

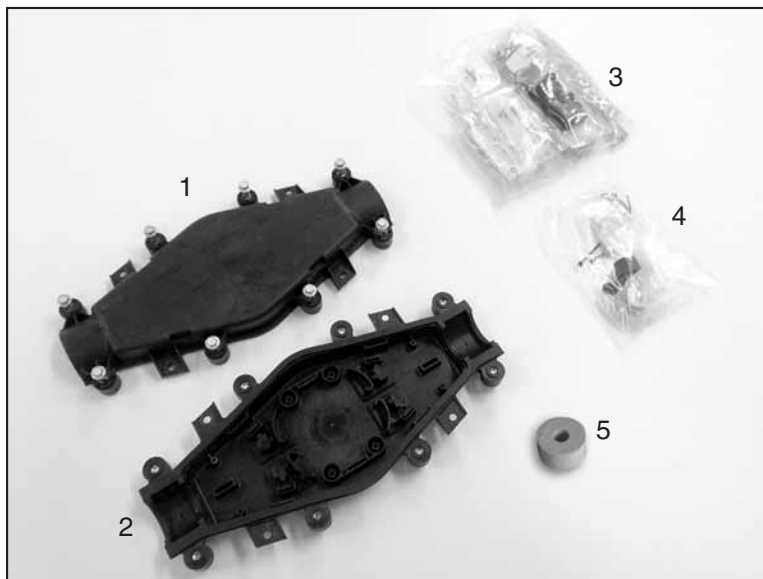


COYOTE® LCC (Low Count Closure)

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

NOMENCLATURE

1. Closure Cover (1)
2. Closure Base (1)
3. Small Parts Bag
4. Bobbin Kit
5. Grommets (2) per specification



Catalog No.	COYOTE LCC & COYOTE LCC Flame Retardant Closure Kits for Fiber*
COYLCC-F001	For Single Fusion. Includes: (1) 7-Hole Grommet: Cat. #8003676 and (1) 12-Hole Grommet: Cat. #8003796
COYLCC-F002	For Single Fusion. Includes: (1) Bobbin Kit, (1) 7-Hole Grommet: Cat. #8003676, and (1) 12-Hole Grommet: Cat. #8003796
COYLCC-F003	For Ribbon. Includes: (2) 2-Hole Grommets: Cat. #8003663
COYLCC-F004	For Single Fusion. Includes: (2) 7-Hole Grommets: Cat. #8003676
COYLCC-F005	For Single Fusion. Includes: (2) 2-Hole Grommets: Cat. #8003663
COYLCC-F006	For Single Fusion. Includes: (2) 4-Hole Grommets: Cat. #8003664
COYLCC-F007	For Single Fusion. Includes: (1) 7-Hole Grommet: Cat. #8003676 and (1) 8-Hole Grommet: Cat. #8003677
COYLCC-F008	For Single Fusion. Includes: (1) 1-Hole Grommet: Cat. #8003691 and (1) 8-Hole Grommet: Cat. #8003677
COYLCC-F009	For Single Fusion. Includes: (2) 12-Hole Grommets: Cat. #8003796
COYLCC-F010	For Single Fusion. Includes: (1) Bobbin Kit, (1) 1-Hole Grommet: Cat. #8003691 and (1) 12-Hole Grommet: Cat. #8003796












All Fiber Kits Include: (2) Grommets, (3) LITE-GRIP® Splice Blocks, (1) Splice Platform, (1) Dual Strength Member Bracket, (1) L Bracket, Fiber Management Clips and Misc. Hardware *For the COYOTE LCC Flame Retardant catalog numbers, insert "FR" into the catalog number code. Ex.: COYLCCFR-F001

Catalog No.	COYOTE LCC for Fiber Copper
COYLCC-C001	For Copper. Includes: (2) 1-Hole Grommets: Cat. #8003691
COYLCC-C002	For Copper. Includes: (2) 1-Hole Grommets: Cat. #8003692
COYLCC-C003	For Copper. Includes: (2) 1-Hole Grommets: Cat. #8003693
COYLCC-C004	For Copper. Includes: (1) 1-Hole Grommet: Cat. #8003691 and (1) 2-Hole Grommet: Cat. #8003663
COYLCC-C005	For Copper. Includes: (2) 4-Hole Grommets: Cat. #8003664

All Copper Kits Include: (2) Grommets, (2) MINI-MORAY™ Shield Connectors and (1) Bonding Strap

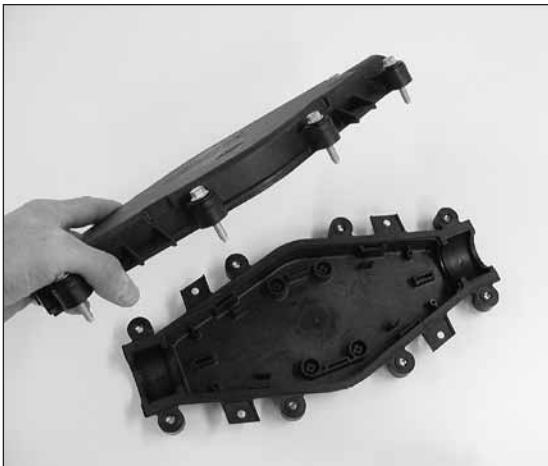
Catalog No.	COYOTE LCC Accessories
80808633	Strength Member Bobbin Kit
80809851	Dual Strength Member Bracket Kit
8003843	Strength Member "L" Bracket Kit
8003793	Splice Platform Kit for Single Fusion - includes 3 splice blocks
8003794	Splice Platform Kit for Ribbon - includes 3 splice blocks
Mounting Hardware	See Mounting Options, Step 42 thru 50.

