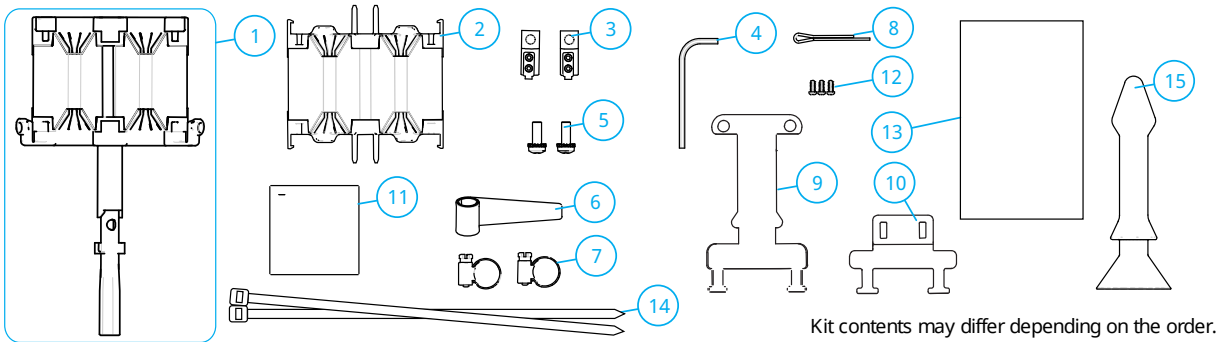


FIST-OSKG

1 About this manual

This kit is used to install a looped cable of 5-18 mm in a new unused oval port of the FIST-GCO2-BX6 and BX8 and the FIST-GC02-FX.

2 Kit contents

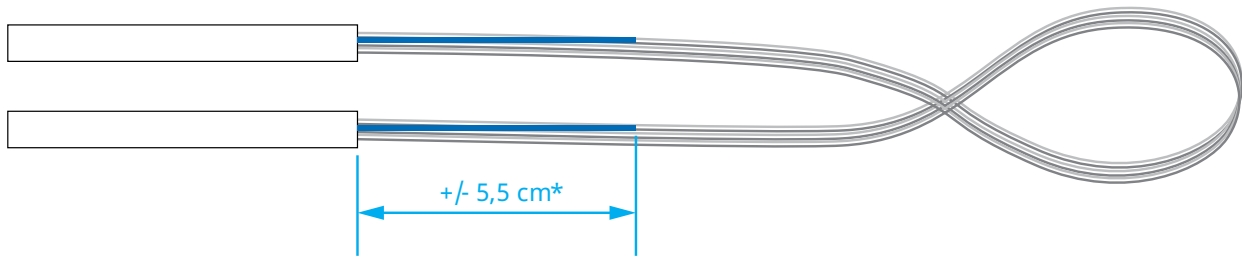


N°	Part description	Qty FX	Qty BX6	Qty BX8	N°	Part description	Qty FX	Qty BX6	Qty BX8
1	FIST GCO2 OSKG base part	1	1	1	9	Cable term GC02-FX loop bracket	1	-	1
2	FIST GCO2 OSKG top part	1	1	1	10	Cable term GC02-BX6 loop bracket	-	1	-
3	Strength member connector	2	2	2	11	Lubrication oil	1	1	1
4	Allen key	1	1	1	12	Securing screws	3	3	3
5	Bolt with star washer M5	2	2	2	13	Loop storage sleeve	-	1	1
6	Tape	1	1	1	14	Cable ties	2	2	2
7	Hose clamp	2	2	2	15	Blind plug	1	1	1
8	Split pin	1	1	1					

3 Cable diameter range gel seals

Number of ports	Cable diameter range (mm)	Number of ports	Cable diameter range (mm)
1	11 - 14	8	3 - 5
2	8 - 11	16	0 - 2.4 (up to 3 depending on the kit contents)
3	6.5 - 8	FOSC OSKG	6 - 15
4	4 - 7	FIST OSKG	5 - 18
4 FLAT	8 x 4,5 - 11 x 6,5	FIST OSKG 20	16 - 20

4 Prepare the cable and the oval port



- 1 Prepare the cable per standard practice, length depending on the closure type and size wherein the OSKG will be used.

 **Note:** For the BX6 and the BX8, when uncut fibers will be stored, the window cut needs to be extended with 500 mm.

- 2 Cut the rigid strength member to a length of 5,5 cm.

