FIST-GCO2-RSKG-4

INSTALLATION INSTRUCTION

Gel seal for the round cable ports of FIST-GCO2-BX6 and FX6 splice closure

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3.1 General
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1 General

This kit is used to install up to 4 drop cables of 4 - 7 mm in a new un-used round port of a FIST-GCO2-BX6 and FX6.

2 Kit content

FIST-GCO2-RSKG-4-NS

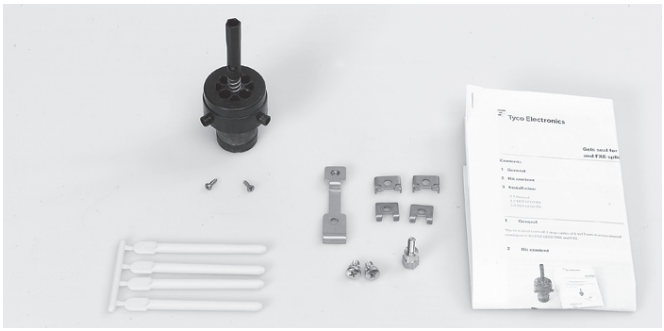
- Gel seal
- Blind plugs
- Fixation screws 2
- Installation instructions

FIST-GCO2-RSKG-4-ST

· Strength member fixation kit

FIST-GCO2-RSKG-4-JF

· Jacket fixation kit



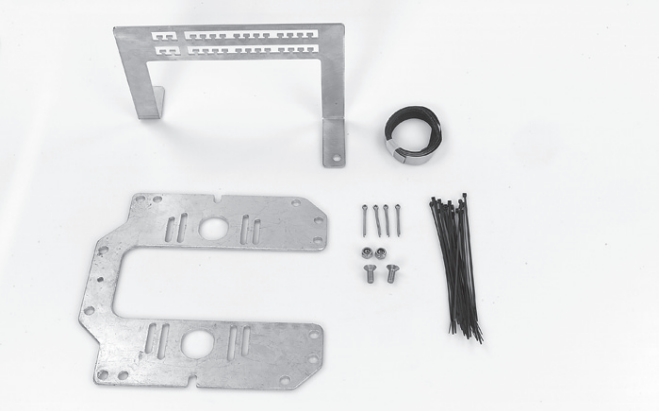
FIST-GCO2-FX-RSKG-4-ST

Strength member fixation kit

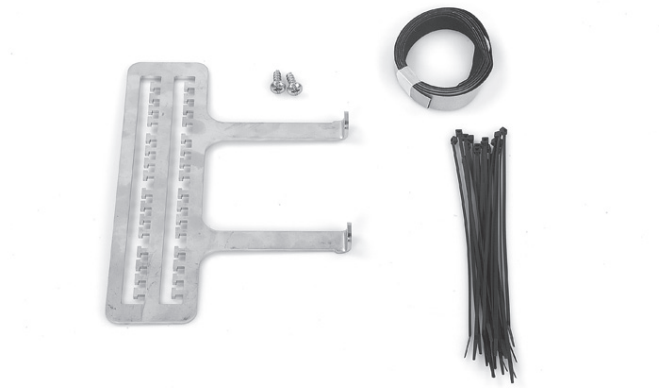
FIST-GCO2-FX-RSKG-4-JF

Jacket fixation kit

Optional



FIST-GCO2-BX6-EXT/CF
GCO2-BX Cable securing frame

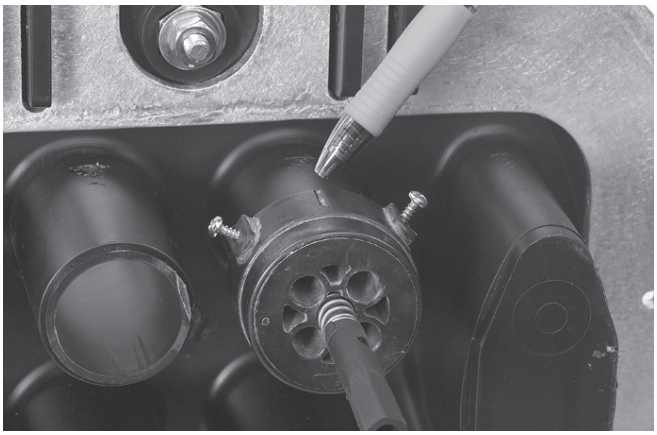


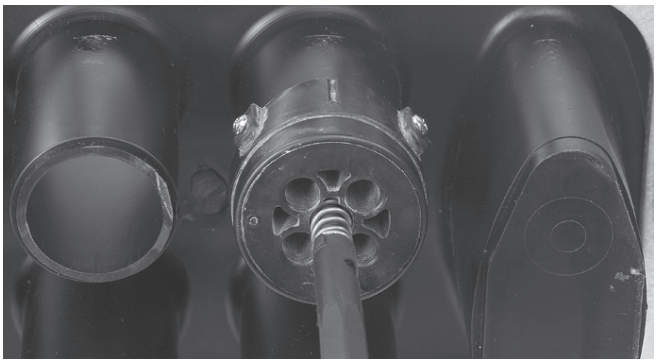
FIST-GCO2-FX6-EXT/CF
GCO2-FX Cable securing frame

