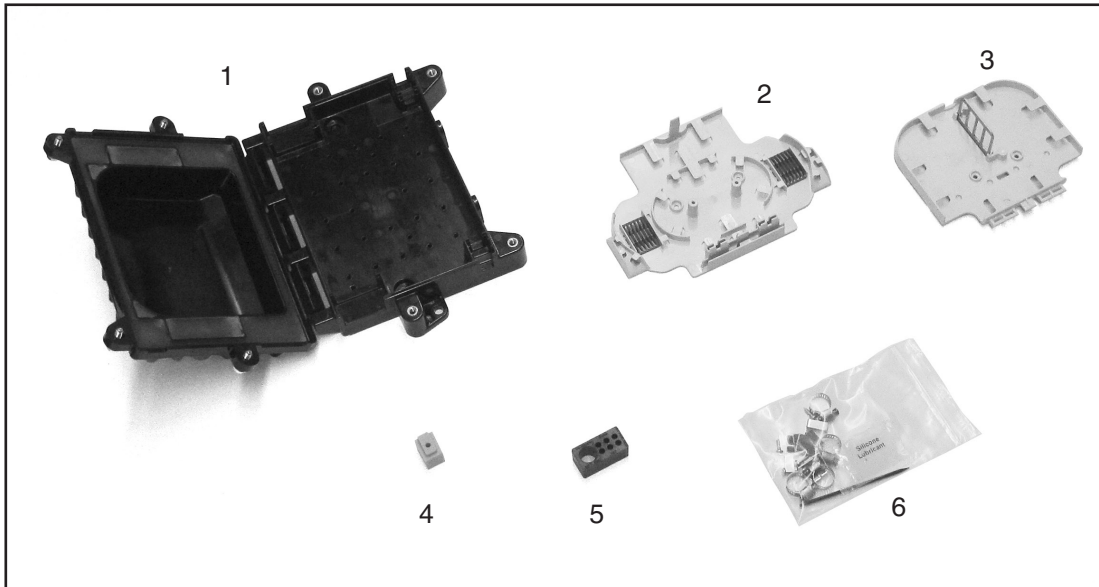# COYOTE® DTC4 (Drop Termination Closure)

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)
2. Splice Organizer (1)
3. Bulkhead Tray
   (with Splice and Adapters
   Organizer) (1)
4. Small Grommet (4)
5. Large Grommet (2)
6. Small Parts Bag (1)

TOOLS REQUIRED

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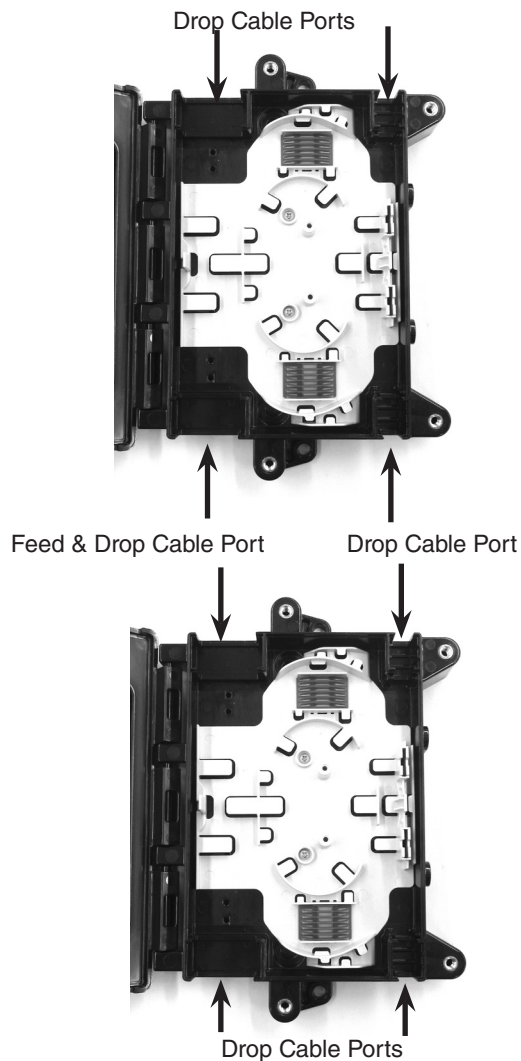• Phillips Head Screwdriver
• Snips