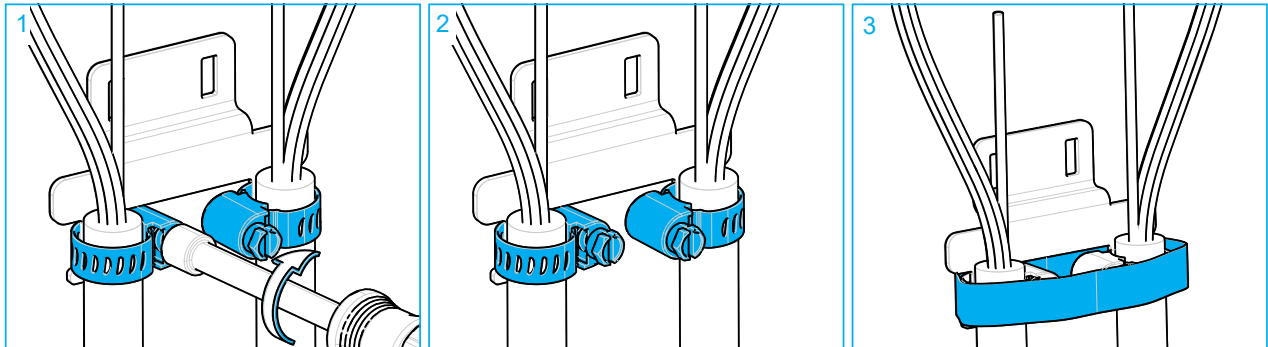
 **Note:** For the BX6, best practice is to keep the rigid strength members longer and to cut to length when installing the strength member connectors.

- 3 Open the oval port; the cutting wire can be used. Make sure edges are free of burrs.

5 Install OSKG in a BX6

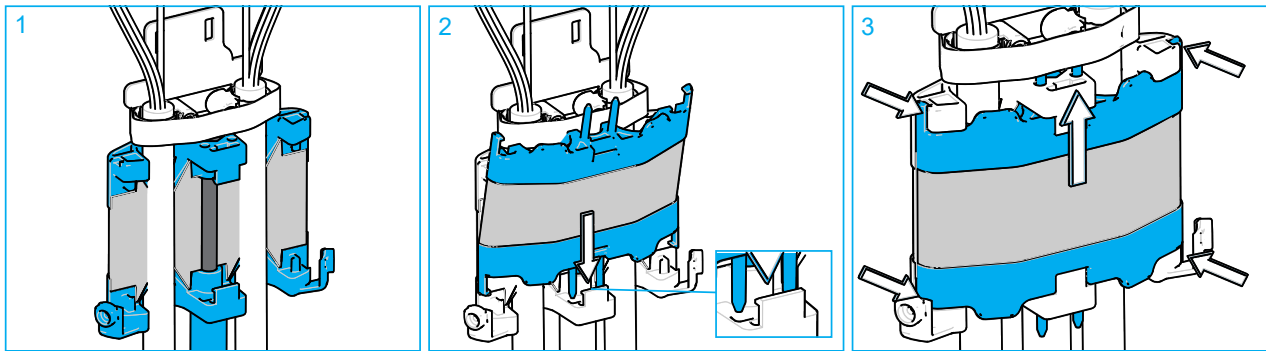
5.1 Install cable on the bracket

 **Note:** For cables smaller than 8 mm, use cable ties.



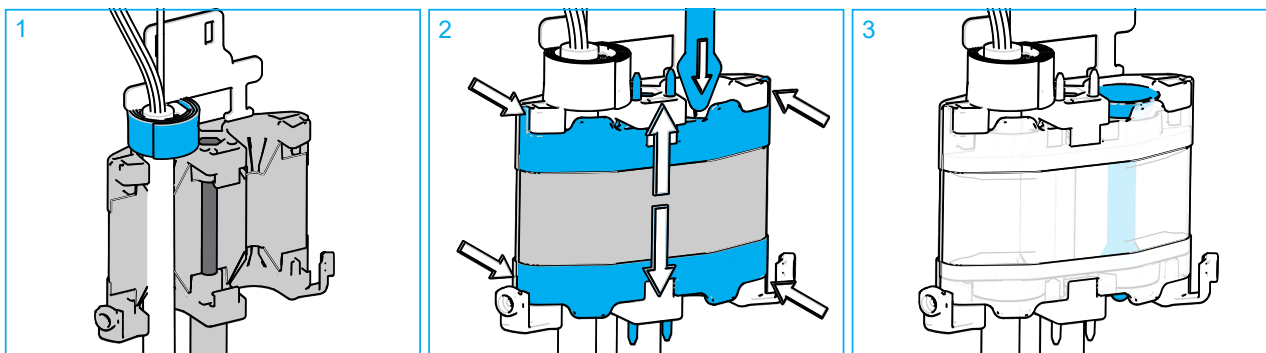
- 1 Install the cables on top of the metal bracket as shown, hose clamps at the end of the cable jacket. Heads of the hose clamp positioned between the cables.
- 2 Cables installed on the bracket.
- 3 Apply some tape over the hose clamps.

