LMJ Easy Access Closure

IP/Installation Procedure for LMJ Easy Access Closure

This instruction details the installation procedure to install cables into the Prysmian LMJ Easy Access Closure.

The Prysmian LMJ Easy Access Closure is completely modular; it can meet and exceed all fibre optic needs.



Precautions and Warnings

! This guide is only valid for products purchased from or approved by Prysmian.
! During this procedure all local Health & Safety statutory regulations must be adhered to.
! This installation should only be carried out by suitably trained competent persons.

Tools Required

1. Allen Key	2. Screwdriver
	

Parts List



LMJ Easy Access Closure assembly.



LMJ Easy Access Modules (can vary depending on specification).



LMJ Cap.



LMJ Easy Access Base Ring.



LMJ Clamp.

Opening the LMJ Easy Access Closure

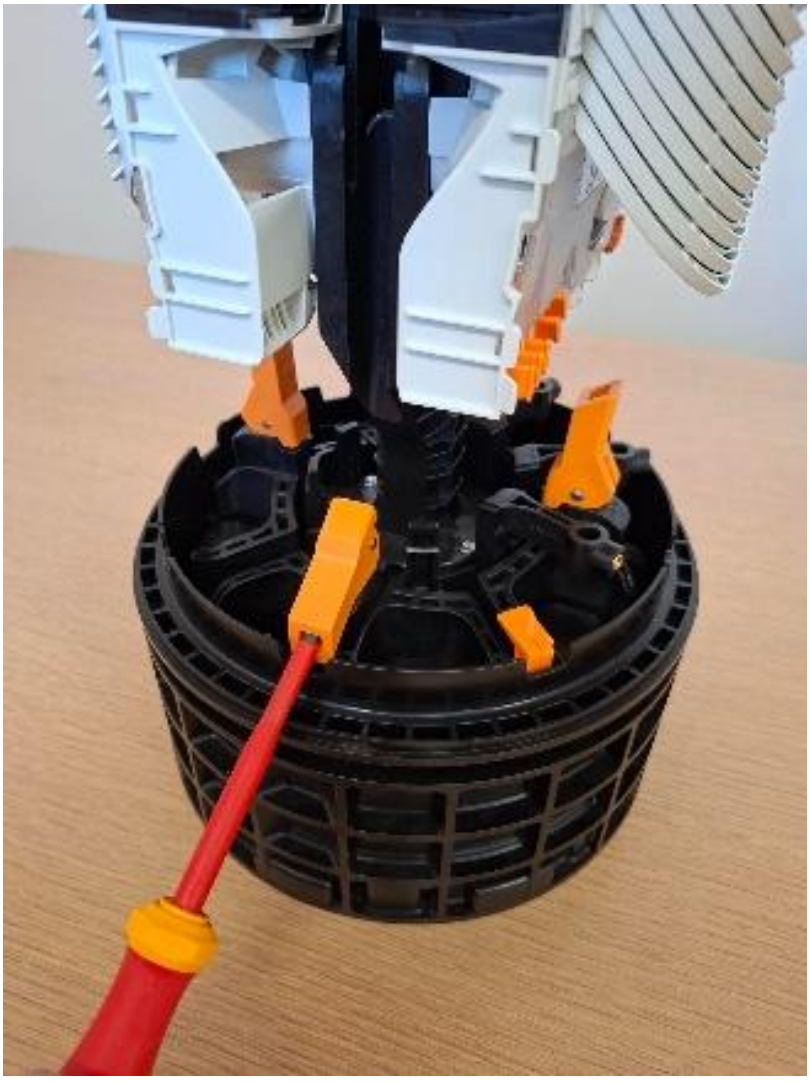
Step 1



Begin by removing the LMJ clamp, to remove this undo the latch (as shown above) and open the clamp.

Opening the LMJ Easy Access Closure

Step 2



After taking the cap off, it will look like this.

The next step is to undo the orange toggles of the LMJ Easy Access Closure, use a screwdriver to lift all clamping positions, which will release the pressure on the LMJ Easy Access Modules.

The oranges clamps will be supplied in the upright position.

Opening the LMJ Easy Access Closure

Step 3



Once all the clamping positions have been released. The LMJ Easy Access Closure will look like this.

Opening the LMJ Easy Access Closure

Step 4



Once they have all been released. The next step is to remove the base ring. To do this, press the orange release tab and rotate the base ring clockwise, to slide it off.

Opening the LMJ Easy Access Closure

Step 5



Remove the base ring.

The closure is now ready for cable/tube installation.