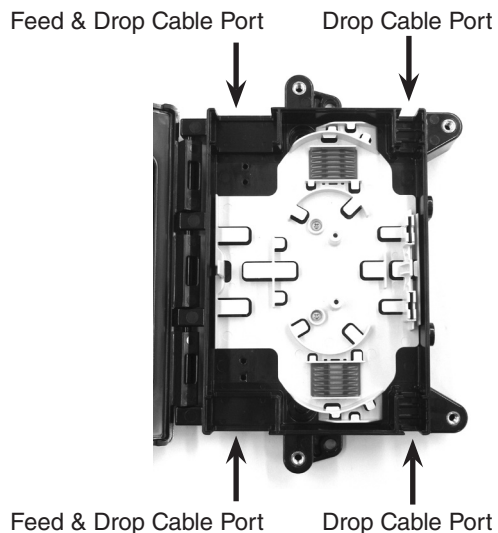|	COYOTE® DTC 4/6 Mounting Bracket Kits	
Catalog Number	Description	Kit Image
8004109	COYOTE DTC 4/6 Pole/Wall Mount Bracket Kit	
8004110	COYOTE DTC 4/6 Cable Storage Bracket Kit	
8004111	COYOTE DTC 4/6 Aerial Mounting Bracket Kit – Strand Applications	
8004112	COYOTE DTC 4/6 Aerial Mounting Bracket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

General Base Preparation

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

Self-Tapping
Screw Locations

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

Drop Cable Ports

Feed & Drop Cable Port   Drop Cable Port

Drop Cable Ports

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

Feed & Drop Cable Port   Drop Cable Port

Feed & Drop Cable Port   Drop Cable Port

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.

Lubricate Side
(Not Shown)   Lubricate Side

Install plug into hole   Lubricate Bottom
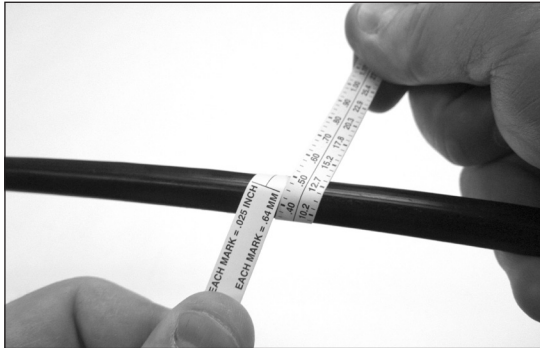   (Not Shown)
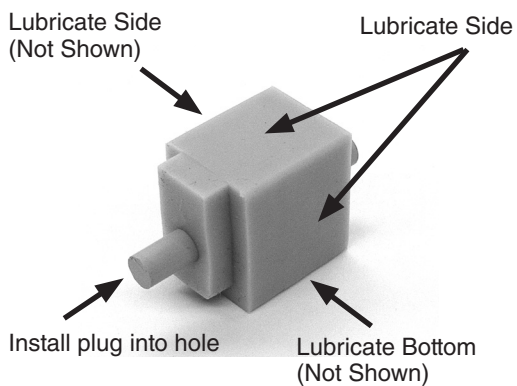
Step #5   Insert the grommet(s) with the plug(s) in any cable port(s) that will not be used.