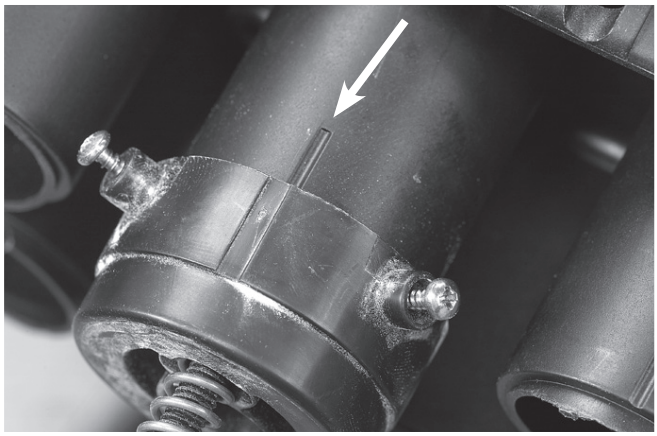
3 Installation

3.1 General

3.1.1 Before installing the gel seal in the port, install the 2 fixation screws.



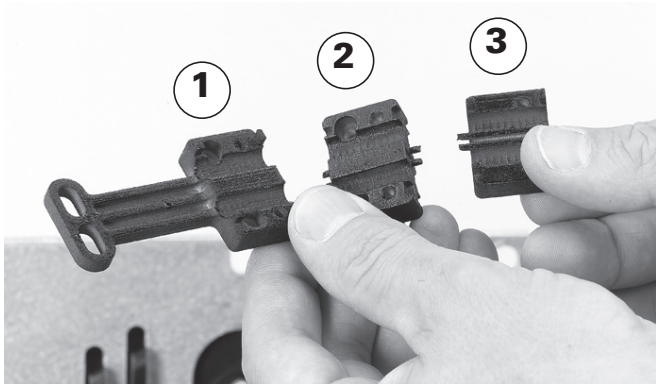


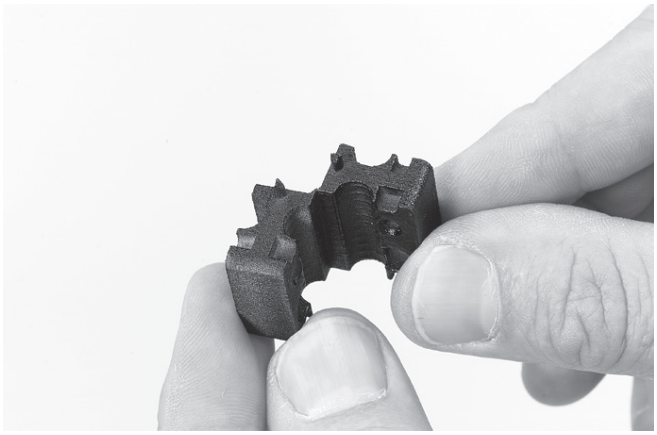


3.1.2 Open the port. The cutting wire can be used. Make sure edges are free of burrs. Install the seal in the port. The marking line always facing forwards. Tighten the 2 screws. Make sure the screws grip in the port.

