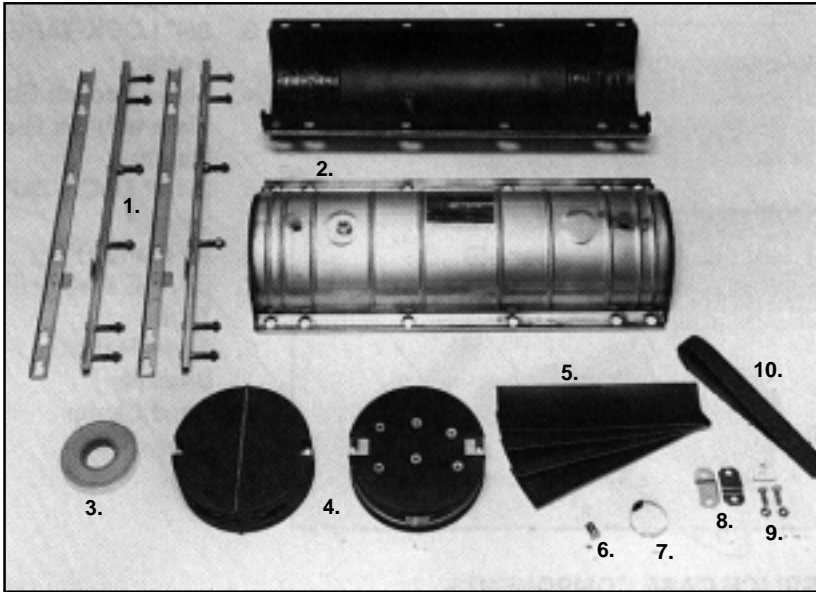


**COYOTE® SPLICE CASE (ADOBE™ SERIES)  
 FOR UNDERGROUND, AERIAL, AND BURIED SPLICES**

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

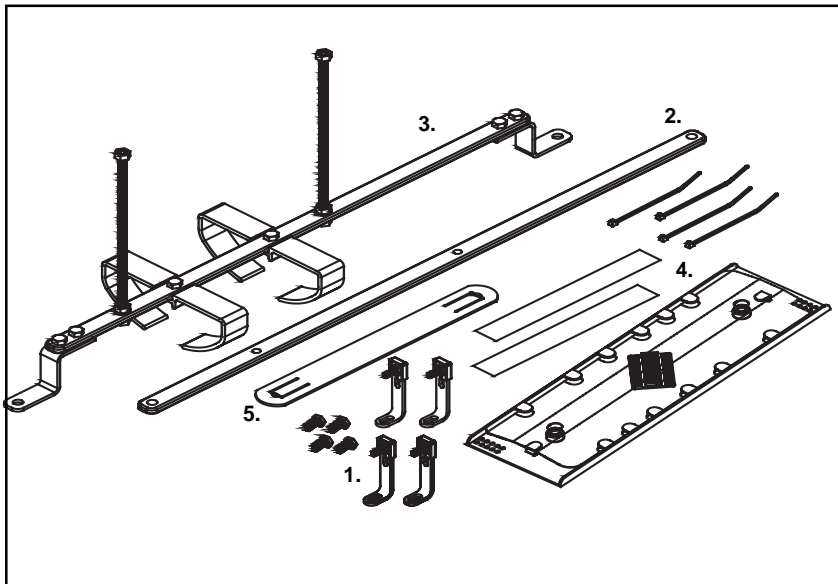
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# 1.00 NOMENCLATURE



1. LOCKBAR Fasteners
2. Stainless Steel Shell Halves
3. 3/4" LOCK-TAPE Sealant
4. End Plates
5. LOCK-TAPE Sealant Strips
6. Air Flange Plug
7. CABLE Mea-SURE™ Tape
8. Aerial Hanging Brackets
9. Bond Clamp
10. Emery Cloth

**FIGURE 1 – COYOTE SPLICE CASE COMPONENTS (TYPICAL)**



1. "L" Brackets
2. Top Torque Bar
3. Buffer Tube Storage Assembly with Torque Bar
4. Splice Tray Kit with Clear Cover, Splice Block(s), Felt Strips and Tie Wraps (sold separately)
5. Splice Tray Hold Down Strap

**FIGURE 2 – BUFFER TUBE STORAGE ASSEMBLY AND RELATED COMPONENTS**

## COYOTE SPLICE CASE ADOBE SERIES

Catalog Number	Description
8006687	6.5" x 28" (165.1 mm x 711.2 mm) DLX, Includes one (1) Two-Section End Plate, one (1) Three-section End Plate with six grounding inserts, one (1) Buffer Tube Storage Assembly, and four (4) "L"-Brackets.
8006689	8.0" x 28" (203.2 mm x 711.2 mm) DLX, Includes one (1) Two-Section End Plate, one (1) Three-section End Plate with six grounding inserts, one (1) Buffer Tube Storage Assembly, and four (4) "L"-Brackets.
8006691	9.5" x 28" (241.3 mm x 711.2 mm) DLX, includes one (1) Two-Section End Plate, one (1) Three-Section End Plate with six grounding inserts, one (1) Storage Assembly, and four (4) "L" Brackets.