5.2 Install OSKG around a looped feeder cable



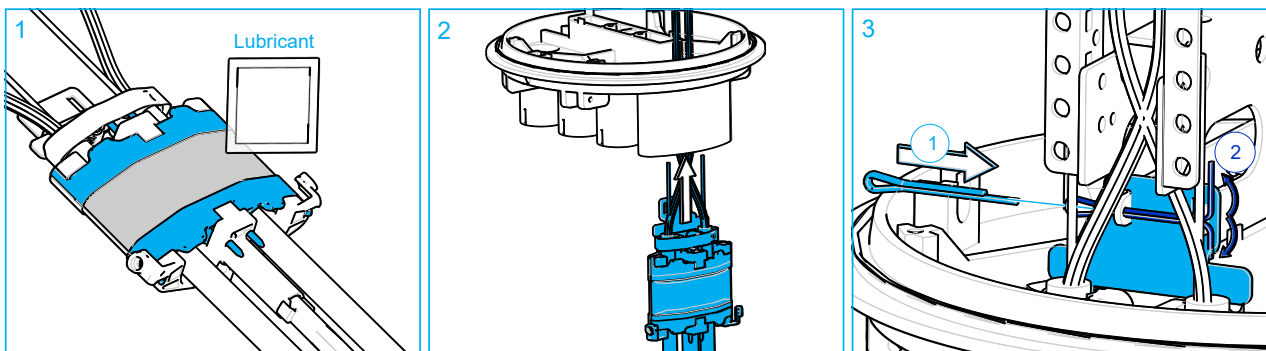
- 1 Take the first gel-part (with trigger) and put the 2 cables in place, if needed lubricate the cables.
- 2 Take the second part and insert the pins in the corresponding holes at top and bottom.
- 3 Secure the second gel-part in the first gel-part by gripping the hooks of part 2 in part 1 (2 at top and 2 at bottom).

5.3 Install OSKG around a single feeder cable

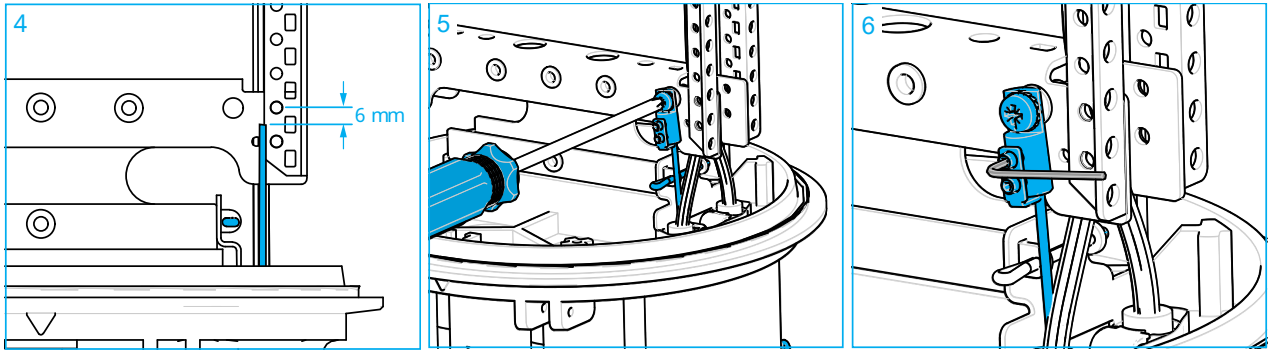


- 1 Install the metal bracket on the single cable as shown. Apply tape around the hose clamp. Take the first gel part (with trigger) and position it around the single cable as shown.
- 2 Install the second gel part by inserting the pins and hooks in the corresponding holes at top and bottom.
- 3 Slide the blind plug in the empty port top down.

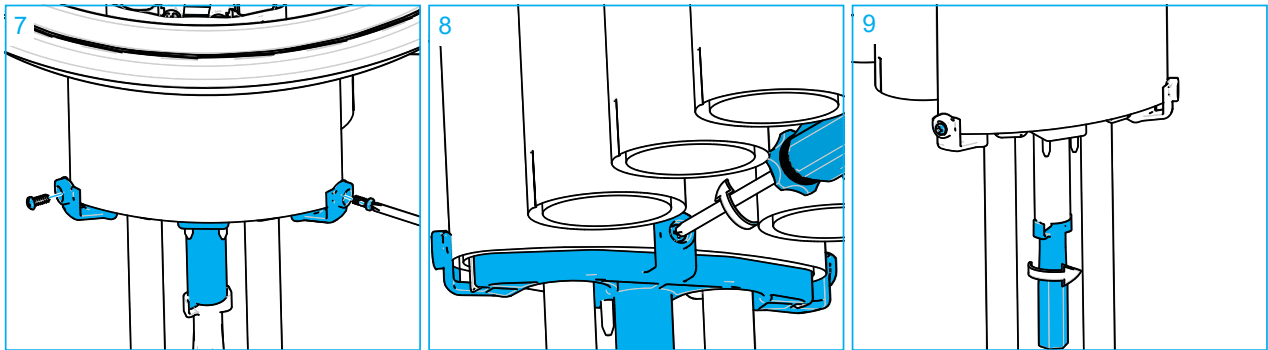
5.4 Install OSKG in the oval port of a BX6



- 1 When needed apply some lubricant to the gel for ease of inserting.
- 2 Insert the assembly as shown, **metal bracket at the back of the cables.**
- 3 Install the metal bracket to the frame and secure it with the split pin, bend the legs of the split pin to lock the bracket.

