



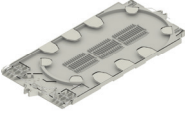
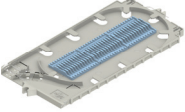
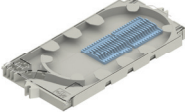
Transition of a COYOTE® 8.5" x 22" Closure into a COYOTE 9.5" x 28" Dome Closure

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























TOOLS REQUIRED

- 3/8" & 7/16" sockets or can wrench
- 1/4" Nut driver
- Pliers
- Flat Head Screwdriver
- Knife
- Sand Paper
- Snips

COYOTE Splice Tray Capacity						
PLP Catalog Number	Description	Image	Closure		Max Trays per Closure	Closure Max Splice Capacity
8001127	Long Low Profile Splice Tray (36 Single Fusion)		COYOTE 8.5" x 22"	Buffer	11 Trays	396
				Ribbon	11 Trays	396
			COYOTE 9.5" x 28" Dome Closure	Buffer	12 Trays	432
				Ribbon	16 Trays	576
8080514	Long Standard Profile Splice Tray (36 Single Fusion)		COYOTE 8.5" x 22"	Buffer	8 Trays	288
				Ribbon	8 Trays	288
			COYOTE 9.5" x 28" Dome Closure	Buffer	10 Trays	360
				Ribbon	11 Trays	396
80805115	Long Deep Profile Splice Tray (144 Mass Fusion)		COYOTE 8.5" x 22"	Buffer	N/A	N/A
				Ribbon	2 Trays	288
			COYOTE 9.5" x 28" Dome Closure	Buffer	N/A	N/A
				Ribbon	8 Trays	1152
				Max Tray	10 Trays	1440

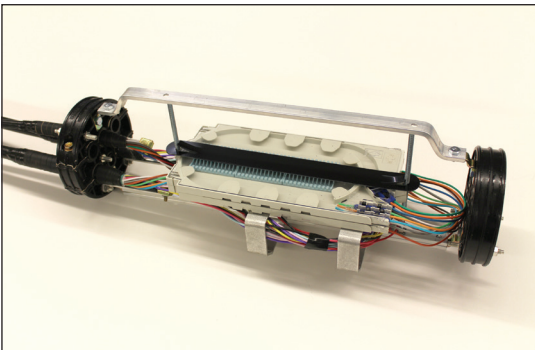
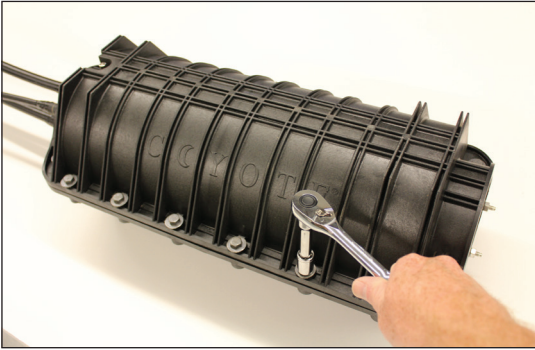
COYOTE® 9.5" x 28" Dome Closure Kits	
PLP Catalog Number	Description
80061055	COYOTE 9.5" x 28" Dome Closure for Buffer Tube Applications. Includes (1) Organizer Assembly with 7-Port End Plate, (1) Collar, (1) Dome, (1) Gasket, (2) 1-Hole Grommets - .60"-.85", (2) 1-Hole Grommet .85"-1.00", and Cable Restraint Hardware
80061056	COYOTE 9.5" x 28" Dome Closure for Unitube/Ribbon Applications. Includes (1) Organizer Assembly with 7-Port End Plate, (1) Collar, (1) Dome, (1) Gasket, (2) 1-Hole Grommets - .60"-.85", (2) 1-Hole Grommet .85"-1.00", (1) Transition Tube Kit, (2) Transport Tube Kits and Cable Restraint Hardware
80061057	COYOTE 9.5" x 28" Dome Closure for Buffer Tube Applications (Max Tray Organizer). Includes (1) Organizer Assembly with 7-Port End Plate, (1) Collar, (1) Dome, (1) Gasket, (2) 1-Hole Grommets - .60"-.85", (2) 1-Hole Grommet .85"-1.00", and Cable Restraint Hardware
Accessory Kits for COYOTE 9.5" x 28" Dome Closure	
80061335	Deep Slack Basket (2.05" Deep) Kit for up to 576 Expressed Ribbon Applications
80061495	Deep Slack Basket (2.85" Deep) Kit for up to 864 Expressed Ribbon Applications
COYEPFIX1	End Plate Assembly Fixture for 6.5" and 9.5" Domes
80061201	Breakaway Bonding Plate for 9.5" Domes
80809205	Strength Member Bracket Kit – Includes (2) Short L-Brackets
800015236	Strength Member Bracket Kit – Includes (3) Long L-Brackets and (3) Hose Clamps
80808651	Strength Member Bracket Kit – Includes (4) Long L-Brackets
80808878	Large Strength Member Adapter Kit
80811036	6-Port Drop Cable Retention Bobbin Kit
80811037	4-Port Cable Retention Bobbin Kit
80812928	6/8-Port Drop Cable Retention Bobbin Kit
Mounting Brackets for COYOTE 9.5" x 28" Dome Closure	
8003940	Aerial Mounting Bracket – Strand Applications
8004037	Adjustable Offset Aerial Mounting Bracket – Strand Applications
8003869	Aerial Mounting Bracket – ADSS Applications
8004038	Adjustable Offset Aerial Mounting Bracket – ADSS Applications
8003942	Pole/Wall Mounting Bracket
8003835	Universal Mounting Bracket – Handhole Applications
8003941	Swing Arm for Handhole Applications
8004003	Manhole Support