Installing Modules and cables/tubes into the LMJ Easy Access Closure

Step 1

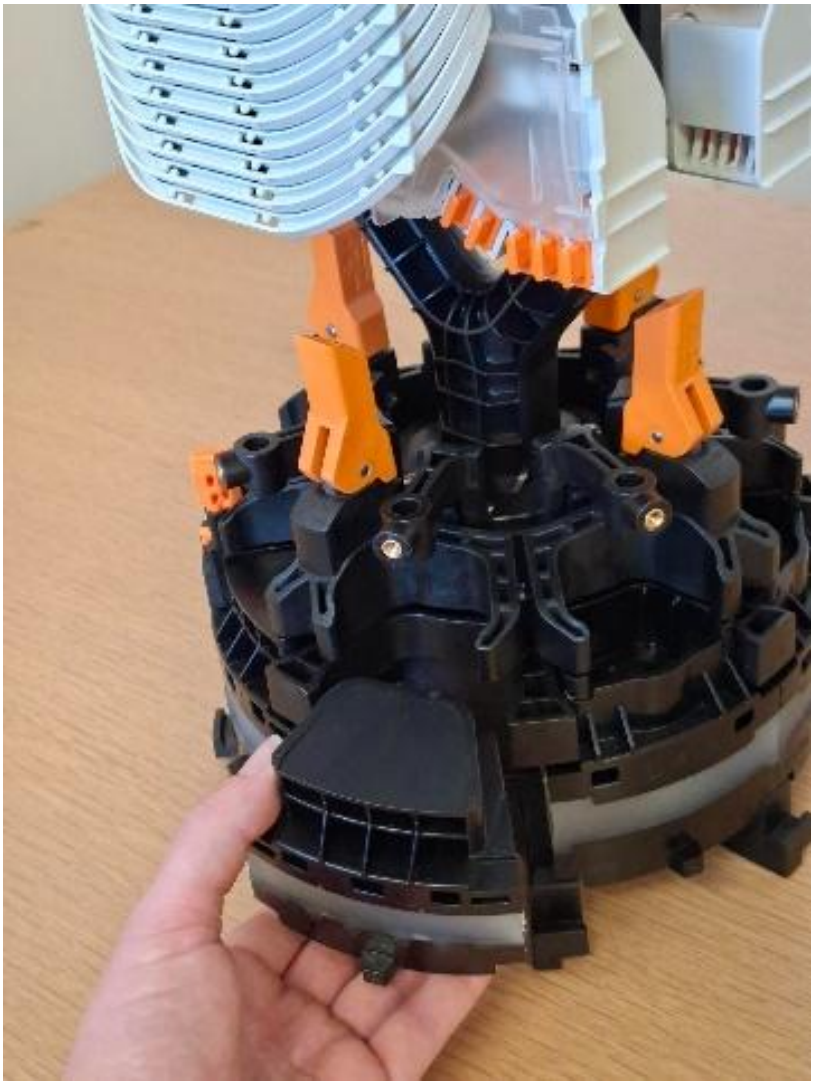


The key step here is to ensure you have the correct Easy Access Module for your diameter of cable/tube. The dimension sizes can be found on the front half of the module.

(List of all Easy Access Modules can be found in the LMJ Easy Access Closure data sheet).

Installing Modules and cables/tubes into the LMJ Easy Access Closure

Step 2



For closures that are required to be populated with blank modules, these can be added/removed by squeezing the top and bottom.

Installing Modules and cables/tubes into the LMJ Easy Access Closure

Step 3

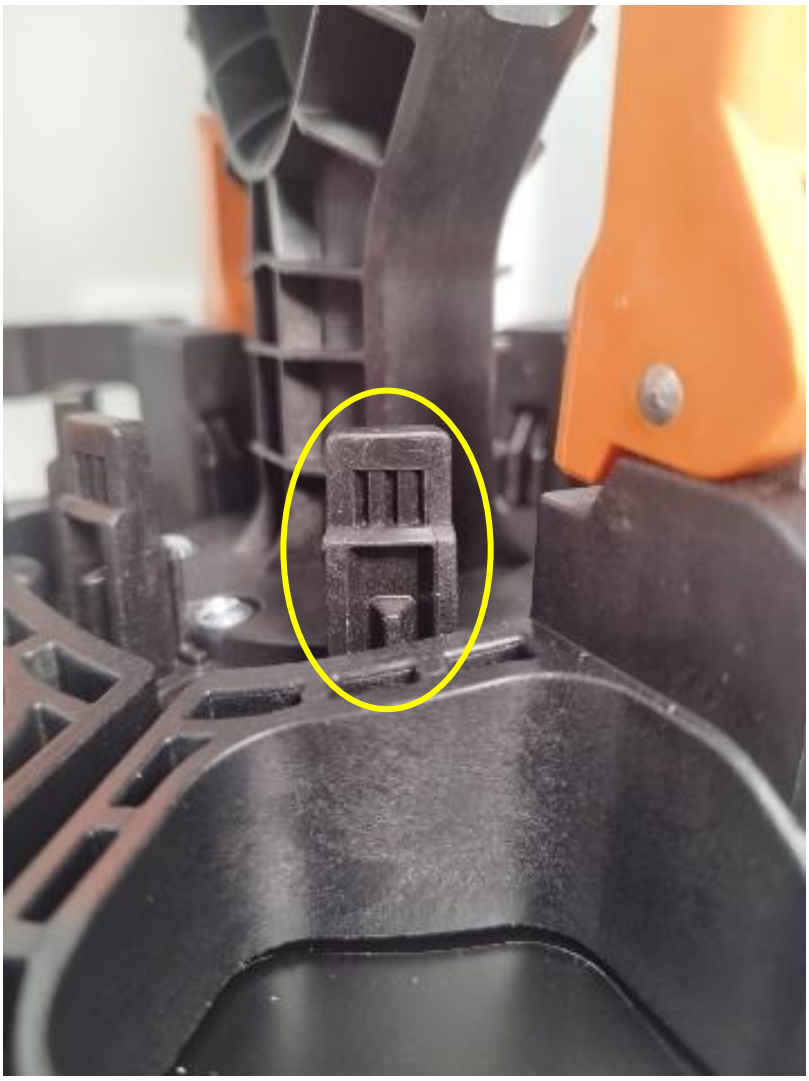


The next step is to install the back half of the module into the closure.

This will create a path for the cable/tube, to assist with the installation.

Installing Modules and cables/tubes into the LMJ Easy Access Closure

Step 4



Then locate the cable restraint holder above where the Easy Access Modules are situated.

(As circled above).

