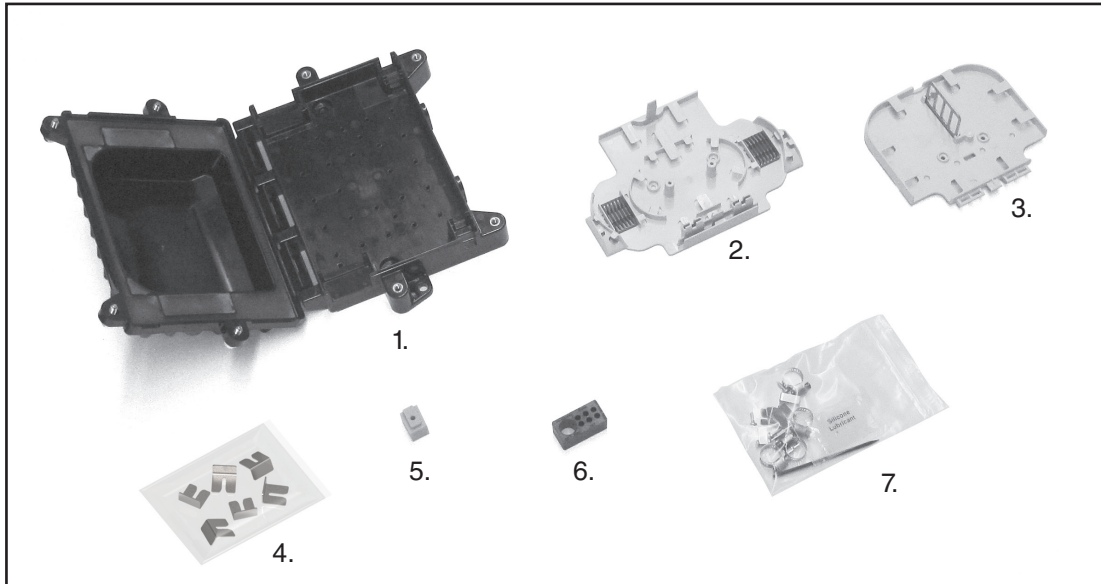




COYOTE® DTC4 (Drop Termination Closure)

Be sure to read and completely understand this procedure before applying product. Be sure to select the proper PREFORMED™ product before application.



NOMENCLATURE

- | | |
|---|---|
| 1. Base with Cover (1) | 4. Flat Drop Cable Retention Clip Kit (1) |
| 2. Splice Organizer (1) | 5. Small Grommet (2) |
| 3. Bulkhead Tray
(with Splice and Adapters
Organizer) (1) | 6. Large Grommet (2) |
| | 7. Small Parts Bag (1) |

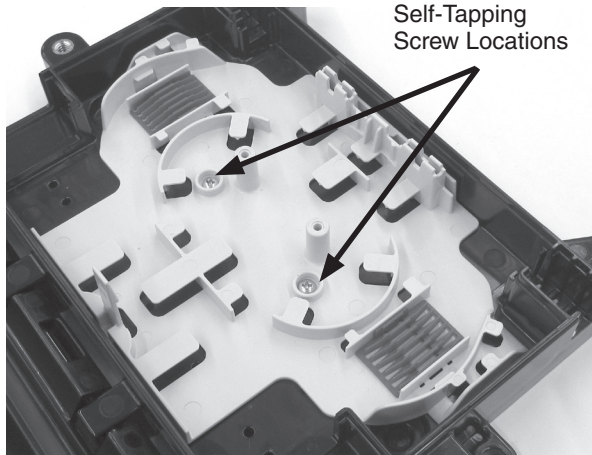
TOOLS REQUIRED

- 3/8" & 7/16" socket or can wrench
- Fiber optic cable opening tools
- 1/4" Nut driver or screwdriver
- Phillips Head Screwdriver
- Snips