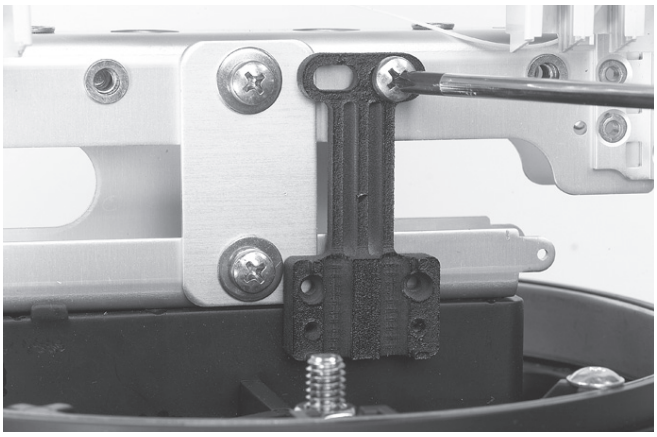
3.2 FIST-GCO2-BX

3.2.1 Jacket fixation

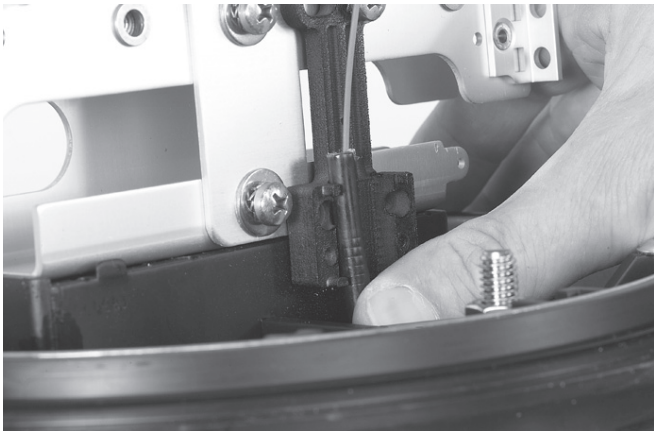




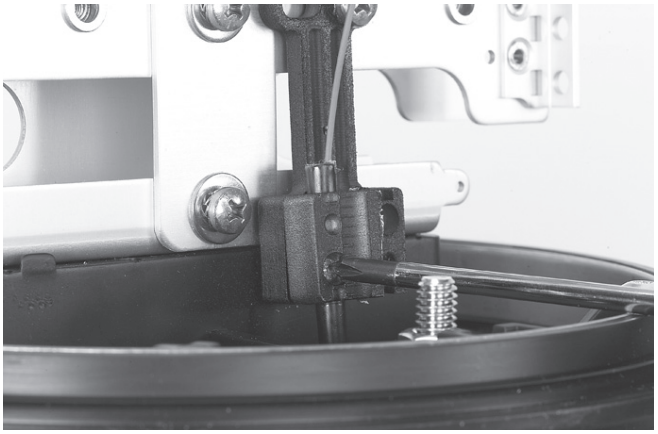
3.2.1.1 Separate the 3 parts of the cable fixation block.
Note: part 2 and 3 can also be separated if needed.



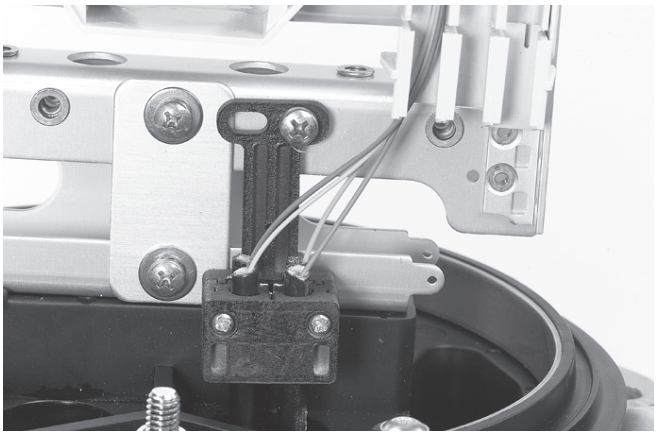
3.2.1.2 Fix part 1 of the cable fixation block at the corresponding port (check alignment).
Note: in order to have a good cable management, make sure all cables have the same length!



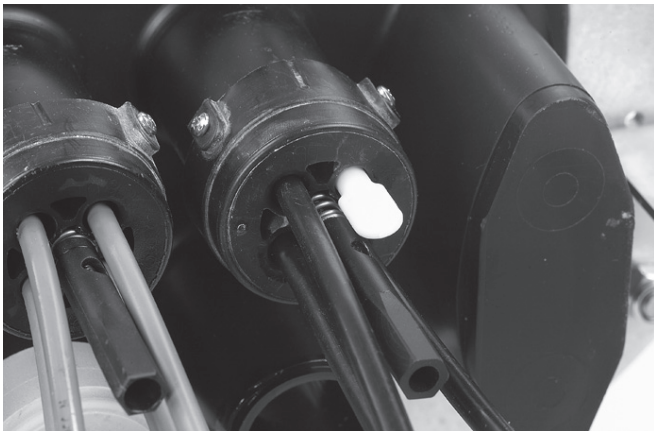
3.2.1.3 Feed the cable through the port (cable 1 and 2 at the back). Put a mark at ± 3 mm above the cable fixation block and remove the cable jacket (respect cable lengths: 2.2 m strip length).