Installing Modules and cables/tubes into the LMJ Easy Access Closure

Step 5

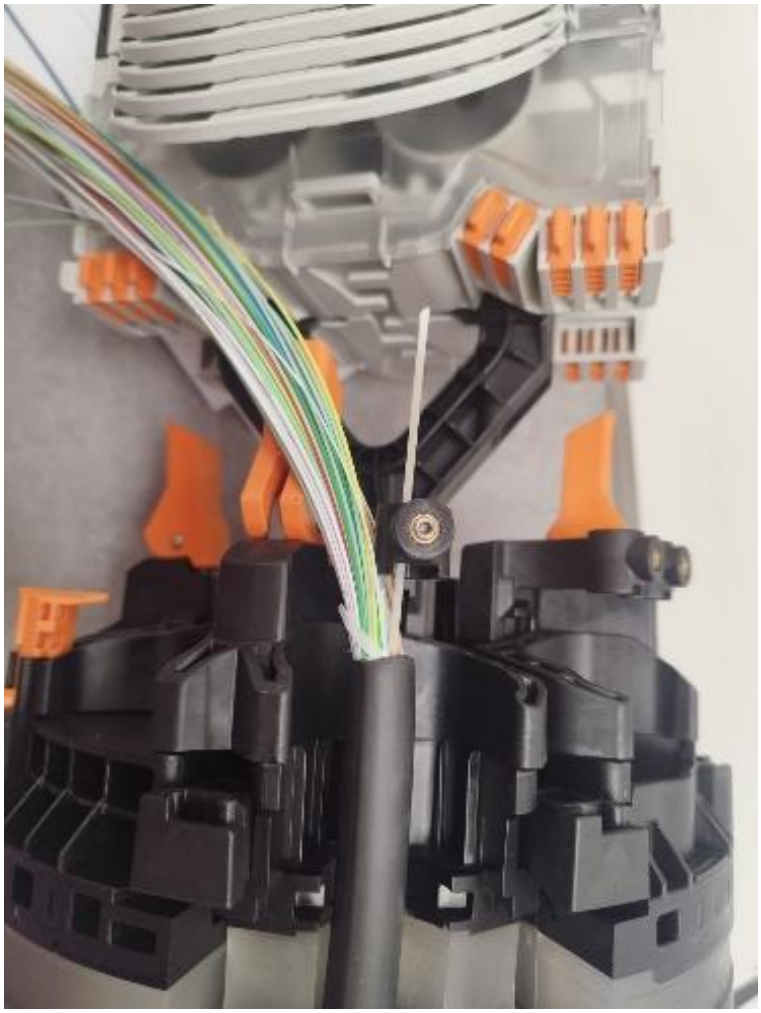


Push the restraint bracket onto the holder.

(Please note that the style of Cable Restraint Kit will change depending on if your cable/tube has CSM, Aramid or is a tube).

Installing Modules and cables/tubes into the LMJ Easy Access Closure

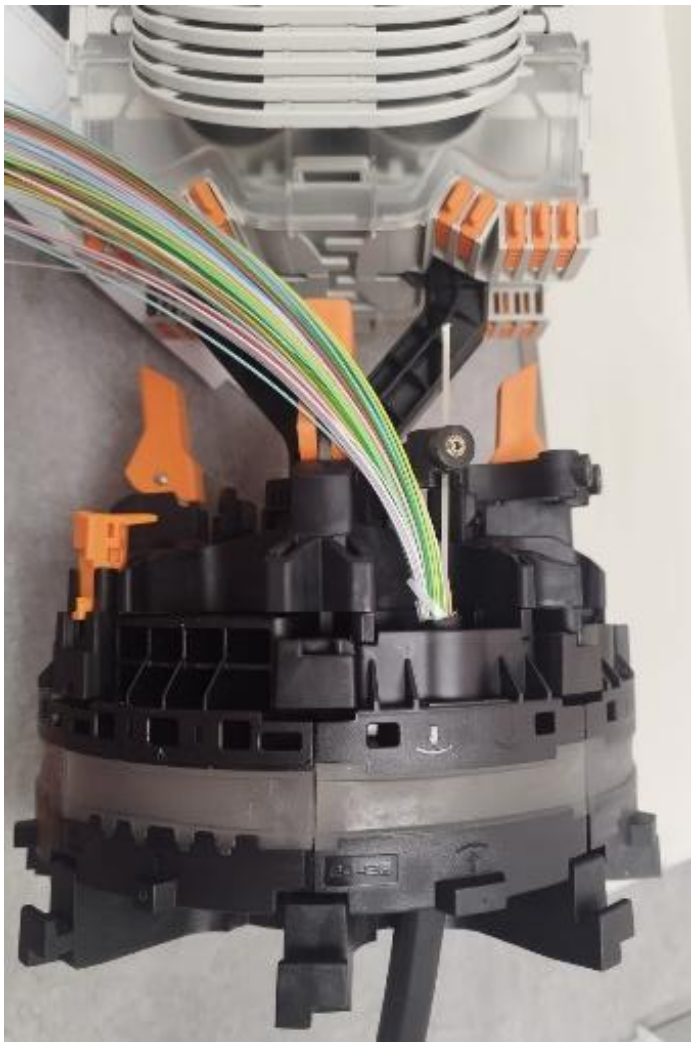
Step 6



Then proceed to install the cable/tube, into the module.

Installing Modules and cables/tubes into the LMJ Easy Access Closure

Step 7



Once the cable/tube installation has completed. Install the second half of the Easy Access Module into position, wrapping it around the cable.

Installing Modules and cables/tubes into the LMJ Easy Access Closure

Step 8



Make sure to anchor the cable in place, either with aramid or CSM, this is done using the restraint bracket.

