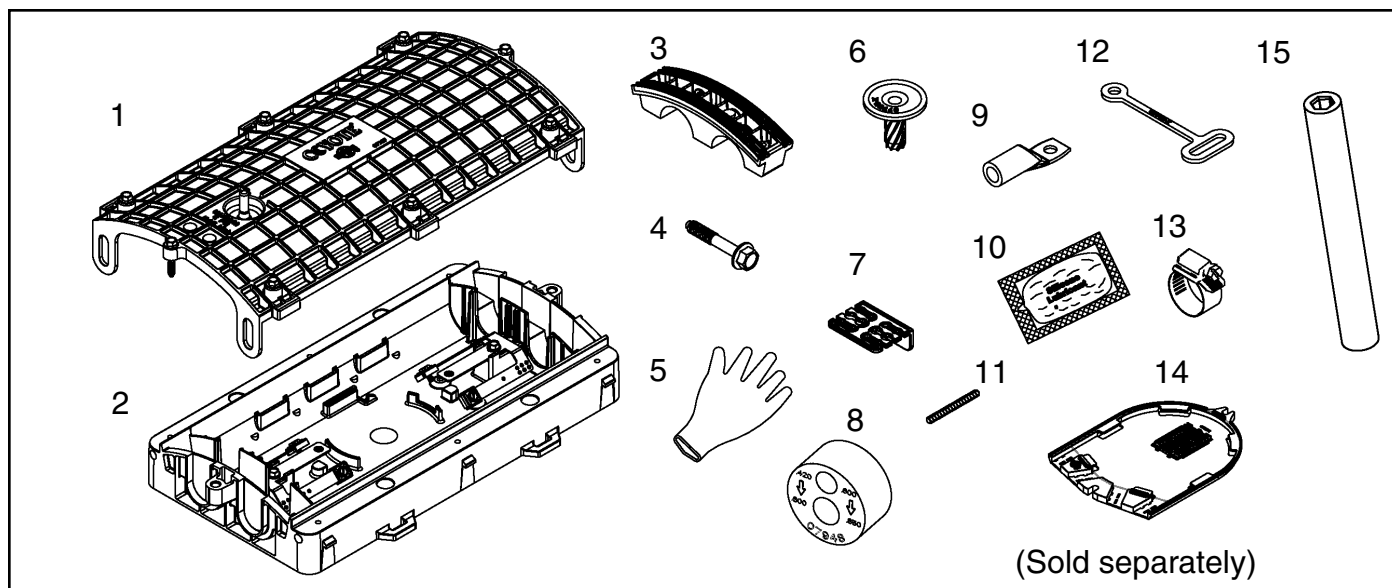




## COYOTE® In-Line RUNT Closure, Flame Retardant, Hermetically Sealed

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












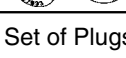
### NOMENCLATURE

- |                            |  |
|----------------------------|--|
| 1. Cover with air valve    | 9. Screw-on terminal lug (2)                             |
| 2. Base with organizer     | 10. Silicone lubricant (4 - 5 gram pks)                  |
| 3. End plate cable cap (2) | 11. Organizer stud (2)                                   |
| 4. End plate cap bolt (6)  | 12. Tray hold-down strap (2)                             |
| 5. Disposable glove        | 13. Hose clamp (4)                                       |
| 6. Hinge plug (2)          | 14. 12-ct splice tray (sold separately)                  |
| 7. Tie-down clip (4)       | 15. Flame Retardant In-Line RUNT<br>Torque Limiting Tool |
| 8. Cable Grommets (4)      |  |

### TOOLS REQUIRED

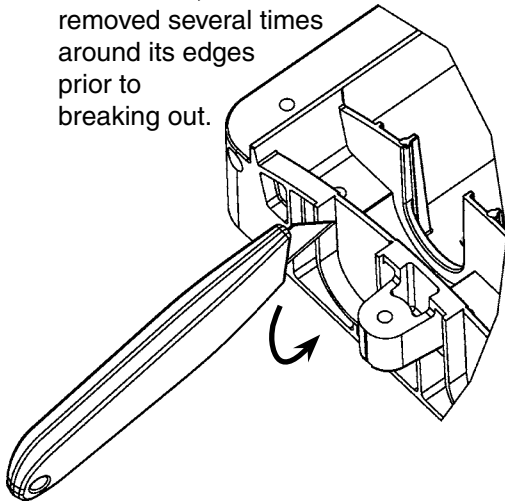
- 3/8" & 7/16" Can wrench or socket
- 1/4" Nut driver or screwdriver
- Snips
- Fiberoptic cable opening tools