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.
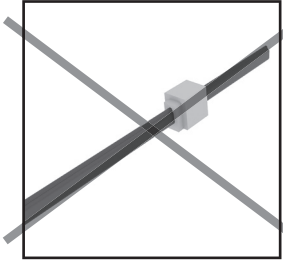
Small Grommets
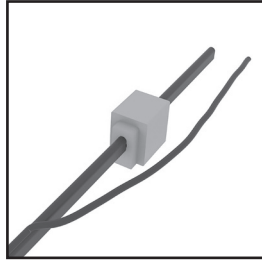

Large Grommets

3
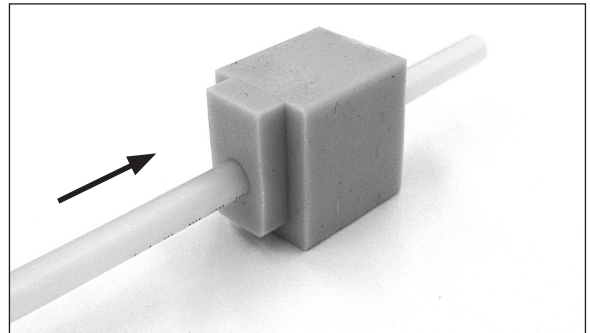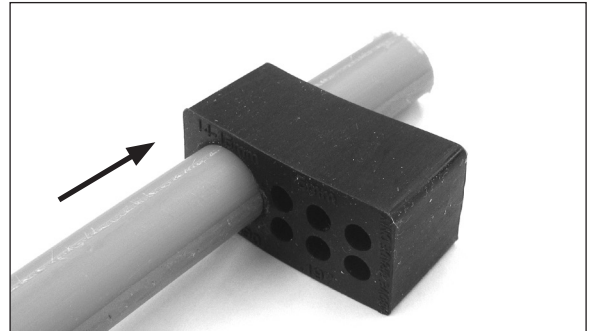
Step #8 If the duct is a Figure 8 style duct or has a tracer wire, remove the ground wire or tracer wire from the portion of the duct that will be positioned in the grommet and insert the duct into the grommet.
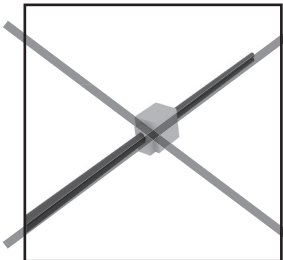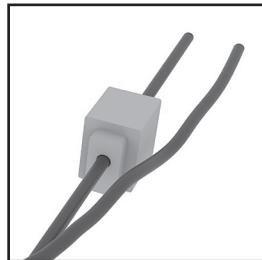
Duct with Tracer Wire

NOT CORRECT
INSTALLATION
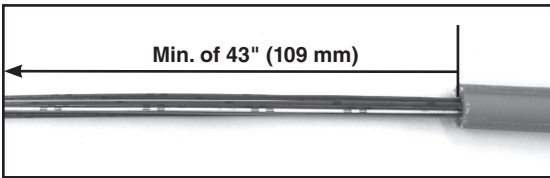
CORRECT
INSTALLATION

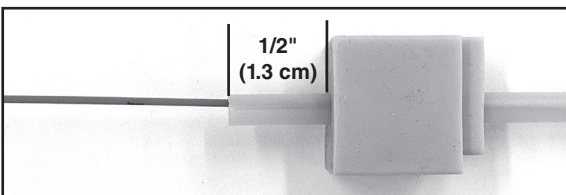### Figure 8 Style Cable

NOT CORRECT
INSTALLATION

CORRECT
INSTALLATION

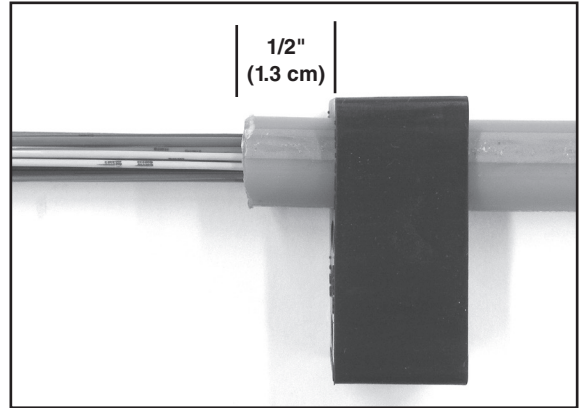**Step #9** Expose the fibers a minimum of 43" (109 cm) past the duct opening.

Min. of 43" (109 mm)

Step #10 Adjust each grommet as shown below.

