COMMSCOPE®

FIST-RSKG-8

INSTALLATION INSTRUCTION

TC-909-IP
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Gel seal for the round cable ports of FIST-GCO2-BX and FX splice closure

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1 General

This kit is used to install 8 drop cables of 3 to 5 mm in a new unused round port of the FIST-GCO2-BX and FX.

Comment: depending on outside conditions some oil bleed-out may occur. This will not affect in any way the sealing performance.

2 Kit contents

Kit content FIST-GCO2-BX6

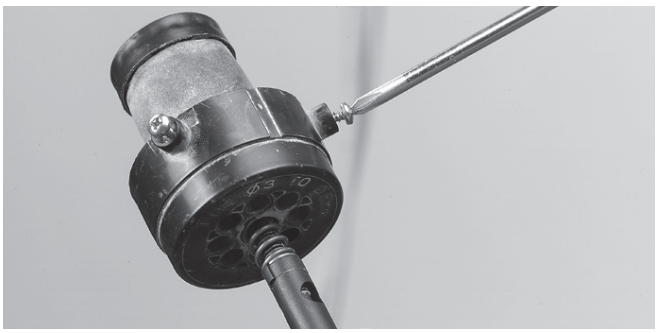
Kit content FIST-GCO2-FX/BX8

Note: The lubrication oil in the kit makes it easier to
- install gel-seal in the closure ports
- guide cables through ports in the gel-seal.

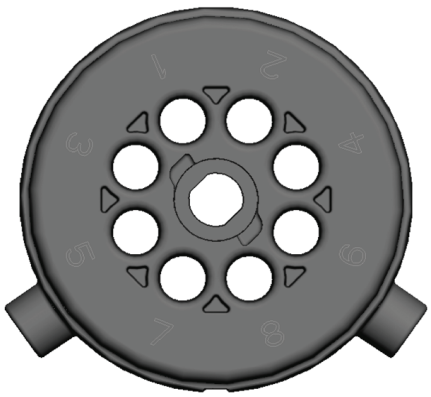
3 Installation

3.1 General

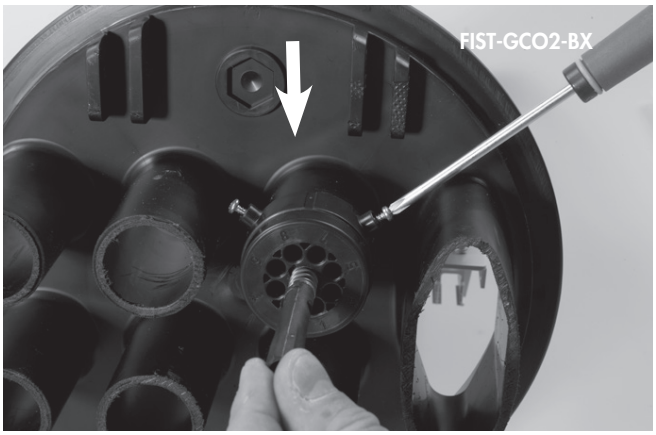
Thermoplastic gel seals	
Number of ports	Cable range (mm)
1	11-14
2	8-11
3	6,5-8
4	4-7
8	3-5
16	0-3
FOSC-OSKG	6-15
FIST-OSKG	5-18
FIST-OSKG20	16-20