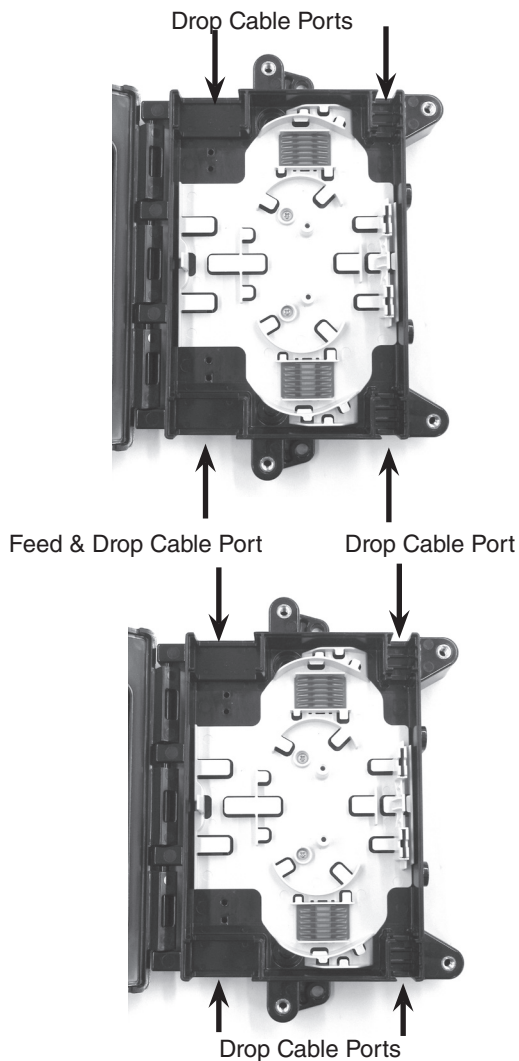
COYOTE® DTC 4/6 Mounting Bracket Kits		
Catalog Number	Description	Kit Image
8004109	COYOTE DTC 4/6 Pole/Wall Mount Bracket Kit	
8004110	COYOTE DTC 4/6 Cable Storage Bracket Kit	
8004111	COYOTE DTC 4/6 Aerial Mounting Bracket Kit – Strand Applications	
8004112	COYOTE DTC 4/6 Aerial Mounting Bracket Kit – ADSS Applications	

General Base Preparation

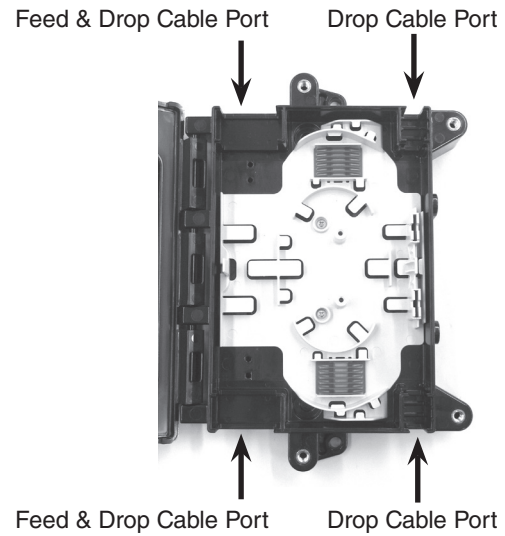
Step #1 Install the fiber organizer into the base with the self-tapping screws provided.



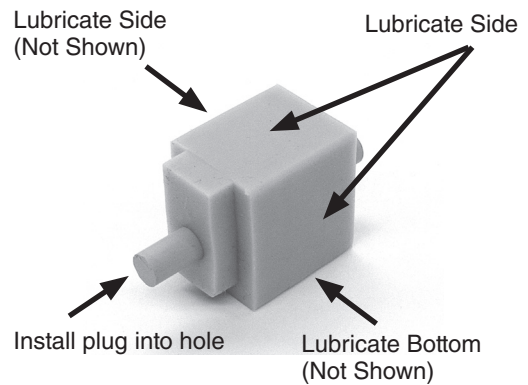
Step #2 Determine the cable entry locations for cut applications as shown below.



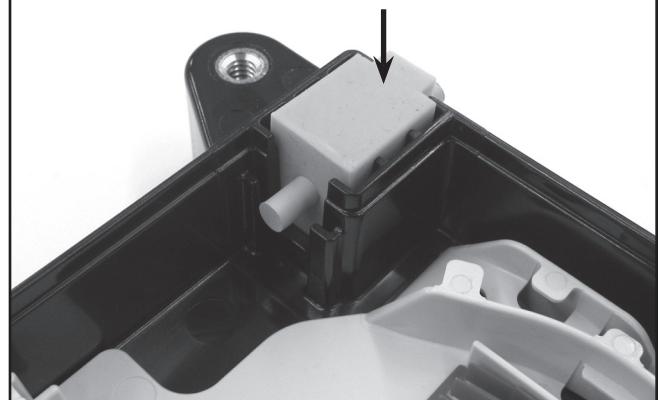
Step #3 Determine the cable entry locations for in-line applications as shown below.



Step #4 Install the plug(s) in any grommet that will not be used and lubricate all four sides of the grommet with silicone lubricant.

