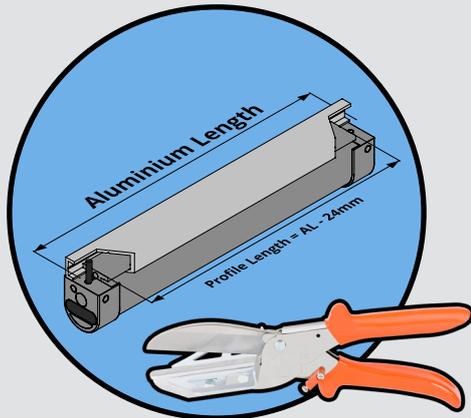


**KS4 ASSEMBLY INSTRUCTIONS (SENTIR EDGE GF & F SERIES)**

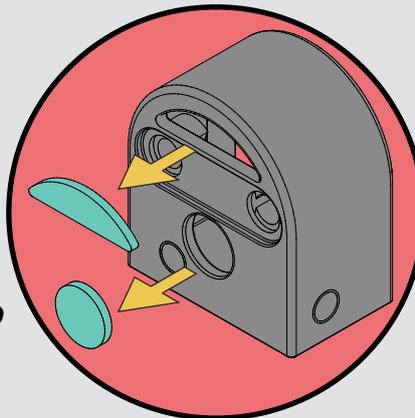
(ASSEMBLY INSTRUCTIONS SAFETY CONTACT EDGES MAY ONLY BE MANUFACTURED AND INSTALLED BY AUTHORISED PERSONS)



**1. Cutting the safety contact edge**

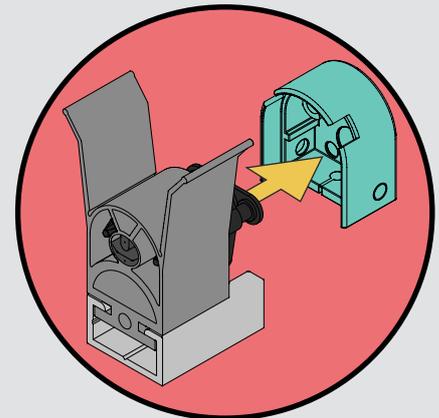
Cut the safety edge material 24mm shorter than the required finished length of the contact edge.

**!WARNING! USE ONLY THE APPROVED LOWE 3306/3316 CUTTING TOOLS.**



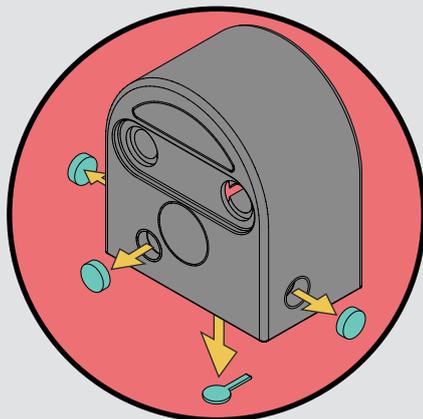
**2a. Preparing end caps (drainage holes)**

If the edge is to be mounted horizontally, remove the drain plugs from both ends. If the edge is mounted vertically, just remove the plugs from the end closest to the ground.



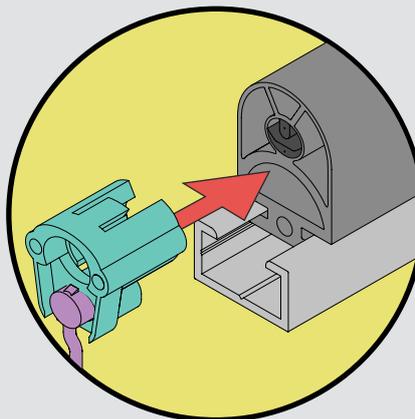
**2b. Preparing end caps (sealing lip)**

For the TTL & TTLa profiles, remove a notch from the end cap to allow the sealing flaps to protrude through the end cap.



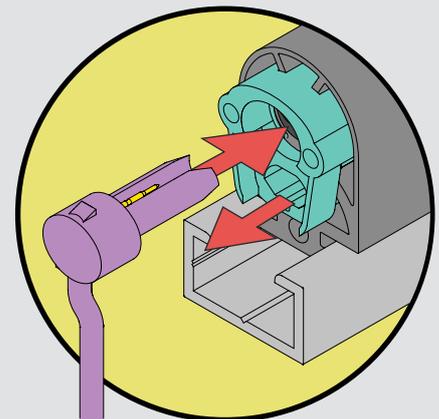
**2c. Connection cable**

Choose the desired cable exit of the endcap, then cut out the appropriate mark using a small cutting tool.



