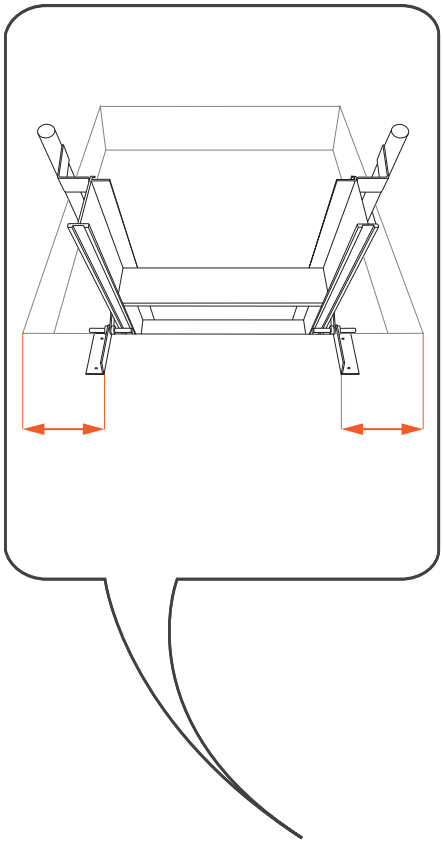
2

Temporarily secure the section by placing two 5mm bolts into the pre-drilled holes located in the overlap section of the ladder between the treads.



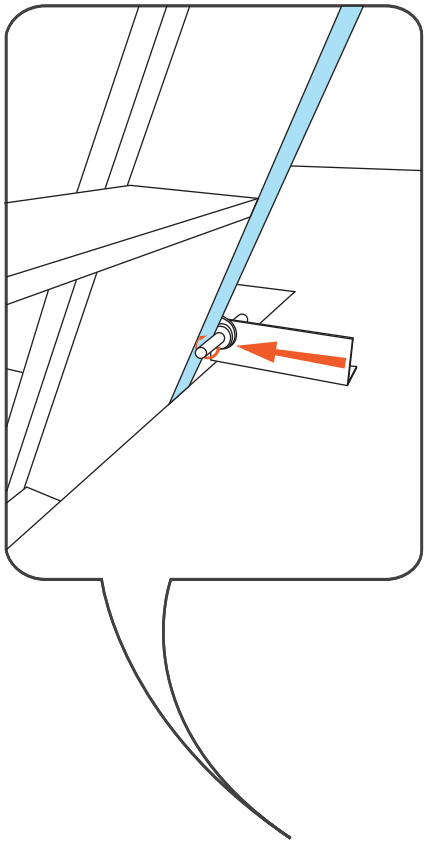
3

Place the extended ladder within the opening in the proposed fixing position.



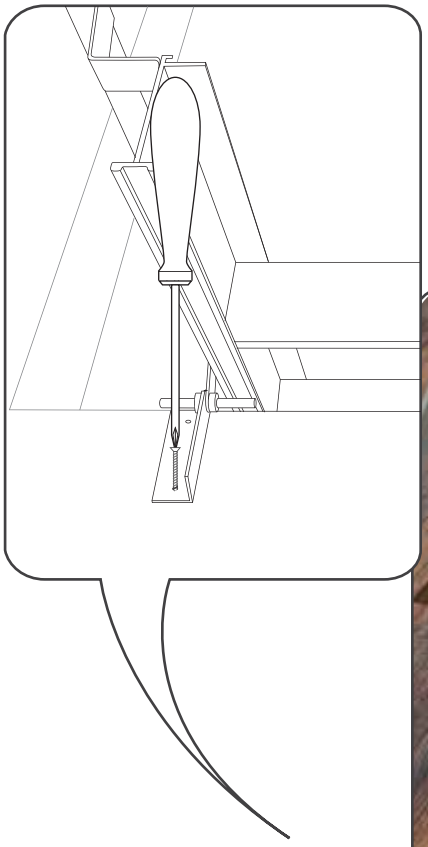
4

Position the pivot shaft on the loft floor behind the ladder, ensuring the fittings are evenly split on either side.



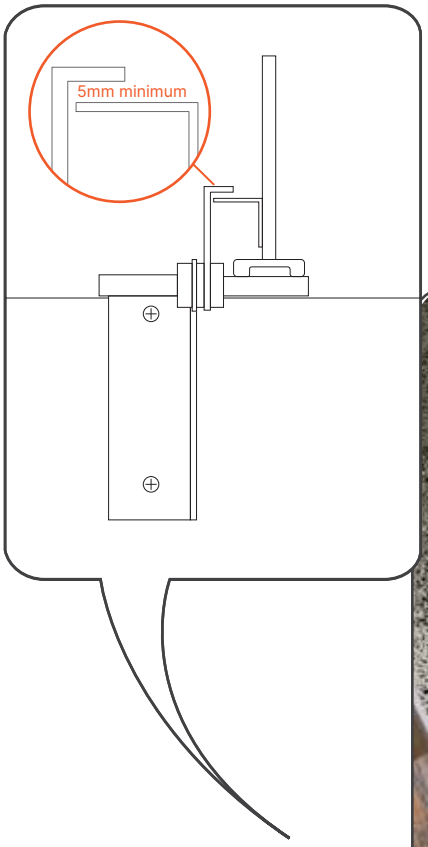
5

Shift the shaft forward over the opening until the ladder solely contacts the shaft, avoiding contact with the floor structure.