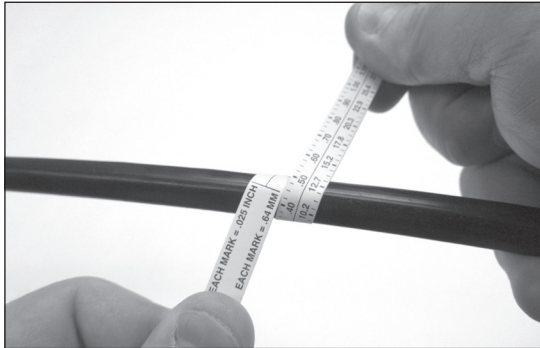


Step #5 Insert the grommet(s) with the plug(s) in any cable port(s) that will not be used.



General Duct Preparation

Step #6 Measure each duct to determine the diameter of the duct and select the proper grommet(s) for your application.



Small Grommets

Small Grommets		Cable Diameter Range
A		SOLID / PLUG
B		.170" - .250" (4.3 - 6.4 mm) ROUND CABLES
C		.250" - .350" (6.4 - 8.9 mm) ROUND CABLES
D		.156" - .170" (4.0 - 4.3 mm) ROUND CABLES
E		.093" - .125" (2.4 - 3.2 mm) ROUND CABLES
F		FLAT DROP CABLES
G		.350" - .420" (8.9 - 10.7 mm) ROUND CABLES

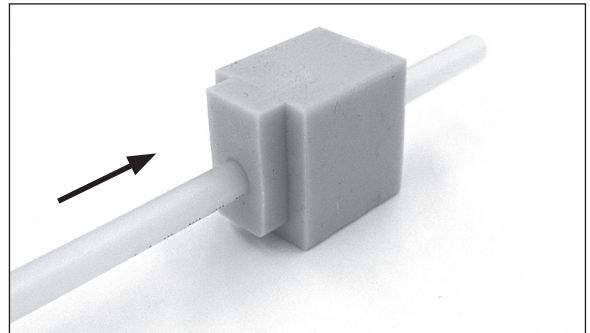
Step #6 (Continued)

Large Grommets

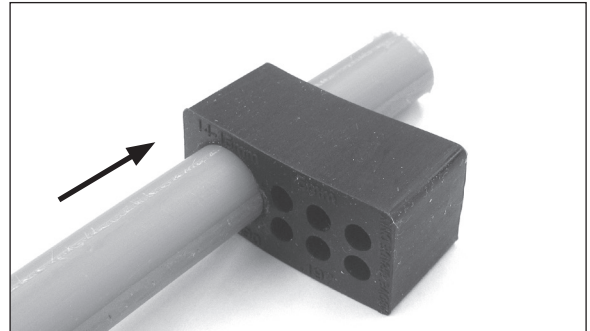
Large Grommet		Cable Diameter Range
A		5 Hole Design 1 Hole - .55" - .60" (14 - 15 mm) 4 Holes - .275" (7 mm)
B		7 Hole Design 1 Hole - .55" - .60" (14 - 15 mm) 6 Holes - .197" (5 mm)

Step #7 Insert each duct in the appropriate grommet.

Small Grommets

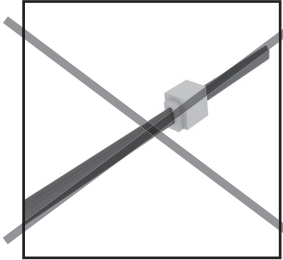


Large Grommets

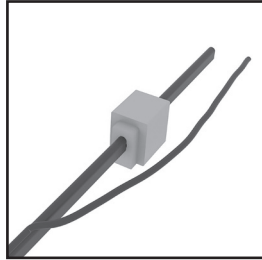


Step #8 If the duct is a Figure 8 style duct or has a tracer wire, remove the ground wire or tracer wire from the portion of the duct that will be positioned in the grommet and insert the duct into the grommet.