Small Grommets

1/2"
(1.3 cm)

Step #10 Continued

Large Grommets

1/2"
(1.3 cm)

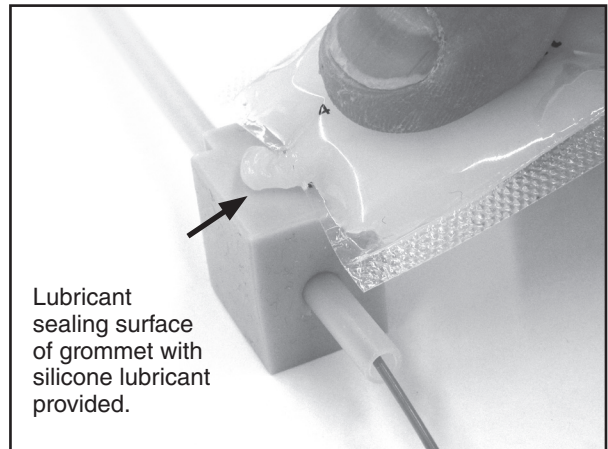### Preparation and Installation of Small and Large Grommets
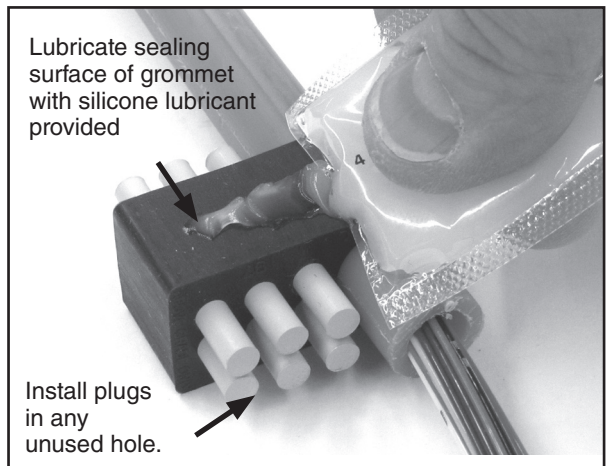

Step #11 Apply a light coating of lubricant to all outer surfaces of the grommet.

Small Grommets

Lubricant sealing surface of grommet with silicone lubricant provided.
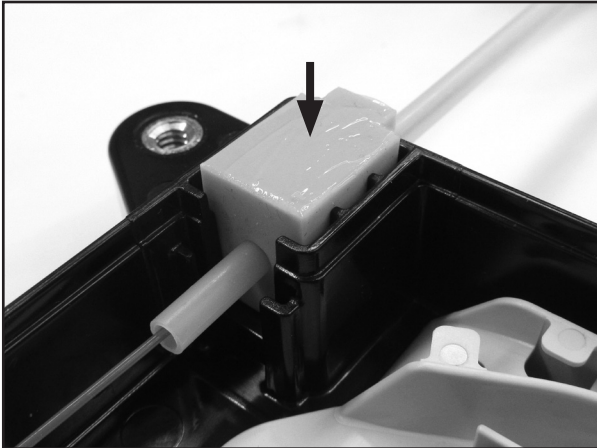
Large Grommets

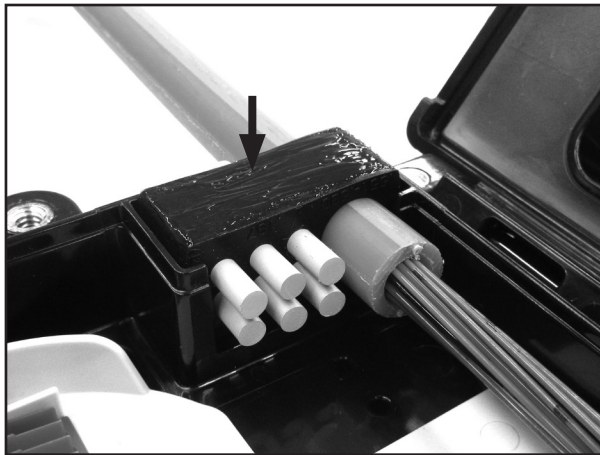Lubricate sealing surface of grommet with silicone lubricant provided

Install plugs in any unused hole.