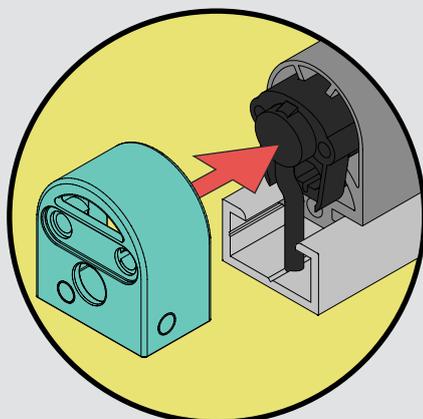
**3. Insert the lock cap**

Push in the lock cap including the attached plug into the hollow spaces surrounding the switching chamber and push it tight to the cut surface of the safety contact edge.



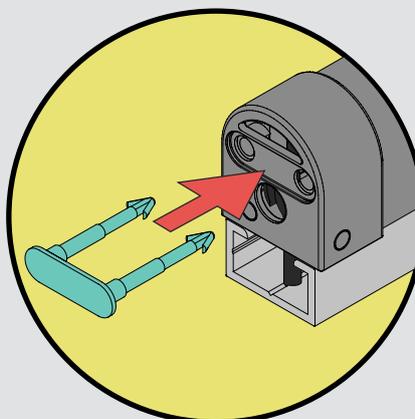
**4. Insert the contact plug**

Insert the attached plug into the electrical switching chamber of the safety contact edge, be sure that the plug is pressed in tightly until the upper notch of the plug fits closely to the lock cap.



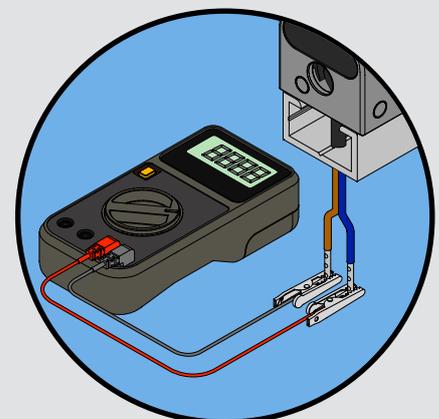
**5. Place end caps**

Push the endcaps neatly over each end of the safety contact edge to secure the build.



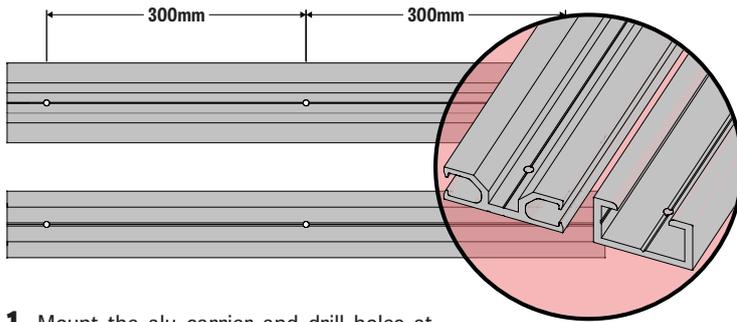
**6. Insert fixation clips**

Fasten the endcaps, by pushing the fixation clip into the given space until it clicks into place. For bigger contact edges an additional fixation clip is used to fasten the caps.

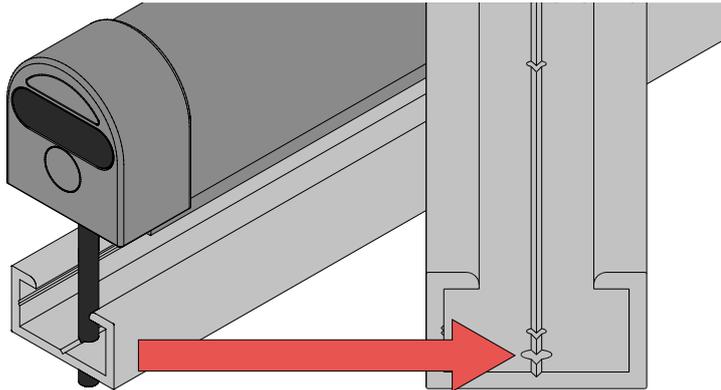


**7. Electrical testing of contact-safety-edge**

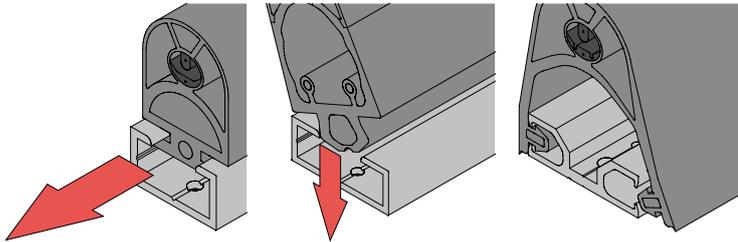
Measure the contact edge with a multimeter. In rest position, the resistance value has to be **8.2 kΩ ± 500 Ω (7.7 - 8.7 kΩ)**. When edge is activated, the resistance should not exceed **500 tΩ**.