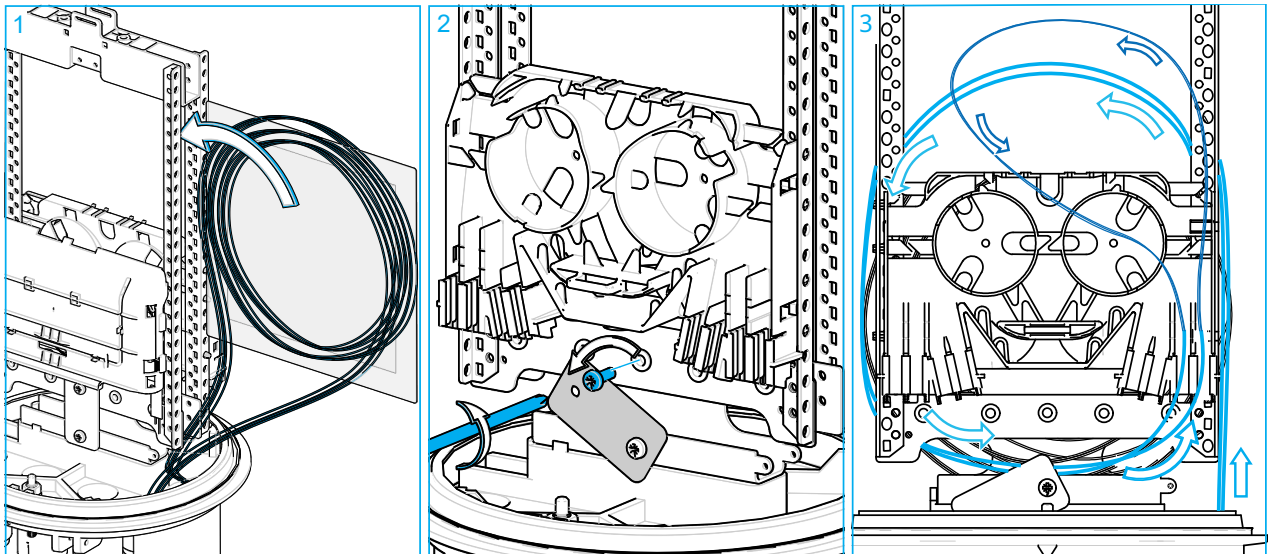


- 4 Check the length of the strength member: it should be 6 mm under the center of the second hole of the UMS profile.
- 5 Install the strength member connectors on the strength member ends and secure the connector to the frame.
- 6 Secure the strength member by tightening the Allen screws with the Allen key.



- 7 Tighten the 3 screws, make sure they grip in the port.
- 8 Keep turning until the flange touch the port. The screw will grasp through the port in the flange inside the port again.
- 9 Tighten the trigger till it butts up with the flange.

5.5 Route tubes in a BX6

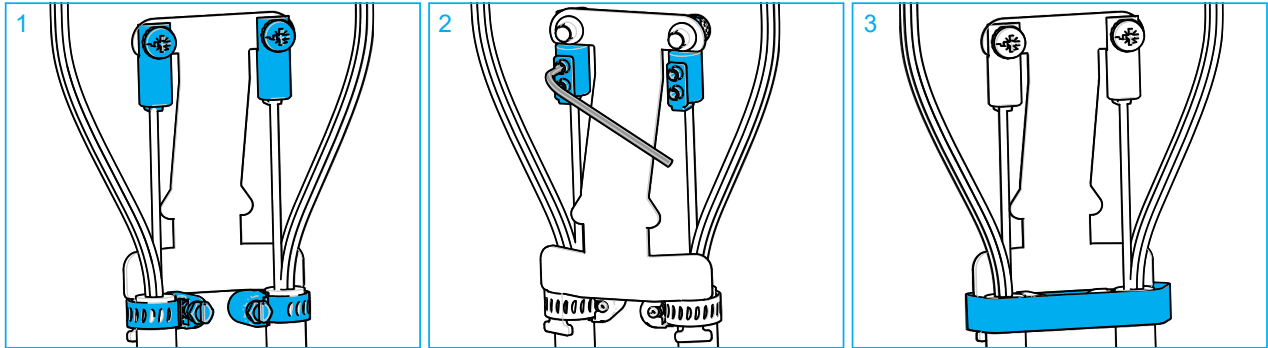


- 1 Uncut or unshaved tubes shall be treated per standard practice (store in plastic bag between UMS profiles).
- 2 Tubes that will be shaved shall be routed between the UMS profiles (making a circle) and then routed via the bottom frame (release metal fixation plate) to the tube holder. Both sides can be reached.
- 3 Shave between the 2 marks with the appropriate tooling. Add some PTFE tape to the end of the loose tube and fibers! Proceed per standard practice.