Secure the shaft to the floor, ensuring that it is parallel to the opening.

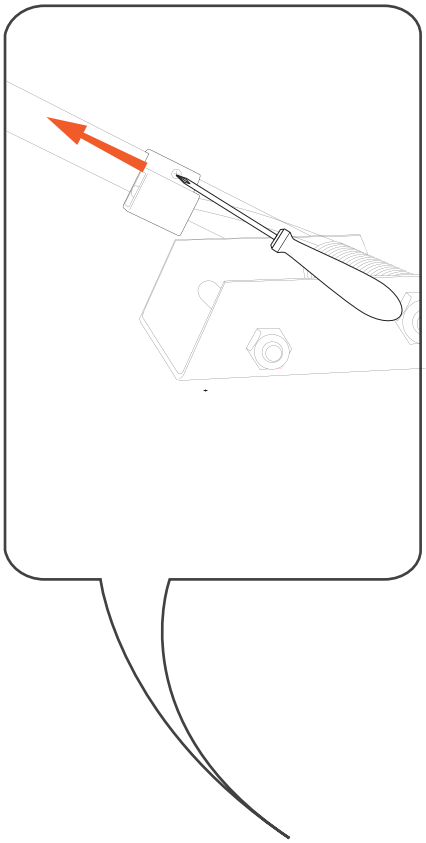
6



Close the triangular brackets to the side of the ladder to engage around the aluminium angle fitted to the side of the ladder.

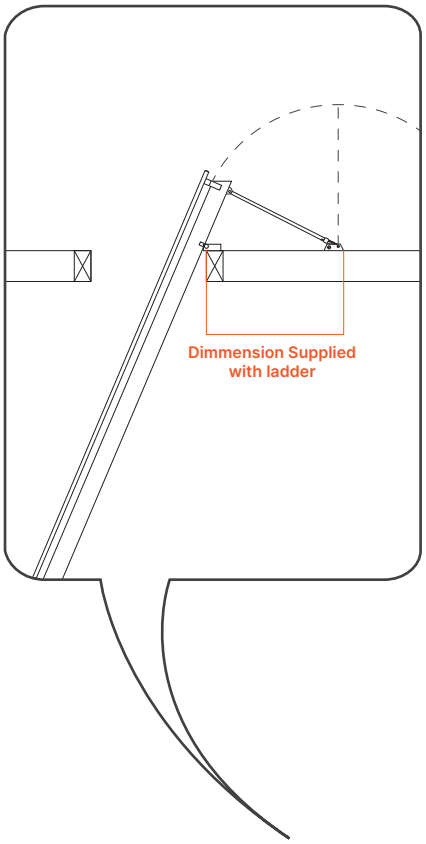
7

NOTE: these **do not** need to be tight to the ladder, leave a minimum 5mm clearance.



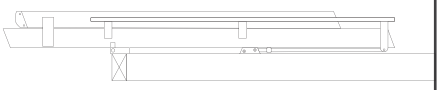
8

Remove the tension from the spring units by releasing the sliding saddles from the radius arms.