COYOTE Grommet Chart for COYOTE 9.5" x 28" Dome Closures

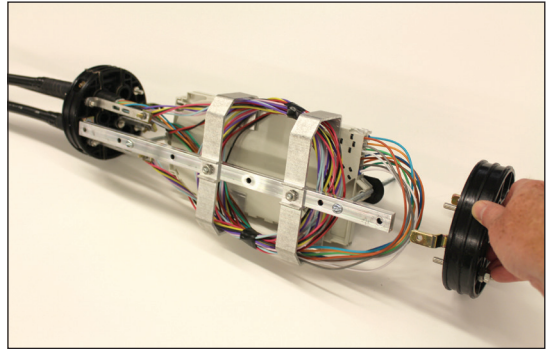
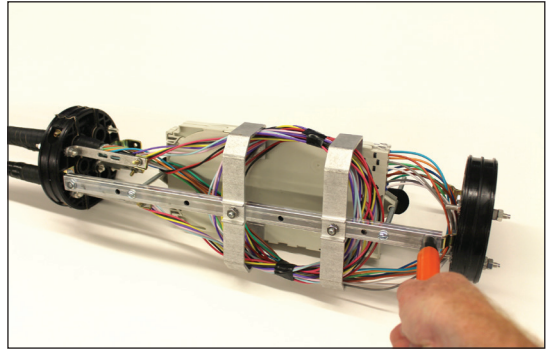
PLP Catalog Number	Cable Range Inches (mm)	Description	Image	Slitting Location
8003691	.40" - .60" (10.2 - 15.2 mm)	1-entry grommet		
8003692	.60" - .85" (15.2 - 21.6 mm)	1-entry grommet		
8003693	.85" - 1.0" (21.6 - 25.4 mm)	1-entry grommet		
8003694	1.0" - 1.25" (25.4 - 31.8 mm)	1-entry grommet		
8003663	.42" - .60" (10.7 - 15.2 mm)	2-entry grommet		
8004065	.250" - .312" (6.4 - 7.9 mm)	4-entry grommet		
8003664	.30" - .43" (7.6 - 10.9 mm)	4-entry grommet		
8003990	.50" - .60" (12.7 - 15.2 mm) .125" - .25" (3.2 - 6.4 mm) and flat drop	4-entry grommet		N/A
8003665	.125" - .25" (3.2 - 6.4 mm) and flat drop	6-entry grommet		
8003676	.42" - .60" (10.7 - 15.2 mm) .125" - .25" (3.2 - 6.4 mm) and flat drop	7-entry grommet		
8004094	.093" - .125" (2.4 - 3.2 mm)	8-entry grommet		
8003677	.125" - .25" (3.2 - 6.4 mm) and flat drop	8-entry grommet		N/A

Removal from COYOTE 8.5" x 22"

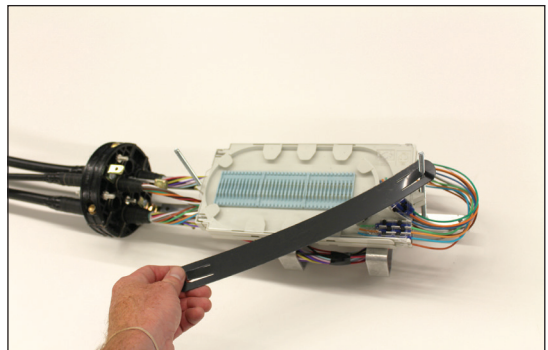
Step #1 Remove the shells by loosening the bolts.



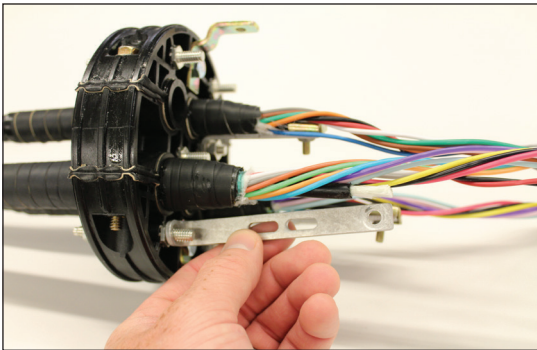
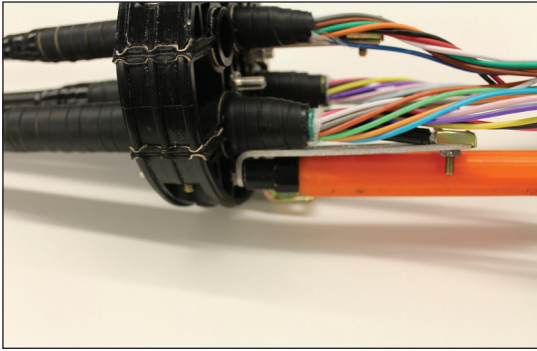
Step #2 Loosen the bolts on the torque bars. Remove the blank end plate when loose.



