COMMSCOPE®

FIST-RSKG-16

INSTALLATION INSTRUCTION

TC-910-IP
Rev A, Feb 2017
www.commscope.com

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

Content

1 General

2 Kit contents

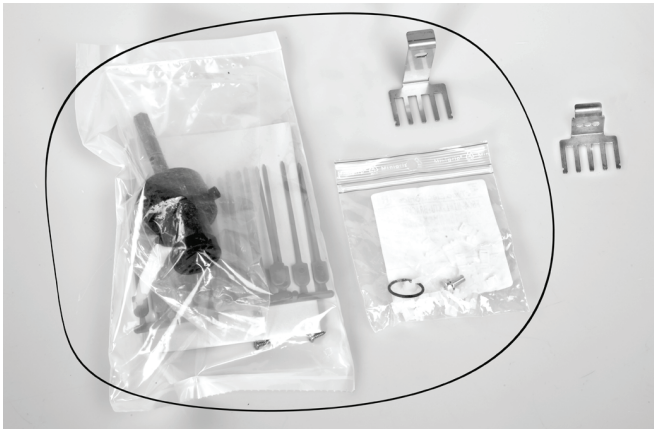
3 Installation

3.1 GENERAL
3.2 FIST-GCO2-BX
3.3 FIST-GCO2-FX

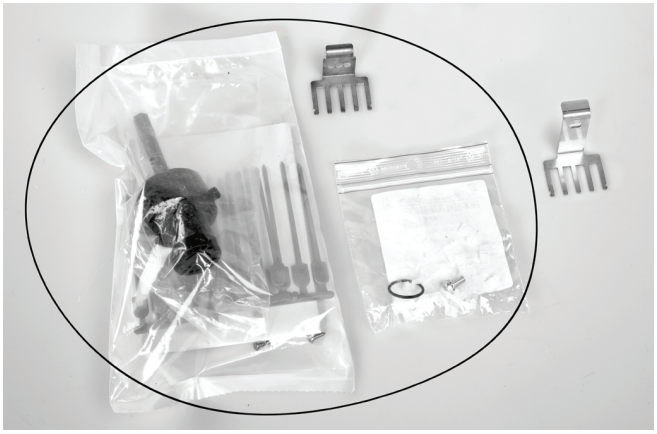
1 General product information

This kit is used to install up to 16 drop cables of max. 3 mm in one new unused round port of a FIST-GCO2-BX and FX.