COYOTE Grommet Chart

PLP Catalog Number	Cable Range Inches (mm)	Description	Splitting Location
8003691	.42 - .60 (11 - 15)	1-entry grommet	
8003692	.60 - .85 (15 - 22)	1-entry grommet	
8003693	.85 - 1.0 (22 - 25)	1-entry grommet	
8003663	.42 - .60 (11 - 15)	2-entry grommet	
8003664	.30 - .43 (8 - 11)	4-entry grommet	
8003990	.50 - .60 (12.7 - 15.2) .125 - .25 (3.2 - 6.4) and flat drop	4-entry grommet	
8003989	Flat Drop Only	4-entry grommet	
8003665	.125 - .25 (3 - 6)	6-entry grommet	
8003676	.42 - .60 (11 - 15) .125 - .25 (3 - 6)	7-entry grommet	
8003677	.125 - .25 (3 - 6)	8-entry grommet	
8003796	.125 - .25 (3 - 6)	12-entry grommet	

NOTE: Grommet Kit contains (1) Grommet, (1) Cable Measure Tape, (2) Silicone Lubricant Packs, (1) Set of Plugs and (1) Glove

Step #1 Remove cover from base.



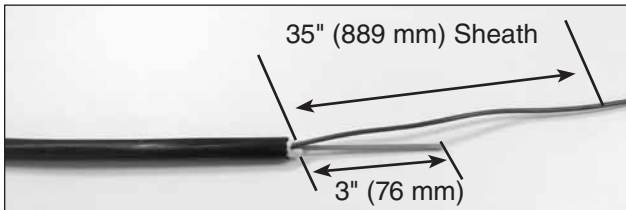
Step #2 Measure cable to determine diameter and select the proper grommet.



Step #3 Insert cable(s) through grommet.

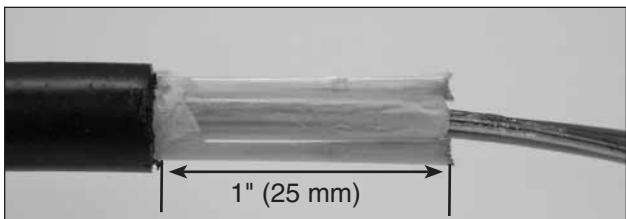
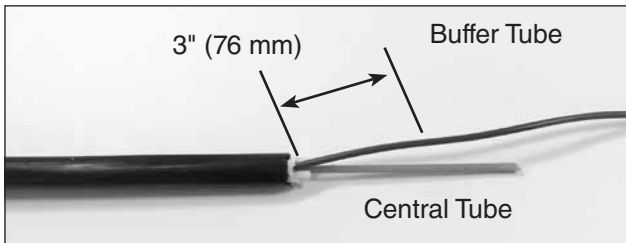


Step #4 Remove the cable sheath per your accepted company practices. Leave 3" (76 mm) of the strength member to trim later.



Configuration	Sheath Opening
Cut Cable	Min of 35" (889 mm)

Step #5 For buffer tube applications, mark the buffer tube 3" (76 mm) from the cable sheath opening. For ribbon applications, mark the central tube 1" (25 mm) from the cable sheath opening. Remove buffer tube or central tube per your accepted company practices.

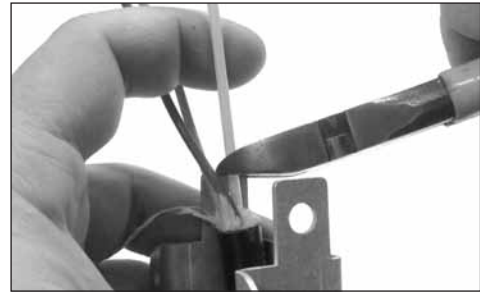


Dual Strength Member Bracket Installation

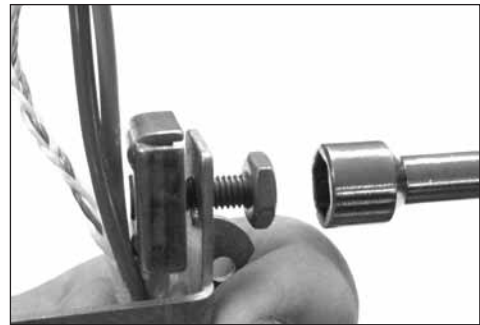
Step #6 Mark and remove buffer tube at 2-1/4".



Step #7 Align the strength member with the edge of the bracket (about 3/4") and trim.



Step #8 Attach cap and thread on nut, securing strength member.

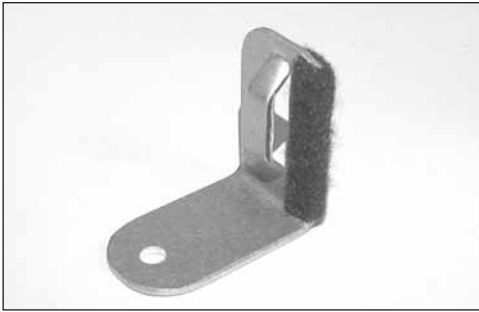


Step #9 Screw bracket into the base.