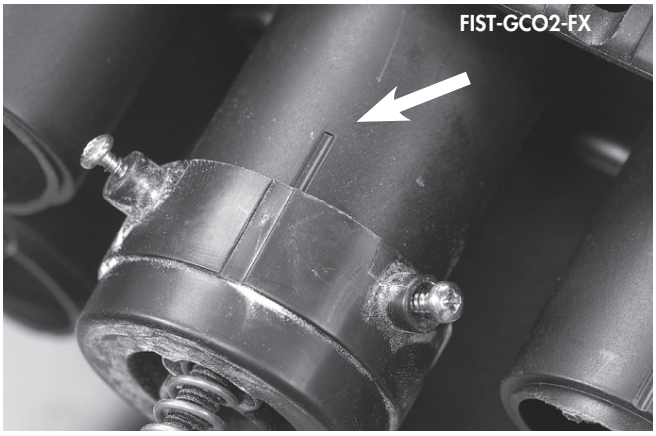


3.1.1 Before installing the gel seal in the port, install the 2 securing screws.



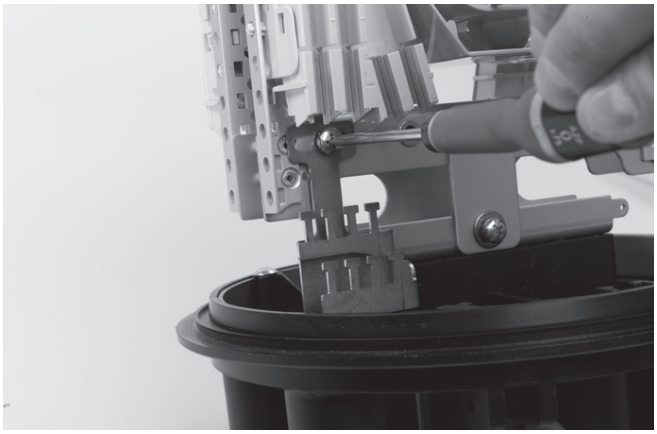
3.1.2 First cable must be installed in the position number 1. And the next must follow the numbering.



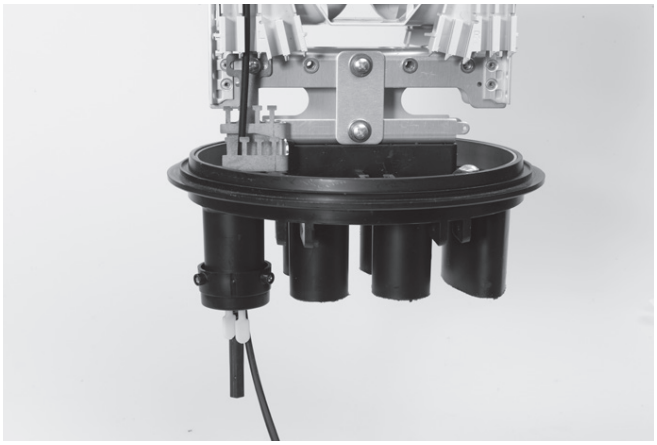


3.1.3 Open the port. The cutting wire can be used. Make sure that the edges are free of burrs. Install the seal in the port, the mark line always facing forward. The mark line on the gel seal should match with the mark line on the FIST-GCO2-FX drop port (the mark at the FIST-GCO2-FX should be hidden when the seal is installed). Tighten the 2 screws and make sure they grip in the port.