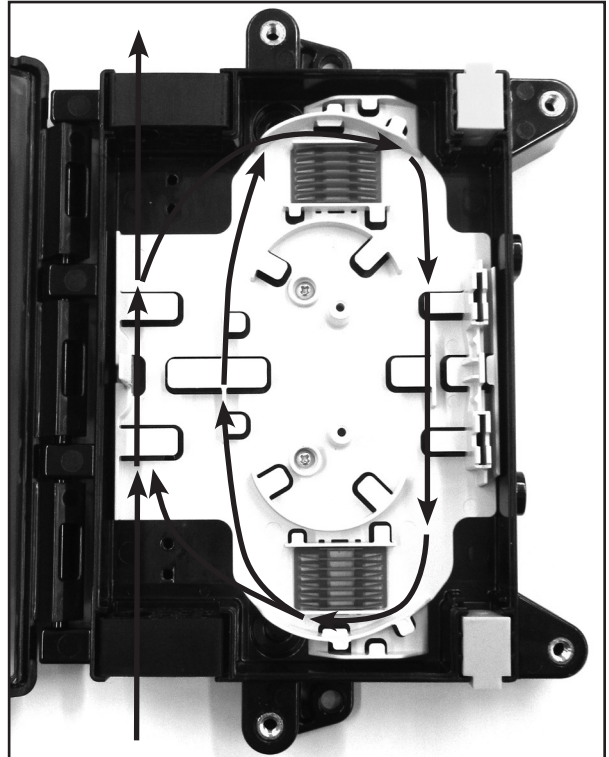**Step #12** Install the grommets into the grommet pocket.

Small Grommets

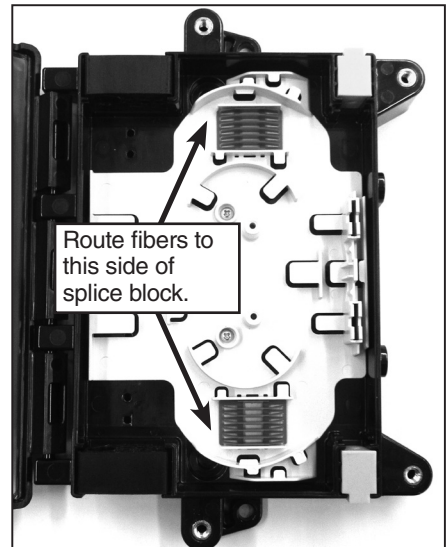

Large Grommets

Routing Fibers

Step #13 Route expressed fibers as shown below.

**Step #14** Route and splice fibers per your accepted company practice.

Cross-Connect Applications

Step #15 Route incoming and outgoing fibers to the side of the splice block facing the two cable ports, per your accepted company practice.
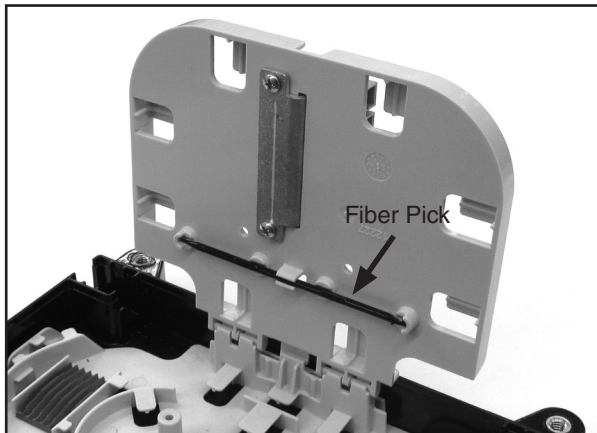