Duct with Tracer Wire

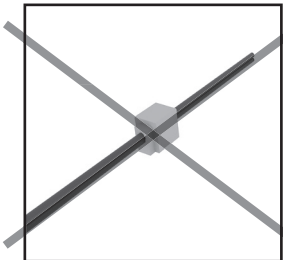


NOT CORRECT INSTALLATION

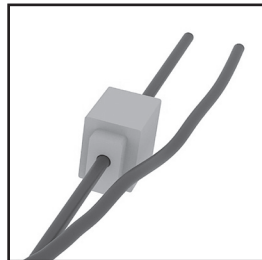


CORRECT INSTALLATION

Figure 8 Style Cable

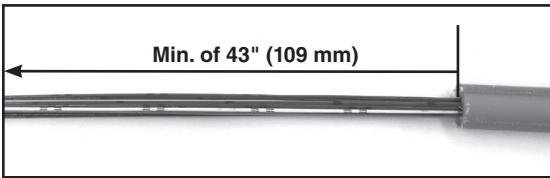


NOT CORRECT INSTALLATION



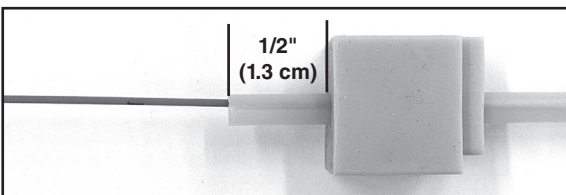
CORRECT INSTALLATION

Step #9 Expose the fibers a minimum of 43" (109 cm) past the duct opening.

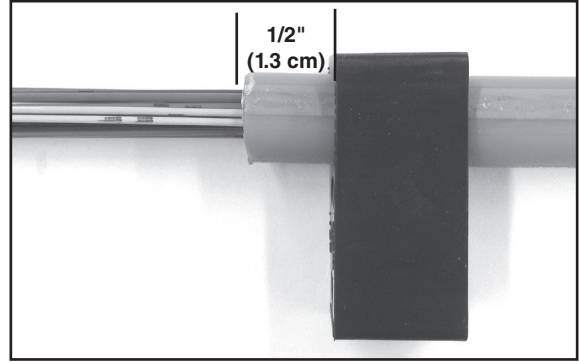


Step #10 Adjust each grommet as shown below.

Small Grommets

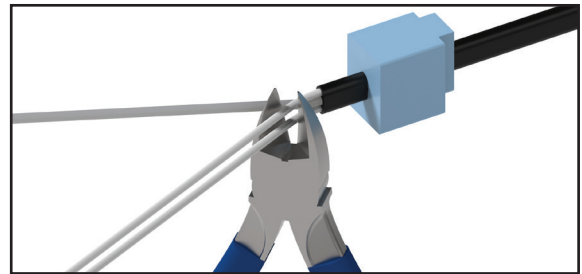


Step #10 Continued
Large Grommets

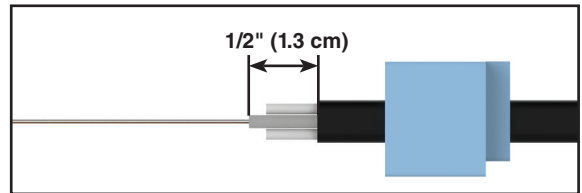


Flat Drop Cable Preparation

Step #11 Trim the cable strength members as close to the cable sheath opening as possible.



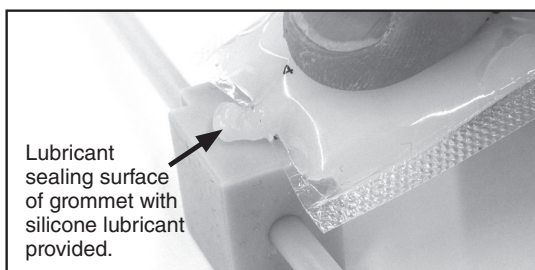
Step #12 Remove the buffer tube roughly 1/2" (1.3 cm) from the cable sheath opening.



Preparation and Installation of Small and Large Grommets

Step #13 Apply a light coating of lubricant to all outer surfaces of the grommet.

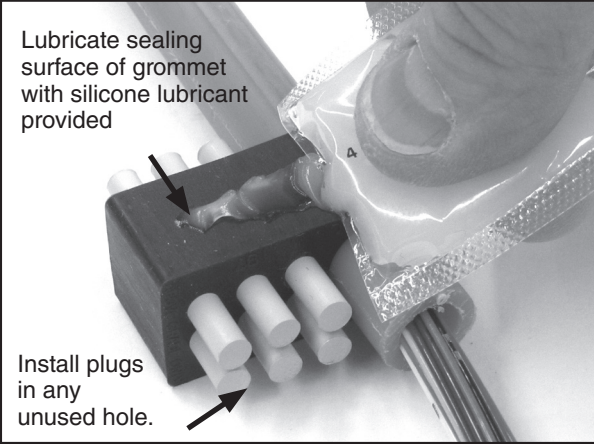
Small Grommets



Step #13 Continued
Large Grommets

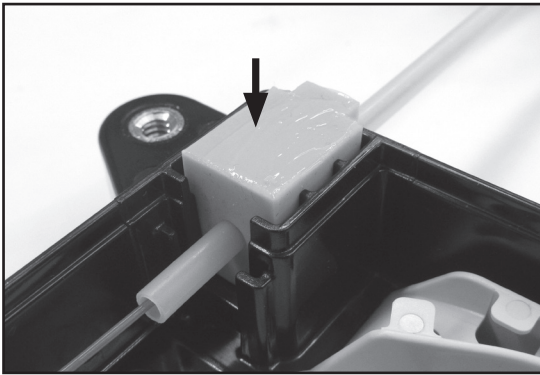
Lubricate sealing surface of grommet with silicone lubricant provided

Install plugs in any unused hole.