3.2 Cable fixation in the FIST-GCO2-BX

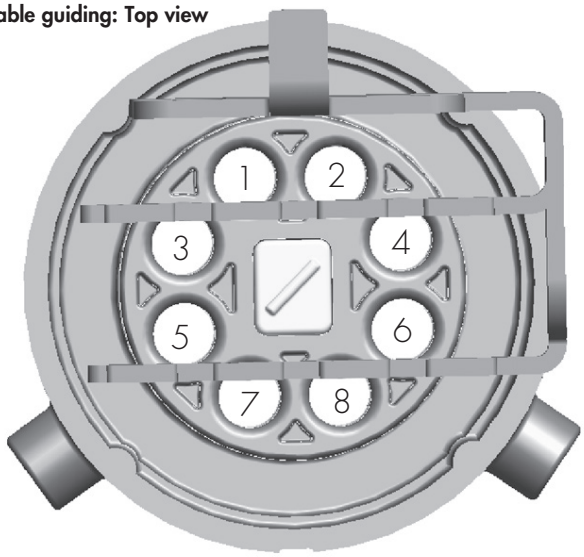


3.2.1 Install the bracket as shown. Make sure it is positioned at the center of the port.

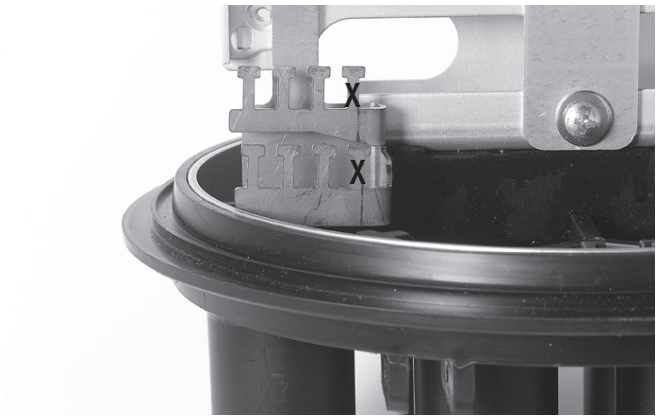


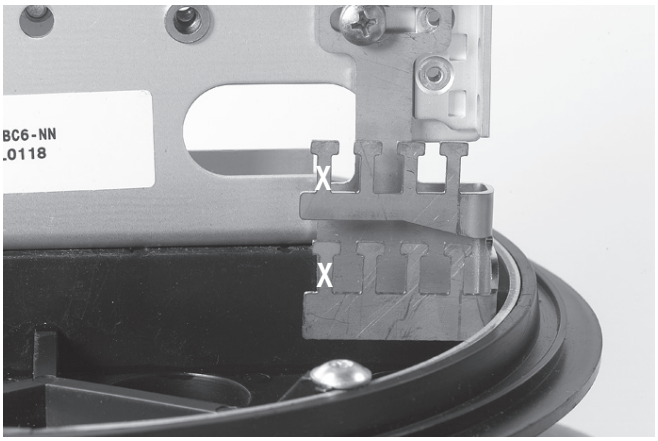
3.2.2 Feed the cable through the gel seal.

Cable guiding: Top view

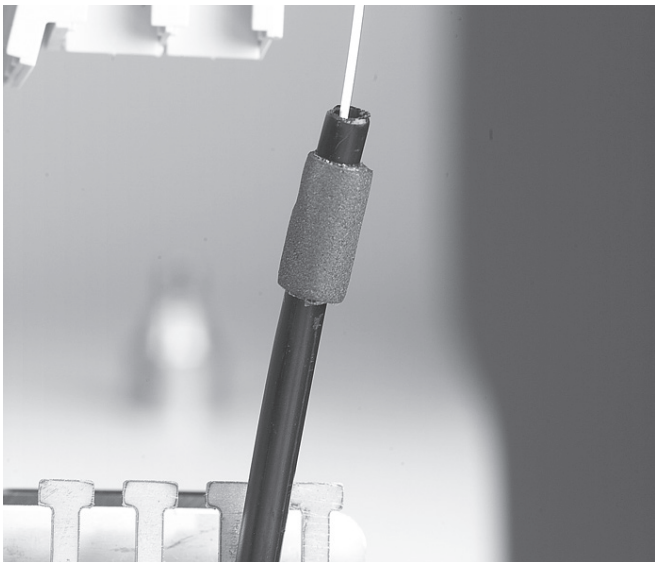


3.2.3 Guide the cables to the metal bracket as shown on the picture.
Cables 1 and 2 at the back of securing leg 1, cables 3 and 4 at the front.
Cables 5 and 6 at the back of securing leg 2, cables 7 and 8 at the front.

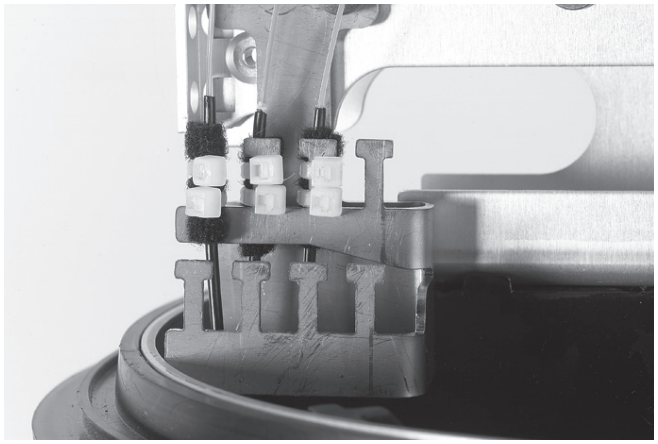




3.2.4 **Note**: when using port 7 and 8, do not use the marked positions on the metal bracket. In this case, use 1 T for 2 cables and make sure that the cables stay in line with the port of the gel seal.