3.2.1.4 Fix the cable with part 2 and delivered screw (can be separated when second cable needs to be fixed).
Note: when cable diameter is < 7 mm, diameter has to be built up with foam.



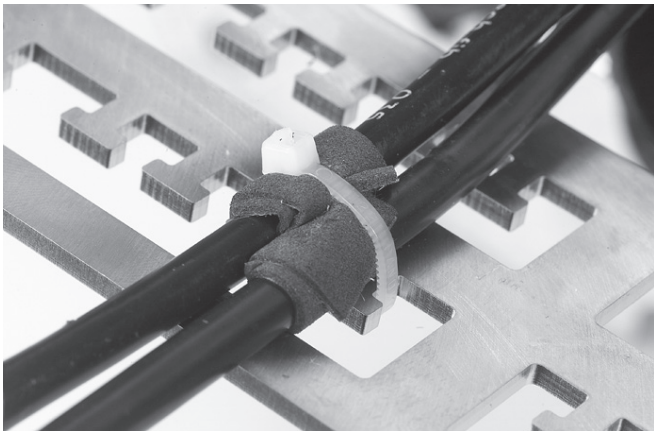
3.2.1.5 For cable 2 repeat as for cable 1. For cable 3 and 4, use part nr 3. Route the fibers as per standard practice.



3.2.1.6 In case the 4 cables are not installed the same day, use blind plug(s) to fill the unused ports.

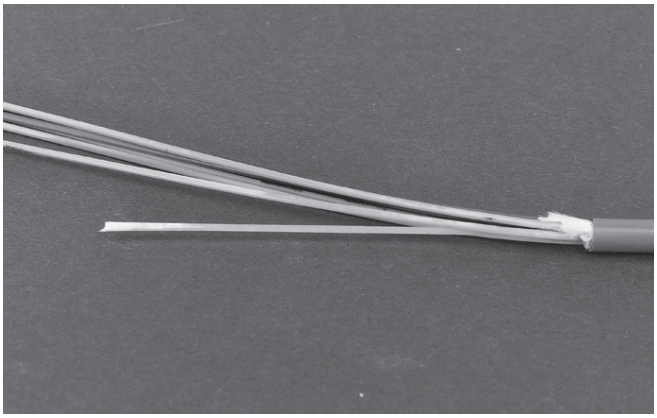
3.2.1.7 Tighten the trigger till it buts up with the flange. The spring should be hidden after tightening.

3.2.1.8 **Optional**: a cable securing frame can be mounted onto the MOBRA (bolt and nut-. This allows cables to be secured outside the closure.

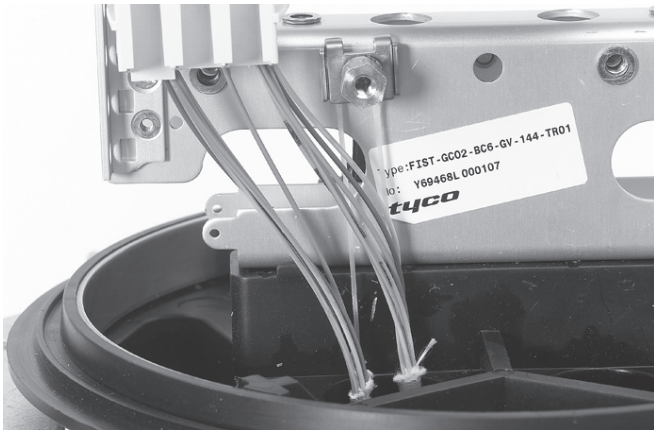


3.2.1.9 **Optional**: apply some foam to the cable and secure with tie wrap to the frame.

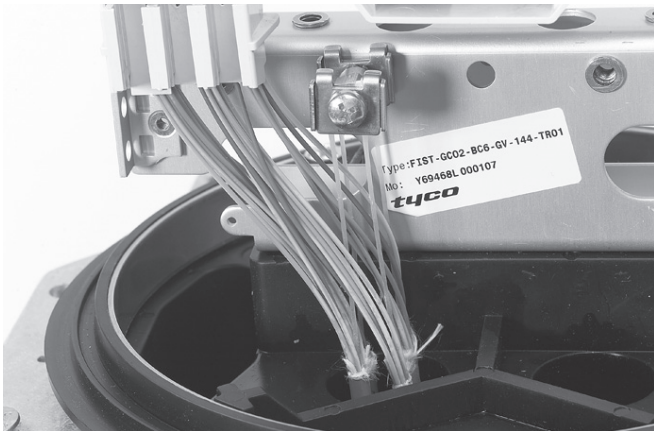
3.2.2 Strength member fixation



3.2.2.1 Feed the cable through the port (± 2.5 m) and prepare as per standard practice (2.2 m strip length). Cut the strength member at 75 mm.