Route fibers to this side of splice block.
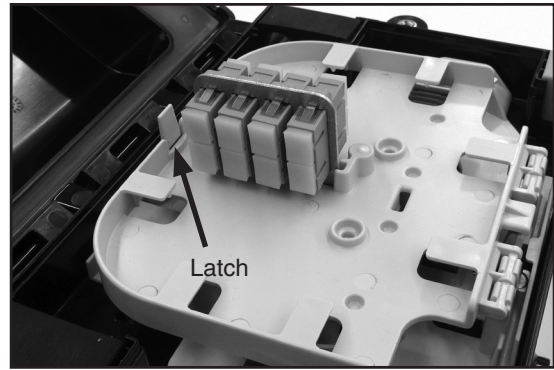
Cross-Connect Applications

Step #16   Install hinge of bulkhead tray into fiber organizer as shown.
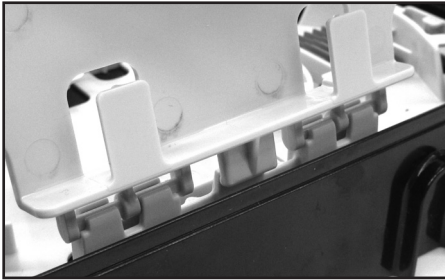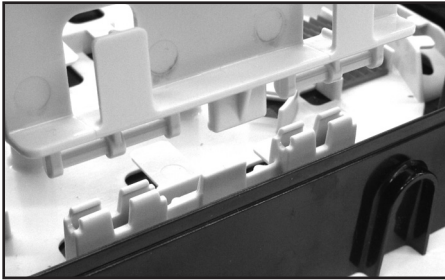
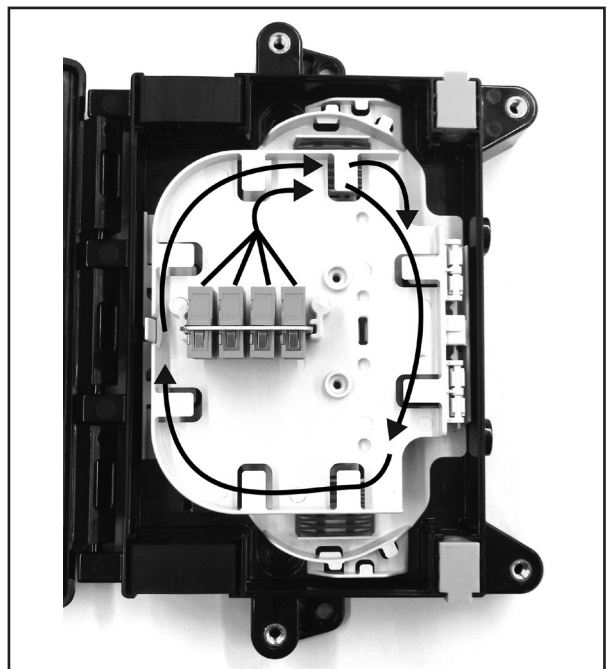**Step #17**   Store the fiber pick on the bottom side of the bulkhead tray.

Fiber Pick

Step #18   Latch the bulkhead tray into place.
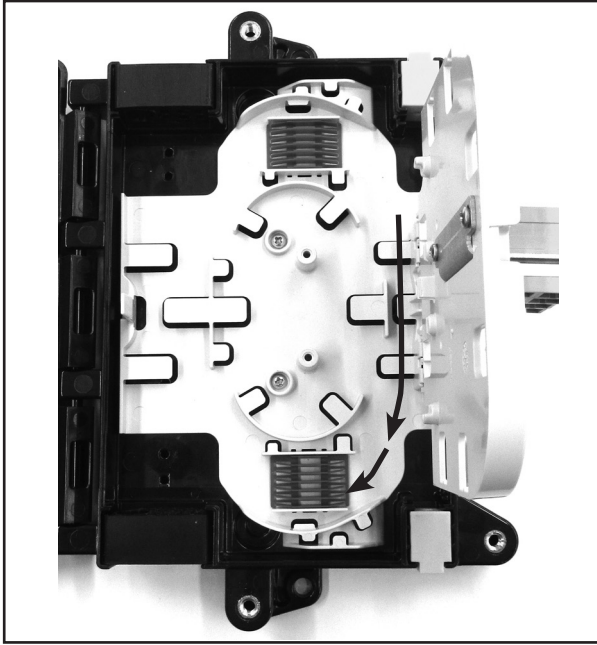