**1.** Mount the alu carrier and drill holes at points spaced 300-500mm apart minimum.

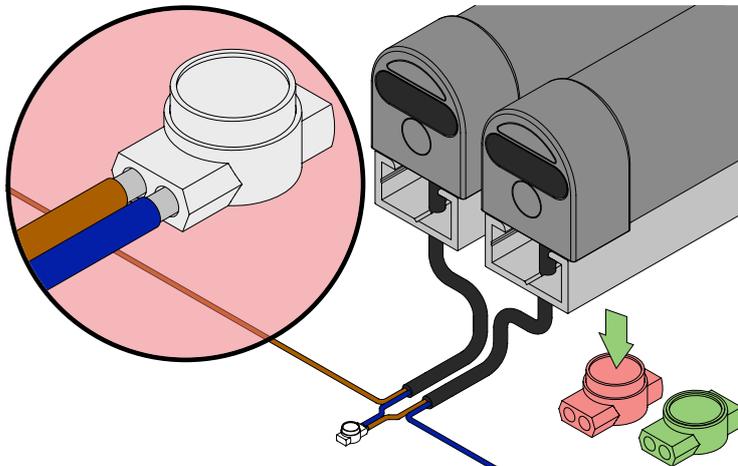


**3.** Drill an additional 8mm hole in the desired location to draw any cables through the alu carrier and frame of gate/door.

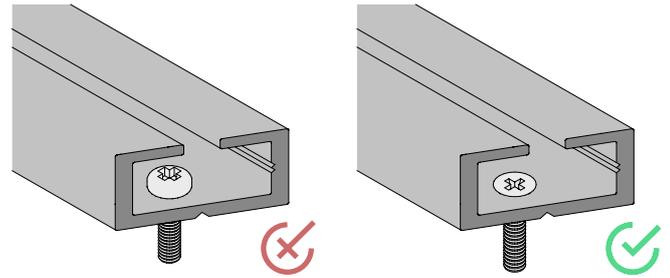


**5.** Fit the safety edge to the carrier as illustrated (edges with **T foot** slide in) (edges with a **C foot** clip in from above) (edges with a **Clip foot**, clip over from either side of the safety edge).

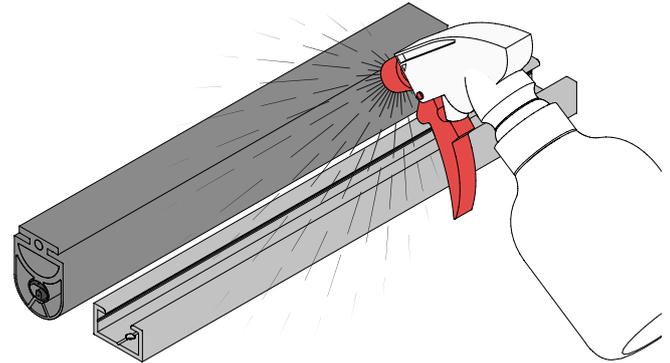
**6. !WARNING!** do not attempt to pull T foot or C foot edges in to the alu carrier using the attached cables, this can damage the edges assembly and will invalidate any warranty



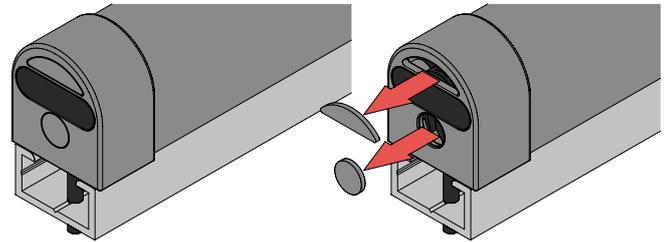
**8.** When joining cables between safety edges or junction boxes, be sure to use weather proof connectors such as gel crimps or properly soldered and heatshrunk connectors rated at IP 65 or above **!WARNING!** Failure to join cables properly will invalidate any warranty of the safety edge.



**2.** Use pan headed or counter sunk screws where possible to prevent snagging of the rubber edge profile on exposed screw heads.



**4.** Use a soapy water spray solution to coat the rubber foot of the safety edge profile and the alu carrier before attempting to install the safety edge.



**7.** Finally ensure that water drains from the end caps have been removed as illustrated (for vertical installations remove only the lower water drain (for horizontal installations remove water drains from both ends of the safety edge) **!WARNING!** failure to remove water drains from the safety edge will invalidate any warranty.

**STORAGE AND HANDLING METHODS**



ASO edge material for self-assembly **MUST** be stored in a cool, dry environment away from sources of water or heavy contaminants. Before attempting to assemble contact edges the material should be checked thoroughly for moisture or contaminants and cleaned and dried appropriately.

**DO NOT** tightly coil or place heavy objects on top of the safety edge materials, this can cause damage to the profile and will invalidate any warranty.