2 Kit content



Kit content FIST-GCO2-BX6



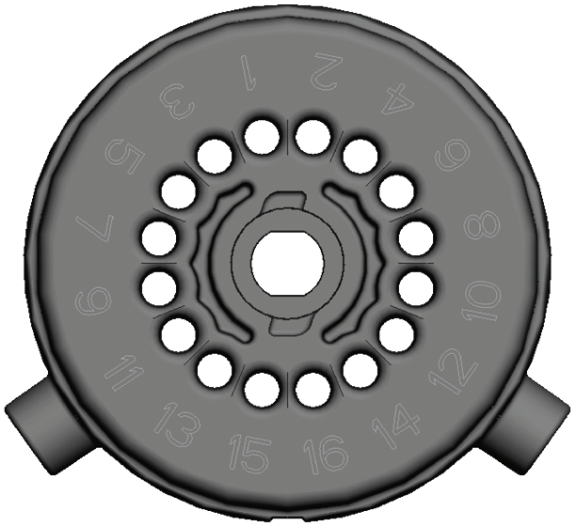
Kit content FIST-GCO2-FX/BX8

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

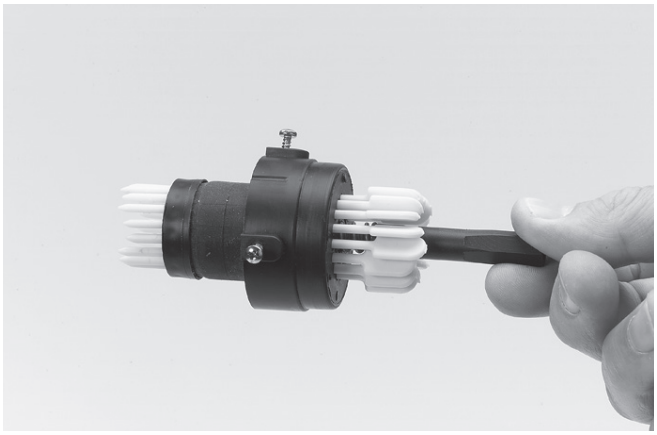
3.1 General

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

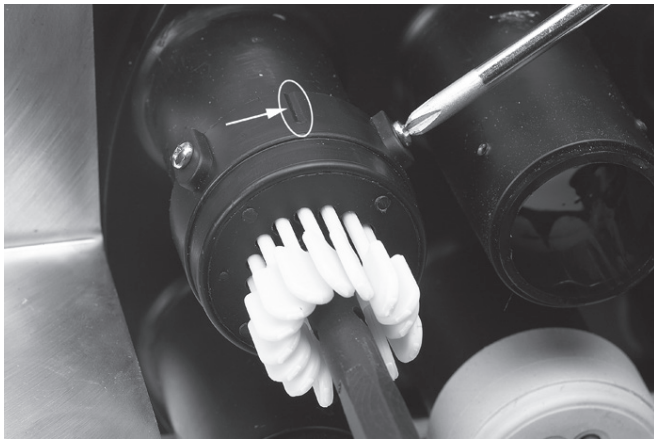


3.1.1 First cable must be installed in the position number 1. And the next must follow the numbering around the gel seal.

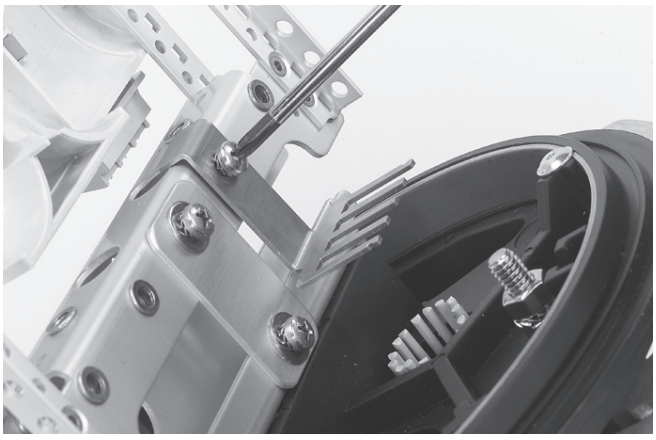
3.2 FIST-GCO2-BX6



3.2.1 Before installing the gel seal in the port, install the 2 fixation screws and all blind plugs.

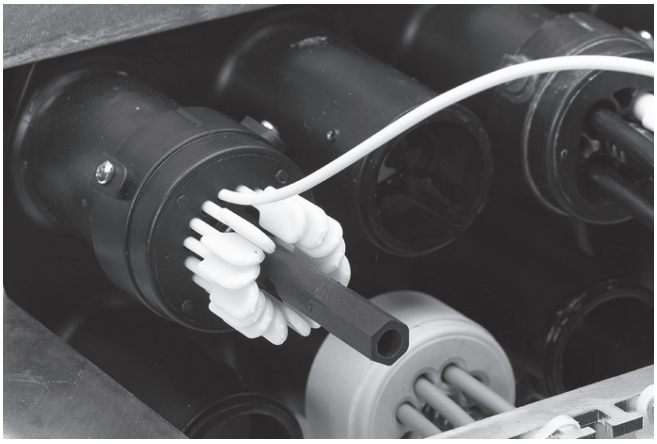


3.2.2 Open the port. The cutting wire can be used. Make sure edges are free of burrs. Install the seal in the port, marking line always facing forward. Tighten the 2 screws. Make sure the screws grip in the port.

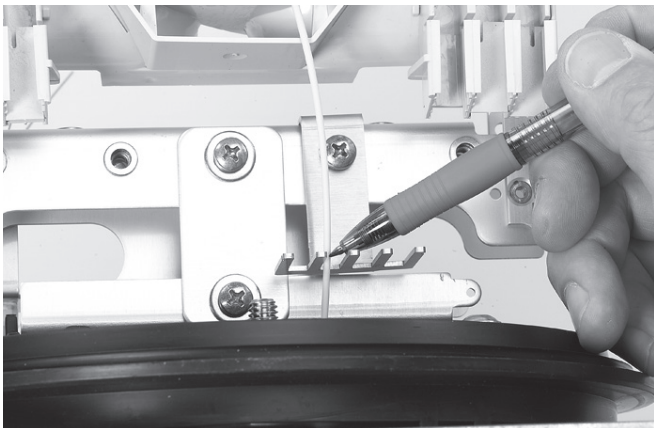


3.2.3 Install the metal bracket at the corresponding port. Fix with screw.

Note: in order to have a good cable management, make sure all cables have the same length !