Installing Modules and cables/tubes into the LMJ Easy Access Closure

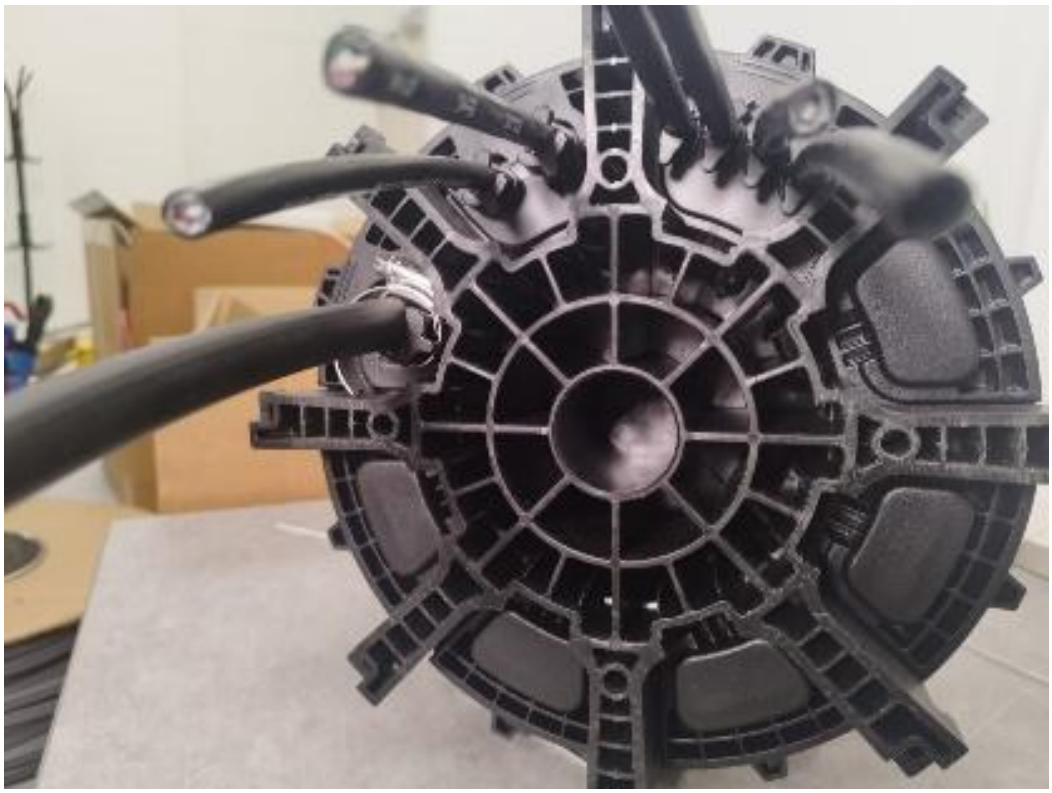
Step 9



Ensure that the cable is fixed in place using the jubilee clip on the inside of the module.

Installing Modules and cables/tubes into the LMJ Easy Access Closure

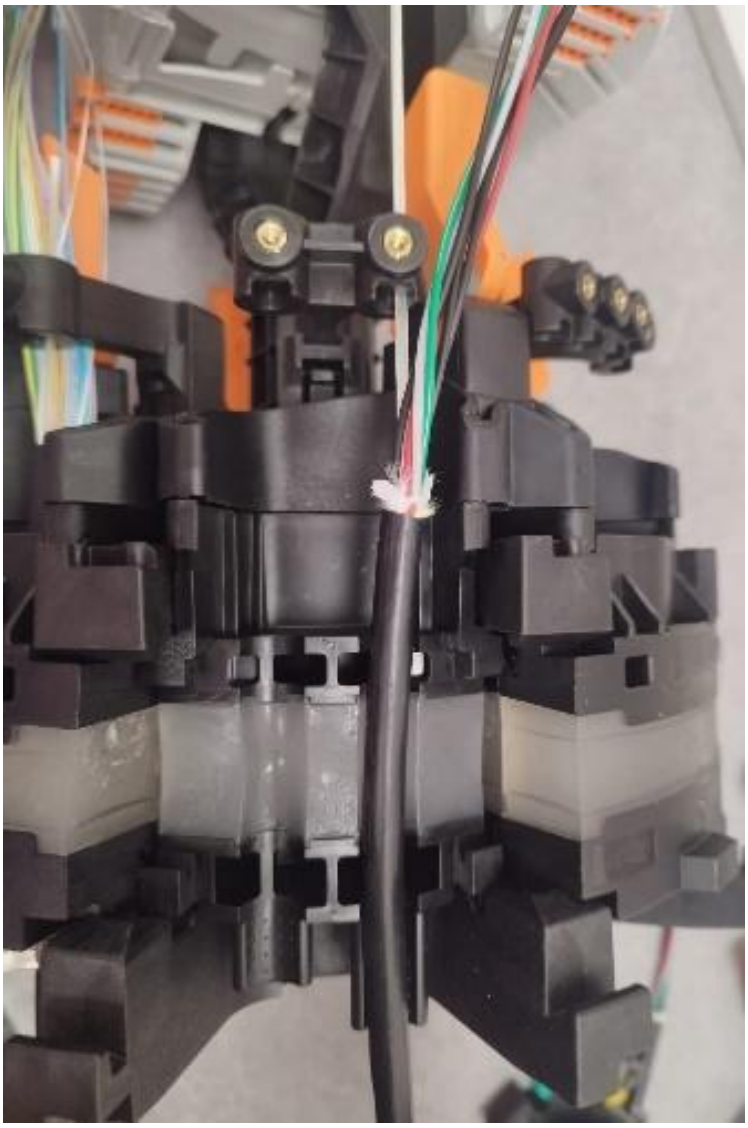
Step 10



After installing the cable, ensure that there is an Easy Access Module fitted in each of the 8 positions of the closure, either with incoming cables or a blank module. Leaving a gap will increase the risk of water & dust ingress.

Installing cables/tubes into the 2-way & 4-way modules

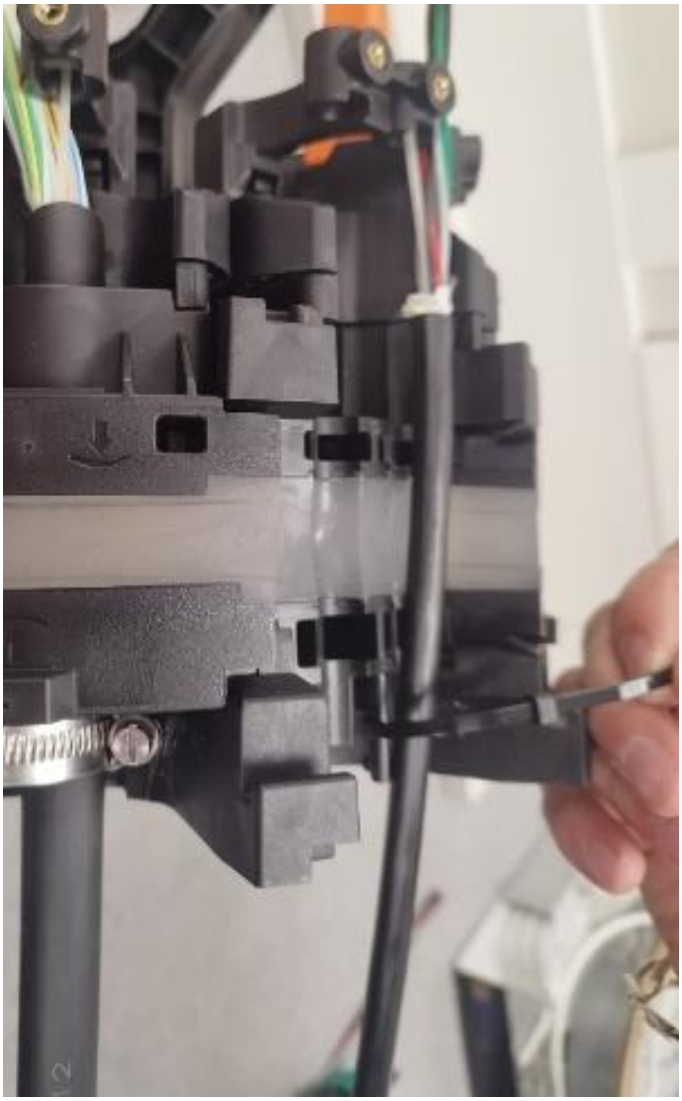
Step 1



To install a cable into a 2/4-way module, follow the exact same principle as installing one into a single way. The only difference is instead of a jubilee; a cable tie is used as the cables are smaller in diameter.