Capacities				
Splice Tray Catalog No.	Description	Splices per tray	Trays for Closure	Splice capacity
80807701 Low Profile	Single Fusion	12	4	48
80806033 Standard	Single Fusion or Mechanical	12	2	24
80807114 Ribbon	Mass Fusion	72	2	144
LGSTS16 LITE-GRIP™ SF	Single Fusion	16/40*	2	32/80
LGSTR144 LITE-GRIP Ribbon	Mass Fusion	144/180*	2	288/360
*Requires additional LITE-GRIP splice block kit for enhanced capacity				

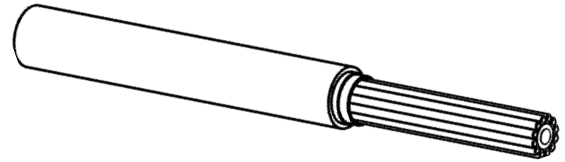
<b>COYOTE Grommet Chart</b> <b>For use in COYOTE Dome, In-Line RUNT, Taut &amp; Terminal Closures</b>			
PLP Catalog Number	Cable Range Inches (mm)	Description	Splitting Location
8003701	.42 - .85 (11 - 22 mm)	2-entry grommet	
8003691	.42 - .60 (11 - 15 mm)	1-entry grommet	
8003692	.60 - .85 (15 - 22 mm)	1-entry grommet	
8003693	.85 - 1.0 (22 - 25 mm)	1-entry grommet	
8003694	1.0 - 1.25 (25 - 32 mm)	1-entry grommet	
8003663	.42 - .60 (11 - 15 mm)	2-entry grommet	
8003664	.30 - .43 (8 - 11mm)	4-entry grommet	
8003665	.125 - .25 (3 - 6 mm)	6-entry grommet	
8003676	.42 - .60 (11 - 15 mm) .125 - .25 (3 - 6 mm)	7-entry grommet	
8003677	.125 - .25 (3 - 6 mm)	8-entry grommet	
<b>NOTE:</b> Grommet Kit contains (1) Grommet, (1) Cable Measure Tape, (2) Silicone Lubricant Pack, (1) Set of Plugs and (1) Glove			

COYOTE In-Line RUNT Accessories	
Catalog Number	Description
<b>Splice Tray Kits</b>	
80807701	12-Count Low Profile Splice Tray with plastic splice block - single fusion
80806033	12-Count Standard Splice Tray with elastomeric splice block - single fusion & mechanical
80807114	72 Count Ribbon Splice Tray with elastomeric splice block - mass fusion
80807769	Blank Low Profile Splice Tray - no splice block
LGSTS16 *	16/40 count LITE-GRIP™ Tray (blank) - no splice block
LGSTR144*	144/180 count LITE-GRIP Tray (short) for single fusion
*Requires additional LITE-GRIP splice block kit for enhanced capacity	
<b>LITE-GRIP Splice Block Kits</b>	
LGSBS8-5	8-hole for single fusion (contains 5 blocks)
LGSBR3-5	3-hole for ribbon (contains 5 blocks)
<b>Miscellaneous Accessory Kits</b>	
8003733	End Plate Kit - includes (1) end plate, (3) fasteners, (1) silicone pack
80807794	Hardware Bag Kit
8003713	Express Bracket Kit - includes (4) express brackets
8003719	COYOTE In-Line RUNT Cover Kit
80805293	Transport Tube Kit .135" ID: includes (6) 34" long transport tubes - for single fibers
80806439	Transport Tube Kit .25" ID: includes (6) 34" long transport tubes - for ribbon or single fibers
80807989	Transport Tube 100' reel 0.170" ID - for ribbon or single fibers
80807991	Transport Tube 100' reel 0.25" ID - for ribbon or single fibers
<b>Mounting Hardware Kits</b>	
8003703	Pole/Wall Mount Bracket Kit for In-Line RUNT and Terminal Closure (single or dual chamber)
8003704	Aerial Hanging Bracket Kit for COYOTE In-Line RUNT and Terminal Closure (single chamber)
8003797	
8003706	Swing Arm Bracket for COYOTE In-Line RUNT and Terminal Closures (single or dual chamber)
8003714	Pedestal Mounting Bracket - for In-Line RUNT and Terminal Closure, Emerson PR012 pedestal only