## SPLICE CAPACITIES

6.5" x 28" (165.1 mm x 711.2 mm) (Catalog Number 8006687)					
Splice Tray Catalog Number	Description	Useable Connectors	Splice Capacity Per Tray	Maximum No. of Trays Per Splice Case	Max. Closure Splice Capacity
8001122	ADOBE-12	Heat-Shrink Protected Fusion	12	12	144
8001121	ADOBE-24	Heat-Shrink Protected Fusion	24	8	192
8" x 28" (203.2 mm x 711.2 mm) (Catalog Number 8006689)					
Splice Tray Catalog Number	Description	Useable Connectors	Splice Capacity Per Tray	Maximum No. of Trays Per Closure	Max. Closure Splice Capacity
8001122	ADOBE-12	Heat-Shrink Protected Fusion	12	16	192
8001121	ADOBE-24	Heat-Shrink Protected Fusion	24	12	288
9.5" x 28" (241.3 mm x 711.2 mm) (Catalog Number 8006691)					
Splice Tray Catalog Number	Description	Useable Connectors	Splice Capacity Per Tray	Maximum No. of Trays Per Closure	Max. Closure Splice Capacity
8001122	ADOBE-12	Heat-Shrink Protected Fusion	12	18	216

**1.01** The COYOTE Splice Case ADOBE Series contains everything needed for installation except hand tools, vinyl tape, filled cable cleaning fluid, and C-Cement.

**1.02 Tools Needed:**

- Splicer's scissors
- Splicer's knife
- Tabbing shears
- Common screwdriver
- 1/2" deep well socket\*
- 3/8" nutdriver or socket
- Needlenose pliers
- Buffer tube removal tool and/or slitter
- Sidecutters
- Torque Wrench (inch pound readings)\*
- Power End Plate Cutter\*

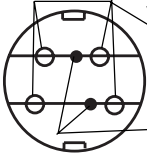
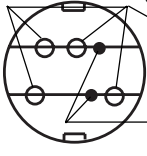
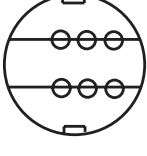
\*Available from Preformed Line Products

**2.00 DESCRIPTION**

**2.01** For Safety Considerations, refer to Section 20.00 of this procedure.

**2.02** The COYOTE Splice Case ADOBE Series organizes and distributes buffer tube type fiber optic cables. Low profile ADOBE Series Splice Trays are incorporated to minimize the number of splices per splice tray (12 or 24) and to minimize the overall capacity.

**2.03** The COYOTE Splice Case End Plates have the cable capacities as shown in Figure 3.

<p>6.5" (165.1 mm) DLX END PLATE THREE-SECTION</p>	 <p>3 ENTRIES PER SEAM</p> <p>MAX. DIA. .688 (11/16") (17.48 mm)</p> <p>MAX. DIA. .375 (3/8") (9.53 mm)</p>
<p>ALTERNATE HOLE PATTERN 6.5" (165.1 mm) DLX END PLATE THREE-SECTION</p>	 <p>3 ENTRIES PER SEAM</p> <p>MAX. DIA. .688 (11/16") (17.48 mm)</p> <p>MAX. DIA. .375 (3/8") (9.53 mm)</p>
<p>8.0" (203.2 mm) AND 9.5" (241.3 mm) DLX END PLATE</p>	 <p>3 ENTRIES PER SEAM</p> <p>MAX. DIA. 1.1" (27.94 mm)</p>

**FIGURE 3 – END PLATE CAPACITIES (VIEW FROM INSIDE END PLATE)**

**NOTE:** An additional 1.5" (38.1 mm) of space is available on each seam for cable entries on the 8.0" (203.2 mm) COYOTE Splice Case, and an additional 3.0" (76.2 mm) of space is available on each seam of the 9.5" (241.3 mm) COYOTE Splice Case. However, provisions for securing the L-Brackets are only provided for the six entries shown in Figure 3.

**3.00 DETERMINING BLADE SIZE AND LOCK-TAPE SEALANT REQUIREMENTS**

**3.01** CABLE Mea-SURE Tape is used to determine the correct Power End Plate Cutter blade size and the required layers of LOCK-TAPE Sealant.

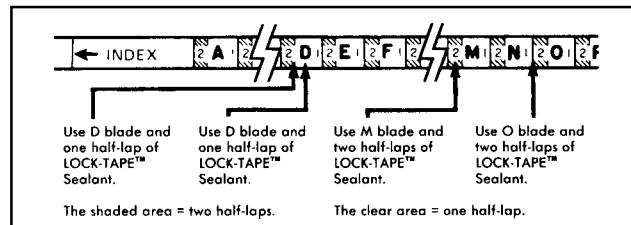
- 3.02** To use CABLE Mea-SURE Tape:
- Wrap it around the cable tightly. (Figure 4)
  - The index line will point to a letter and number.
  - The letter indicates the correct blade size.
  - The number indicates the correct number of layers of half-lapped LOCK-TAPE Sealant. (Figure 4)



**FIGURE 4 – WRAP CABLE MEA-SURE TAPE AROUND CABLE**

**NOTE:** Follow the procedures per paragraph 3.02 for ADSS cable. For OPGW application, measure the OPGW per paragraph 3.02 and follow the procedures for the green sealant moisture block included in the Green Sealant Kit (Cat. No. 8003411).

**NOTE:** If the index line falls on a line between two numbers, always use the number to the right of the line. (Figure 5)



**FIGURE 5 – SKETCH OF MEASURE TAPE**

**CAUTION:** Cable may vary in diameter from place to place along its length, so be sure to measure each cable at the area where the End Plate is to be placed.