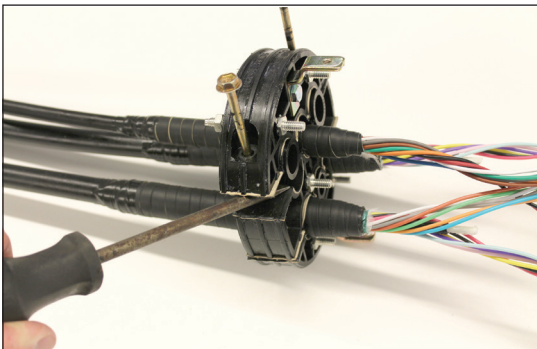
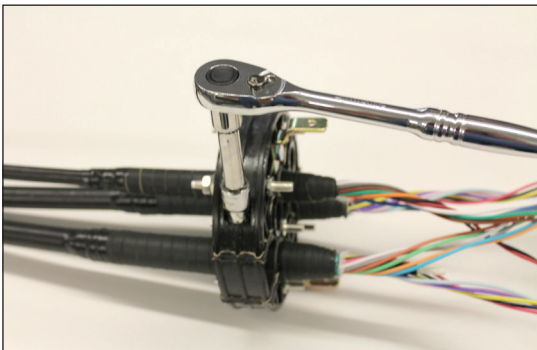
Step #3 Remove the hold down strap from the splice tray studs.



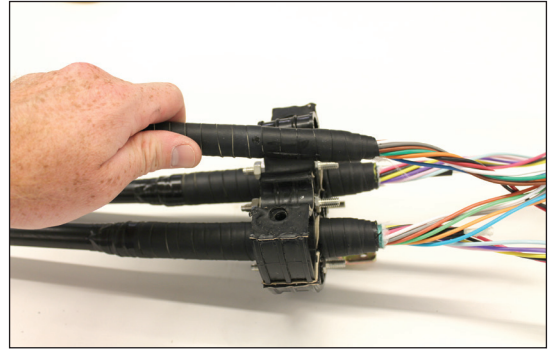
Step #4 Remove the existing cable restraint hardware.



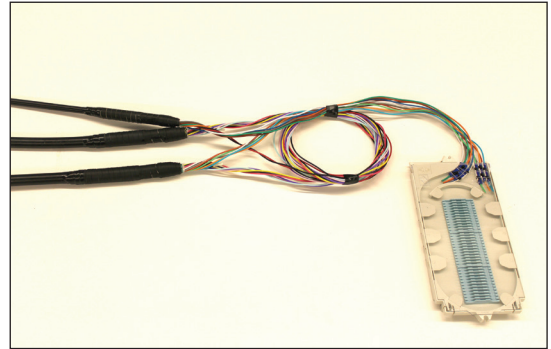
Step #5 Loosen end plate bolts and carefully pry off the top section of the end plate with a flathead screwdriver.



Step #6 Carefully lift and twist the cables to free them from the end plate. Repeat this process until all cables are free from the end plate.

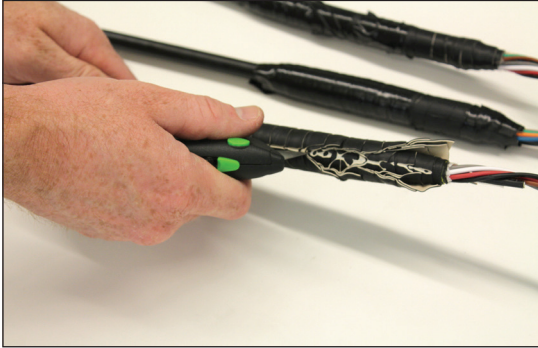


Step #7 Completely remove the cables, routed fibers and splice tray from the closure.



Cable Preparation

Step #8 Carefully remove the DR tape by cutting the tape with a blade. Be sure not to pierce the cable sheath.



Step #9 Peel off the remaining DR tape and sand away any debris left on the cable sheath.



Step #10 Measure 6.5" from the current sheath opening and reopen the cable at this mark.



Step #11 Repeat this process for any additional cables.

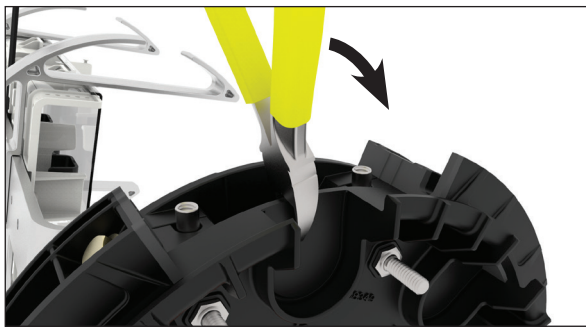
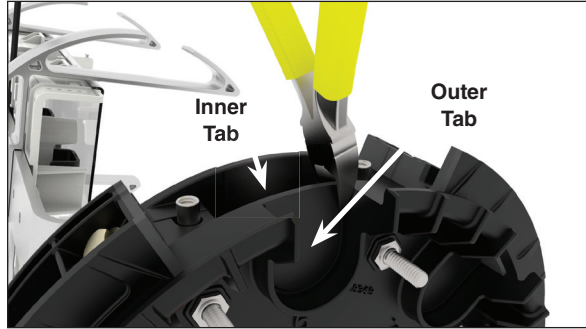
Installation of the Cable in the COYOTE 9.5" x 28" Dome Closure

Step #12 Determine which cable ports will be used and mark the respective breakout tabs of the end plate.