3.2.2.2 Pull back the cable and install the strength member(s) between the 2 metal plates. Fix with the spacer.

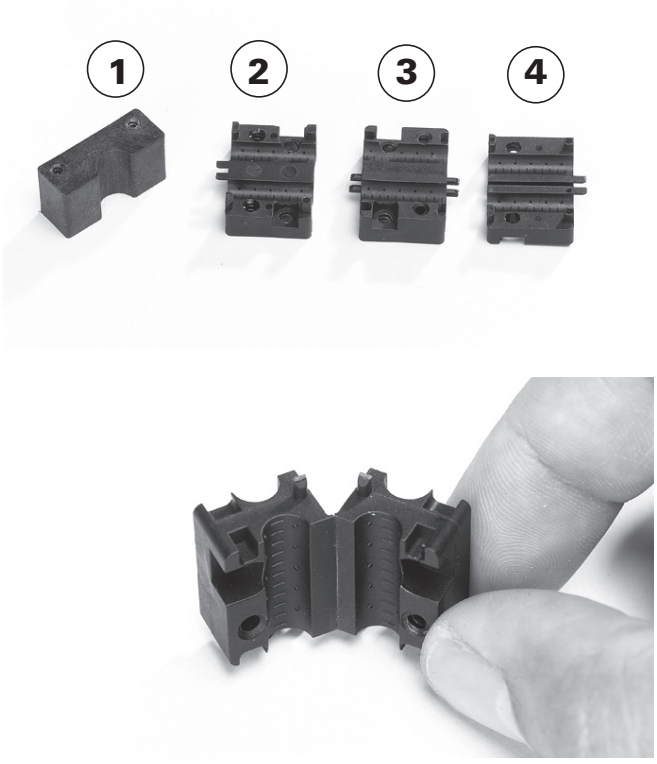


3.2.2.3 Fix cable 3 and 4 on top of the spacer with the 2 metal plates and the screw. Route the fibers as per standard practice.

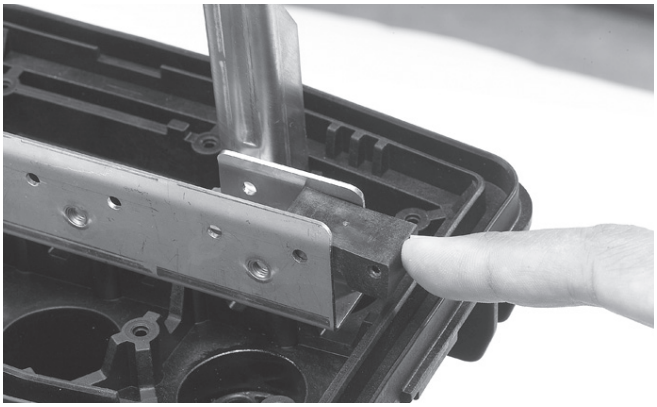
3.2.2.4 Finish the installation as described in 3.2.1.6 and 3.2.1.9.