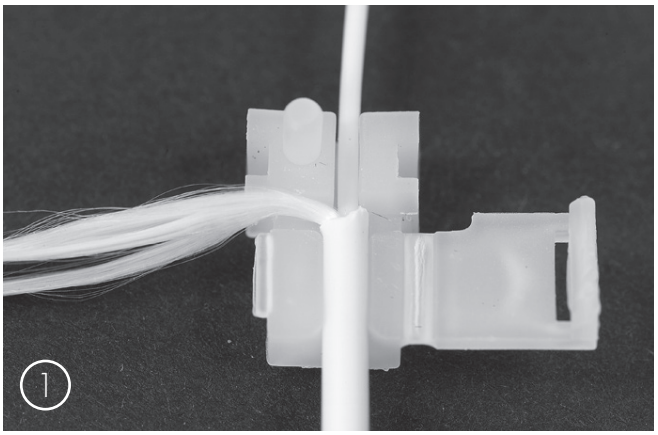


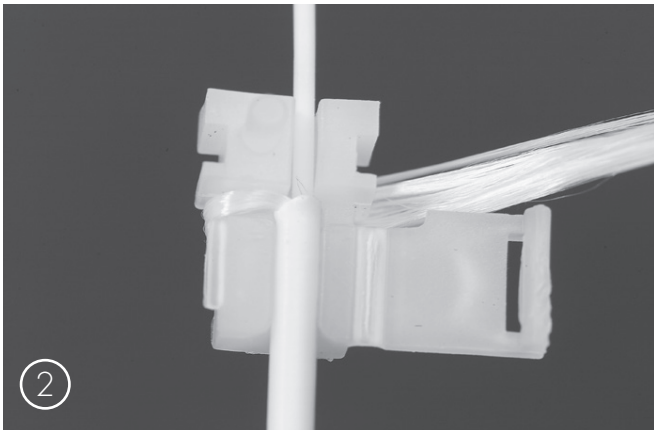
3.2.4 Feed the drop cable through the port. Respect cable lengths.

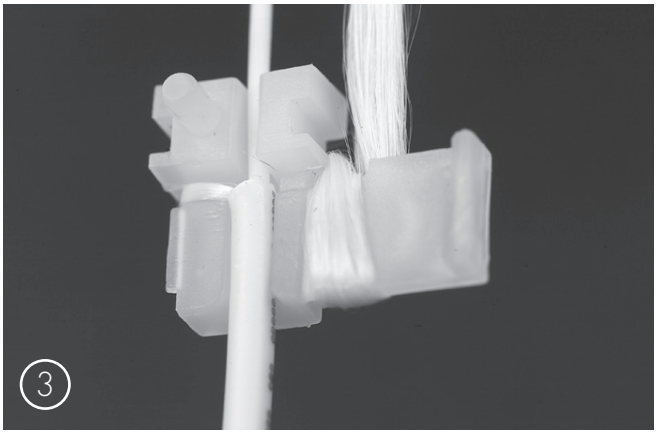


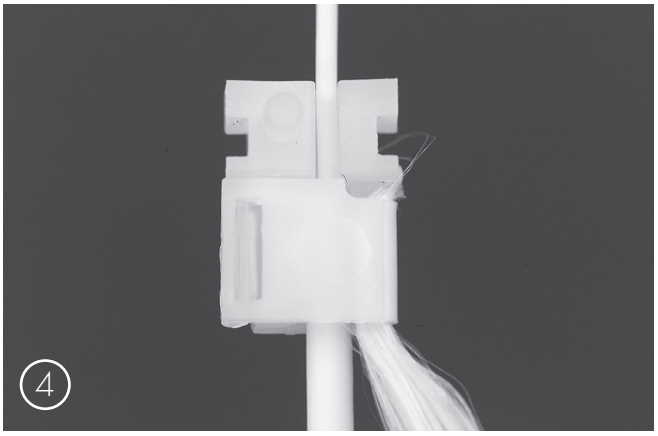
3.2.5 Mark the drop cable just below the metal bracket and pull a bit further. Remove the outer cable jacket (2.2m) and install mini termination unit as shown.

Note: maximum cable diameter to be used in mini termination unit is 2.1 mm.