Cable Installation Using “L” Bracket

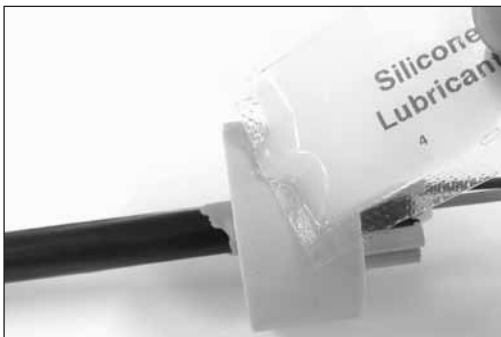
Step #10 Apply a small piece of blue felt to the edge of the “L” bracket facing the splice platform.



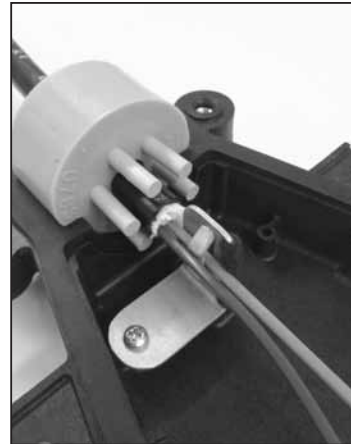
Step #11 Install “L” Bracket into the base of the closure with a screw.



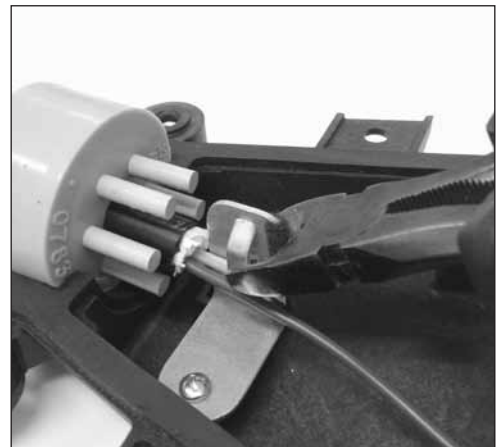
Step #12 Apply a thin layer of silicone lubricant to the outer surface of the grommet.



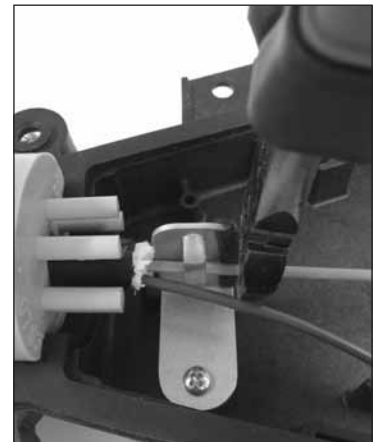
Step #13 Insert grommet into closure base and insert strength member of cable through the slot of the “L” bracket.



Step #14 Crimp “L” bracket with side cutters to secure strength member.

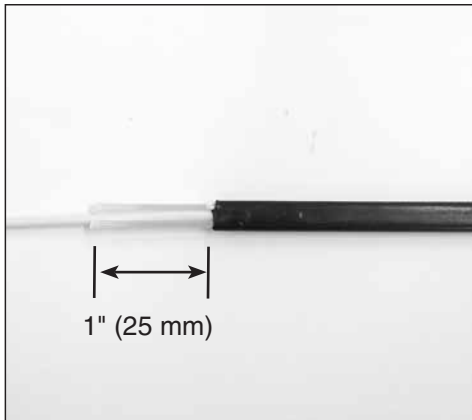


Step #15
Trim strength member flush with edge of “L” bracket.

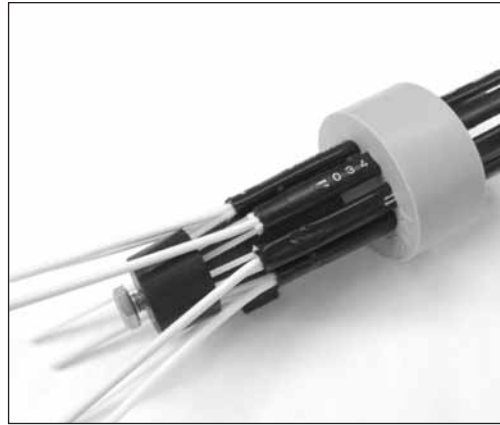


Flat Drop Cable Installation Using Bobbin

Step #16 Trim strength members to 1".



Step #19 While cap is loose, insert all strength members under cap.



Step #17 Mark and remove buffer tube at 2-1/4".



Step #20 Secure cable with hose clamp.



Step #18

Insert flat drop cables through outside ports of grommet. Insert plugs into the inner ports.



Step #21 Tighten cap.



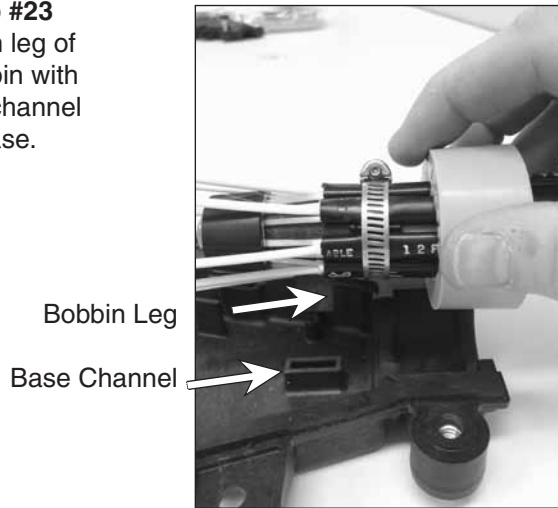
Step #22

Apply a thin layer of silicone lubricant to the outer surface of grommet.