**Step #1** With a knife, score the tab to be removed several times around its edges prior to breaking out.



**Step #4a** Cable preparation for loose tube or ribbon cables.

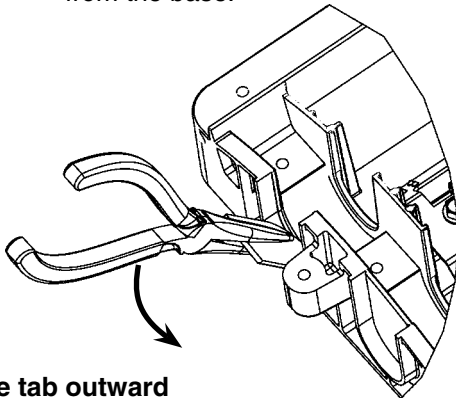


Cut cable applications

Sheath Opening	
64"	1.6 m

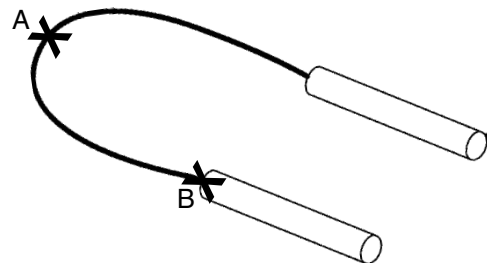
**PLP Tip:**  
Leave about 8" (203 mm) of strength member to trim later.

**Step #2** Grip the tab with pliers and rotate outward to break the tab away from the base.



Rotate tab outward as shown above.

**Step #4b** Cable preparation for loose tube or ribbon cables.



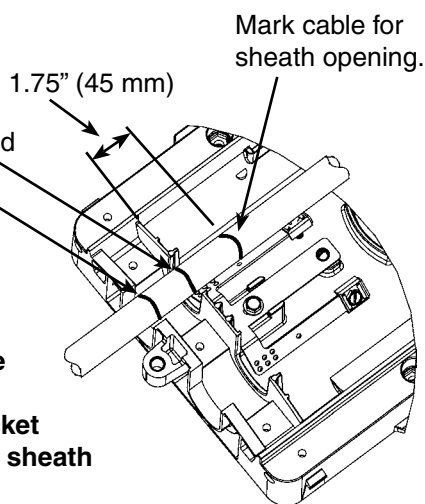
Mid sheath (Express) Applications

Sheath Opening		
Cut Location A	128"	3.2 m
Cut Location B	64"	1.6 m

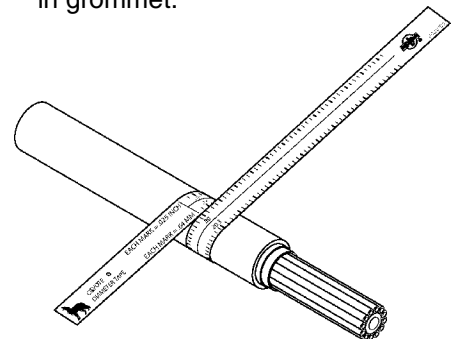
**Step #3**

Lay cable into entry ports and mark for grommet and sheath opening locations.

**PLP Tip:** Hole in strength member bracket is a guide for sheath opening.

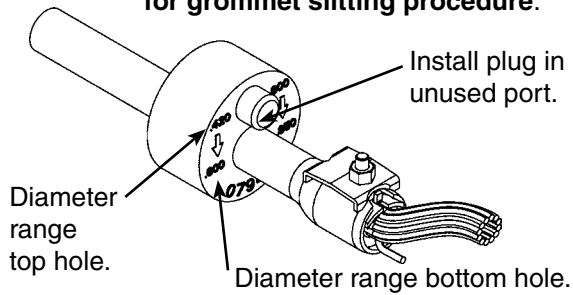


**Step #5** Measure cable to determine diameter and hole location to use in grommet.

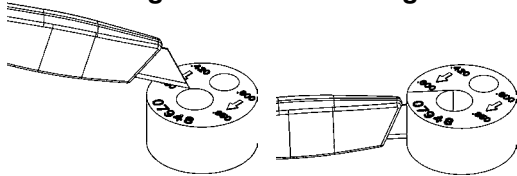


**Note:**  
Define the grommet ranges using a single cable or 2 cables.

**Step #6** If using cut cable, insert cable through grommet. If your application requires express cables, **see Step 7 for grommet slitting procedure.**