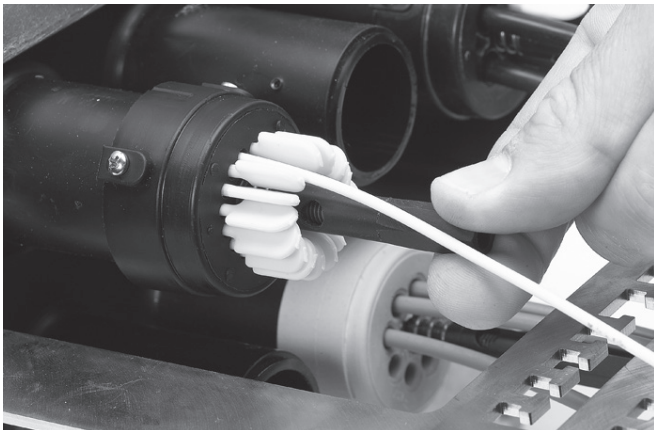




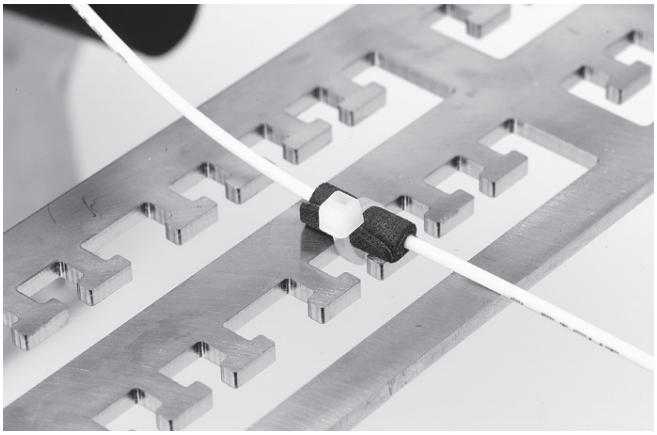


3.2.6 Place the cable in the groove and route the aramid strength member through the left groove (1) and lead behind the back (2) over the hinging part (3) to the front. Wrap 1 x over the hinging part (3) and bring back to the front. Keep the aramid strength member under tension and close the hinging part (4). Apply some tension to the aramid strength member without pulling at the cable ! Cut away the remaining strands.

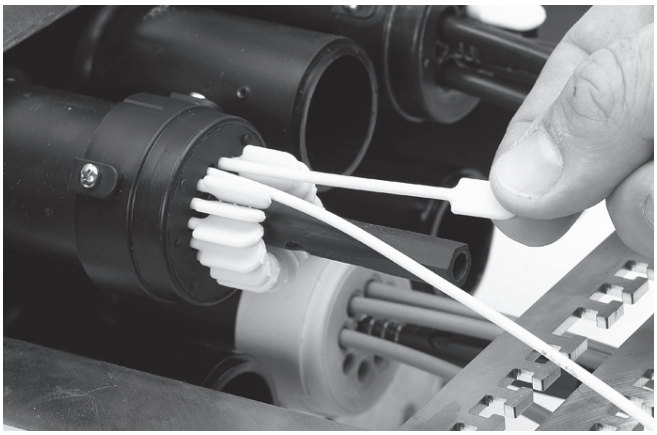
3.2.7 Pull back the cable and install the mini termination unit in the holder. Secure with the O-ring.