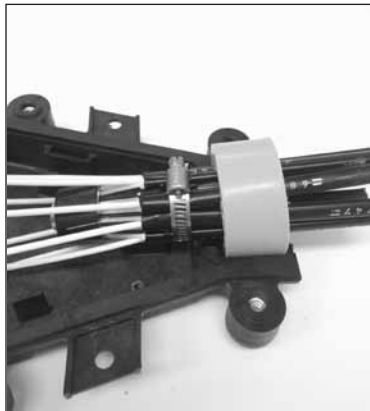
Step #23

Align leg of bobbin with the channel in base.



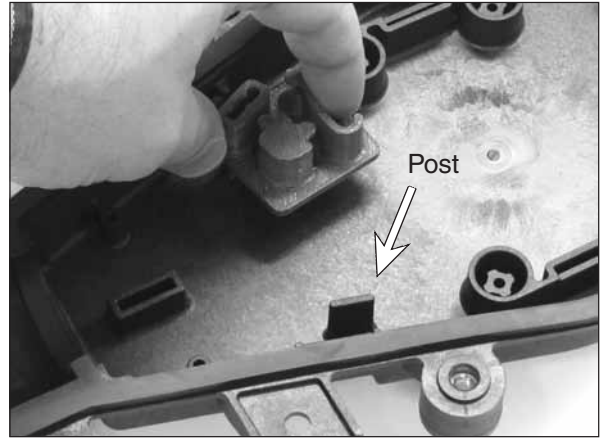
Step #24

Push down, making sure leg is fully seated in channel.

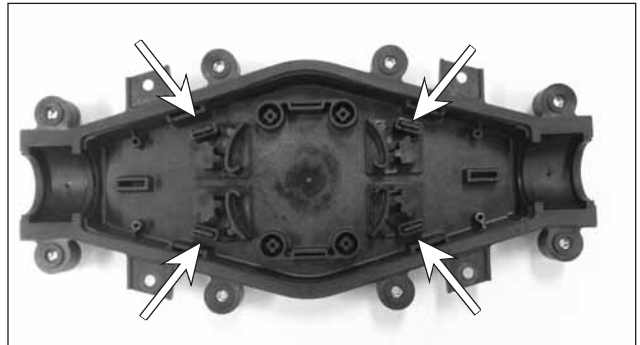


Installation of Routing Clips

Step #25 Push routing clip onto post in this orientation, as detailed below. There are 4 routing clips and 4 posts.

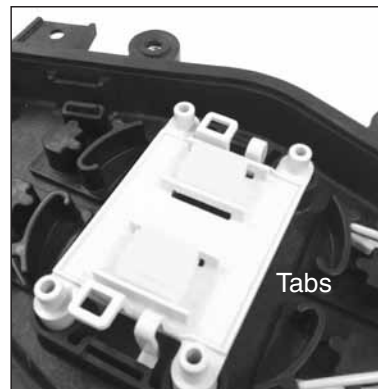


Step #26 Orientation after installation of all clips, shown below.

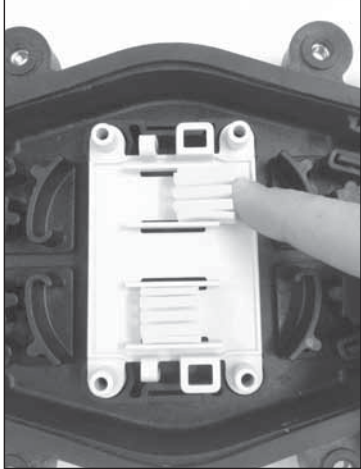


Installation of Splice Tray

Step #27 Squeeze both tabs of splice tray while pushing down and into place.

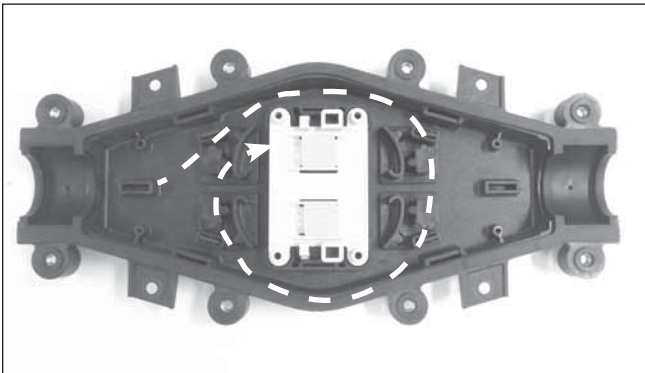


Step #28 Slide in yellow splice blocks from the side.