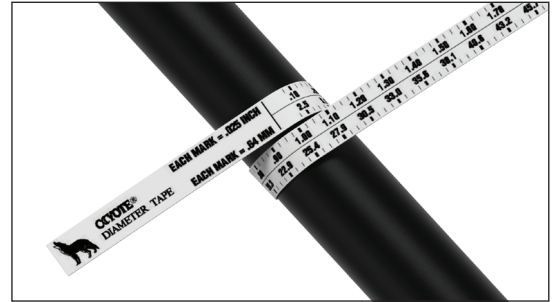


NOTE: If cables are routed in bottom storage brackets, use cable ports 4 & 5. If cables are routed in side storage brackets, use cable ports 3 & 6.

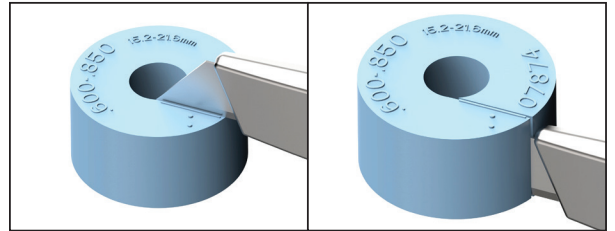
Step #13 Remove the end plate caps from the selected cable ports. Break out the outer and inner tabs of each cable port by snipping the grooves on both sides of each tab with side cutters. Once the grooves have been snipped, remove each tab by pulling the tab outwards from the end plate.



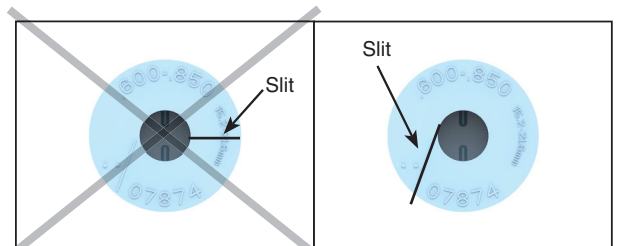
Step #14 Measure cable to determine diameter and hole location to use in grommet.



Step #15 Grommet Slitting – If slitting is required, lay grommet on a stable flat surface. Position utility knife with the cutting edge against the top surface and cut through the grommet.



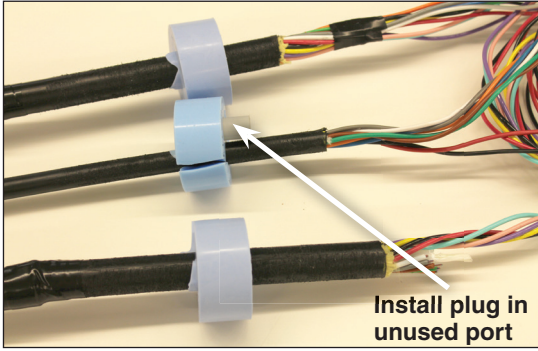
PLP Tip: Use a pen to sketch slitting lines on top surface of grommet prior to cutting.



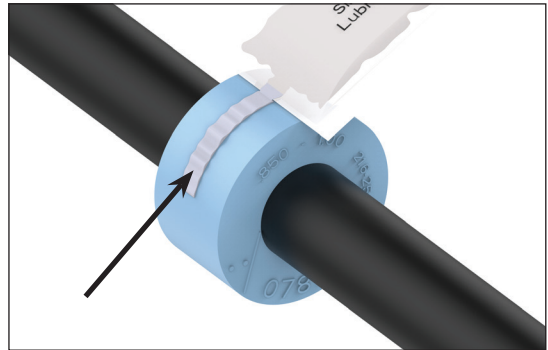
NOT CORRECT Slitting Angle

CORRECT Slitting Angle

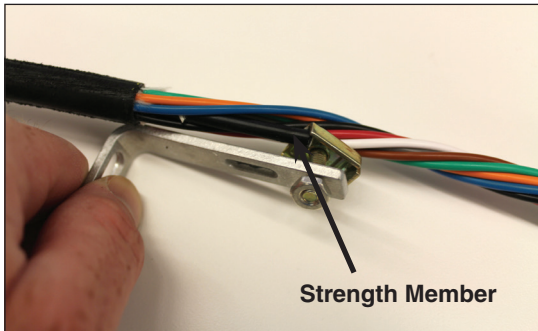
Step #16 Apply the slit grommet onto the cable. Be sure to install a plug in any unused ports.