9

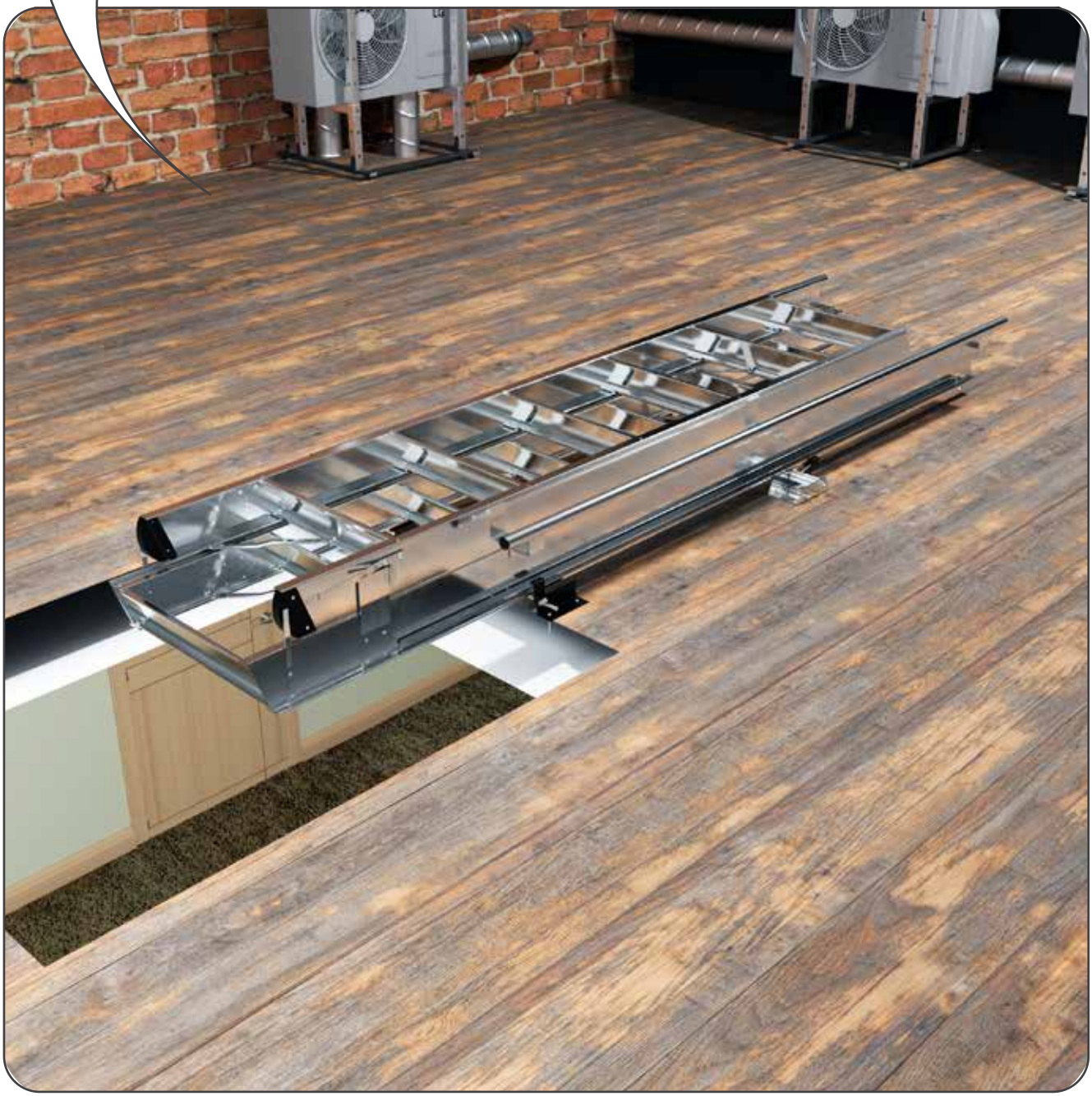
Position the pair of spring units on the loft floor ensuring they are running away from the ladder in a parallel fashion. Fix to the floor at the dimension shown on the associated sheet (supplied with product).



Working from below the ladder, remove the temporary bolts from **Section 2.**

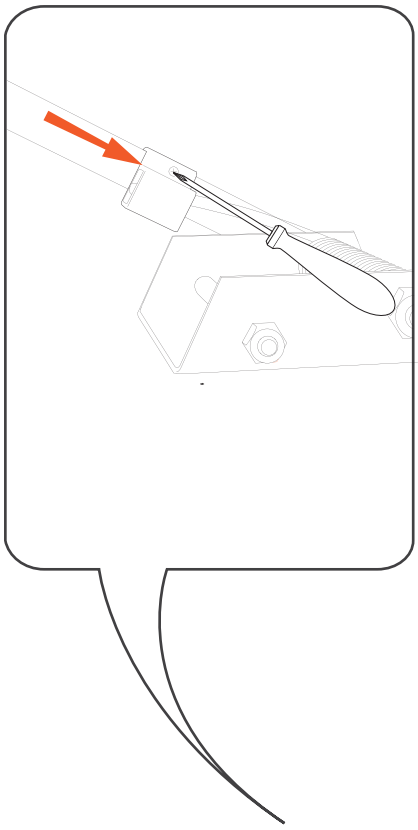
Close the front section until auto catches engage and offer the ladder up and over into the hatch to ensure it passes clear in the opening and comes to rest in a horizontal position within the loft.

Check it is parallel to the opening and not laying to one side.



NOTE: If the spring units are not installed at the same distance from the shaft, or if the loft floor slopes down across the units, one radius arm will result in being longer than the other.

As a result, when the closed ladder is stowed, it will tilt to one side.



Working from within the loft and with ladder in the closed position re attach to sliding saddles to effect the springs.

Test ladder for smooth operation from below with 'long arm' pole provided.

Ladder should be eased with petroleum jelly or a light grease where it runs over the shaft if it does not run smoothly.

Excess lubricant should be cleaned away.

Adjust the tension of the springs if necessary to ensure the ladder is fully controlled in operation. Raising the front bolt in the spring units gives large spring adjustment, sliding the saddle down the arm gives minor adjustment.

NOTE: Adjustment should be made with the ladder in the closed position where the spring is relaxed.