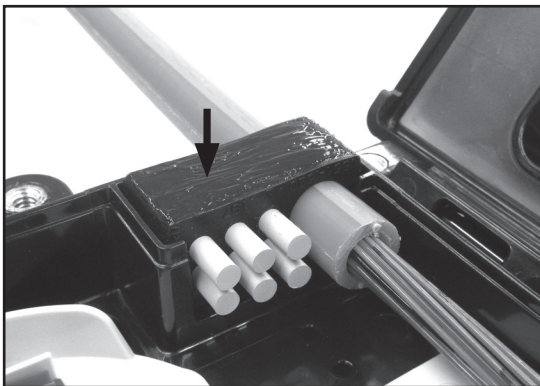


Step #14 Install the grommets into the grommet pocket.

Small Grommets

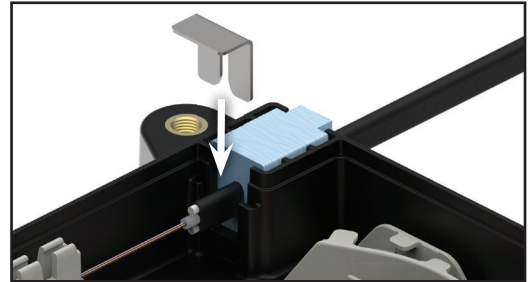


Large Grommets

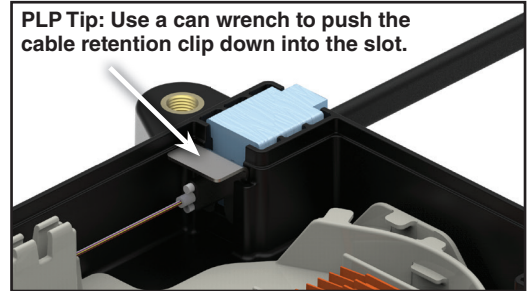


Flat Drop Cable Retention

Step #15 Insert the cable retention clip into the retention clip pocket and push the clip onto the cable.

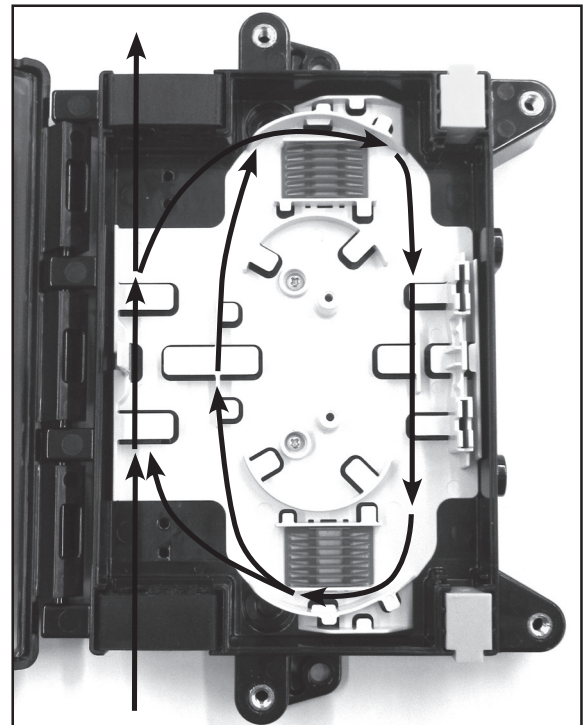


PLP Tip: Use a can wrench to push the cable retention clip down into the slot.



Routing Fibers

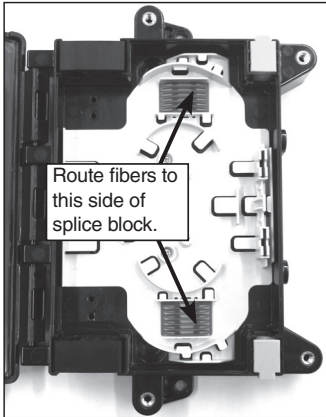
Step #16 Route expressed fibers as shown.



