COMMSCOPE®

FIST-RSKG-1

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

Contents

1 General

This kit is used to install 1 drop cable of 11 to 14 mm diameter 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
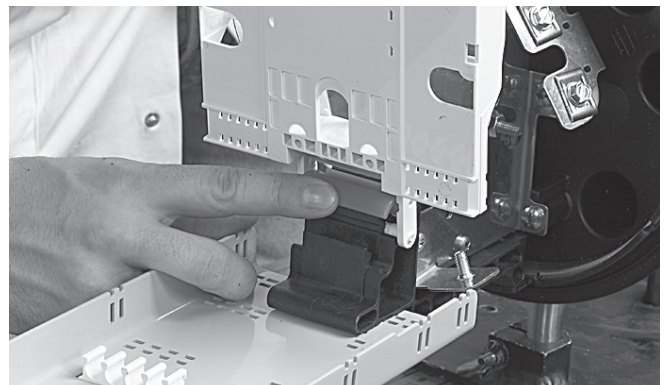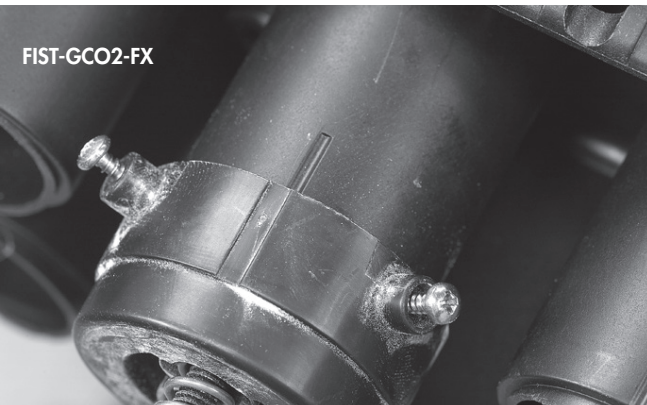
3.1 General

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

Overview of the available types of gel seals.

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

FIST-GCO2-BX

FIST-GCO2-FX

3.1.2   Open the port. The cutting wire can be used. Make sure that the edges are free of burrs. Install the seal in the port, 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 securing in the FIST-GCO2-BX6
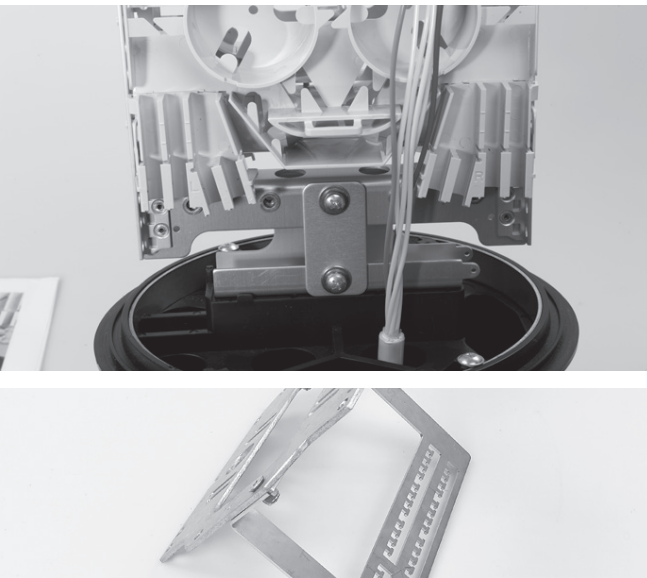
3.2.1   Prepare the cable as per standard practice. Cut the strength member at ± 50 mm from the cable jacket. Feed the cable through the gel seal (apply some tape at the end of the loose tubes to ensure easy feeding through the gel seal).
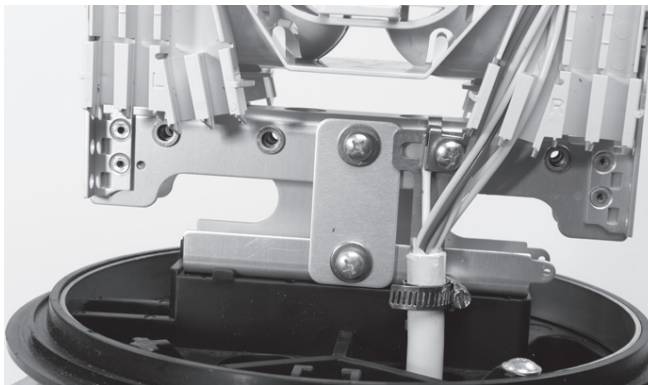

3.2.2. Secure the metal bracket together with the 2 metal plates to the frame. Make sure that it is positioned at the center of the port. Do not tighten the screw completely. Secure the cable jacket with the hose clamp at the T-shape. Secure the strength member between the 2 metal plates and tighten the screw. Route the loose tubes as per standard practice.