6 Install OSKG in a BX8

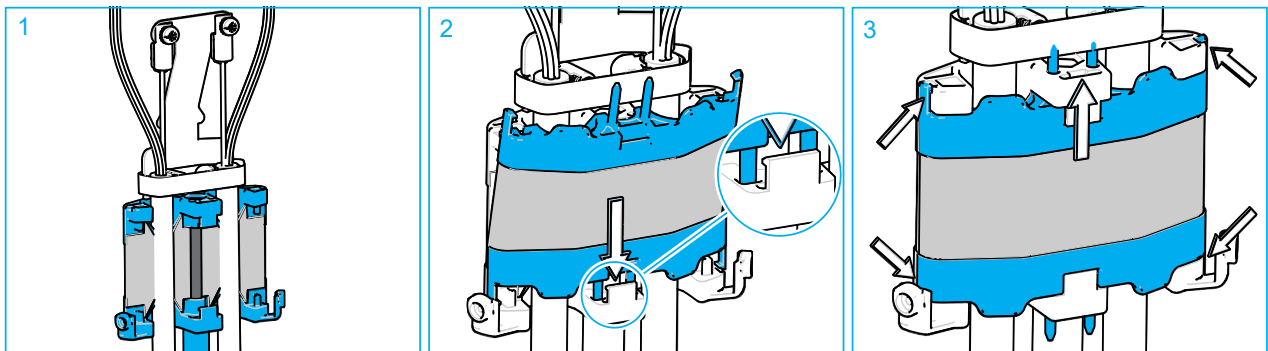
6.1 Install cable on the bracket

 **Note:** For cables smaller than 8 mm, use cable ties.



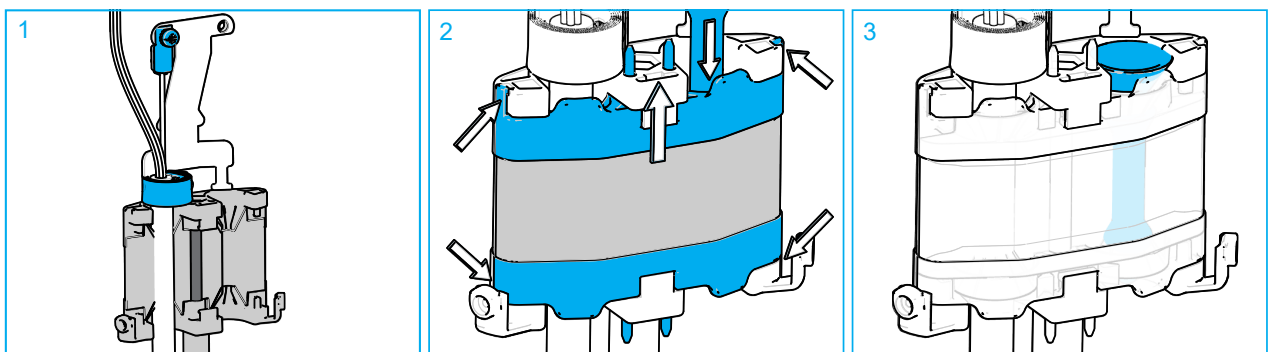
- 1 Secure the strength member connectors on the bracket as shown and slide the strength member in the connector. Position the cables on top of the metal bracket as shown, secure the hose clamps at the end of the cable jacket. Heads of the hose clamp positioned between the cables.
- 2 Secure the strength member by tightening the Allen screws with the Allen key.
- 3 Apply some tape over the hose clamps.

6.2 Install OSKG around a looped feeder cable



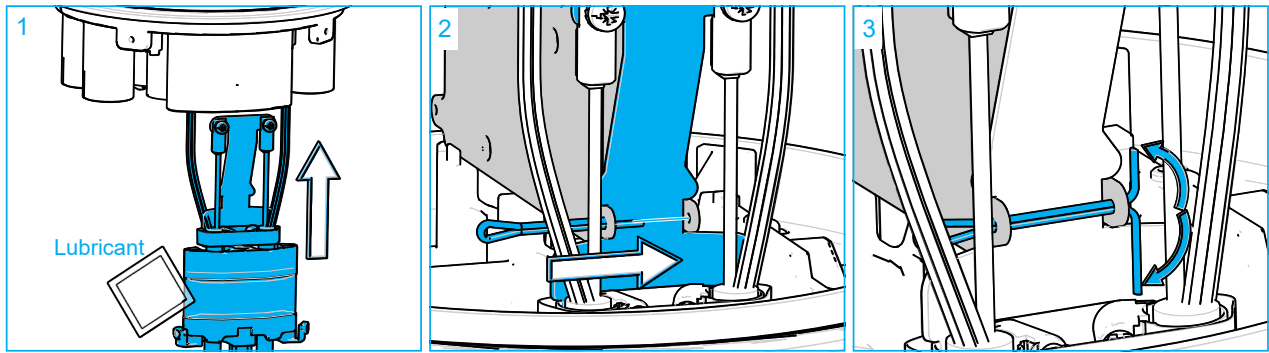
- 1 Take the first gel-part (with trigger) and put the 2 cables in place, if needed lubricate the cables.
- 2 Take the second part and insert the pins in the corresponding holes at top and bottom.
- 3 Secure the second gel-part in the first gel-part by gripping the hooks of part 2 in part 1 (2 at top and 2 at bottom).