Installing cables/tubes into the 2-way & 4-way modules

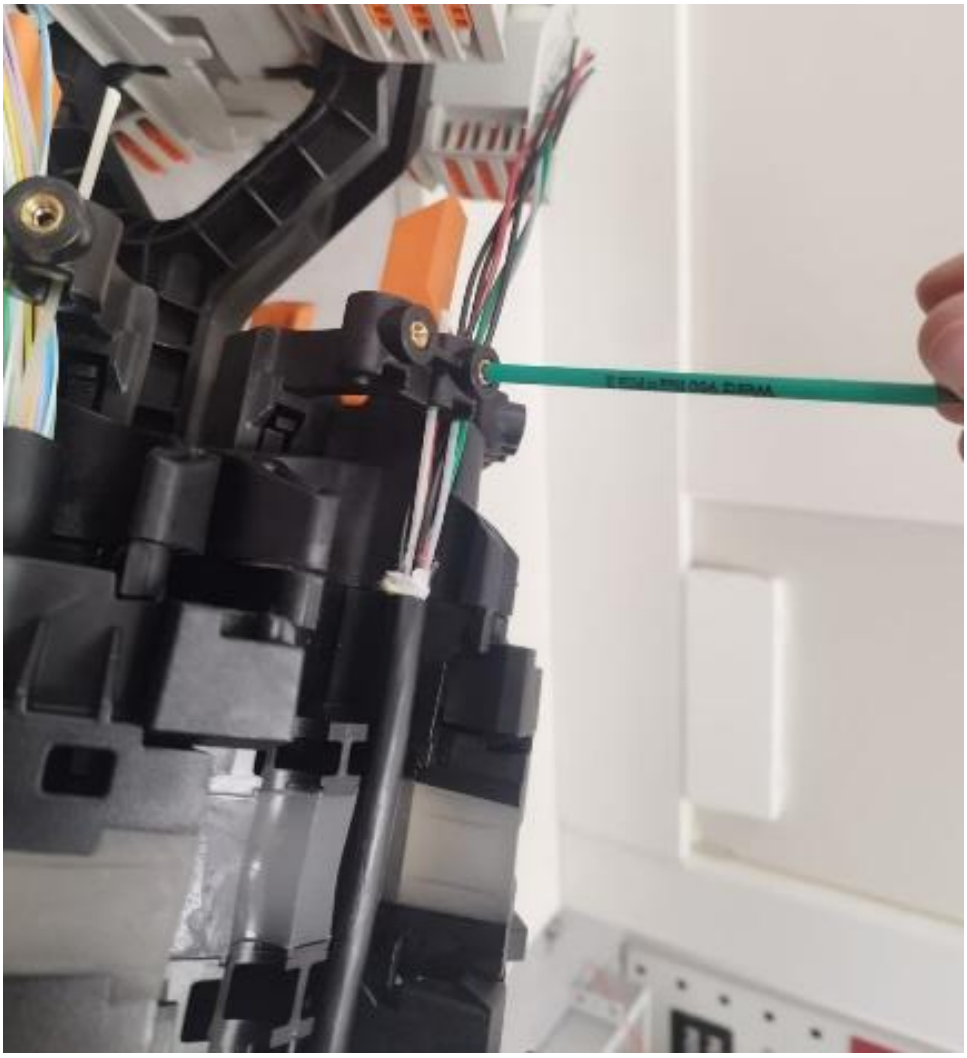
Step 2



Secure it in place using a cable tie.