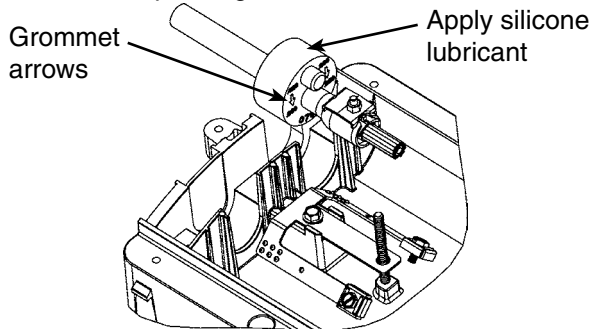
**Step #7 Grommet Slitting** - If slitting is required, lay grommet on a stable flat surface. Position utility knife with the cutting edge against the top surface and cut through grommet. **Consult grommet chart on page 2 for slitting locations of other grommets.**



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

**Step #8a Grommet Installation.**

Apply silicone lubricant to outside surface of grommet. Orient grommet so grommet arrows are pointing downward as shown.



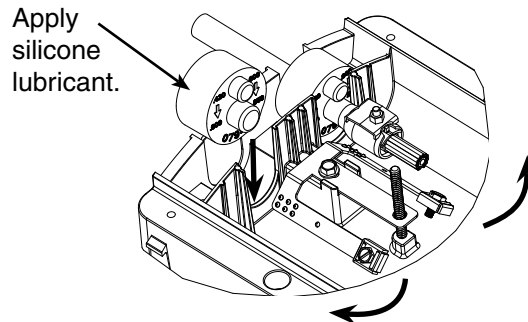
**Step #8b FOR IN-LINE APPLICATIONS - Shown in Step #8d**

When only one entry port is being used at each cable cap, **INSTALL A GROMMET IN THE UNUSED PORTS WITH THE PLUGS INSERTED INTO THE GROMMET.** This will balance the cable cap load. **IT IS NOT NECESSARY TO BREAK OUT THE TAB OF THE UNUSED PORT.**

**Step #8c FOR BUTT APPLICATIONS**

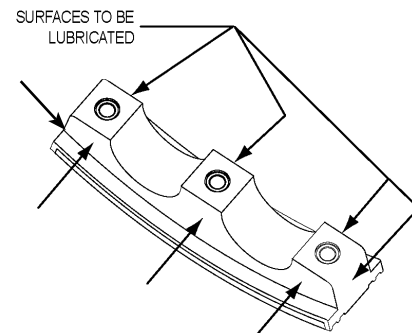
When both entry ports are being used at one cable cap and no cables are exiting the opposite end of the closure, **IT IS NOT NECESSARY TO INSTALL THE EXTRA GROMMETS UNDER THE BLANK CABLE CAP.**

**Step # 8d** Bend cable restraint bracket upward until it contacts cable.



**IF ONLY ONE CABLE ENTRY IS BEING USED,** install additional grommet in unused port using grommet plugs, but **DO NOT BREAK OUT TAB ON UNUSED PORTS.** This will balance the cable cap load.

**Step #9** Lubricate the cable cap with the silicone lubricant provided.

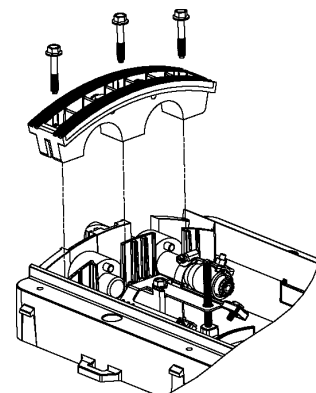


**Step #10** Install end plate cable caps and secure with 3 hex bolts.

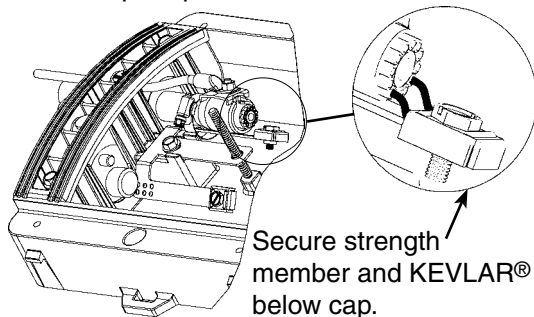
**Note:**

Tighten bolts evenly with a can wrench until insert cable cap is fully seated. Repeat step at each end plate location.