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

A   Optional: FIST-GCO2-BX6-EXT/CF GCO2-BX cable securing frame.
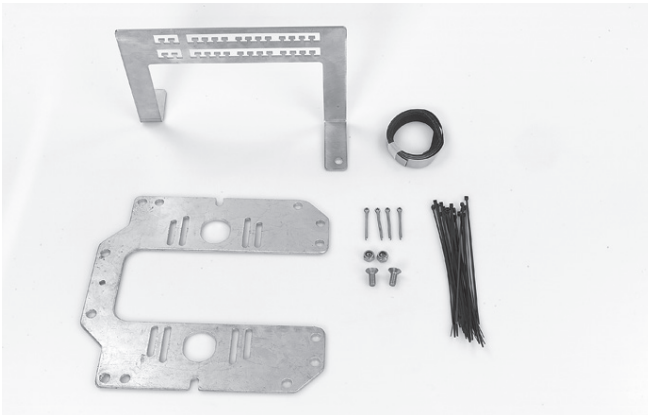
A1   A cable securing frame can be mounted onto the mobra (bolt and nut). This allows cables to be secured outside the closure.
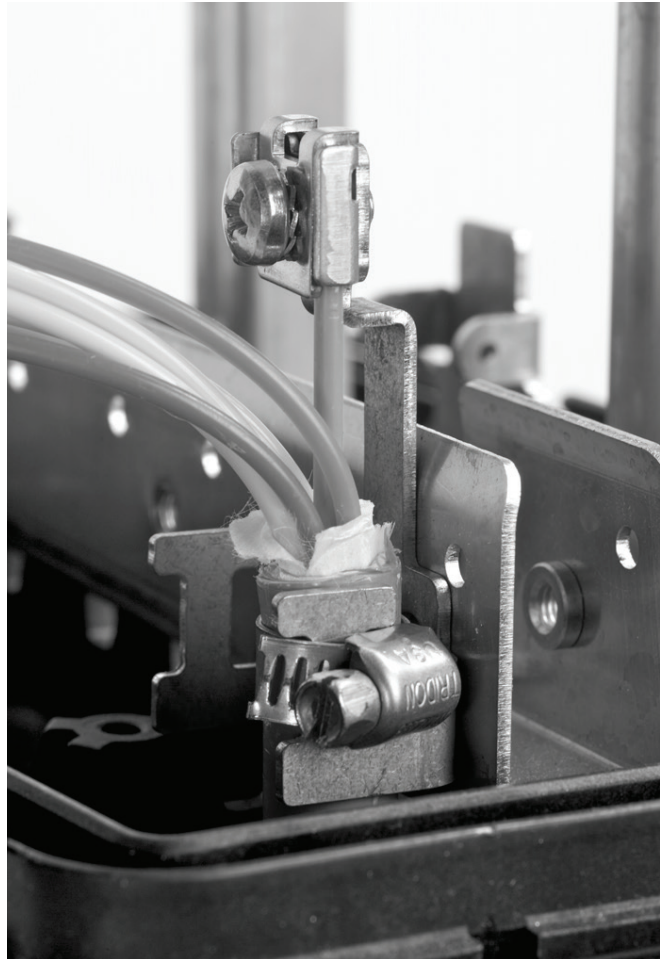

A2   Apply some foam to the cable(s) and secure with tie-wrap(s) to the frame.
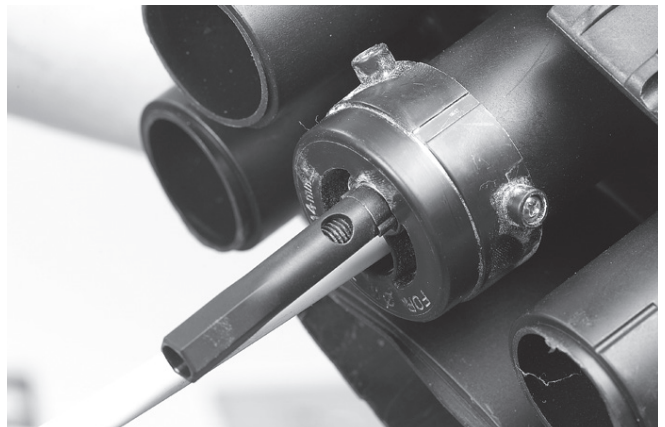
3.3   Cable securing in the FIST-GCO2-FX/BX8

Start with port 3 and 8.