Installing cables/tubes into the 2-way & 4-way modules

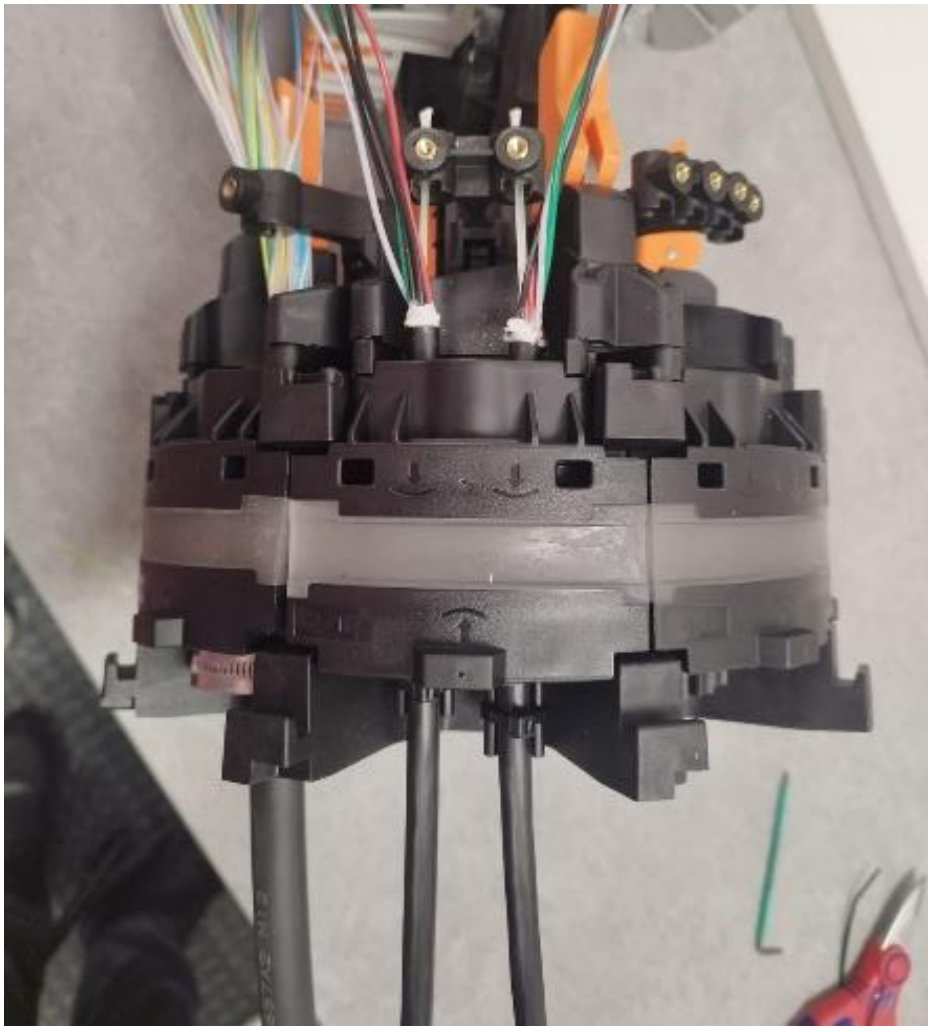
Step 3



Feed the CSM into the holder and screw shut using an allen key.

Installing cables/tubes into the 2-way & 4-way modules

Step 4

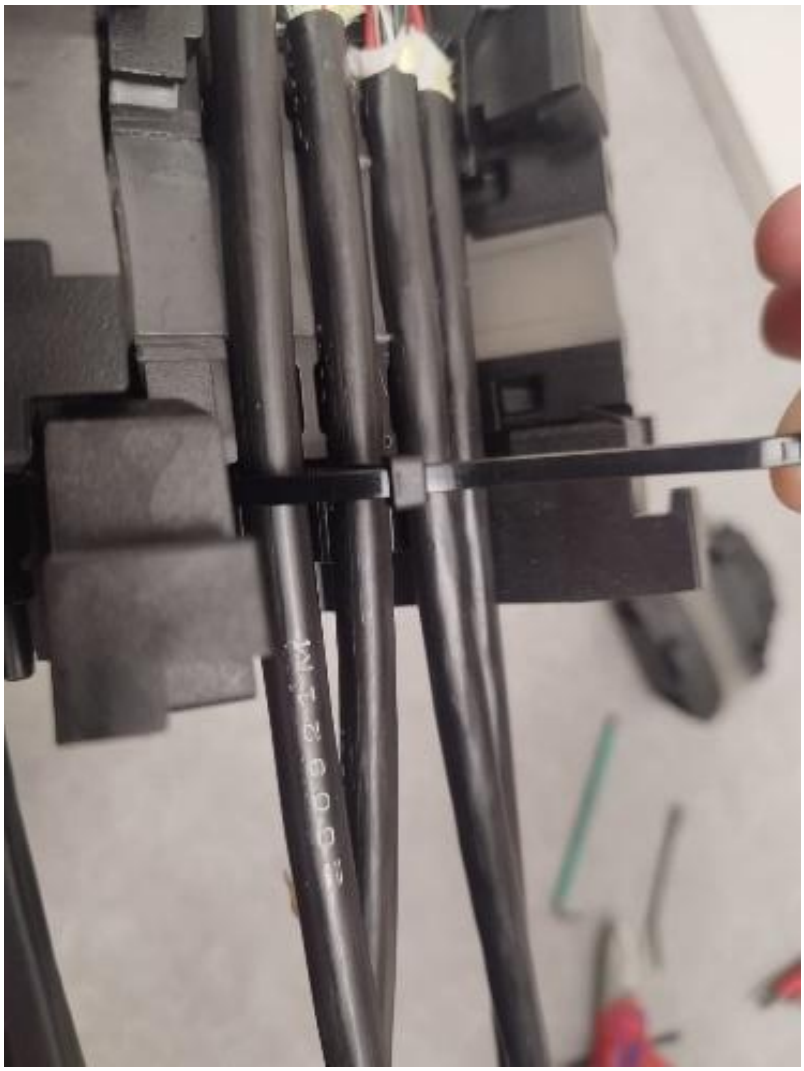


Place the module back in position.

Any positions within the closure that have a space in them should have a blank module installed.