**Do not use torque limiting tool on end plate bolts.**

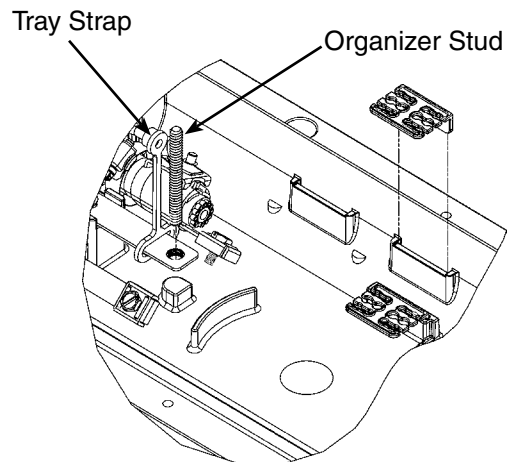


**Step #11** Secure cable sheath with hose clamp. Repeat for all cables.

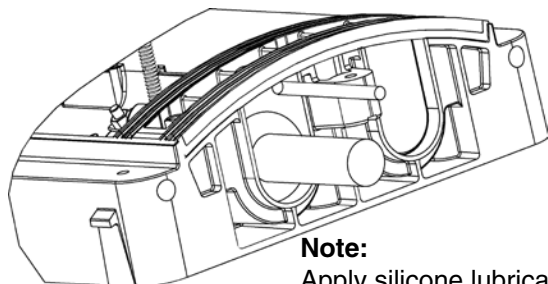


**PLP Tip:** If ground isolation is required, wrap 2 layers of vinyl tape around the strength member and cable prior to installing the hose clamp.

**Step #14** Install organizer studs and tie down clips.

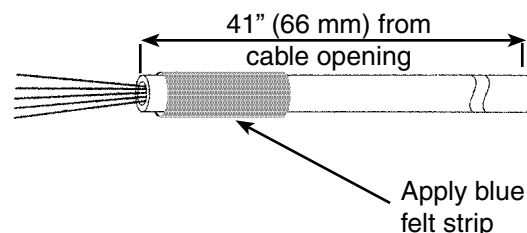


**Step #12** If required, puncture surface of ground wire hole in the end plate cable cap and insert #6 solid, jacketed ground wire.



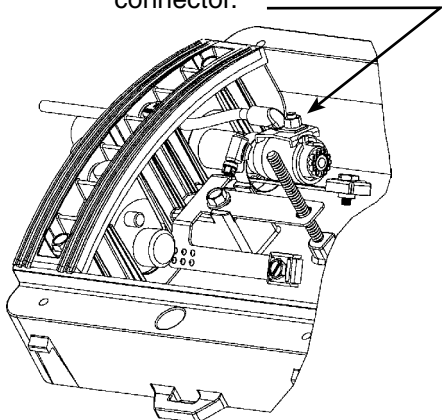
**Note:**  
Apply silicone lubricant to surface of ground wire to ease insertion into end plate.

**Step #15** Measure and mark the buffer tube.

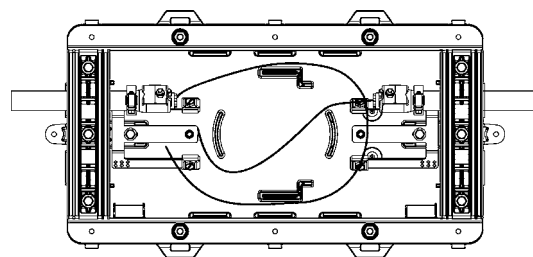


Open and clean fiber per your accepted company practice.

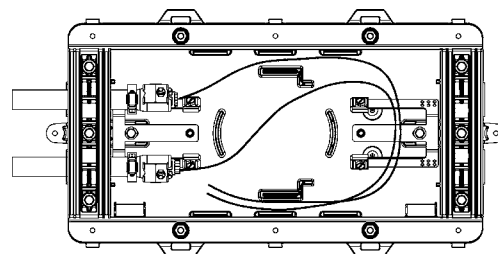
**Step #13** Install screw-on terminal lug on end of ground wire and attach to shield connector.