3.3.1   Prepare the cable as per standard practice. Cut the strength member at ± 40 mm from the cable jacket. Feed the cable through the gel seal. (Apply some tape at the end of the loose tubes to ensure easy feeding through the gel seal).


3.3.2 Secure the metal bracket to the frame (bottom hole) with the screw (M5). Secure the cable jacket with the hose clamp at the T-shape. If needed use some tape or foam to build up the diameter. Secure the strength member between the metal plate and bracket and tighten the screw. Route the loose tubes as per standard practice.

3.2.3   Tighten the trigger till it butts up with the flange. The spring should be hidden after tightening.
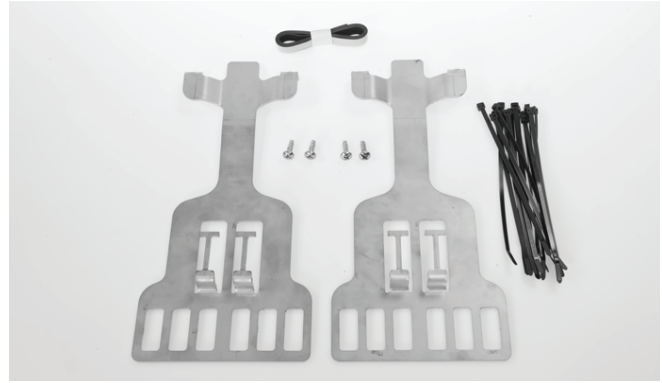
B   Optional: FIST-GCO2-FX-EXT/CF
FIST-GCO2-FX cable securing frame
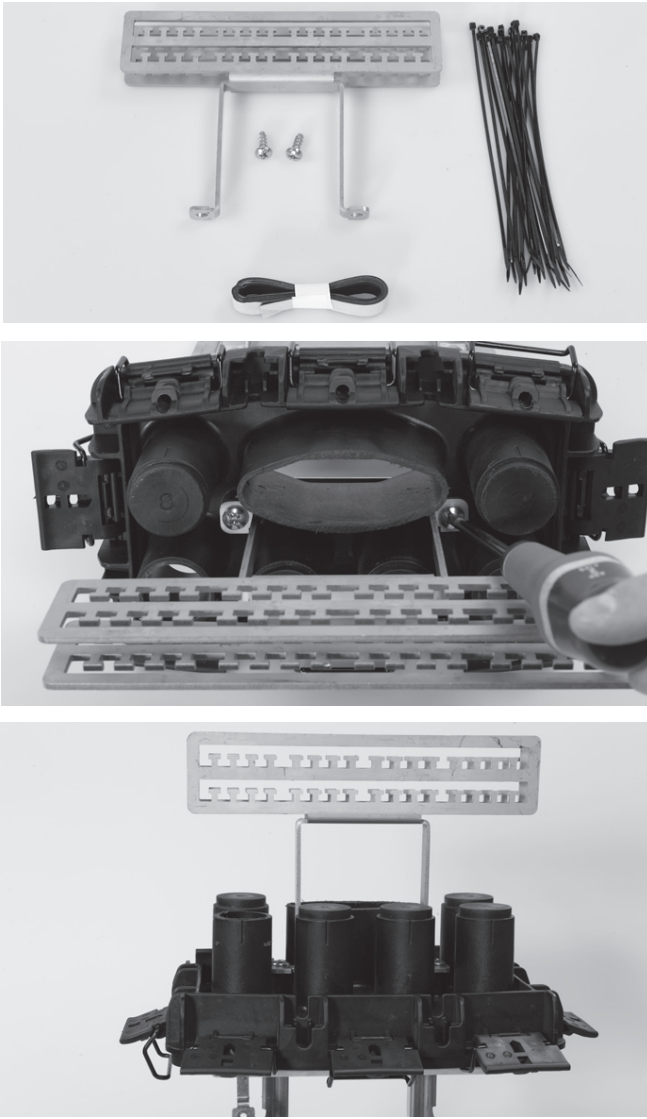
B1   A cable securing frame can be mounted onto the base of the FIST-GCO2-FX with 2 delivered screws. This allows cables to be secured outside the closure. The marks '4' and '7' must be nearest to the corresponding ports.

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.