Installing cables/tubes into the 2-way & 4-way modules

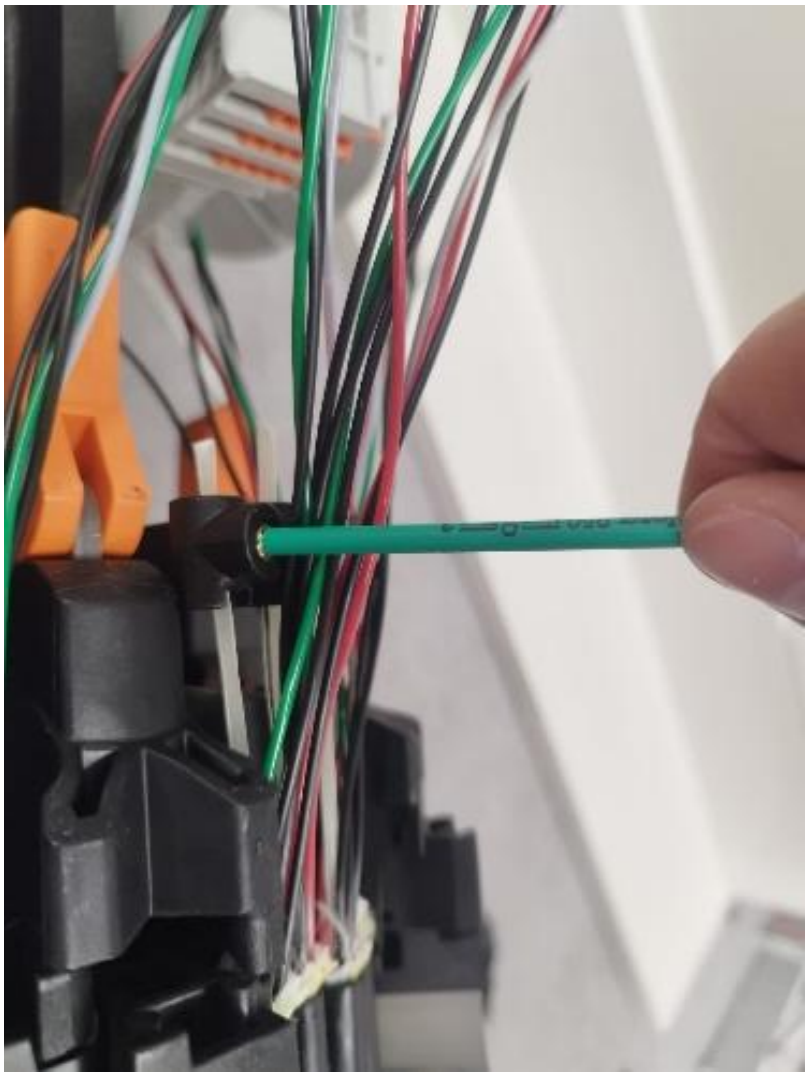
Step 5



For the 4-way module, again place all in the cables in the one half, then secure them using a cable tie.

Installing cables/tubes into the 2-way & 4-way modules

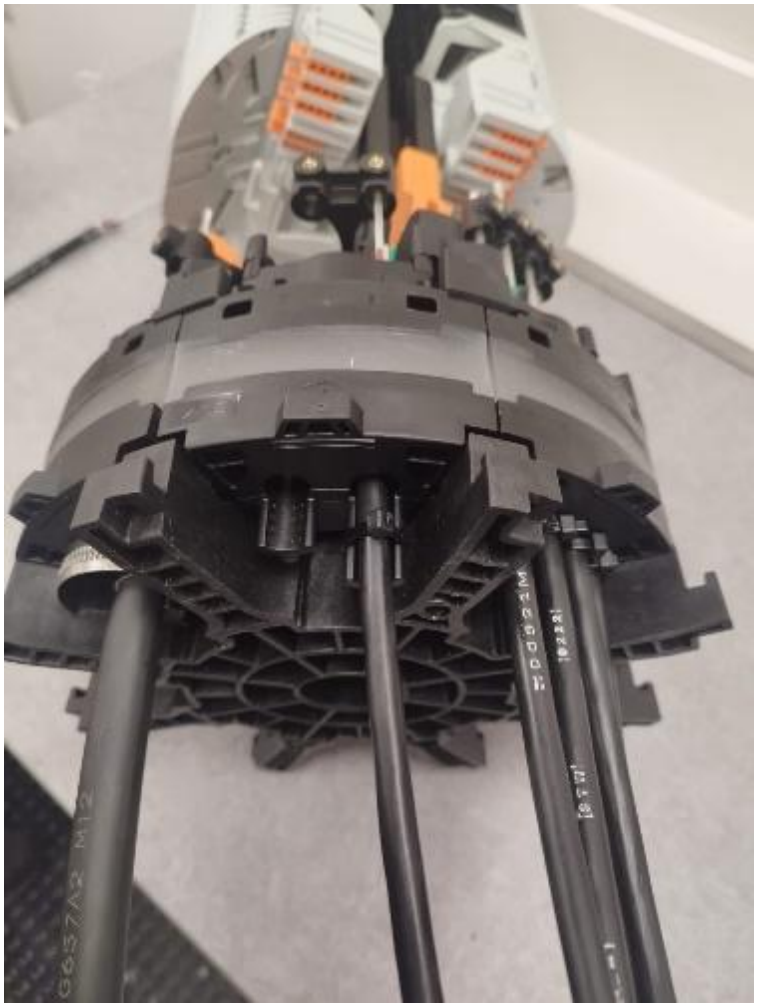
Step 6



Feed the CSMs through the holder on all the cables and screw them into place. After this, place the other half of the module over the top.

Installing cables into modules which are already populated with cables/tubes

Step 1



Start by removing the module you want to add an additional cable into.

Installing cables into modules which are already populated with cables/tubes

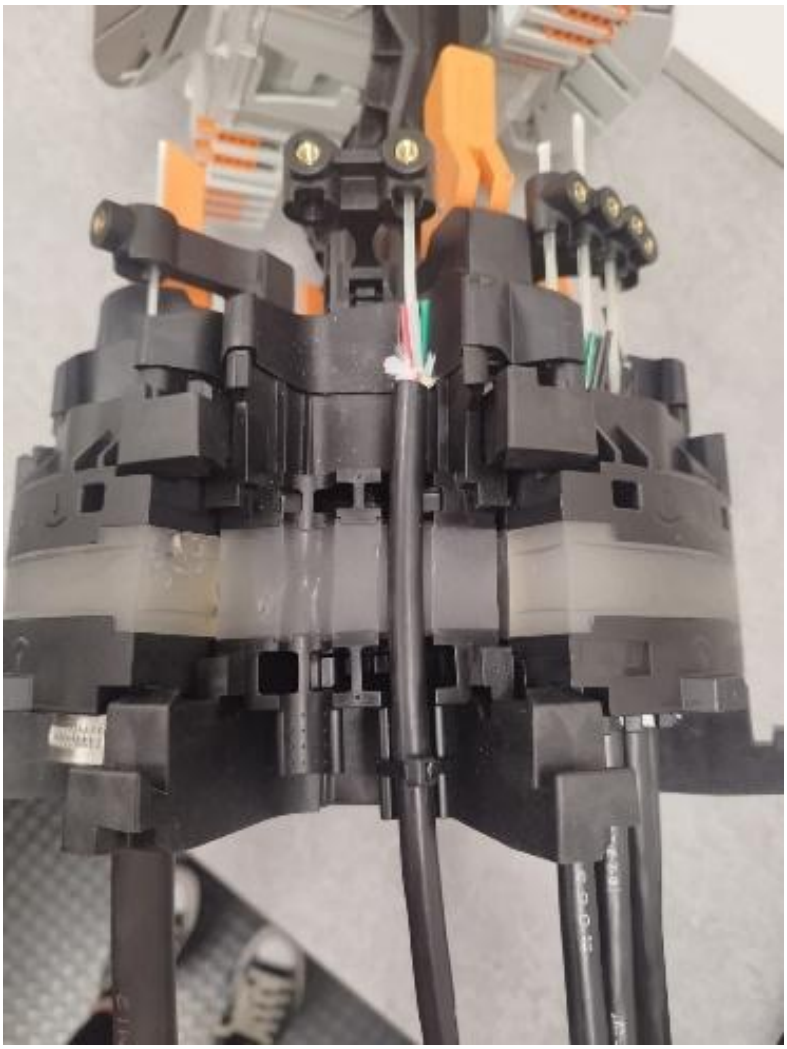
Step 2



Remove the blank plug & remove the module.