3.2.5 Remove the necessary jacket length and apply some felt tape at 5 mm from the jacket end.

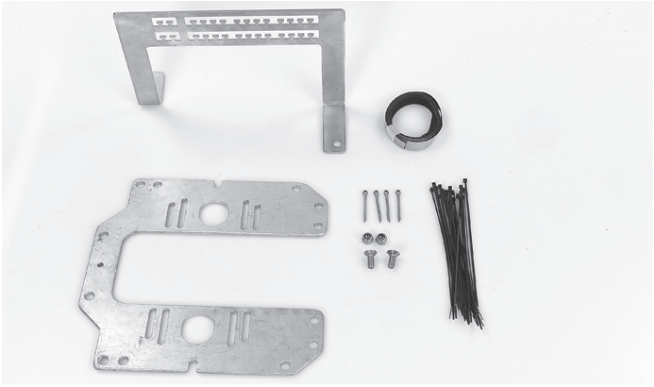


3.2.6 Pull back and secure the cable with 2 tie-wraps to the bracket. See 3.2.3 !! Route the loose tubes as per standard practice.

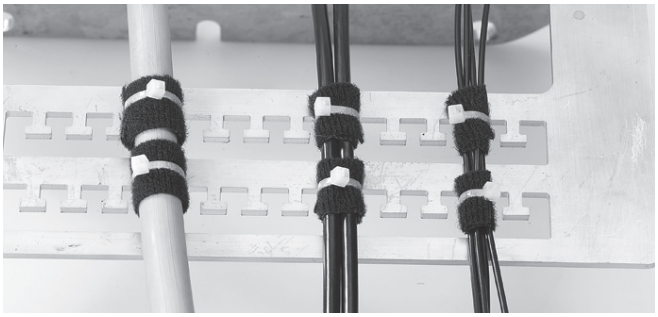
3.2.7 Unused holes need to be filled up with blanking plugs. Tighten the trigger till it butts up with the flange. The spring should be hidden after tightening.

3.2.8 To add a cable: release the trigger, remove a blanking plug and insert a new cable. Proceed as from 3.2.2.

A Optional: FIST-GCO2-BX6-EXT/CF GCO2-BX cable securing frame



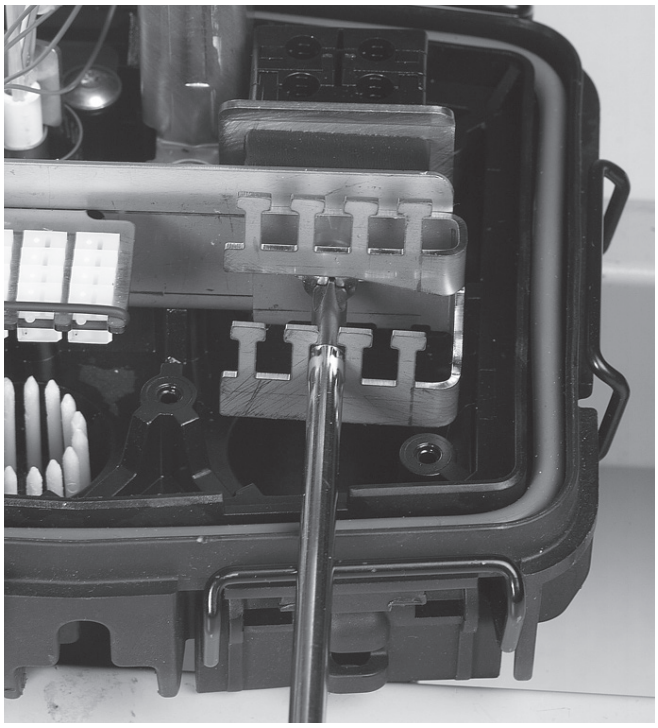
A1 A cable securing frame can be mounted onto the MOBRA (bolt and nut). This allows cables to be secured outside the closure.