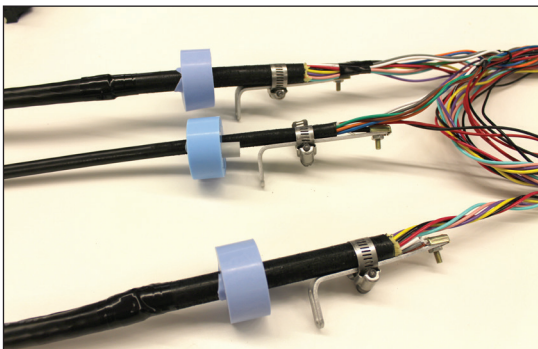
Step #19 Lubricate the sealing surface of the grommet with the silicone lubricant that is provided.



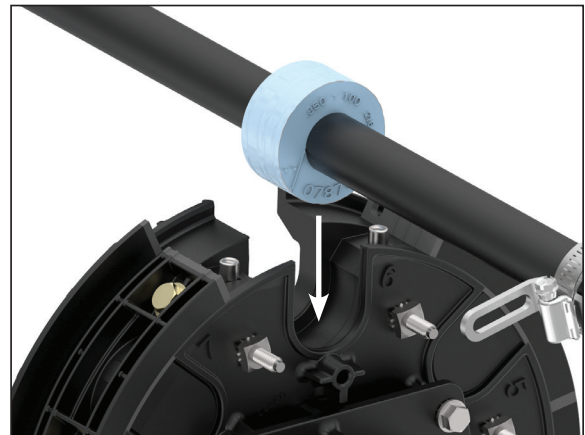
Step #17 Position the strength member under the cap of the strength member bracket and tighten the nut.



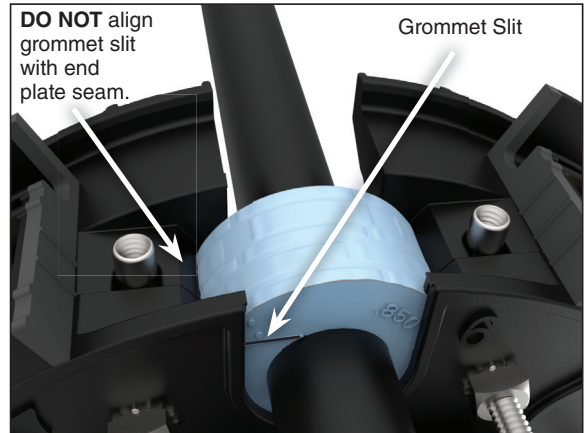
Step #18 Secure the cable to the strength member bracket with a hose clamp.



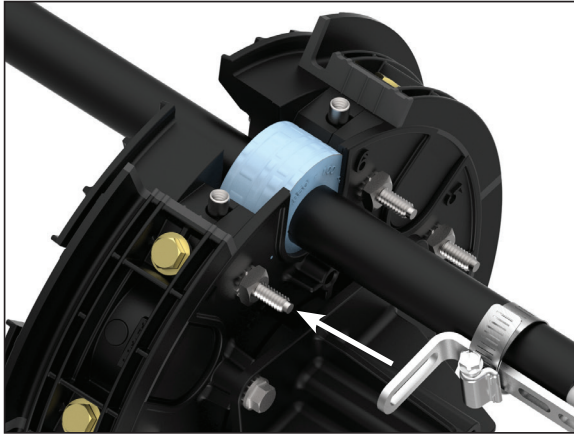
Step #20 Position the grommet in the end plate slot.



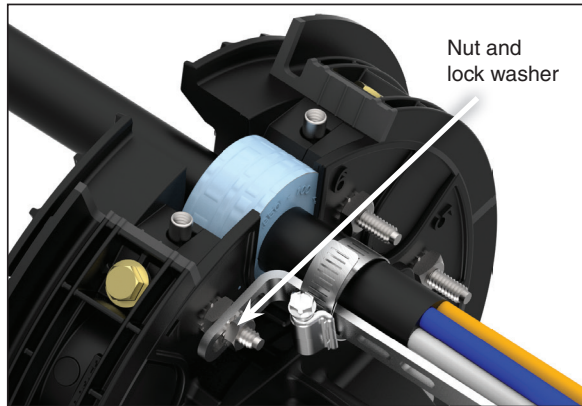
DO NOT align grommet slit with end plate seam.



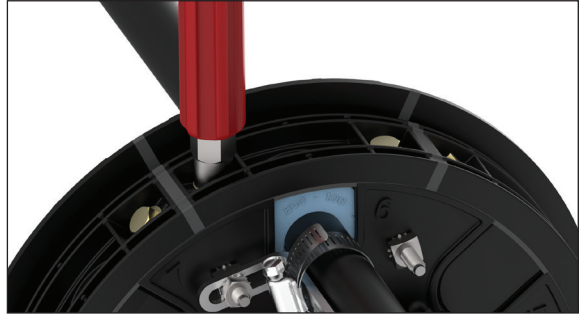
Step #21 Position slot of the strength member bracket leg over the ground stud and pull back the cable.