**Step #16** Route buffer tubes or ribbon fiber to be spliced once around the storage area to one corner.

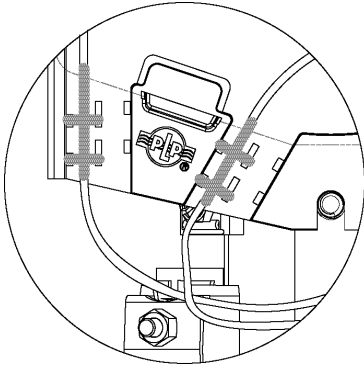


**In-Line Application**



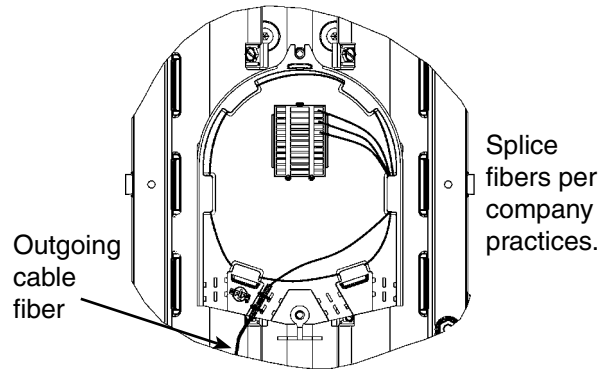
**Butt Application**

**Step #17** Secure the buffer tubes or transport tubing with tie wraps.

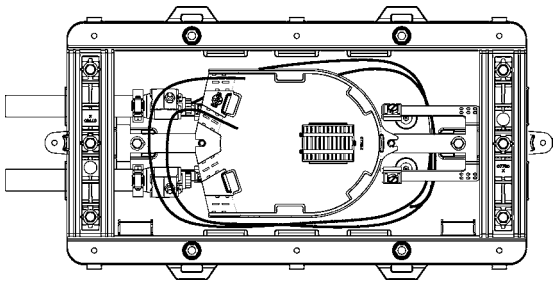


**PLP Tip:**  
Install tie wraps in splice tray before placing them on the threaded studs.

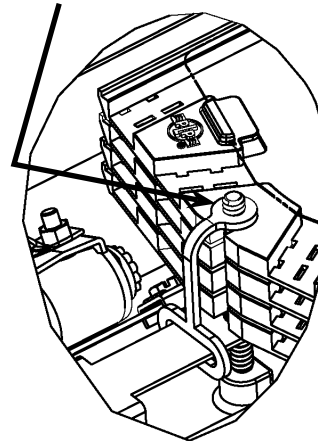
**Step #20** Route outgoing cable fibers at least 1-1/2 times around splice tray and into splice block.



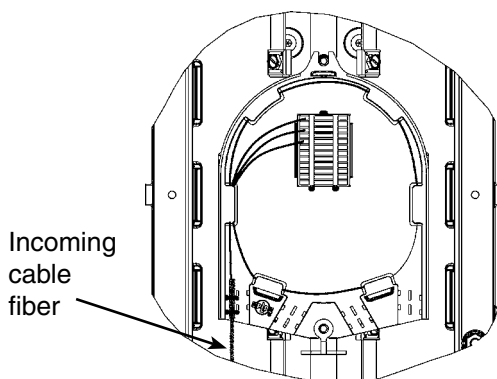
**Step #18** Install splice tray on threaded studs.