6.3 Install OSKG around a single feeder cable

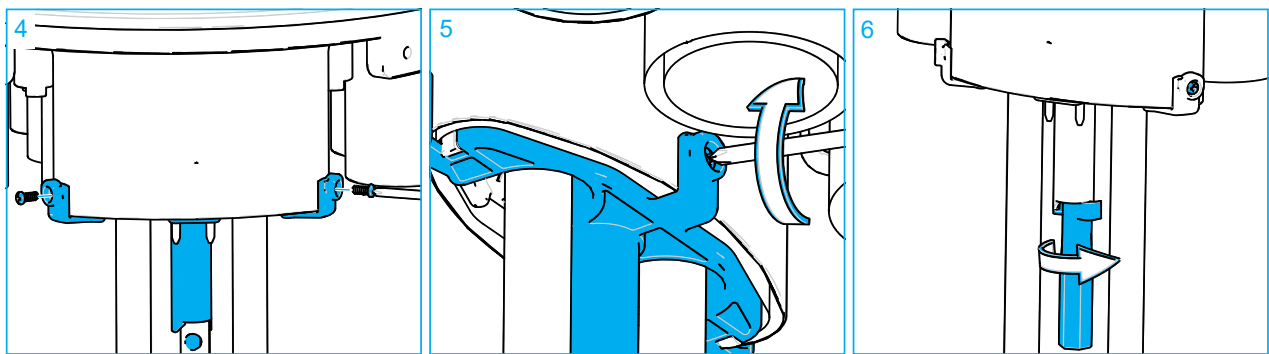


- 1 Install the metal bracket on the single cable as shown. Apply tape around the hose clamp. Take the first gel part (with trigger) and position it around the single cable as shown.
- 2 Install the second gel part by inserting the pins and hooks in the corresponding holes at top and bottom.
- 3 Slide the blind plug in the empty port top down.

6.4 Install OSKG in the oval port of a BX8

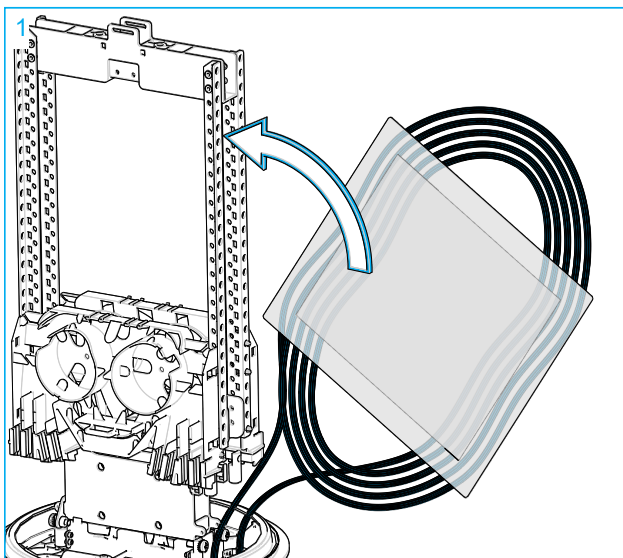


- 1 Insert the assembly as shown, **metal bracket at the back of the cables**. When needed apply some lubricant to the gel for ease of inserting.
- 2 Install the metal bracket to the frame and secure with split pin.
- 3 Bend the legs of the split pin to lock the bracket.



- 4 Tighten the 3 screws, make sure they grip in the port.
- 5 Keep turning until the flange touch the port. The screw will grasp through the port in the flange inside the port again.
- 6 Tighten the trigger till it butts up with the flange.

6.5 Route tubes in a BX8

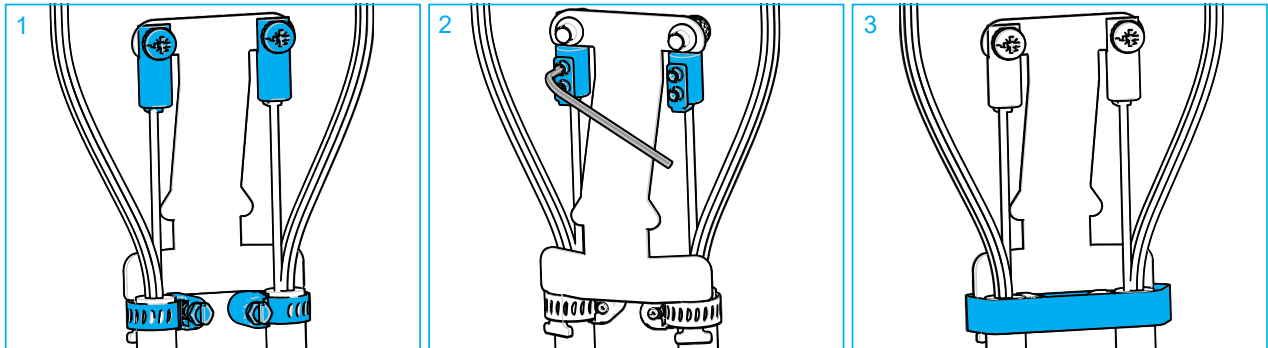


- 1 Uncut or unshaved tubes shall be treated per standard practice (store in plastic bag between UMS profiles).