Latch

Step #19   Insert the pigtail connectors into the adapters of the bulkhead tray.
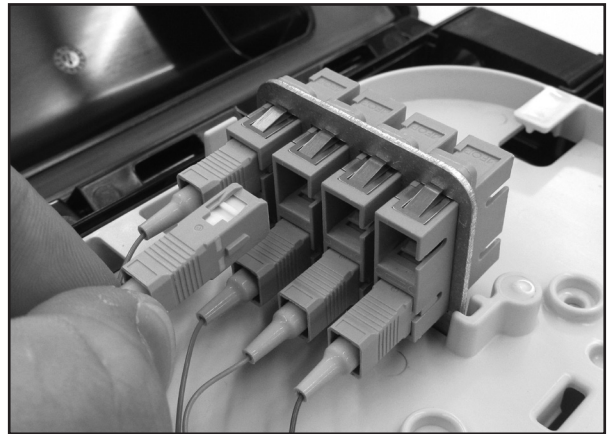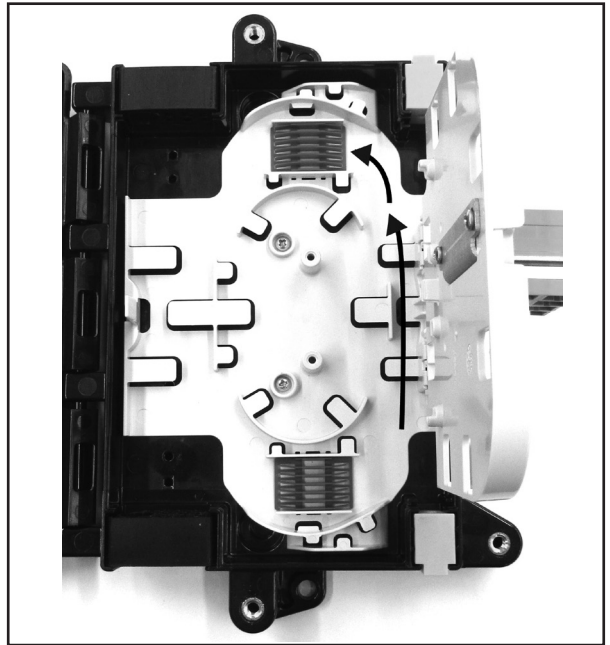

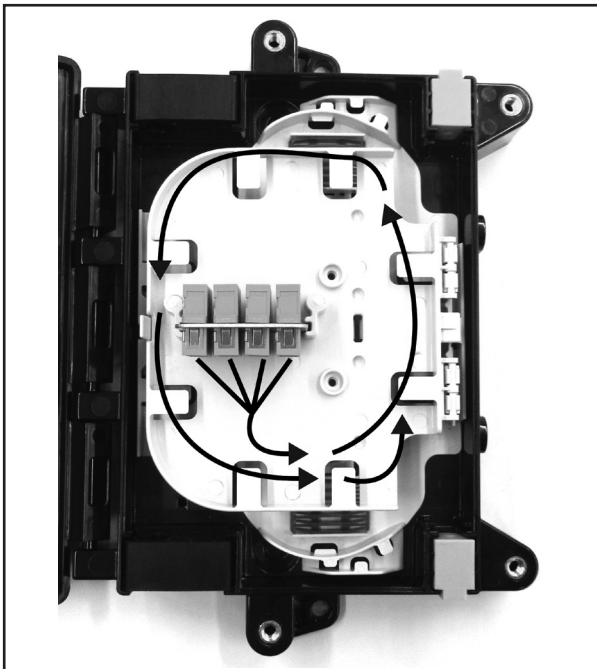**Step #20a** Route the pigtails for incoming fibers.

Step #20b Route the pigtails for incoming fibers.