Step #22 Lightly secure strength member bracket on the ground stud. Install the lock washer and nut against the bracket, but do not tighten fully, so that the bracket can slide as the grommet is compressed by the cable cap.



Step #23 Install the end caps and secure with hex bolts.



NOTES:

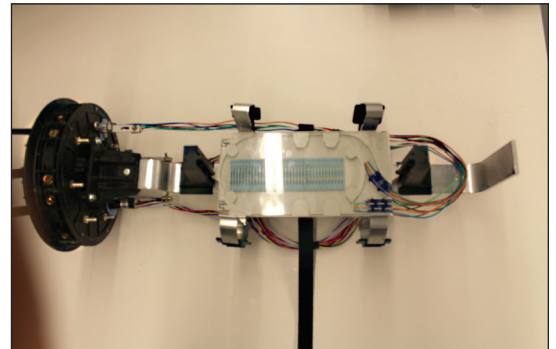
- Tighten bolts by hand evenly until cable cap is fully seated (**DO NOT USE POWER TOOLS TO TIGHTEN BOLTS**).

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

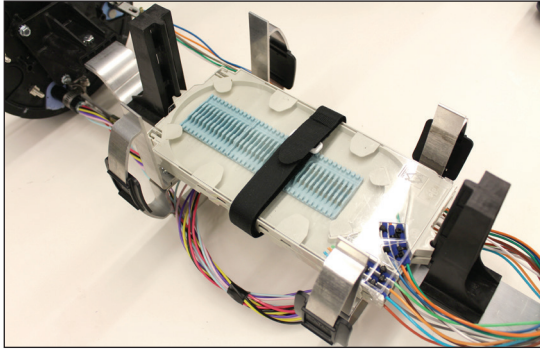
- **TIGHTEN ALL UNUSED CABLE CAPS.**

IMPORTANT: Tighten down the strength member bracket after the caps are tightened.

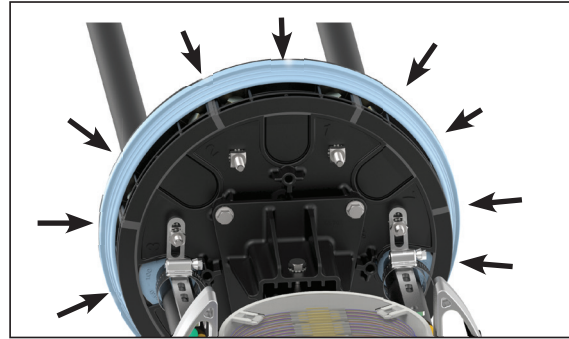
Step #24 Route expressed tubes in the buffer tube storage brackets. Place the splice tray on the tray locator brackets.



Step #25 Secure the splice tray(s) with the hold down strap.



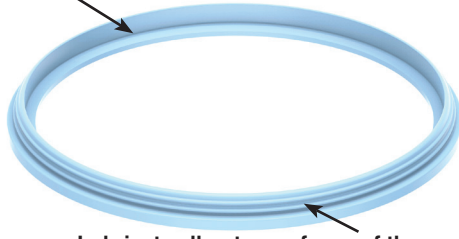
Step #29 Work the gasket into the groove.



Dome Preparation & Installation

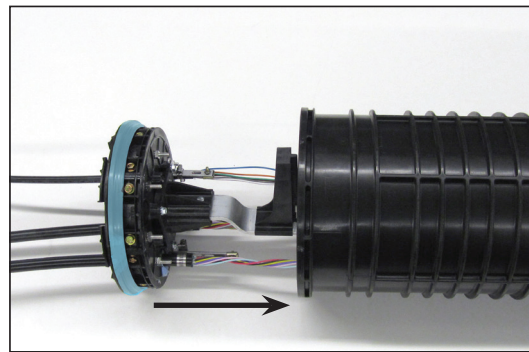
Step #26 Lubricate all surfaces around gasket with silicone lubricant to assure easy assembly and closure re-entry.

Lubricate all inner surfaces of the gasket.



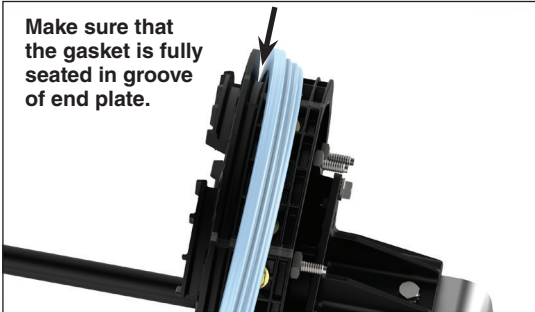
Lubricate all outer surfaces of the gasket.

Step #30 Position the dome over the end plate.



Step #27 Slide the end plate gasket onto the end plate and press into the groove.

Make sure that the gasket is fully seated in groove of end plate.



Step #28 Re-tighten all end cap bolts (Step #23) to assure that the cable caps are fully seated. When using a can wrench or nut driver, the installed torque is 35 to 40 in-lbs.

Step #31 Install the dome collar.