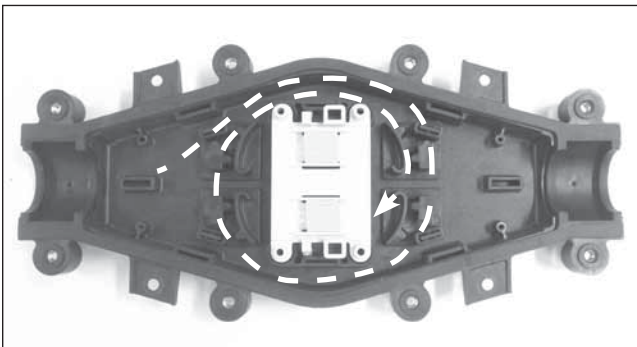


Routing for In-Line Splice Applications

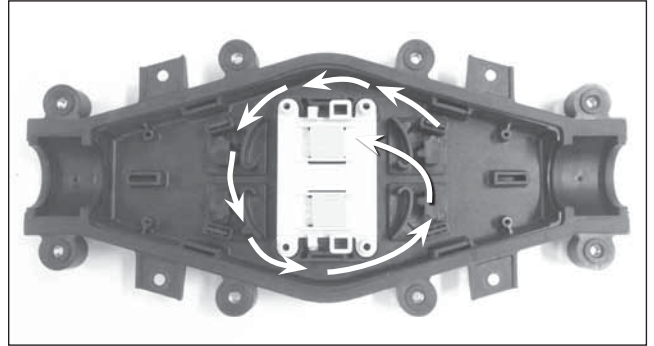
Step #29 Route INCOMING fibers 1 through 6.



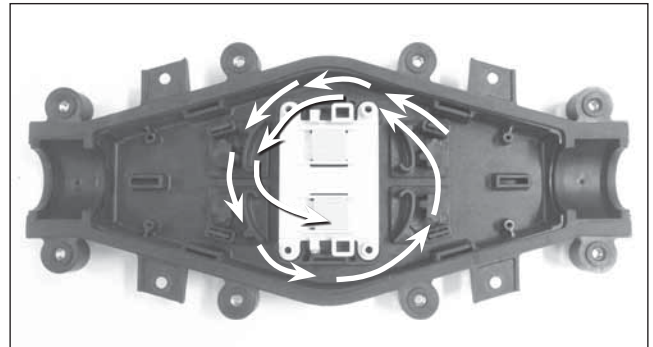
Step #30 Route INCOMING fibers 7 through 12.



Step #31 Route OUTGOING fibers 1 through 6.

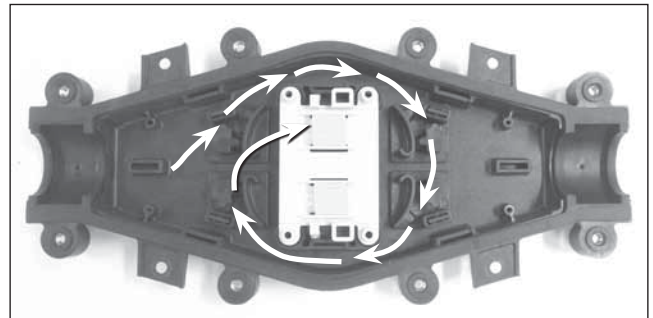


Step #32 Route OUTGOING fibers 7 through 12.

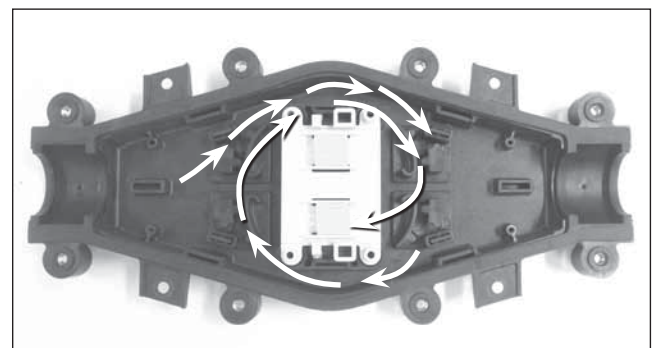


Routing for Butt Splice Applications

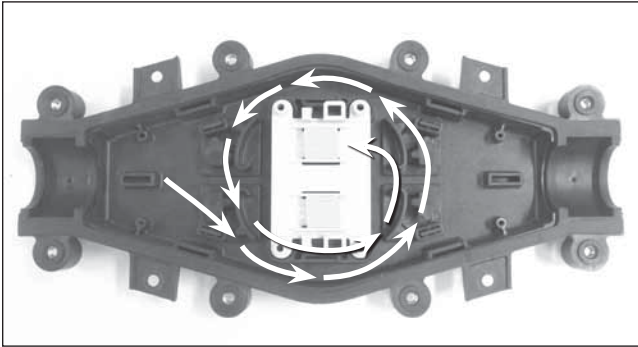
Step #33 Route INCOMING fibers 1 through 6.



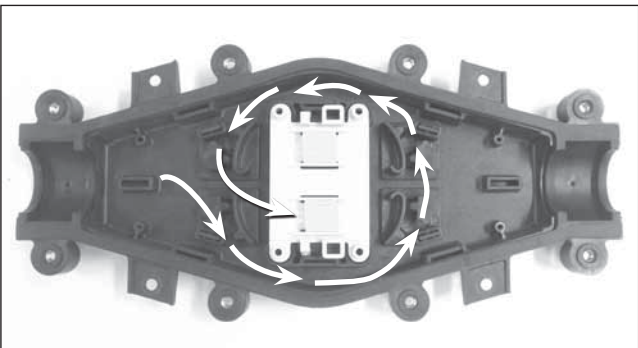
Step #34 Route INCOMING fibers 7 through 12.



Step #35 Route OUTGOING fibers 1 through 6.