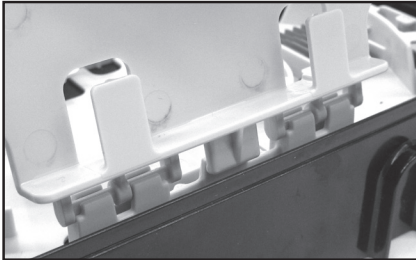
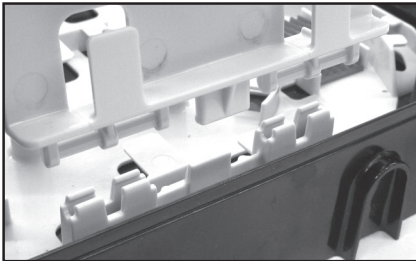
Step #17 Route and splice fibers per your accepted company practice.

Cross-Connect Applications

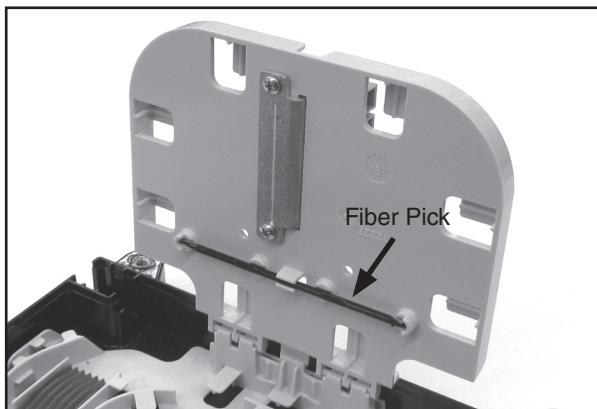
Step #18 Route **incoming** and outgoing fibers to the side of the splice block facing the two cable ports, per your accepted company practice.



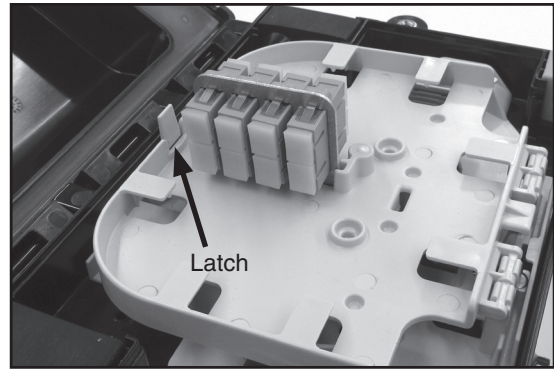
Step #19 Install hinge of bulkhead tray into fiber organizer as shown.



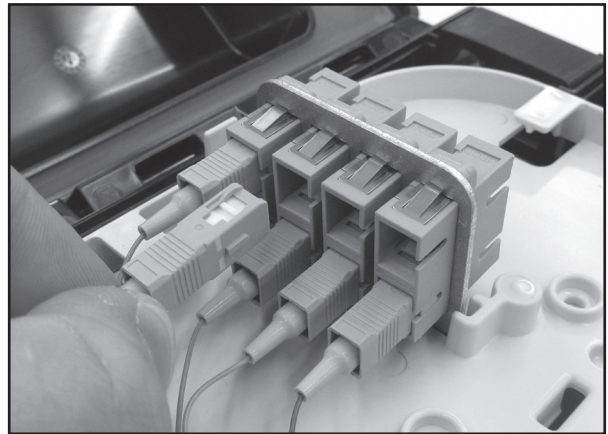
Step #20 Store the fiber pick on the bottom side of the bulkhead tray.



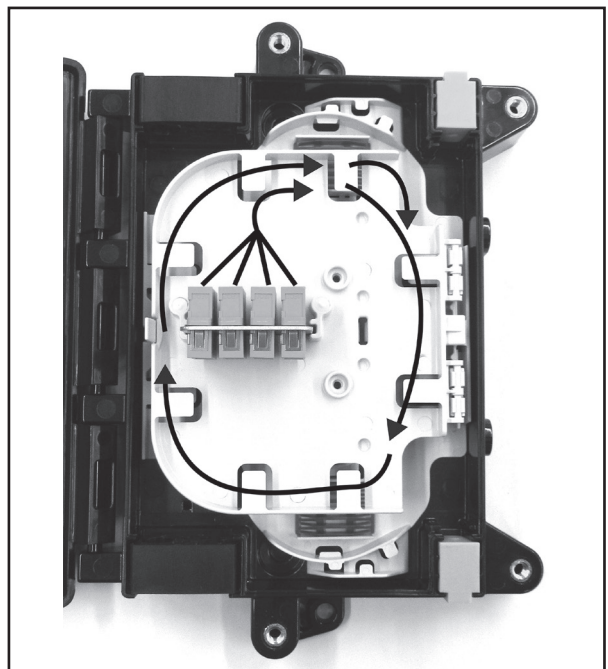
Step #21 Latch the bulkhead tray into place.