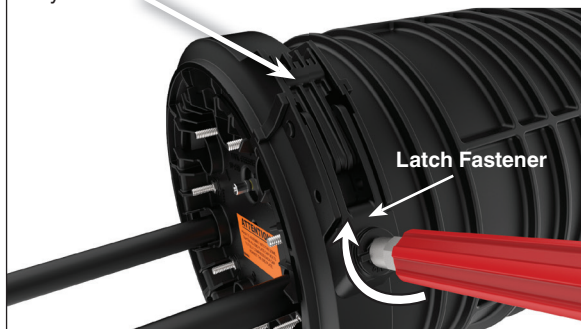


Make sure that the lip of the dome is captured underneath the collar before securing the latch.



Step #32 Fasten the latch and lock the collar by twisting the latch fastener clockwise 90 degrees.

CAUTION: Do not fasten latch until collar is completely installed in the correct position or damage to latch may occur.



Flash Test Procedure

Step #33 Remove the cap from the air valve of the end plate.



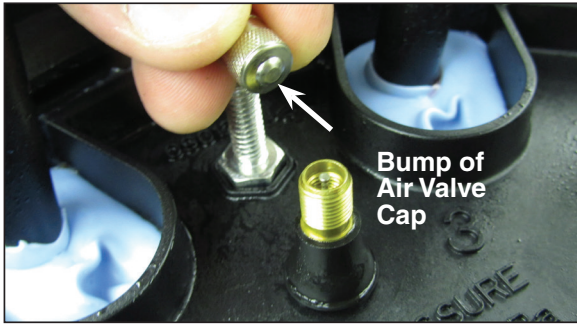
Step #34 Pressurize closure up to a max of 10psi.



Step #35 Spray all sealing surfaces of the dome end plate with a soap/water solution to determine if the end plate has been assembled properly.



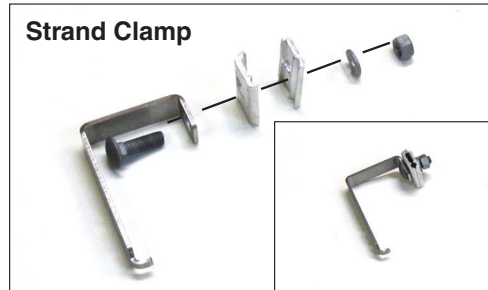
Step #36 Release all pressure in the closure by pressing against the valve stem with the bump on the top of the air valve cap.



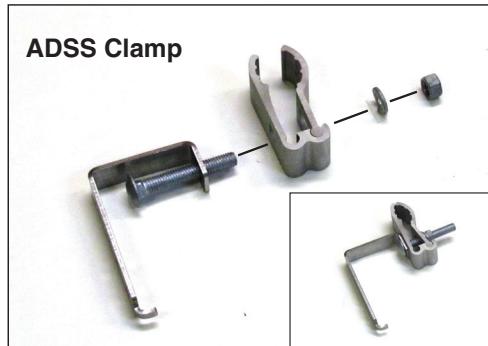
Aerial Mounting Options

Step #37a For COYOTE® 9.5" Dome Strand Mount Aerial Offset Bracket Kit (PLP Cat.#: 8004037) and 9.5" Dome ADSS Mount Aerial Offset Bracket Kit (PLP Cat.#: 8004038). Assemble each bug nut or ADSS clamp to each top aerial offset bracket as shown below.

Strand Clamp

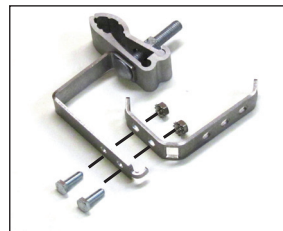


ADSS Clamp

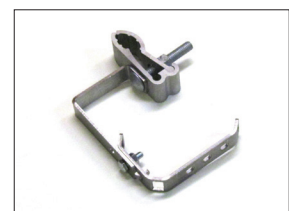


Step #37b

For Shorter Spacing. Align the top aerial offset bracket with the bottom aerial offset bracket in either Position 1 or Position 2 as shown below. Secure the top aerial offset bracket to the bottom aerial offset bracket with the bolts and keps nuts provided.



Position 1 – ADSS Clamp Shown



Position 2 – ADSS Clamp Shown

Step #37c For Taller Spacing. Align the top aerial offset bracket with the bottom aerial offset bracket in either Position 1 or Position 2 as shown below. Secure the top aerial offset bracket to the bottom aerial offset bracket with the bolts and keps nuts provided.



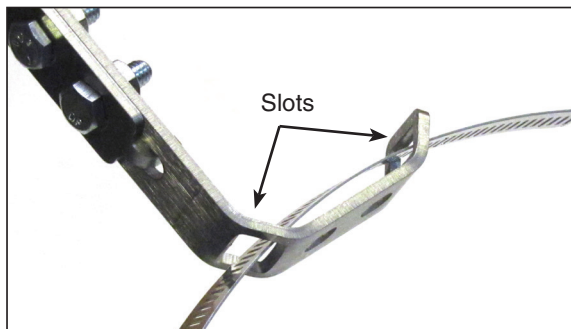
Position 1 – Strand Clamp Shown



Position 2 – Strand Clamp Shown



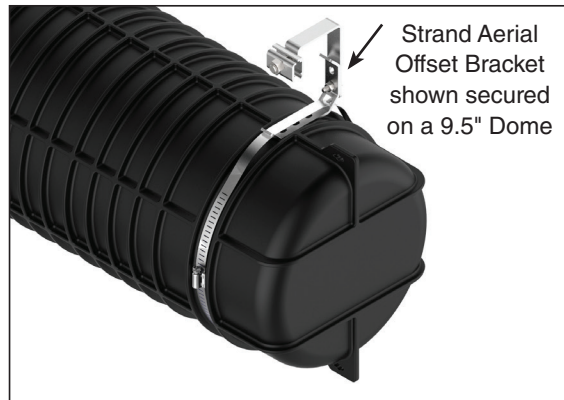
Step #38 Insert hose clamp through the slots in each of the bottom aerial offset brackets.