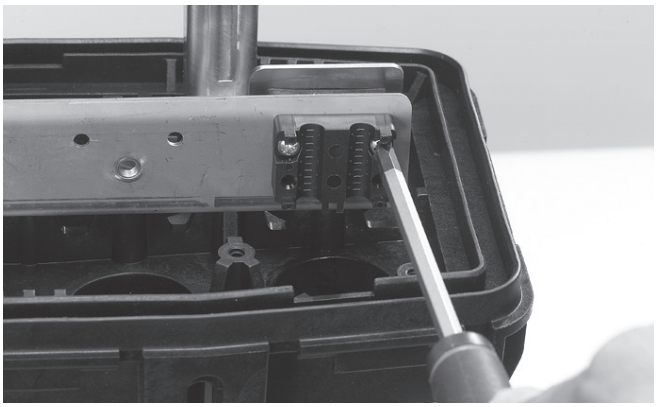
3.3 FIST-GCO2-FX

3.3.1 Jacket fixation

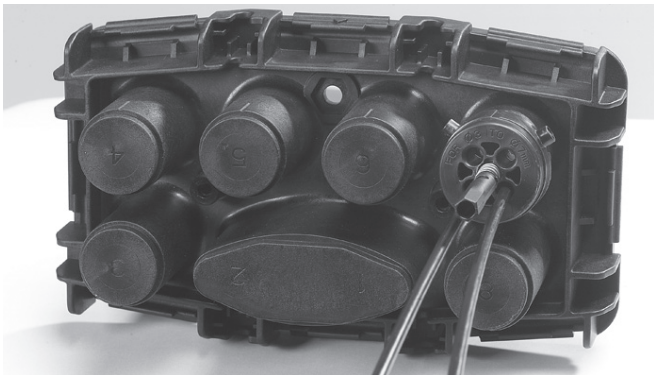


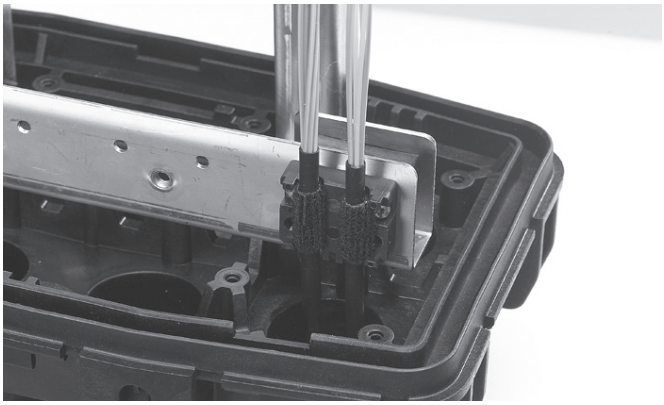
3.3.1.1 Separate parts 2, 3 and 4 of the cable fixation block.
Note: part 3 and 4 can also be split in two if necessary.



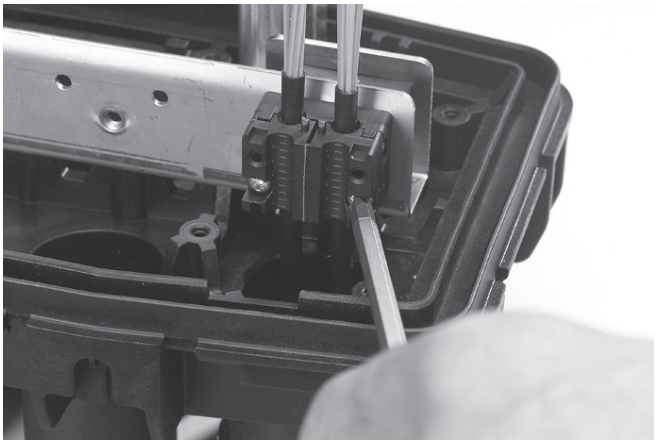


3.3.1.2 Place part 1 inside the bracket with the two holes aligned. Screw part 2 onto the bracket. The screws grasp in part 1.
Note: in order to have a good cable management, make sure that all cables have the same length!

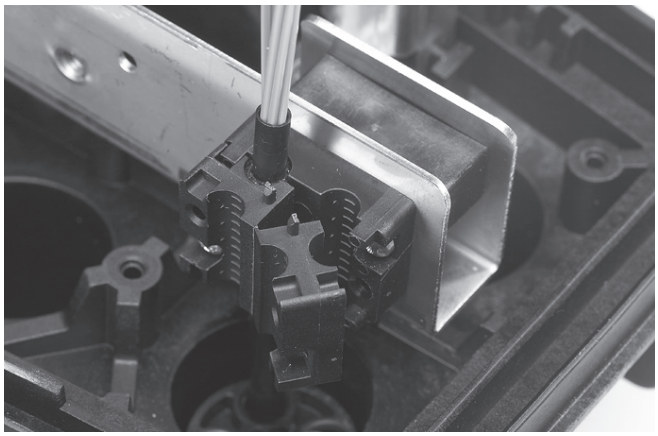




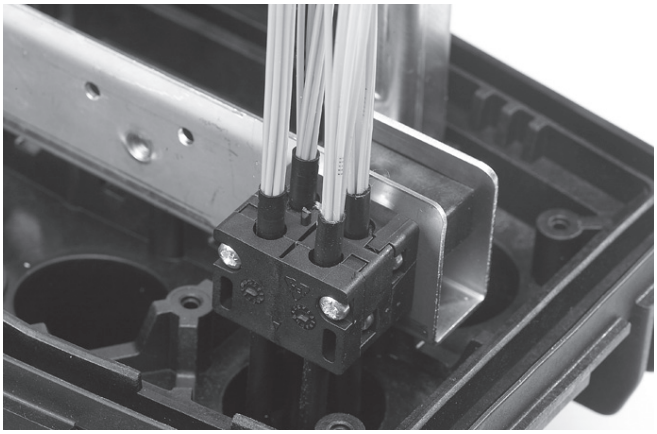
3.3.1.3 Feed the first 2 cables through holes 1 and 2 of the gel block. Mark the cable at 3 mm above the fixation block and from there remove the cable jacket while respecting the stripped length.
Note: when cable diameter is < 7 mm, diameter has to be built up with foam.