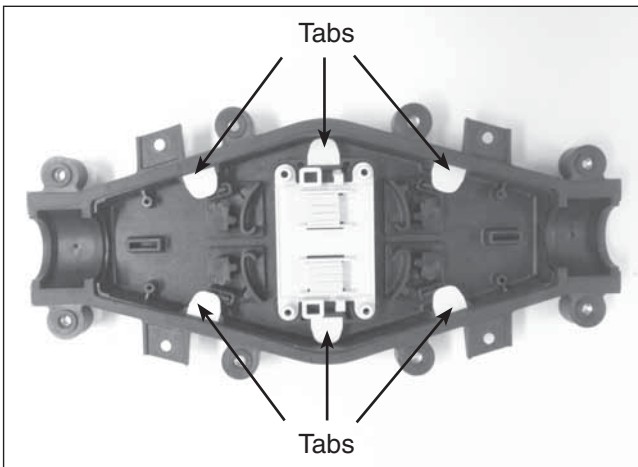


Step #36 Route OUTGOING fibers 7 through 12.



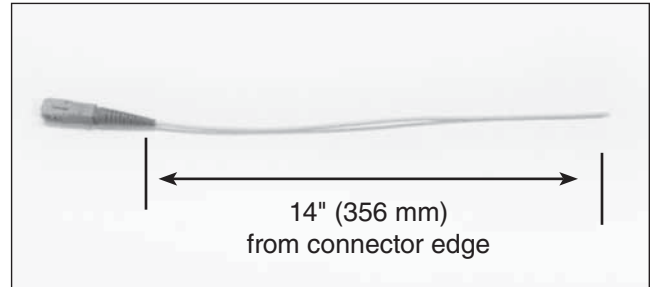
Inserting Capture Tabs

Step #37 Insert the 6 capture tabs into the channels.



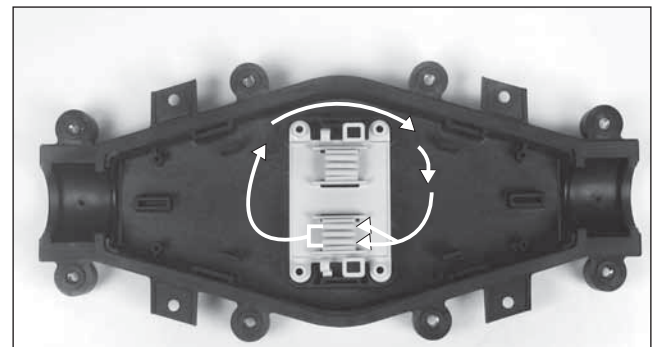
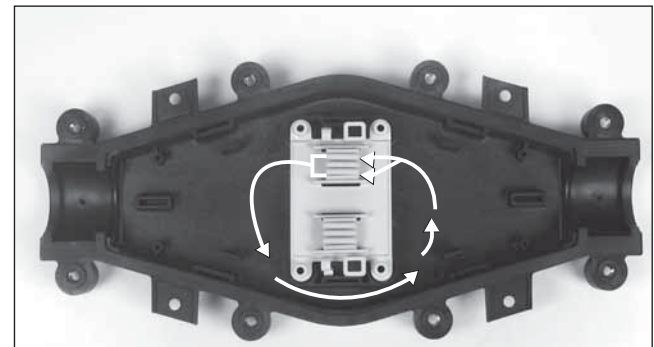
Cross-Connect Application

Step #38 Measure and mark pigtails. Remove the pigtail jacket and Kevlar® yarn beyond this mark.

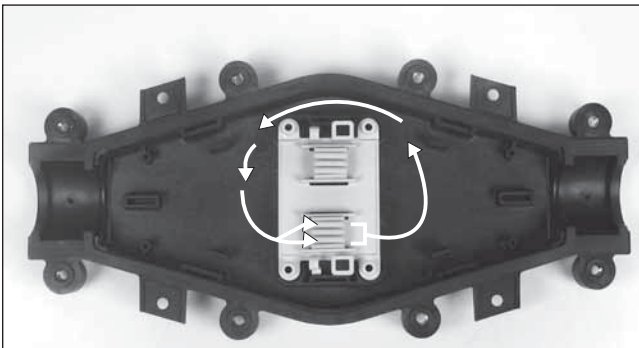
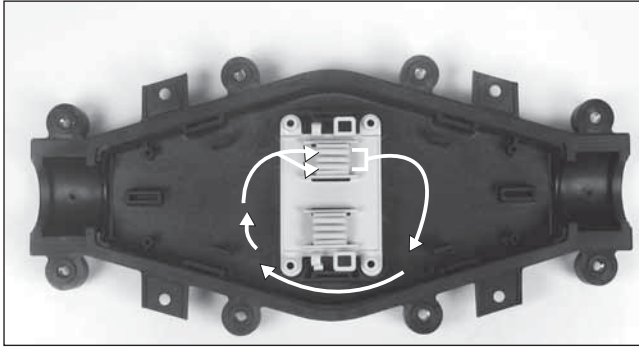


Step #39 Splice incoming and outgoing fibers to pigtails per your accepted company practice.