#### 4.00 END PLATE PREPARATION – CUTTER SET-UP

4.01 When using blades A-D, install the blade directly into chuck. For blades E-DD, first install blade into the drill adapter.

4.02 Secure blade or adapter into drill chuck. Tighten drill chuck in all three locations.

**CAUTION:** To prevent blades from coming in contact with base of Power End Plate Cutter, insure that blade or adapter is inserted as far into the drill chuck as possible.

4.03 Insert stop-posts in tapped holes in base of cutter corresponding to the 6.5" (165.1 mm), 8.0" (203.2 mm) or 9.5" (241.3 mm) End Plate diameter and hand tighten firmly. (Figure 6)

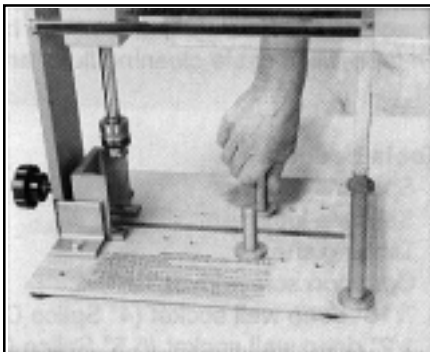


FIGURE 6 – PUT STOP POSTS INTO CUTTER

#### 5.00 END PLATE PREPARATION – DRILLING

5.01 Locate the designated drill marks on the End Plate (highlighted in yellow). These marks should face up when placing End Plate in Power End Plate Cutter. (Figure 7)

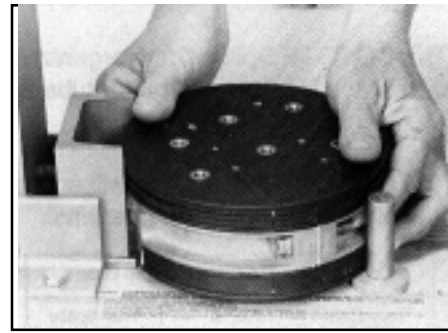


FIGURE 7 – END PLATE SHOWING THE DESIGNATED DRILL MARKS

5.02 To enable bonding/strain relief brackets to be properly applied, the cable entry holes **must** be drilled at the designated drill marks highlighted in yellow.

5.03 To position End Plate in the cutter:

- Rotate End Plate and slide bearing block along the guides until the drill is positioned over designated drill marks.
- Then, tighten the clamp screw and thumb screw on the bearing block. (Figure 8)

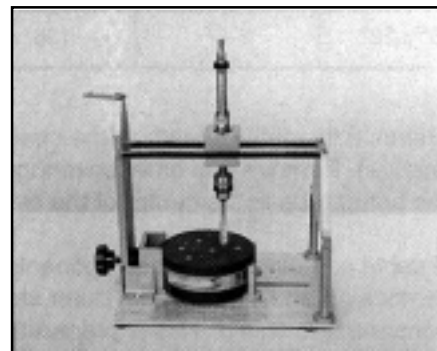


FIGURE 8 – BLADE POSITIONED

**CAUTION:** The thumb screws in the bearing block are backed up by a small nylon pellet. Using cutter with pellet missing could cause damage to the guide rails.

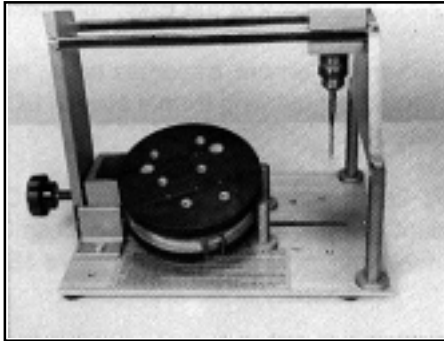
To prevent damage, remove the thumb screws and insert a small piece of cable sheath. Additional nylon pellets are available from PLP®.

5.04 Mount a 3/8" drill, drill blade adapter, and one 1/2" deep well socket to the upper end of the bearing block shaft.

5.05 Drill through the End Plate until the shaft bottoms out on the stop collar. **When the drill has bottomed out, stop the drill.**

**CAUTION:** Never bring the blade back up while it is still turning. This could result in an oversized hole. Do not exert sideways pressure on drill shaft, it may cause damage to the bearing block.

**5.06** If additional holes are needed, repeat preceding steps 5.00-5.05. (Figure 9)



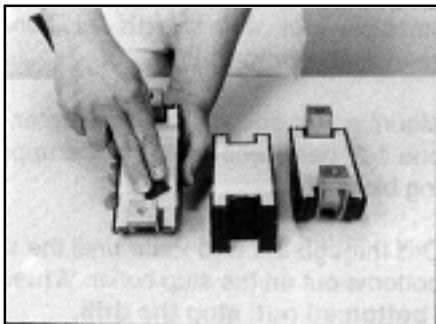
**FIGURE 9 – END PLATE WITH HOLES DRILLED**

**5.07** Remove the End Plate from the cutter and disassemble End Plates by removing both bolts.

### **6.00 END PLATE PREPARATION – LOCK-TAPE SEALANT APPLICATION**

**6.01** Remove sharp edges on plastic and foam in area of opening with emery cloth (provided). (Figure 10)

**SCUFF LIGHTLY.  
DO NOT REMOVE TOO MUCH MATERIAL.**



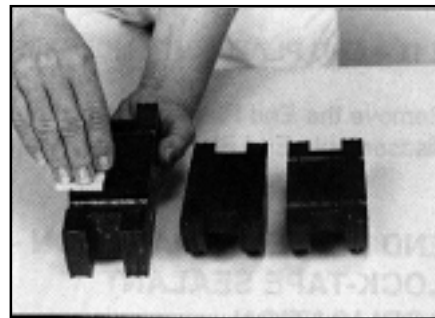
**FIGURE 10 – SCUFFING CABLE OPENINGS**

**PLP TIP:** This simple operation will help prevent catching the LOCK-TAPE Sealant when drawing the End Plates together. ONLY USE EMERY CLOTH PROVIDED FOR THIS PROCEDURE.