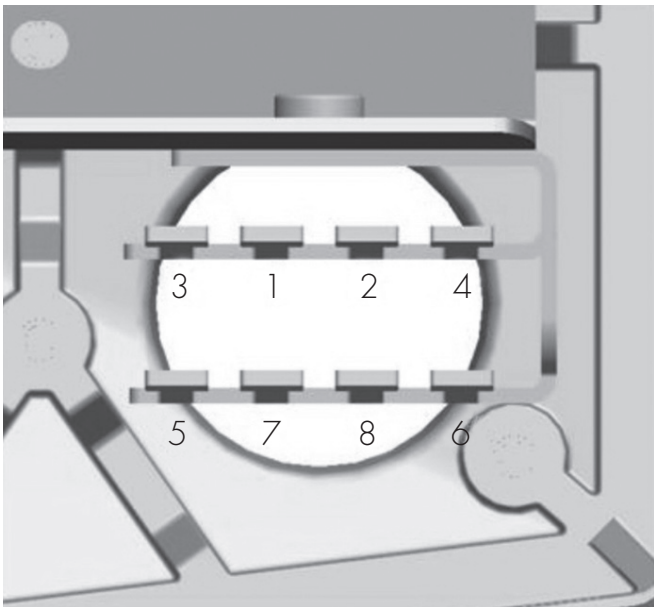
A2 Apply some foam to the cable(s) and fix with tie-wrap(s) to the frame.

3.3 Cable fixation in the FIST-GCO2-FX/BX8

Start with port 3 and 8.



3.3.1 Fix the metal bracket to the frame. Make sure it is positioned at the center of the port.



3.3.2 Guide the cables to the metal bracket in the order shown on the picture.

3.3.3 Feed the cable through the gel seal. See 3.2.2.

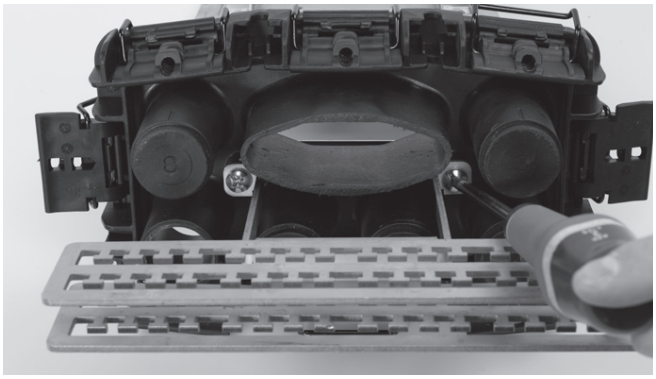
3.3.4 Remove the necessary jacket length and apply some felt tape at 5 mm from the jacket end. See 3.2.5.

3.3.5 Pull back and fix the cable with 2 tie-wraps to the bracket. See 3.3.2!! Route the loose tubes as per standard practice.

3.3.6 Unused holes need to be filled up with blanking plugs. Tighten the trigger till it butts up with the flange (locking system). The spring should be hidden after tightening. See 3.2.7.

3.3.7 To add a cable: release the trigger, remove a blanking plug and insert a new cable. Proceed as from 3.3.3.

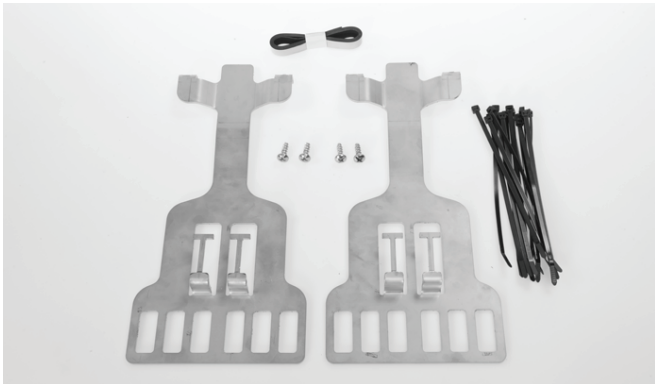
B Optional: FIST-GCO2-FX6-EXT/CF FIST-GCO2-FX cable securing frame.



B1 A cable securing frame can be mounted onto the base of the FIST-GCO2-FX with 2 screws. This allows cables to be secured outside the closure.

C Optional: FIST-GCO2-BX8

FIST-GCO2-BX8 cable securing frame



C1 A cable securing system can be mounted on to the base of the FIST-GCO2-BX8 with 4 screws. This allows cables to be secured outside the closure.

C2 Apply some foam to the cable(s) and secure with tie-wrap(s) to the frame.

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