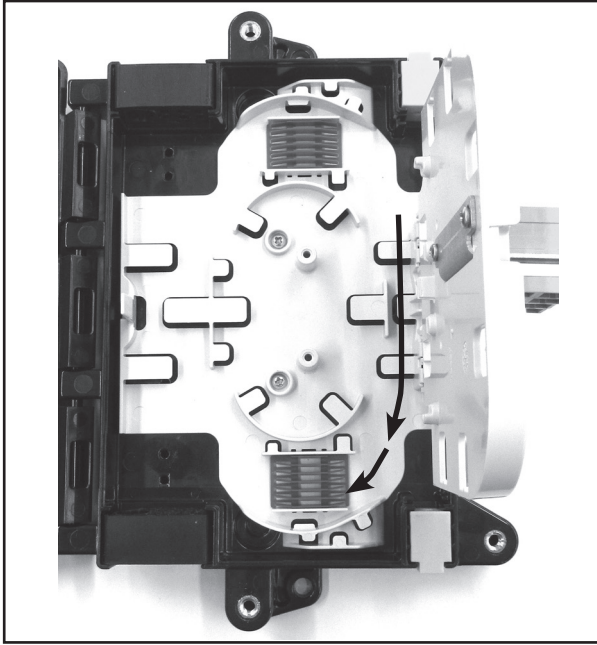
Step #22 Insert the pigtail connectors into the adapters of the bulkhead tray.



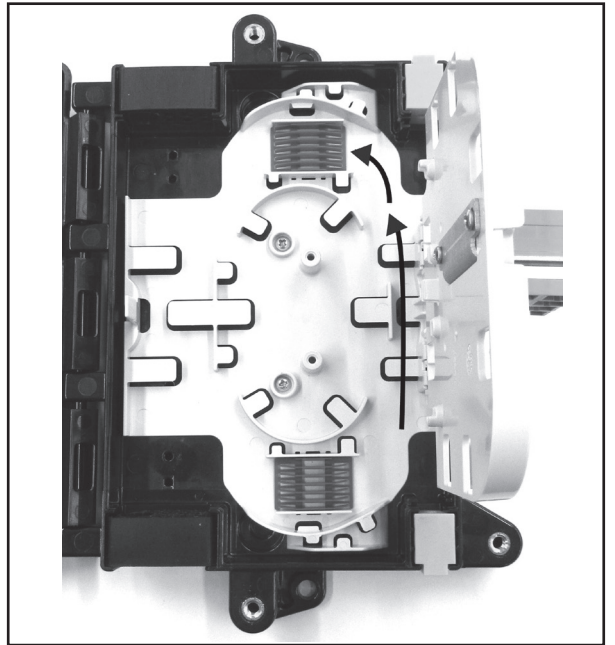
Step #23a Route the pigtails for **incoming** fibers.



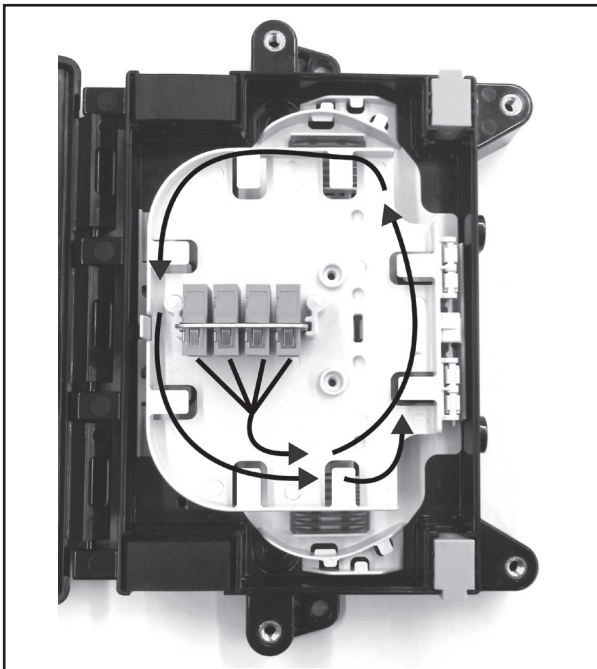
Step #23b Route the pigtails for **incoming** fibers.



Step #24b Route the pigtails for **incoming** fibers.