**6.02** Apply a thin coat of C-Cement to each inside surface of the End Plate sections.

**6.03** When C-Cement becomes tacky, remove protective backing from a strip of LOCK-TAPE Sealant.

**PLP TIP:** Use removed backing from a LOCK-TAPE Sealant strip to dry and remove excess C-Cement applied to End Plate. (Figure 11)

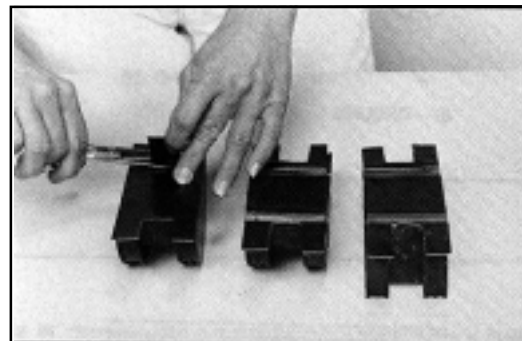


**FIGURE 11 – C-CEMENT ON END PLATE**

**6.04** Without stretching, apply LOCK-TAPE Sealant over prepared surface of the End Plates, following the contour of the cable holes.

Allow approximately 3/4" (19.05 mm) of LOCK-TAPE Sealant to extend beyond each end of the End Plate. This will serve as a tightening indicator during the End Plate assembly.

**6.05** Square cut the tape away from the bolt holes. (The area just beyond the metal insert.) (Figure 12)



**FIGURE 12 – SQUARE CUT BOLT HOLES**

## 7.00 CABLE PREPARATION – APPLYING LOCK-TAPE SEALANT TO CABLES FOR FIELD-DRILLED END PLATE

7.01 Measure and mark cables for sheath openings:

Closure (mm)	Continuous Length (m)	Cut Cables (m)
6.5" x 28" (165.1 x 711.2)	276" (7.01)	138" (3.5)
8.0" x 28" (203.2 x 711.2)	280" (7.11)	140" (3.56)
9.5" x 28" (241.3 x 711.2)	288" (7.32)	144" (3.56)

**NOTE:** For OPGW applications, a separate Green Sealant Kit (Cat. No. 8003411) must be ordered for each Splice Case. Follow the procedures provided with this kit to prepare the OPGW.

7.02 Remove the cable sheath to the opening mark(s). Remove any other coverings to expose the central tube or buffer tubes in the center of the cable.

7.03 If cable contains metallic components, remove an additional 1/2" (12.7 mm) of outer sheath exposing the metallic shield. This is preparation for bonding and grounding.

7.04 Remove moisture block tape and any other materials from exposed tube.

7.05 Mark the cable 1.5" (38.1 mm) and 5.5" (139.7 mm) outward from cable opening with metallic components and at 4" (101.6 mm) outward from the cable opening for dielectric cables. Using the emery cloth provided, scuff the cable between the marks for cables with metallic components or up to the marks for dielectric cables. Always scuff around the cable, never scuff lengthwise.

7.06 Coat the scuffed area of cable with C-Cement and allow to dry to tacky base.

7.07 Apply required number of half-lapped layers of 3/4" (19.05 mm) LOCK-TAPE Sealant around the cable in the area coated with C-Cement. Stretch tape while applying. (Figure 13)

**PLP TIP:** Stretch tape enough to reduce its width to 1/2" (12.7 mm). Figure 15 shows the completed application of one half-lapped layer of LOCK-TAPE Sealant.



FIGURE 13 – APPLYING LOCK-TAPE SEALANT

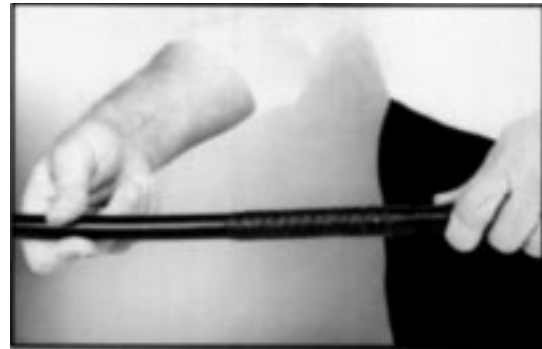


FIGURE 14– COMPLETED LOCK-TAPE SEALANT APPLICATION

## 8.00 END PLATE ASSEMBLY CABLES ENTERING THROUGH FIELD-DRILLED HOLES

8.01 Using the hex bolts provided, fasten the "L" bracket and retaining clip to the End Plate.

8.02 Before installing prepared cables into the End Plate halves, apply 1/4" (6.35 mm) wide bead of C-Cement adjacent to the drilled hole. (Figure 15)

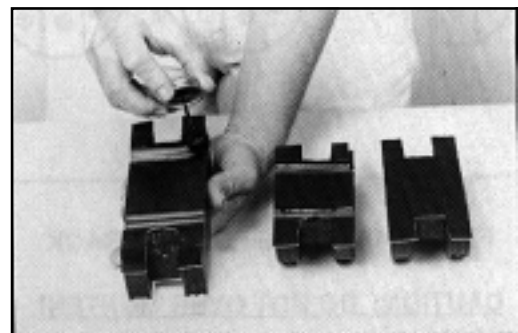


FIGURE 15 – BRUSH C-CEMENT OVER LOCK-TAPE SEALANT

**NOTE:** If cables being placed in End Plate require bonding and/or grounding, review Section 9.00 before installing End Plate.