Installing cables into modules which are already populated with cables/tubes

Step 3



Determine where you want the cable to go.

Installing cables into modules which are already populated with cables/tubes

Step 4



Place the additional cable in and secure it in place using a cable tie.

Installing cables into modules which are already populated with cables/tubes

Step 5



Feed the CSM into position and screw it in.

Installing cables into modules which are already populated with cables/tubes

Step 6



Place the module back in place.

Closing the LMJ Easy Access Closure

Step 1



Once all your cables have been installed, you then need to slide the base ring back on.

Closing the LMJ Easy Access Closure

Step 2

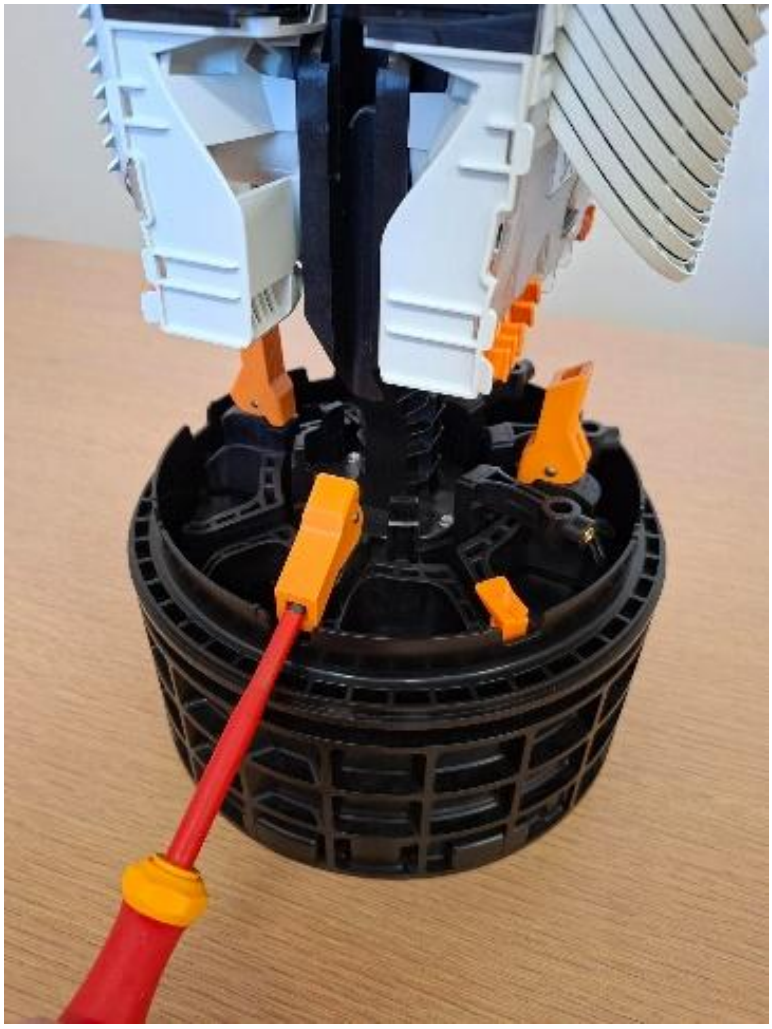


Ensure that you rotate the base ring, until it clicks into place.

It will audibly click and the ‘push release tab’ will be in the middle of the cut out (as circled above).

Closing the LMJ Easy Access Closure

Step 3



Then using a screwdriver, clamp all the modules down.

Closing the LMJ Easy Access Closure

Step 4



Once all modules are securely clamped down, then place the LMJ Cap over the LMJ Easy Access Closure.

Closing the LMJ Easy Access Closure

Step 5



Then to finish closing the LMJ Easy Access Closure, attach the LMJ Clamp ring and clamp it in place.

Closing the LMJ Easy Access Closure

Step 6



Installation complete.

Contact information

	Office	Telephone/Fax	Email
ASEAN	Singapore	T : +65 6898 3633 T : +65 6265 0707	sales.asean@prysmian.com
AUSTRALIA	Liverpool	T: 1300 300 304 F : 1300 300 307	sales.telecom.au@prysmian.com
CHINA	Wuxi	T : +86 510 68069518 F: +86 510 68069559	tls.china@prysmian.com
DANUBIAN	Slatina	T : +40-349-406.628 F : +40-349-433.484	customercare.romania@prysmian.com
FRANCE	Champs-Sur-Marne	T : +33 1 69 67 72 80	telecom.fr@prysmian.com
ITALIA	Milano	T: +3964493939 F: +3964499264	pqa@prysmian.com
LATAM	Sorocaba	T: +55 15 3212 6801 F: +55 15 3212 6814	sales.telecom.br@prysmian.com
MIDDLE EAST	Dubai	T : +971 4 368 8682 F : +971 4 368 8683	dubaioffice@prysmiancables-me.com
NORDICS	Malmö	T : +46 380 554 265	info.nordic@prysmian.com
NORTH AMERICA	Lexington	T : 800 669 0808	comm.cables@prysmian.com
OPGW & SPECIALS	Vilanova	T: +34 93 811 6181 F: + 34 93 811 6031	opgw@prysmian.com
RUSSIA	Moscow	T: +7 495 777 80 86 F: +7 495 777 80 89	info.ru@prysmian.com
SPAIN & AFRICA	Maliaño	T: +34 942247118 F: +34 942247114	santander.bo@prysmian.com
TURKEY	Istanbul		tpks@prysmian.com
UK	Eastleigh	T: +44 2380 295 000	sales.telecom.uk@prysmian.com

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PRYSMIAN HELPLINE: + 44 (0) 7816191633
connectivity.helpline@prysmian.com