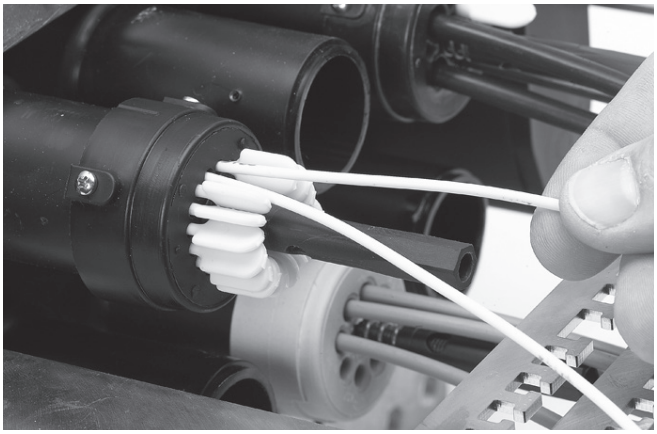


3.2.8 Tighten the trigger till it buts up with the flange (locking system).



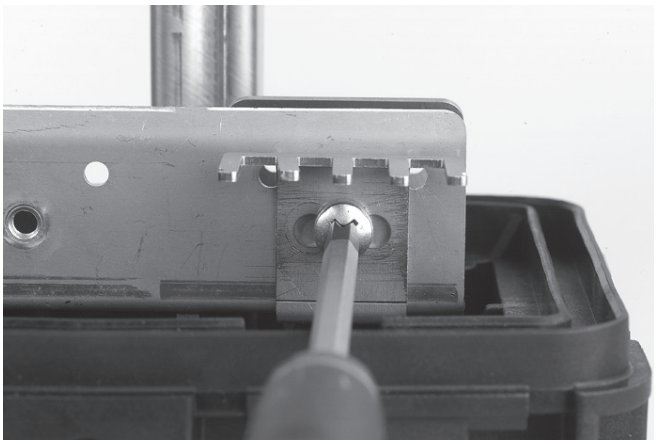
3.2.9 **Optional**: apply some foam to the cable and secure with tie-wrap to the frame.





3.2.10 To add a cable, release the trigger, remove the blind plug and insert the new cable. Proceed as from 3.4.

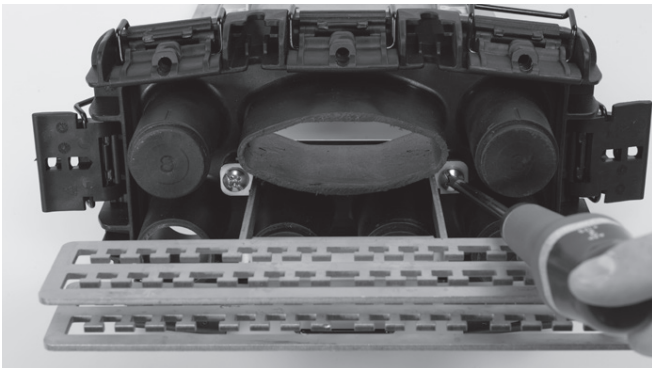
3.3 FIST-GCO2-FX/BX8

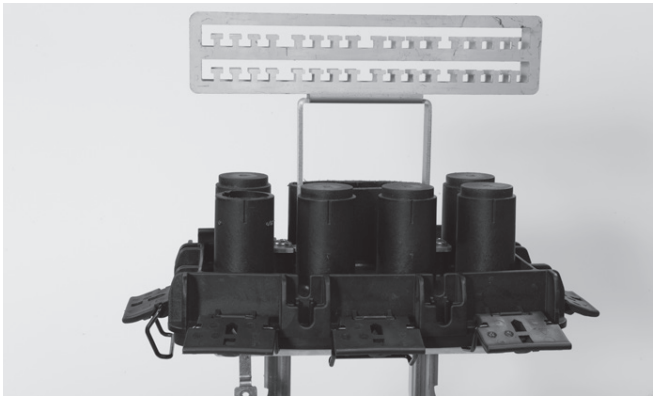


3.3.1 Install the bracket at the corresponding part. Fix with screw.

3.3.2 Make sure that the bracket is in the center of the port. Always start with ports 3 and 8. Proceed starting again from 3.4 til 3.8.

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

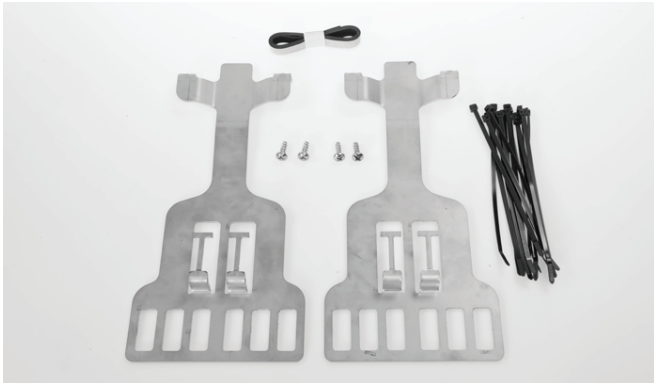




B1 A cable securing frame can be mounted onto the base of the FIST-GCO2-FX with 2 delivered screws. This allows cables to be secured outside the closure. The marks '4' and '7' must be nearest to the corresponding ports.

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.

To find out more about CommScope® products, visit us on the web at www.commscope.com

For technical assistance, customer service, or to report any missing/damaged parts, visit us at:
http://www.commscope.com/SupportCenter

© 2017 CommScope, Inc. All rights reserved.

FIST and all trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of CommScope, Inc.

This document is for planning purposes only and is not intended to modify or supplement any specifications or warranties relating to CommScope products or services.

This product is covered by one ore more U.S. patents or their foreign equivalents. For patents, see:
www.commscope.com/ProductPatent/ProductPatent.aspx.