**8.03** Position prepared cables into the lower End Plate section, allowing 1/2" (12.7 mm) of the LOCK-TAPE Sealant to extend beyond the inside of the End Plate. THIS IS A CRITICAL MEASURE-  
MENT.

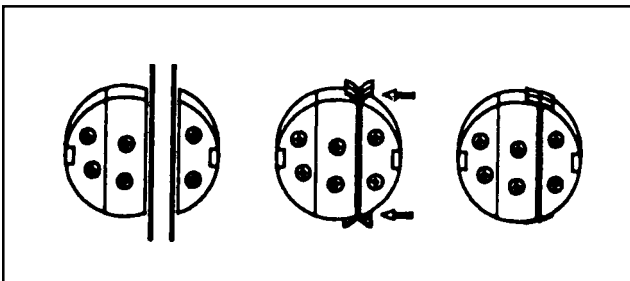
**8.04** For cables containing non-metallic strength members, insert strength members into retainer clip and tighten. Cut off excess strength member.

**8.05** Where applications dictate, position prepared cables into the upper End Plate seam per step 8.03 and insert End Plate bolts.

**8.06** Using a socket and ratchet, tighten each bolt evenly in rotation 2 or 3 turns at a time.

**CAUTION: Do not use power tools for this operation.**

**8.07** While tightening, the excess LOCK-TAPE Sealant extending from the End Plate section will fold back. When the LOCK-TAPE Sealant stops moving (folds back), the bolts are sufficiently tight. (Figure 16)



**FIGURE 16 – TAPE FOLDING BACK**

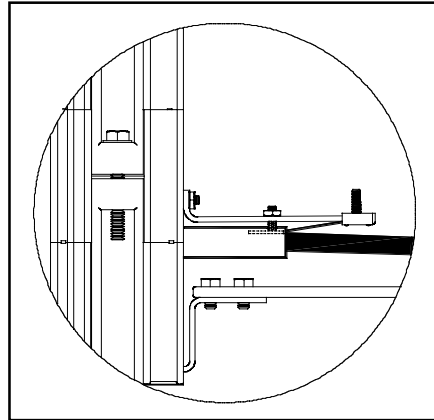
**CAUTION: DO NOT OVER TIGHTEN!**

**8.08** Trim excess LOCK-TAPE Sealant to within 1/8" (3.18 mm) of End Plate. DO NOT STRETCH TAPE DURING TRIMMING PROCESS.

## **9.00 BONDING AND/OR GROUNDING CABLE WITH METALLIC COMPONENTS**

**NOTE:** Installation of bonding and grounding components may be easier if installed prior to placing cables into End Plate.

**9.01** If cable contains a metallic shield, install shield connector and/or bonding assembly per company specifications.



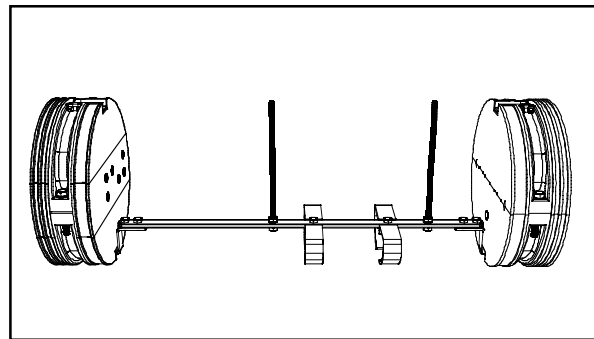
**FIGURE 17 – SECURE SHIELD CONNECTOR TO L-BRACKET**

**9.02** Attach shield connector and/or bonding assembly to the slot in the previously installed "L" bracket (Figure 17).

**9.03** If cable contains a strength member, insert the strength member into the retainer clip and tighten. Cut off excess strength member.

## **10.00 INSTALL ORGANIZER ASSEMBLY**

**10.01** Remove the torque bar attachment bolts from the End Plates and secure the Buffer Tube Storage Assembly Torque Bar to the End Plate. (Figure 18)