7 Install OSKG in a FX

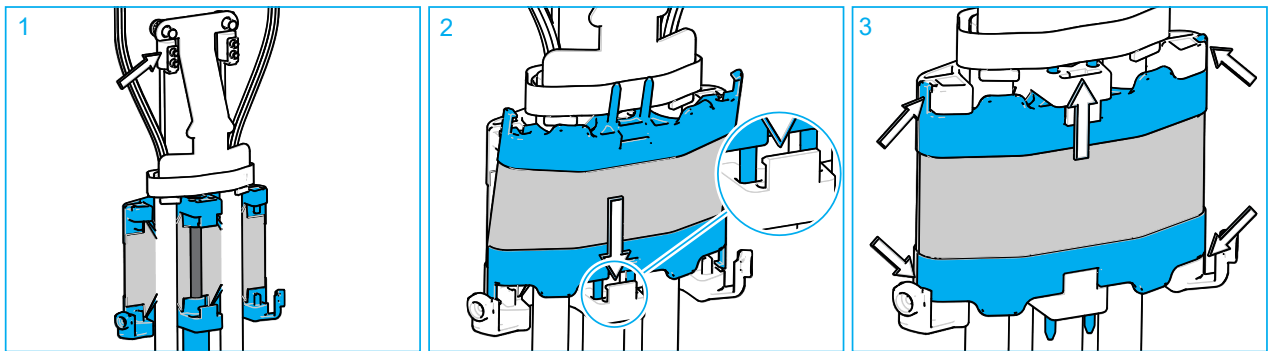
7.1 Install cable on the bracket

 **Note:** For cables smaller than 8 mm, use cable ties.



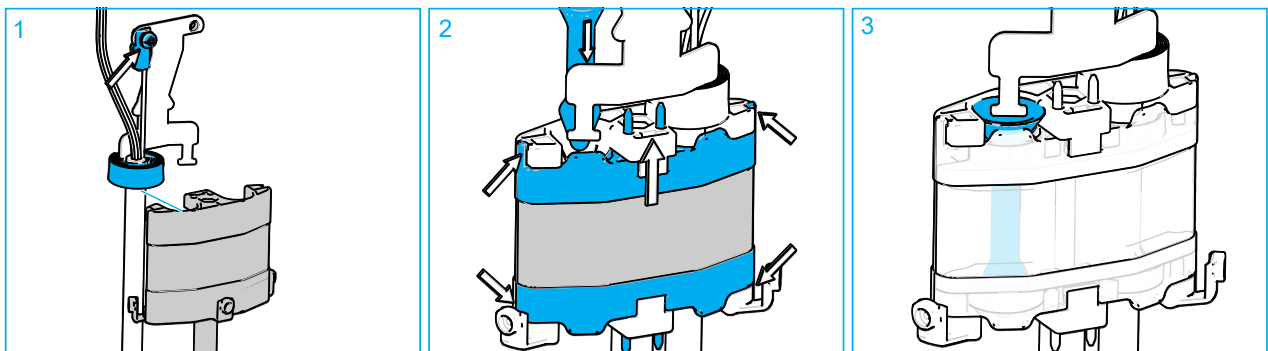
- 1 Secure the strength member connectors on the bracket as shown and slide the strength member in the connector. Position the cables on top of the metal bracket as shown, secure the hose clamps at the end of the cable jacket. Heads of the hose clamp positioned between the cables.
- 2 Secure the strength member by tightening the Allen screws with the Allen key.
- 3 Apply some tape over the hose clamps.

7.2 Install OSKG around a looped feeder cable



- 1 Take the first gel-part (with trigger) and put the 2 cables in place, if needed lubricate the cables.
-  **Note:** Make sure the bracket with the strength member connectors attached, is correctly orientated as shown.
- 2 Take the second part and insert the pins in the corresponding holes at top and bottom.
 - 3 Secure the second gel-part in the first gel-part by gripping the hooks of part 2 in part 1 (2 at top and 2 at bottom).

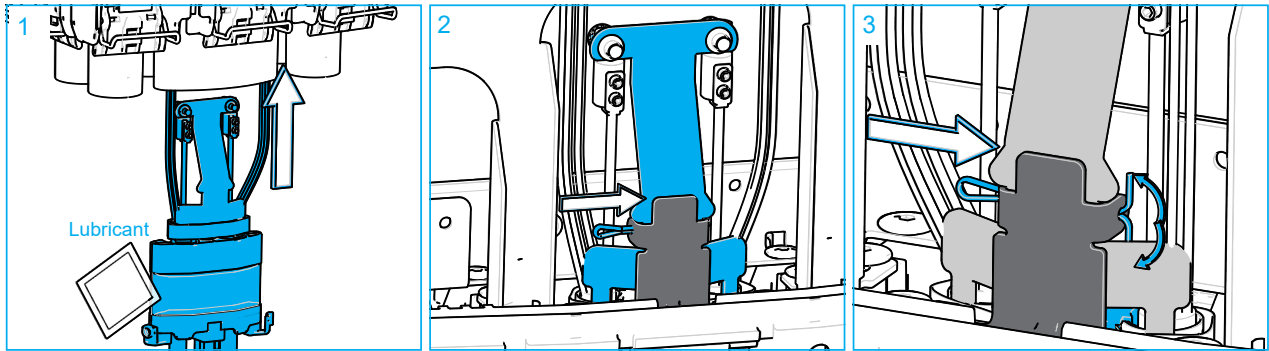
7.3 Install OSKG around a single feeder cable