**Step #21** Secure splice tray(s) with hold-down straps.

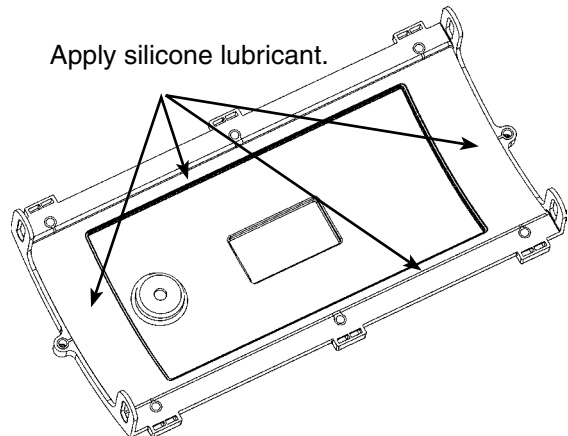


**Step #19** Route incoming cable fibers at least 1-1/2 times around splice tray and into splice block.

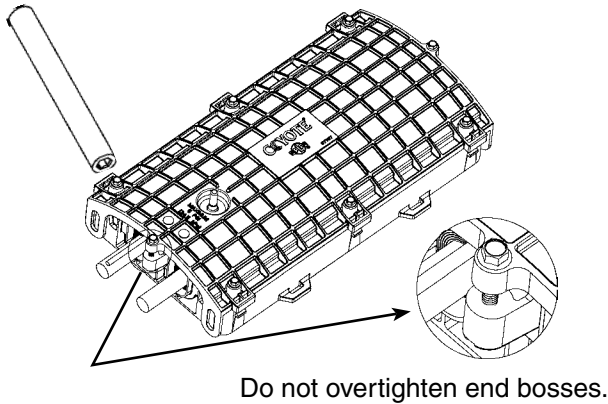


**Step #22** Apply silicone lubricate to cover surfaces before installing.

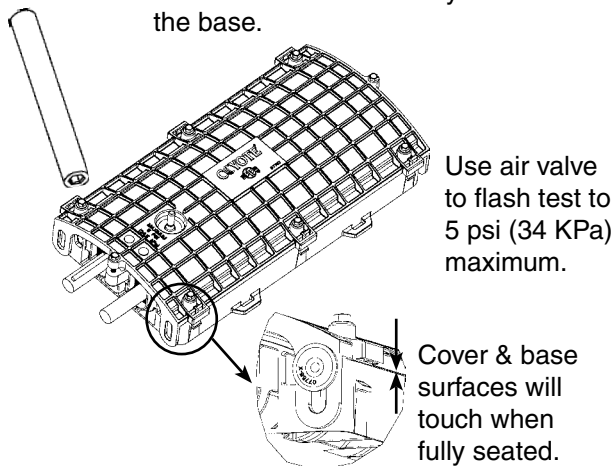
Apply silicone lubricant.



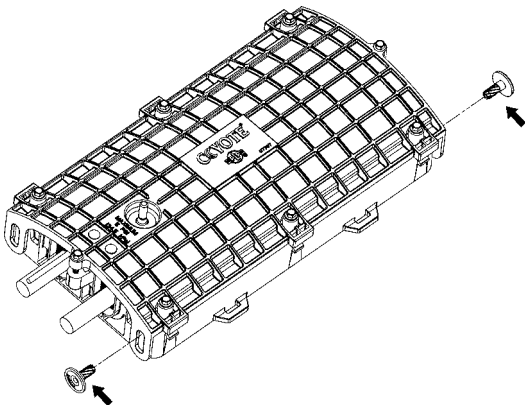
**Step #23** Install cover and tighten all eight bolts evenly with torque limiting tool until cover is fully seated on base.



**Step #24** Retighten all bolts with torque limiting tool to insure cover is fully seated on the base.



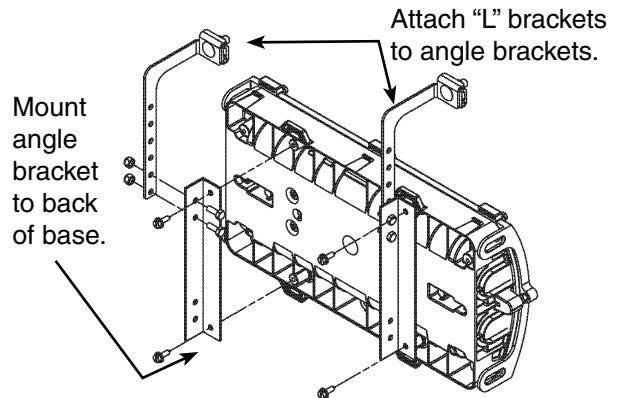
**Step #25** Create optional hinge on cover by pushing hinge pins into opposite corners.