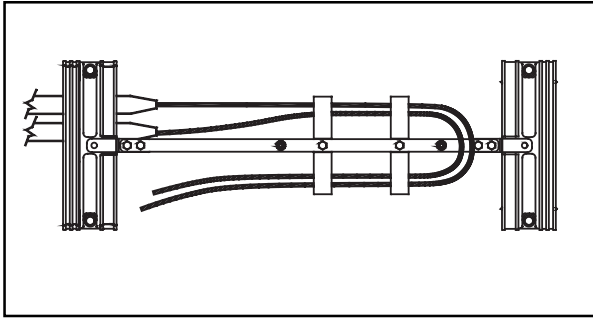


**FIGURE 18 – BUFFER TUBE STORAGE ASSEMBLY SECURED TO END PLATES**



## 11.00 ROUTING BUFFER TUBES

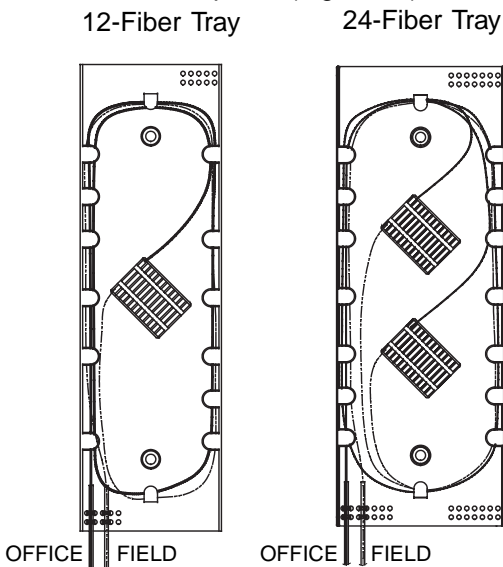
**11.01** Route buffer tubes one turn through the buffer tube storage clip as shown in Figure 19.



**FIGURE 19 – ROUTING BUFFER TUBES WITHIN BUFFER TUBE STORAGE CLIPS**

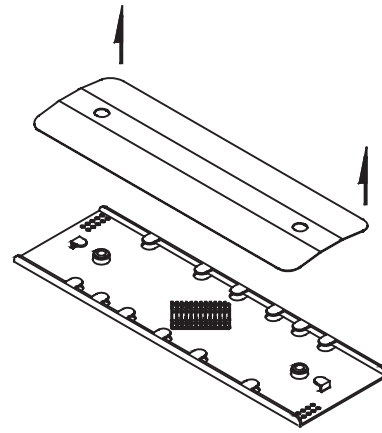
## 12.00 SECURING TRANSPORT TUBES AND ROUTING FIBER IN SPLICE TRAYS

**12.01** There are two sizes of ADOBE Splice trays available for the COYOTE Splice Case, ADOBE Series. The narrow splice tray is configured with one splice block for 12 heat-shrink protected fusion splices. The wide splice tray has two splice blocks to accommodate up to 24 head-shrink protected fusion splices (Figure 20).



**FIGURE 20 - ADOBE SERIES 12-FIBER AND 24-FIBER SPLICE TRAYS**

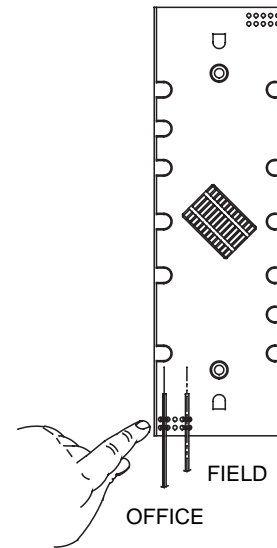
**12.02** Remove the cover from a splice tray by placing your thumb on the snap post and pulling up on the end of the tray cover (Figure 21). Repeat for the other end of the tray cover.



**FIGURE 21 - REMOVE SPLICE TRAY COVER**

**12.03** Position a splice tray on the threaded posts of the organizer assembly.

**12.04** Route the buffer tube(s) for this splice tray (office and field) into the corner of the splice tray with the tie-down holes and mark the buffer tubes just beyond the tie-down holes (Figure 22).



**FIGURE 22 - MARK BUFFER TUBES JUST BEYOND TIE-DOWN HOLES**

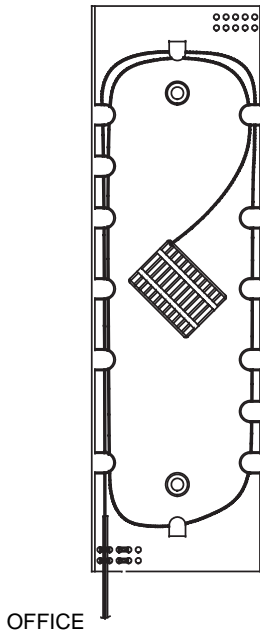
**12.05** Remove the buffer tube to the mark and thoroughly clean the fibers per standard company practices.

**12.06** Apply a wrap of blue felt over the buffer tubes at the end where they will be tied down.

**12.07** Secure each buffer tube to the splice tray using two of the tie-wraps provided.

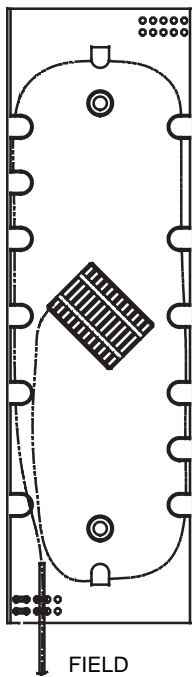
**PLP TIP:** For easy installation, install the tie wraps in holes on splice tray ahead of time.

**12.08** Route the fibers from the office side 1-3/4 times around the splice tray and into the right side of the splice blocks as shown in Figure 23.



**FIGURE 23 - ROUTING OFFICE SIDE FIBERS ON SPLICE TRAY (NARROW TRAY SHOWN)**

**12.09** Route the fibers from the field side 2-1/4 times around the splice tray and into the left side of the splice block(s) as shown in Figure 24.