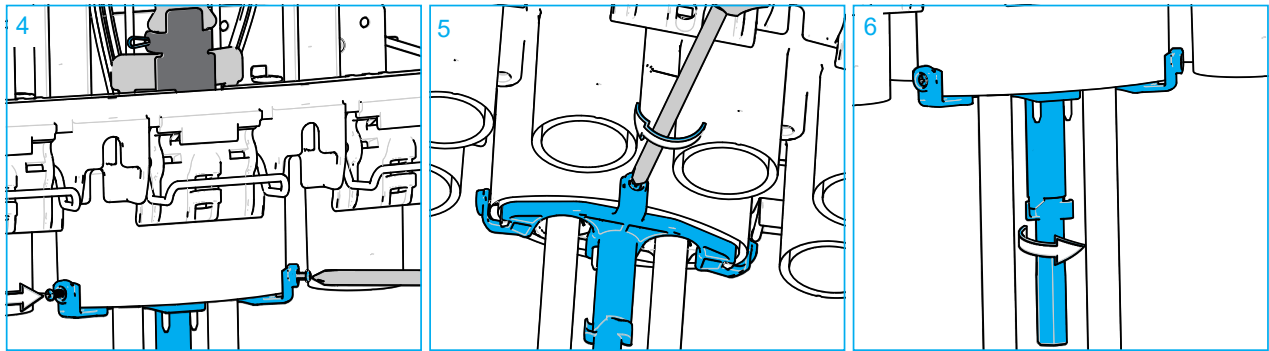
- 1 Install the metal bracket on the single cable as shown. Apply tape around the hose clamp. Take the first gel part (with trigger) and position it around the single cable as shown.

-  **Note:** Make sure the bracket with the strength member connector attached, is correctly orientated.
- 2 Install the second gel part by inserting the pins and hooks in the corresponding holes at top and bottom.
 - 3 Slide the blind plug in the empty port top down.

7.4 Install OSKG in the oval port of a FX

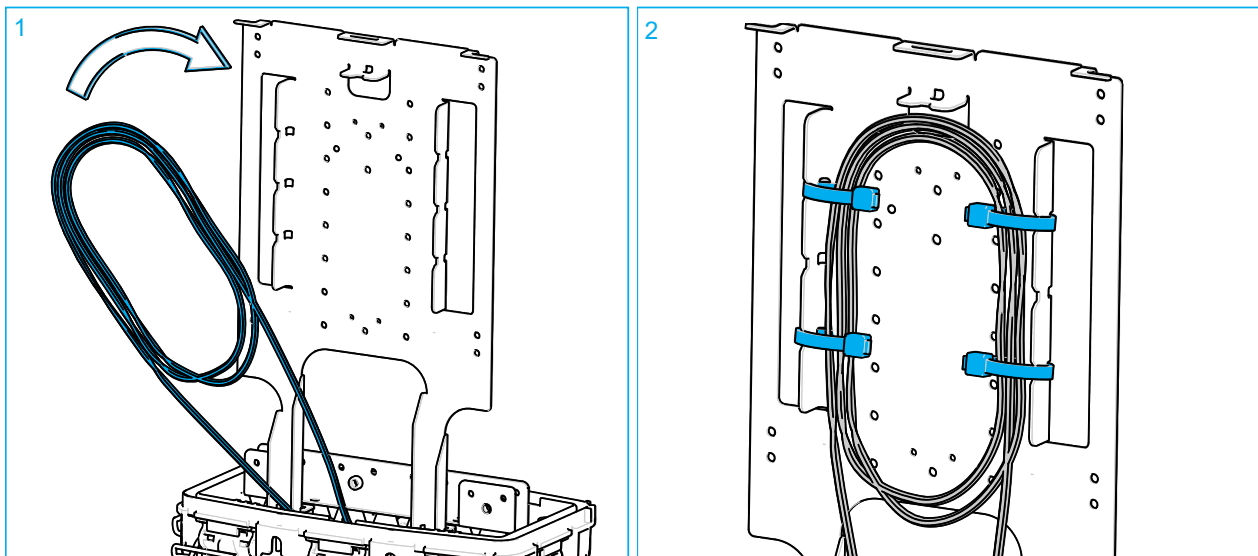


- 1 Insert the assembly as shown, metal bracket at the front of the cables. When needed apply some lubricant to the gel for ease of inserting.
- 2 Install the metal bracket to the frame and secure with the split pin.
- 3 Bend the legs of the split pin to lock the bracket.



- 4 Tighten the 3 screws, make sure they grip in the port.
- 5 Keep turning until the flange touch the port. The screw will grasp through the port in the flange inside the port again.
- 6 Tighten the trigger till it butts up with the flange.

7.5 Route tubes in a FX



- 1 Uncut or unshaved tubes shall be treated per standard practice (store at the backside of the metal plat between the flanges).
- 2 Secure the bundle with cable ties as shown.

8 OPTIONAL: Secure cable to the outside bracket

A cable securing frame is optional available for the FIST-GC02-BX6, FIST-GC02-BX8 and the FIST-GC02-FX.