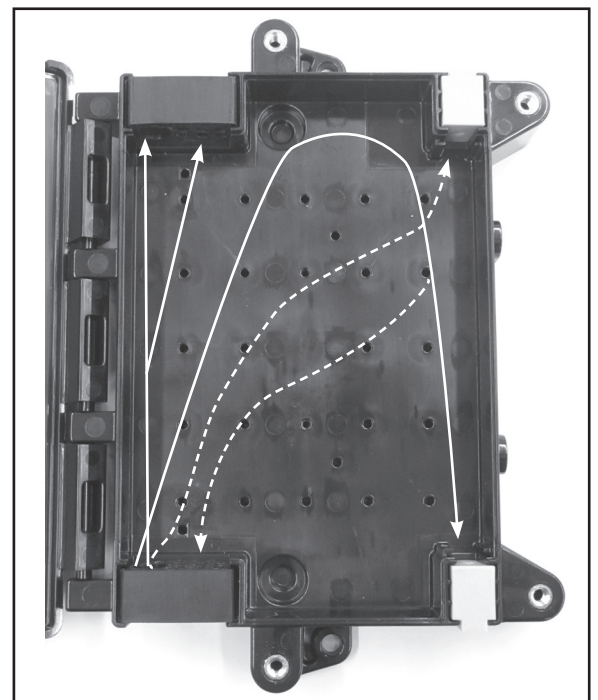
Step #24a Route the pigtails for **outgoing** fibers.



Step #25 Splice the matching fibers and the pigtail fibers (ex.: incoming fiber 1 to incoming pigtail fiber 1) per your accepted company practice.

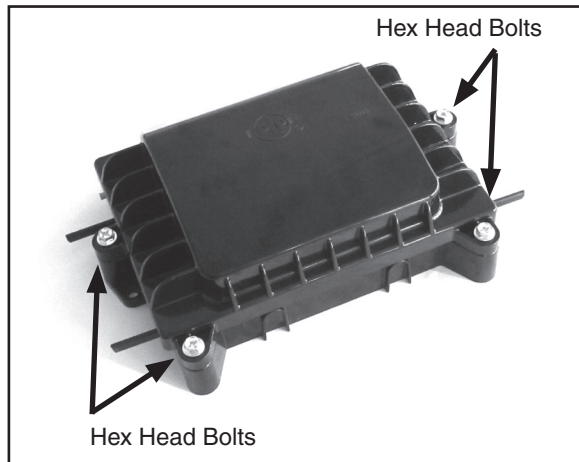
Duct Transition Applications

Step #26 Route the fibers from the incoming duct to the **outgoing** duct(s).



Cover Installation

Step #27 Close the cover and secure it to the base by hand tightening the 4 hex head bolts.

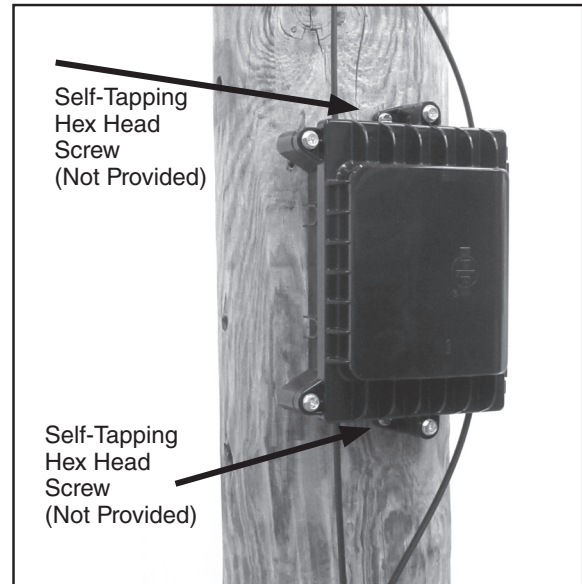


NOTE: Tighten bolts evenly by hand. DO NOT USE POWER TOOLS TO INSTALL THE COVER.

NOTE: When using a can wrench or a nut driver, the installed torque is 35 to 40 in. lbs.

Mounting Options

Step #28 Pole/ Wall Mounting as shown below.



SAFETY CONSIDERATIONS

This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. **FAILURE TO FOLLOW THESE PROCEDURES MAY RESULT IN PERSONAL INJURY OR DEATH.**

Do not modify this product under any circumstances.

This product is intended for use by trained technicians only. **This product should not be used by anyone who is not familiar with, and not trained to use it.**

When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact. Be sure to wear proper safety equipment per your company protocol.

For proper performance and personal safety, be sure to select the proper size PREFORMED™ product before application.

PREFORMED products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.



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