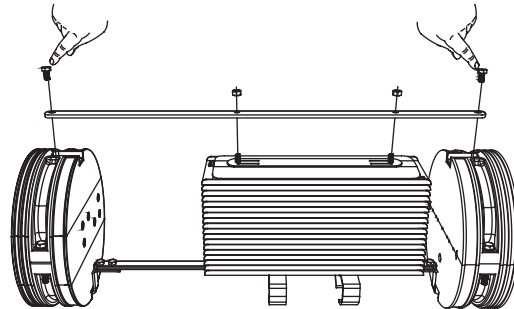


**FIGURE 24 - ROUTING FIELD SIDE FIBERS ON SPLICE TRAY (NARROW TRAY SHOWN)**

- 12.10** Splice fibers according to accepted company practices.
- 12.11** Replace the cover on the splice tray by pressing with both thumbs, one on each side of snap post. Repeat for other side of cover.
- 12.12** Repeat steps 12.02 through 12.11 for the remaining splice trays.

**13.00 SPLICE TRAY STORAGE AND BUFFER TUBE ROUTING**

- 13.01** Route all the buffer tubes into the inverted clips on the bottom of the Organizer Assembly.
- 13.02** Position all the splice trays on the threaded posts of the Organizer Assembly.
- 13.03** Secure the splice trays to the threaded parts with the splice tray hold down strap and install the top torque bar (Figure 25).

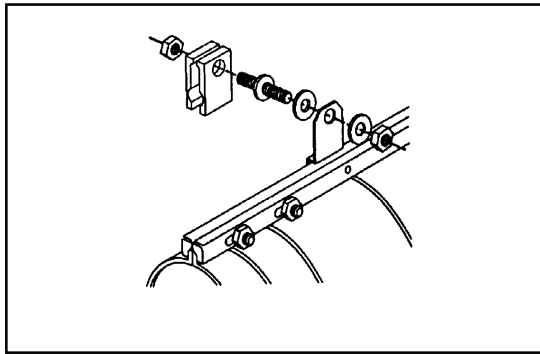


**FIGURE 25 - SECURE SPLICE TRAYS**

**14.00 INSTALLING THE SPLICE CASE USING LOCKBAR™ FASTENING**

- 14.01** The neoprene in the outer shells must be pliable when installed. In cold weather, for new installation or re-entry, warm outer shells prior to installation. Remove protective paper liners.
- PLP TIP:** Shells may be warmed in a truck cab or by placing near manhole vent hose. If space permits, bring the shells down into the manhole during splicing operation.
- 14.02** Aerial applications require that the suspension plates be installed to the back LOCKBAR Fastener prior to its application to the

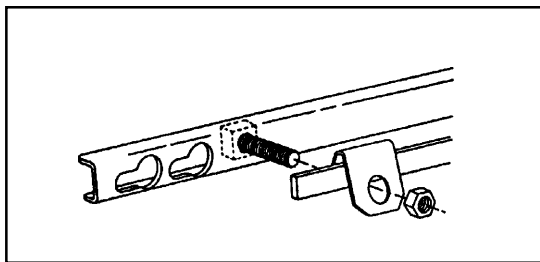
Splice Case. Special holes are provided on either side of the back LOCKBAR Fastening Assembly for this purpose. (Figure 26)



**FIGURE 26 – AERIAL SUSPENSION PLATES**

**14.03** For external bonding, the bolt, bonding clip, and nut must be applied to the front (key-hole) LOCKBAR Assembly before mating it with the back LOCKBAR Assembly. Special holes are provided on either side of the front LOCKBAR Assembly for this purpose. The bolt head is applied inside the LOCKBAR Channel. The bonding clip and nut are applied to the bolt on the outside LOCKBAR Assembly face. Refer to Figure 27 for proper alignment of parts.

**NOTE:** The external bonding clamp **must** be used for all aerial, buried, and underground installations.



**FIGURE 27 – PROPER ALIGNMENT OF PARTS**

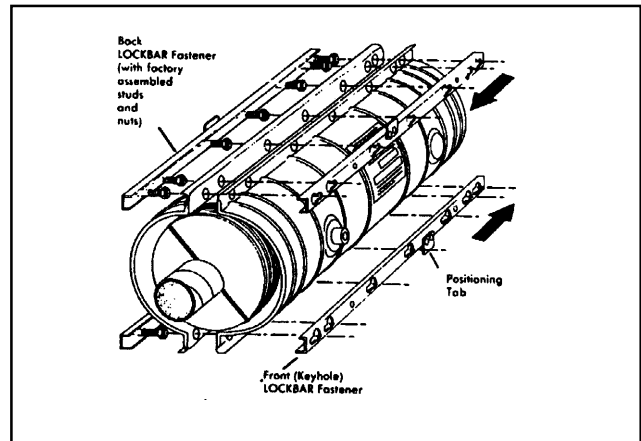
**14.04** Now that all LOCKBAR System preparatory steps have been accomplished, apply the back shell half (without air flange) over End Plates.

**14.05** Apply the front shell half (containing air flange).

**14.06 NOTE:** Prior to the application of the back LOCKBAR Assembly, be certain that the nuts are near the end of the threaded bolts. The ends of the threaded bolts have been treated so that the nuts remain on them and cannot be easily removed.