Step #39 Attach a second hose clamp to each hose clamp with the mounting bracket on it and tighten each pair of hose clamps around the dome in the banding slots.



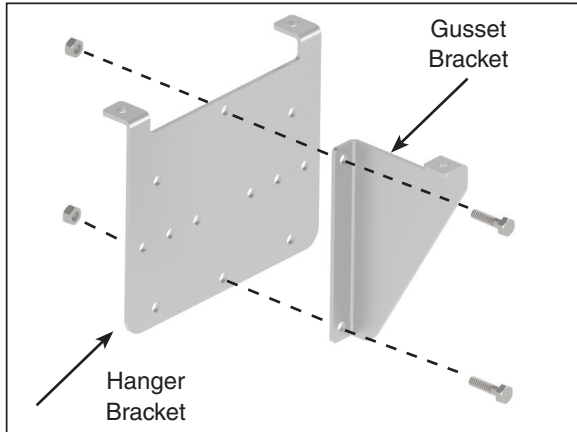
Step #40 Bracket installed on the dome closure.



Pole/Wall Mounting Option

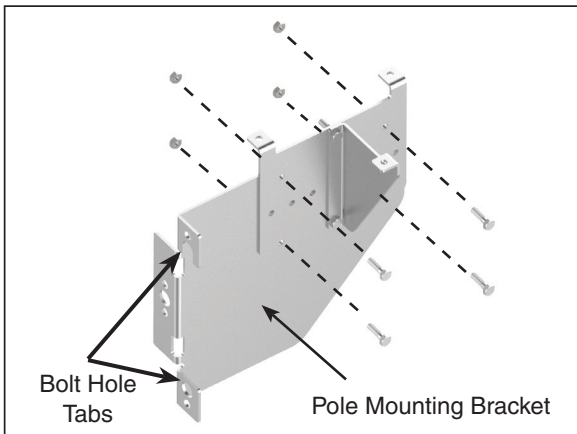
Step #41 The COYOTE® 9.5" Dome Pole/Wall Mount Bracket (PLP Cat.#: 8003942).

Secure the gusset bracket to the hanger bracket with the bolts and nuts provided as shown below.



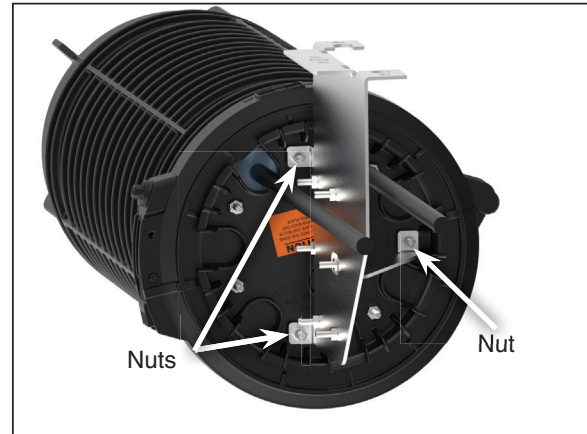
Step #42 The COYOTE 9.5" Dome Pole/Wall Mount Bracket (PLP Cat. #: 8003942).

Attach the hanger bracket to the pole mounting plate with the gusset side facing the same side as the bolt hole tabs of the pole mounting bracket.

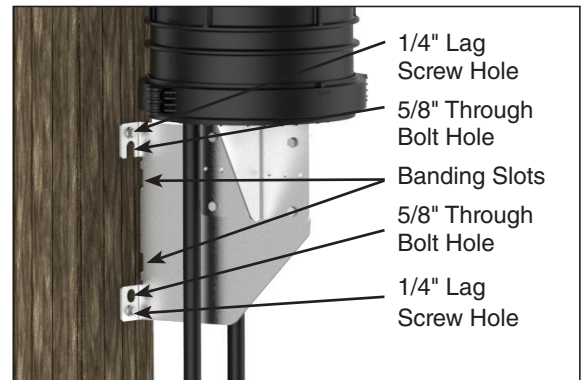


Step #43 The COYOTE 9.5" Dome Pole/Wall Mount Bracket (PLP Cat. #: 8003942).

Install the pole/wall mount bracket assembly on to the grounding studs of the end plate of the closure and secure it to the end plate with the three nuts that are provided.



Step #44 Attach the dome pole mounting plate to a pole or a wall with either 5/8" through bolts, 1/4" lag screws, or banding.



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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