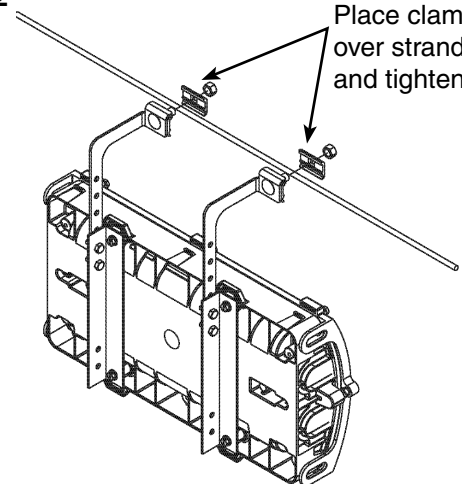
## Mounting Hanger Bracket Options

### Aerial Hanger Bracket

**Step #1** Requires Aerial Hanger Bracket Kit PN: 8003704.



**Step #2** Place clamp over strand and tighten.

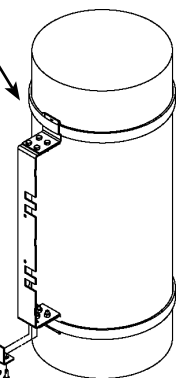


### Pole/Wall Mount Bracket

Requires Pole/Wall Mount Bracket Kit PN:8003703.

**Step #1** Mount main bracket to pole using strap or bolt per your company practice.

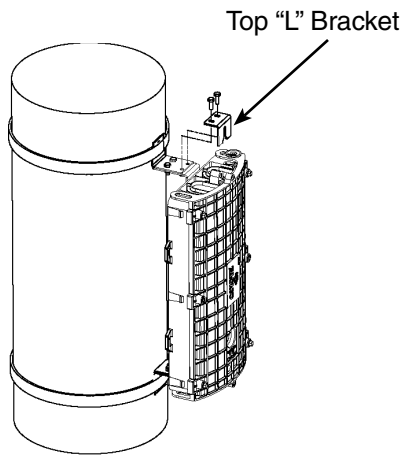
**Step #2** Fasten "L" bracket to bottom of main bracket.



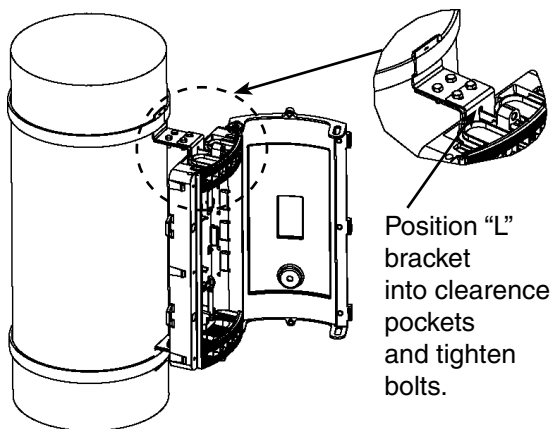
### Pole/Wall Mount Bracket - continued

#### Step #3

Rest closure on bottom "L" bracket. Hold enclosure flat against main bracket and install top "L" bracket.



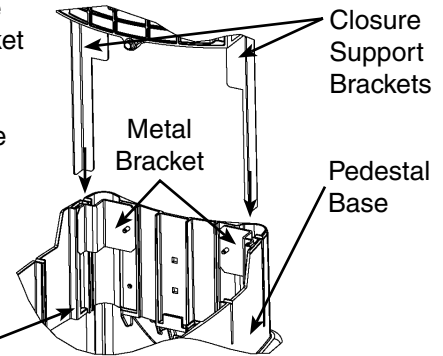
#### Step #4



### Pedestal Mounting Bracket

**Step #1** For Emerson Pedestal Model No: PR012HSRNGE Part NO: F1006530

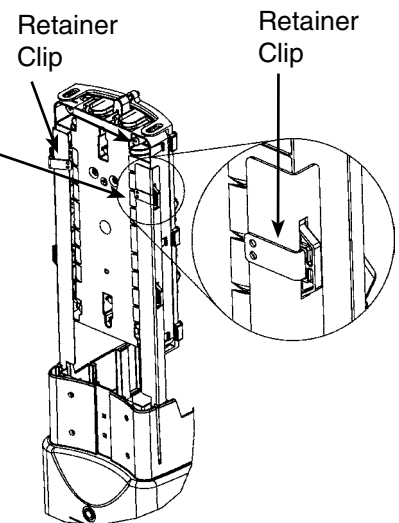
Insert closure support bracket behind metal brackets in pedestal base and tap into place.



Tap brackets into place until fully seated on bottom of channel.

#### Step #2

Insert closure mounting tabs through bracket slots and insert retainer clips to secure closure.



## 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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