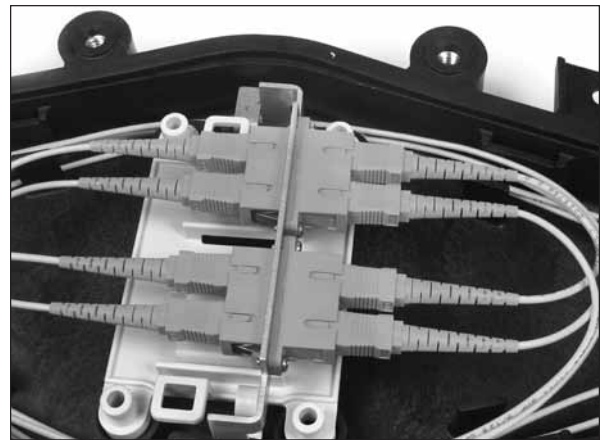
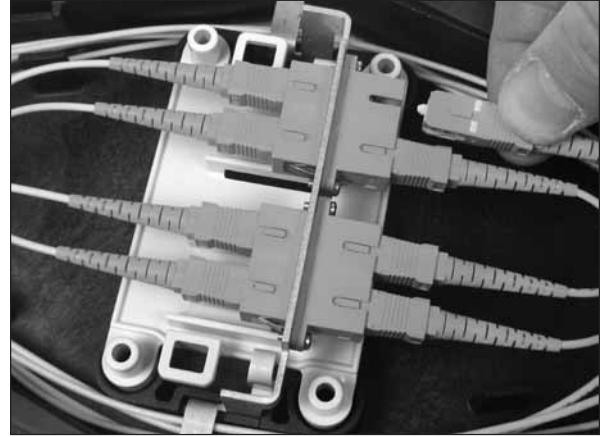
Step #40 Route and connect incoming pigtails to adapters.



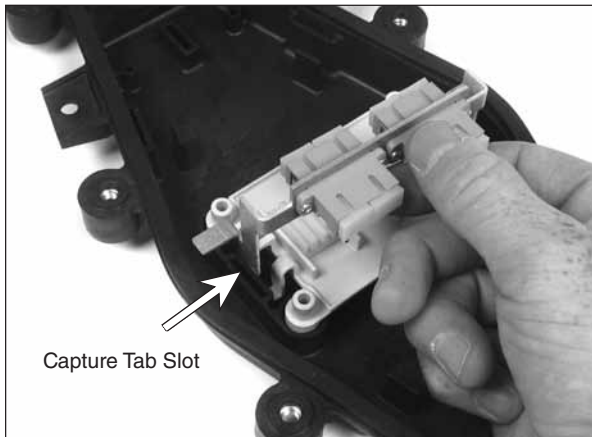
Step #41 Route and connect outgoing pigtails to adapters.



Step #43 Install connectors into adapters.



Step #42 Install bulkhead into middle capture tab slots in the base.



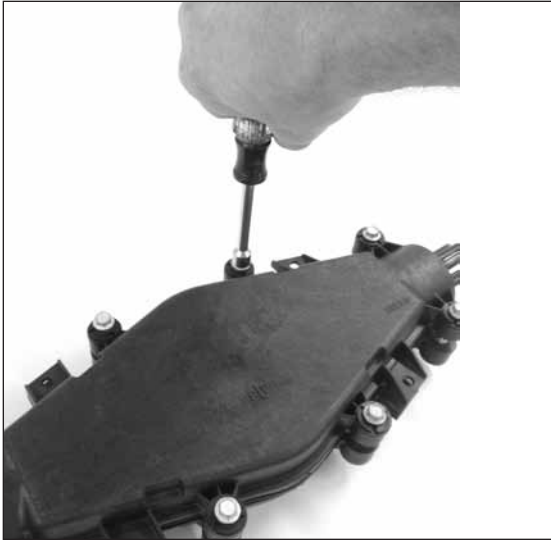
Installing Cover

Step #44 Apply a thin layer of silicone lubricant to all sealing surfaces of base and cover.

Lubricate all sealing surfaces of both closure components.



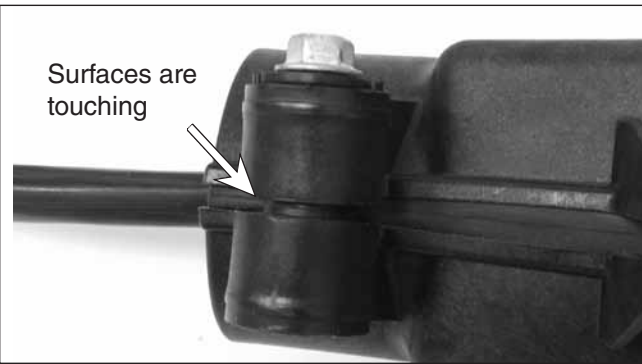
Step #45 Tighten the 8 bolts by hand using a can wrench or nut driver.



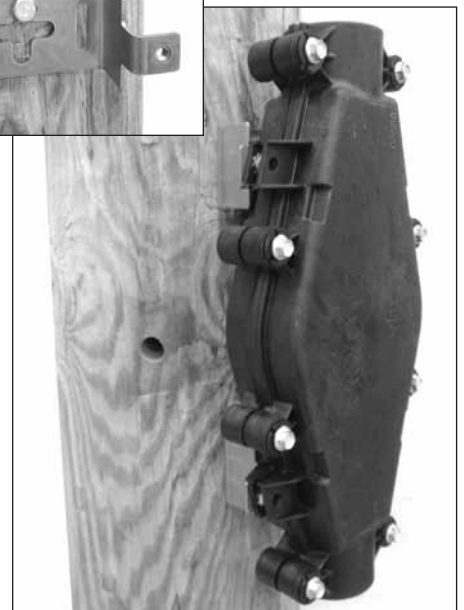
Step #48 Thread bolts through base only, attaching it to the mount. Then attach cover.



Step #46 Cover and base surfaces will touch when fully assembled. Sealing surfaces will bulge out as material is compressed.