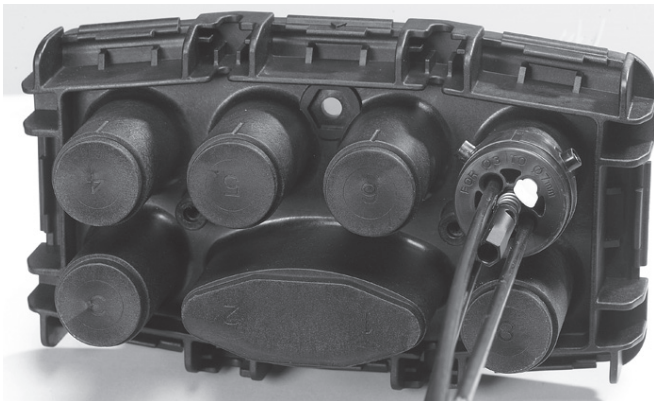
3.3.1.4 Secure the cables by attaching part 3.



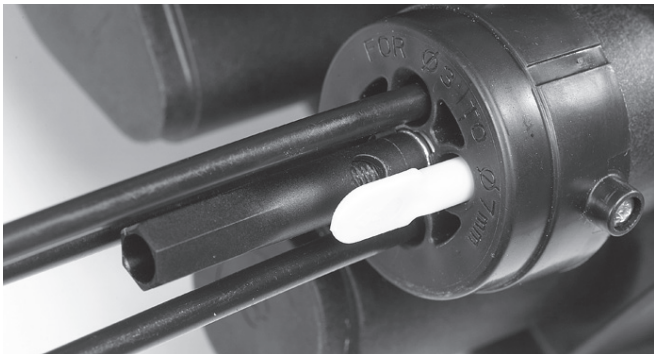
3.3.1.5 In case only one cable is installed, part 3 can be split and another cable can be added later.



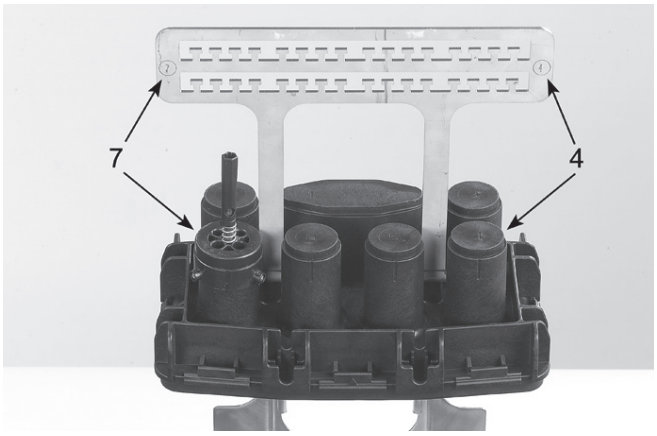
3.3.1.6 Feed cables 3 and 4 through the remaining holes of the gel block and secure them with part 4. Part 4 can be split as well in case only 3 cables are installed. Route the fibers as per standard procedure.



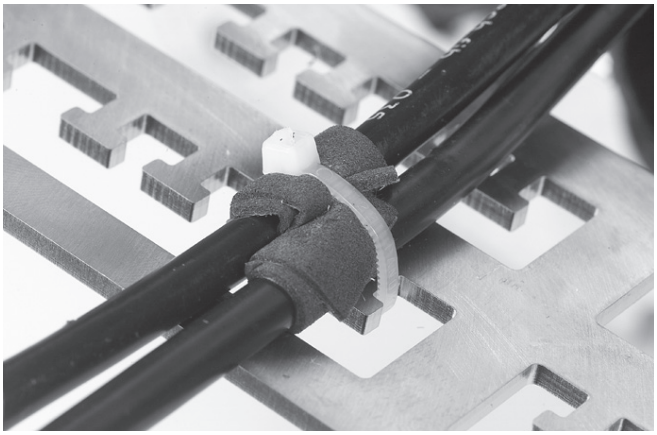
3.3.1.7 Use blind plugs to fill up all the unused ports.