**NOTE:** Positioning tabs have been added to each

LOCKBAR Fastener (front and back). These tabs should always point away from the Splice Case and will help assure proper alignment and eliminate the chance of a LOCKBAR Fastener being misapplied. (Figure 28)



**FIGURE 28 – LOCKBAR FASTENING**

**14.07** Install LOCKBAR Fastening system as shown in Figure 28. LOCKBAR Fastening consists of a (back) studded LOCKBAR Assembly with factory assembled threaded bolts and nuts, and a (front) keyhole LOCKBAR Assembly. The back LOCKBAR Assembly mates with the front LOCKBAR Assembly through the flange of the Splice Case shells, and then locks into position.

**14.08** Tighten LOCKBAR Fastener in accordance with torque sequence label located on the front half of Splice Case.

**14.09** Flash test all installations according to company practices. Be certain to replace the F pressure valve with the plug supplied with the case. If the installation necessitates the F valve is left on the case, be certain to use a new valve and do not scratch the plated surface.

**14.10** After nuts have been tightened to the required torque value, a certain amount of relaxation occurs. This is to be expected. **DO NOT RE-TORQUE.** This can damage the Splice Case.

## **15.00 UNDERGROUND INSTALLATION**

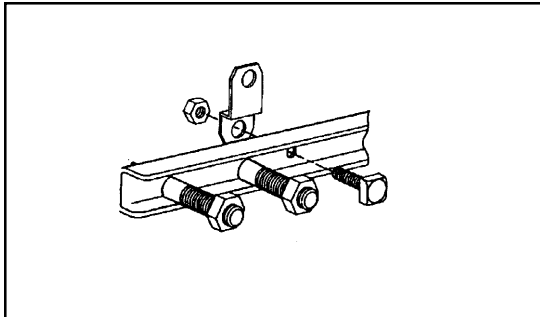
**15.01** The COYOTE Splice Case should be installed between the manhole racks.

**15.02** COYOTE Splice Cases are very light and will float in a water-filled manhole. They must be tied down.

**NOTE:** It is recommended that the PREFORMED Splice Case Manhole Support, Catalog No. 80007614, be used to support and tie down the Splice Case.

## 16.00 AERIAL INSTALLATION

**16.01** Place two lashing wire clamps (not supplied) on the suspension strand; (Figure 29) one directly above each aerial suspension plate that was placed in Step 15.02.



**FIGURE 29 – AERIAL INSTALLATION**

**16.02** Be sure all nuts and washers are in their proper position. Tighten nuts securely.

## 17.00 EXTERNAL BONDING PROCEDURE

**External bond methods will be shown, but company practices should be followed.**

**17.01** Select the external bonding clamp and bonding bolt from the package.

**17.02** Loosely bolt the bonding clamp to one of the threaded inserts in the bottom section of the End Plate where the cables were installed. Install a length of bonding ribbon (not supplied) from the bonding clamp on the LOCKBAR System to the bonding clamp on the End Plate. Securely tighten the bolt on the End Plate.

**17.03** For manhole installations, extend a length of bonding ribbon from the bond clamp on the LOCKBAR Assembly to the bonding and grounding harness of the manhole. Securely tighten all connections.

**17.04** For direct buried installations, extend a length of bonding ribbon (not supplied) from the bonding clamp on the LOCKBAR Assembly to a ground rod. Securely tighten all connections.

**17.05** For aerial installations, the case is bonded to the suspension strand through the suspension plate assembly. Securely tighten all connections.

**17.06** If cable contains metallic components, all cables must be bonded together. Remove bolt from threaded inserts on outside of End Plate, install continuous length of bonding ribbon through bonding clips and secure to End Plate with the End Plate bolts.

**17.07** For underground or buried application where isolated external bond connectors are required, PLP can provide an External Isolation Terminal Kit (two per kit) with a #6 compression splice (Cat. 8003463) or with a #6 Quick Disconnect (Cat. 8003464).

## 18.00 RE-ENTRY PROCEDURE

**18.01** Loosen the nut on the external bonding clamp and remove bonding ribbon(s).

**18.02** Loosen the nuts on the LOCKBAR System to allow removal of the LOCKBAR Assemblies.

**NOTE:** Do not unscrew nuts beyond the treated area. **DO NOT USE AIR WRENCHES** for this operation.

**18.03** Remove the case halves.

**18.04** If new cables are to be added, a new End Plate must be used. Remove all old sealing or LOCK-TAPE Sealant from the cables. Install new End Plate using the appropriate steps in this procedure.

## 19.00 MAINTENANCE PROCEDURES

**19.01** The COYOTE Splice Case is designed for numerous re-entries. However, certain precautions must be taken prior to reapplication.

**19.02** Be sure to clean shells and End Plates thoroughly to remove sand, dirt and other foreign substances.

**19.03** Any bent studs or stripped nuts should be replaced. Only use hardware supplied by Preformed Line Products.

**19.04** The shells should be lubricated prior to reapplication. A uniform thin layer is all that is necessary. Only use lubrication supplied by Preformed Line Products (Catalog No. 80801566).

**19.05** Any shells that are bent or distorted should not be used.

**19.06** Prior to reinstallation, the neoprene on the shells should be allowed to return to its original state. Warming the shells speeds up the process.

## **20.00 SAFETY CONSIDERATIONS**

**20.01** 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.

**20.02** When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

**20.03** For proper performance and personal safety, be sure to select the proper size PREFORMED Product before application.

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

**PREFORMED** LINE PRODUCTS 

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