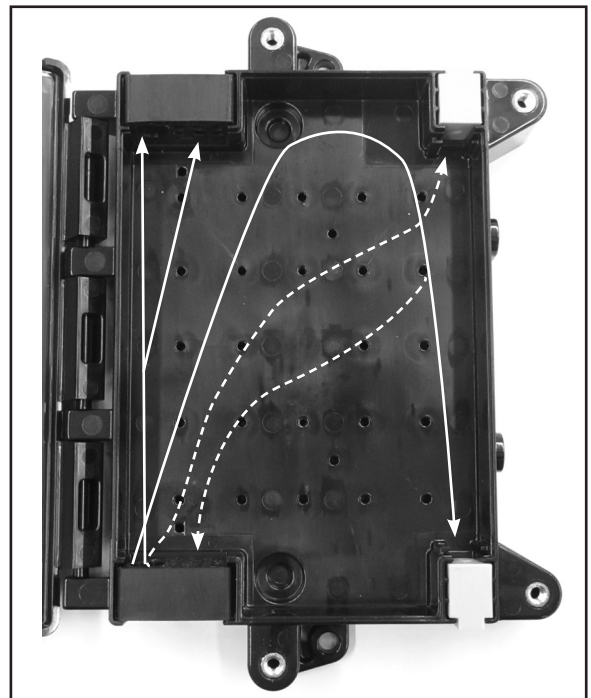**Step #21b** Route the pigtails for incoming fibers.

Step #21a Route the pigtails for outgoing fibers.

Step #22 Splice the matching fibers and the pigtail fibers (ex.: incoming fiber 1 to incoming pigtail fiber 1) per your accepted company practice.
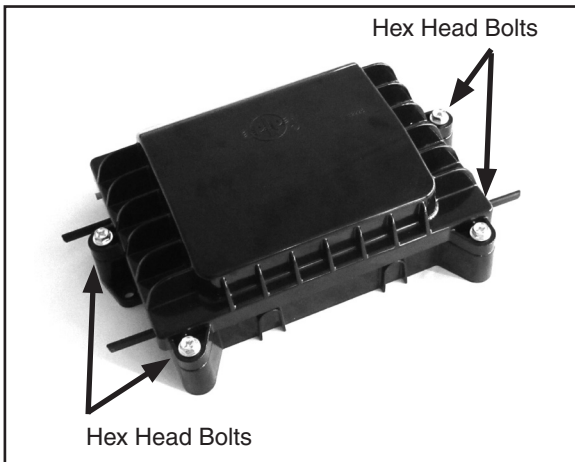
Duct Transition Applications

Step #23 Route the fibers from the incoming duct to the outgoing duct(s).

7

Cover Installation	Mounting Options

Step #24 Close the cover and secure it to the base by hand tightening the 4 hex head bolts.
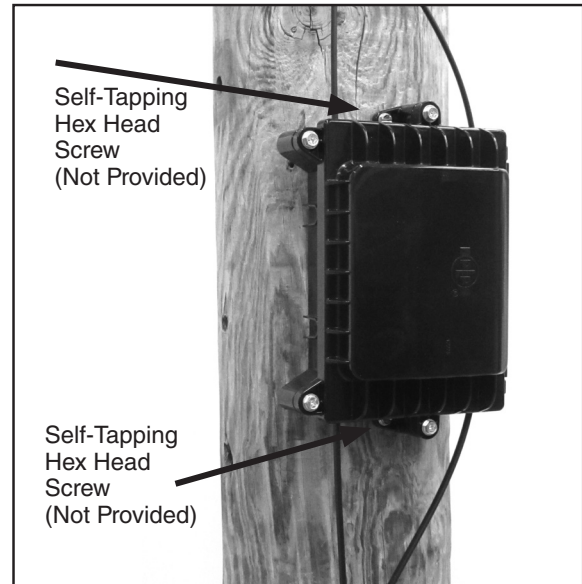
Hex Head Bolts

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.

Step #25 Pole/ Wall Mounting as shown below.

Self-Tapping Hex Head Screw (Not Provided)

Self-Tapping Hex Head Screw (Not Provided)

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.

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

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

PLP PREFORMED LINE PRODUCTS