3.3.1.8 Tighten the trigger until it butts up with the flange. The spring should be hidden after tightening.

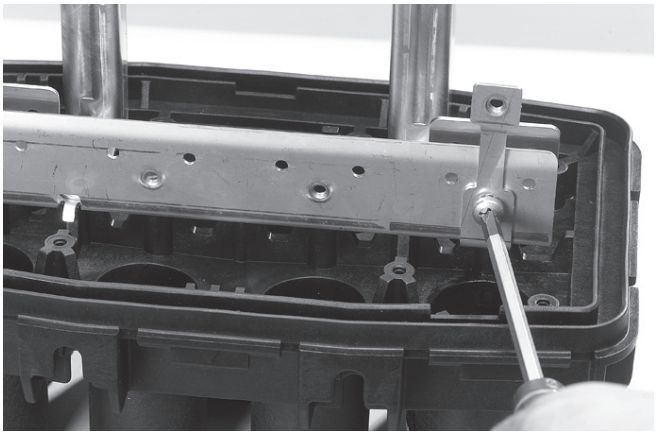


3.3.1.9 **Optional** : the cable securing frame can be mounted onto the bottom of the closure with the 2 delivered screws. The marks ‘4’ and ‘7’ must be nearest to the corresponding ports.

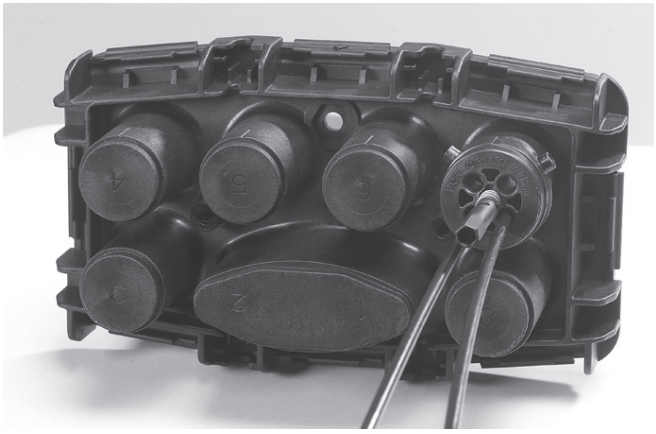


3.3.1.10 Optional : apply some foam to the cables and secure them with tie wraps to the frame.

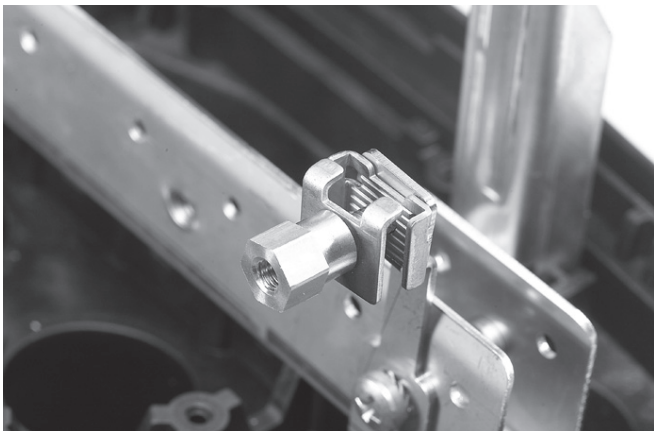
3.3.2 Strength member fixation

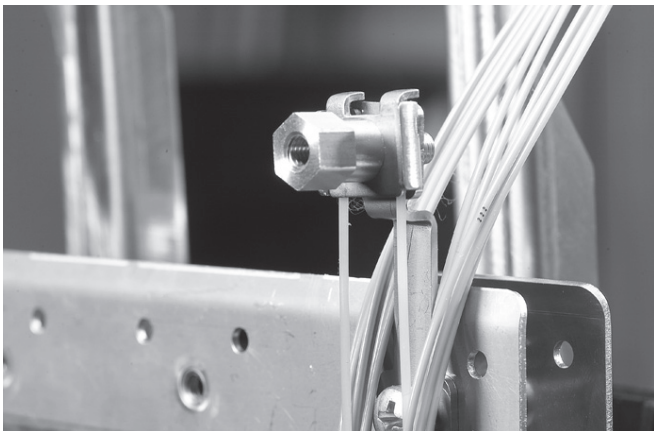


3.3.2.1 Screw the strength member plate onto the bracket.



3.3.2.2 Feed the first 2 cables through holes 1 and 2 of the gel block. Strip the cable to the prescribed length from the top of the port and cut the strength member at 75 mm above the top of the port.





3.3.2.3 Pull back the cables and let the jacket reach the top of the port. Install the strength members between the 2 metal plates. Secure with the spacer.

3.3.2.4 Feed cables 3 and 4 through the remaining holes of the gel block and install the strength members between the next set of 2 metal plates on top of the spacer. Secure the strength members with the screw. Route the fibers as per standard procedure.

3.3.2.5 Finish the installation as described in 3.3.1.7 through 3.3.1.10 .

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