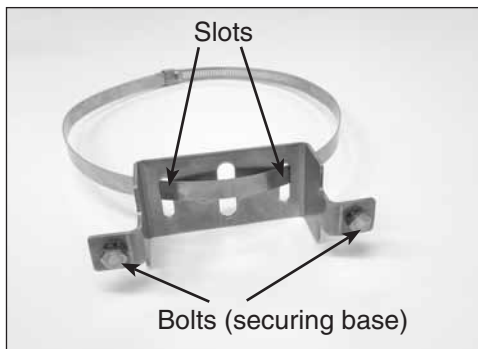


Step #49 Pole/Wall Mount - Bolted Bracket Kit PN: 8003830
Secure bracket using bolts.



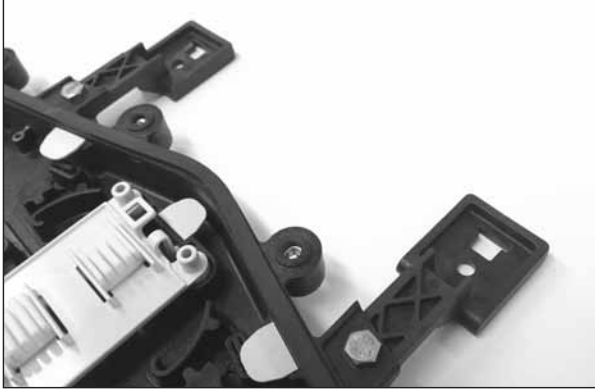
Mounting Options

Step #47 Pole/Wall Mount - Strapped Bracket Kit PN: 8003830
Loop strap through the slots.



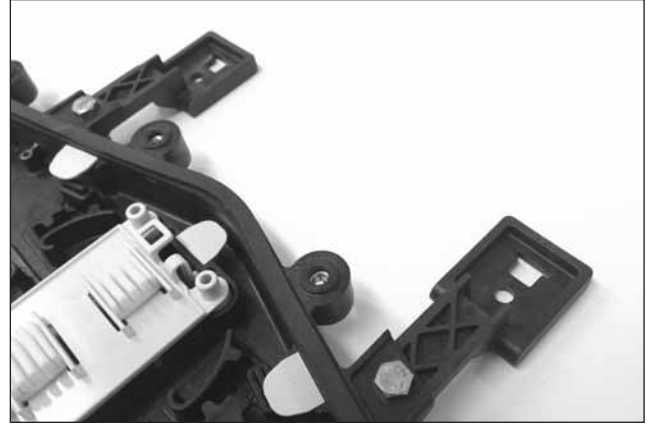
**Step #50 COYOTE Universal Mounting Hanger Bracket for Aerial Applications for Strand Mount – PN: 8003832
For ADSS – PN: 8003835**

Secure the hanger brackets to the back side of the tabs on the base using nuts and bolts.

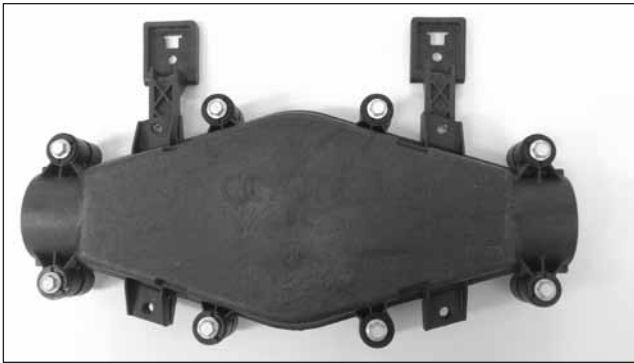


**Step #53 COYOTE Universal Mounting Bracket for Hand Hole Applications.
Bracket Kit PN: 8003835**

Secure the hanger brackets to the back side of the tabs on the base using nuts and bolts.



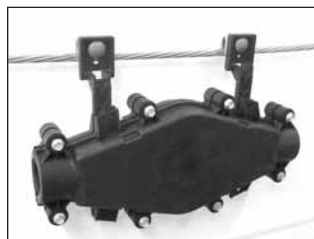
Step #51 Attach and tighten cover to base.



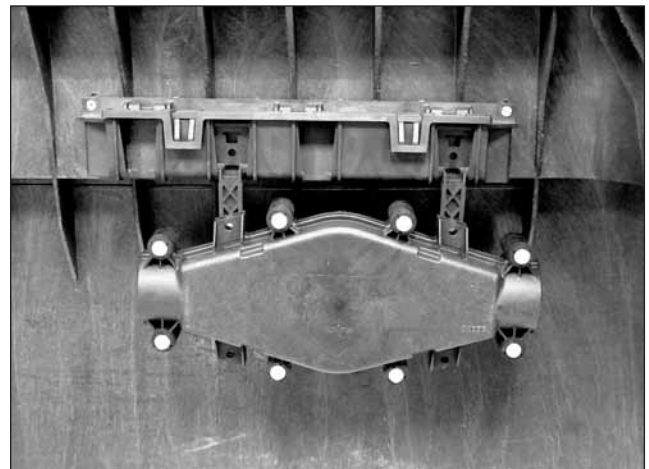
Step #54 Attach and tighten cover to base.



Step #52 Secure the closure to the strand by tightening the bug nuts.



Step #55 Slide hanger brackets into the proper slots of the hand hole bracket and snap the hinged lid into place.



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.



PREFORMED LINE PRODUCTS

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