

10.00 INSTALLATION INSTRUCTIONS

MODEL 720-82

MODEL 730-82

MODEL 740-82

10.10 This section provides instructions on the disassembly and preparation of a new closure; cable installation into the closure; and sealing the closure.

10.11 The following tools and materials are required in addition to those used in normal splicing practices:

-ratchet/socket/ or box/open end wrench 1/2"

-ratchet/socket/ or box/open end wrench 3/8"

-ratchet/socket/ or box/open end wrench 5/16"

-screw driver flat blade

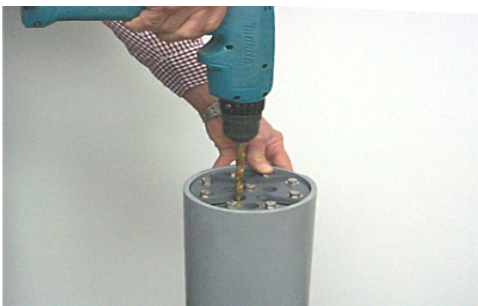
-drill motor and appropriate twist bit or brad poin bit for field drilling if closure is not ordered pre-drilled.

10.12 Loosen the compression bolts in both end caps. The bolt heads should be "backed off" approximately 1/8" from the washers. Remove the closure sleeve and set it aside.

10.13 If cable entries are not factory drilled use the following procedure:

To insure proper drilling of the compression material, it should be held firmly in a "relaxed" state. The method used to accomplish this is to drill the holes while the seal is between the end plates. The bolts should be loose enough to allow the elastomer seal to "relax" but the bolt heads should be against the outer end plate to keep the end plates from moving while drilling. Select drill bits **1/32" larger** than the cable's outside diameter (not to exceed 1/16"). Hold the closure firmly and drill the cable entry port holes through the polyurethane seal. The drill should be held perpendicular to the seal and a medium, even pressure applied. Don't force the bit, let it "cut" through the seal. **NOTE:** Never use a paddle/spade or auger type bit. Use a twist type bit or a brad point twist type bit.

Figure 1

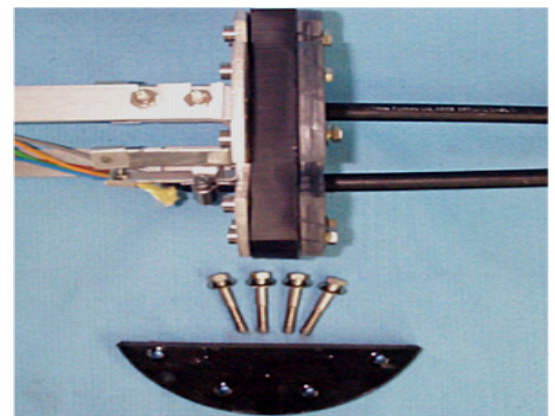


10.14 Total length of cable to be prepared shall be dictated by amount of slack coils desired within the closure and the amount of slack filter within the tray. This should be determined by standard local practice.

NOTE: Windsor Communications recommends at least 46" of buffer tube and 36" of fiber for a total prep length of 82".

11.15 Remove the compression bolts 720 and 730 models - 4 bolts
740 model - 5 bolts
around the cable entry ports to be used. Remove the freed section of the split compression seal and put it aside.

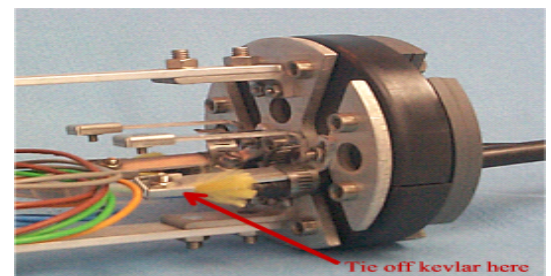
Figure 2



10.16 Remove top (slotted) bar from closure and set aside.

10.17 Insert cables in the slotted end plate. Tie kevlar and central strength member off under clamping plate at the end of cable tie stand off. Secure hose clamp around cable tie stand off and cable and then tighten.

Figure 3



10.18 Use the provided tube of RTV to run a bead across the split of the compression seal and drilled holes and on the underside of the cables. Replace the section of the compression seal and the 5 bolts that secure it.

Figure 4

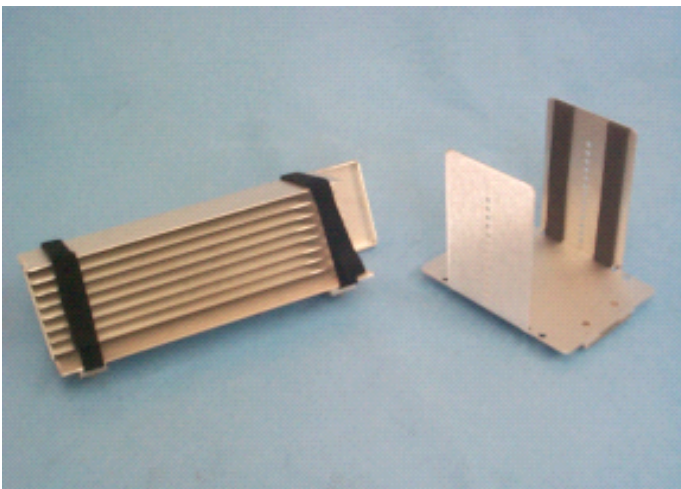


10.19 Remove desired amount of buffer tube from fiber and tie wrap buffer tube to splice tray.

10.20 Splice fibers in accordance with standard/local practice.

10.21 Insert splice tray into tray holder in a manner that buffer tube may be routed into buffer clamps on back of tray holder (2 provided) and fasten Velcro strap over trays.

Figure 5



10.22 Replace top (slotted) bar.

10.23 Slide closure into sleeve and tighten the compression bolts on both end caps. The bolts should be tightened one half turn after the bolt heads contact the washer. Begin with center bolt and move to the surrounding bolts. Then tighten outside bolts one half turn in an opposing pattern. (See attached bolt tightening sequence for 740 model)

11.24 Return to the center bolt and tighten one half turn. Tighten the surrounding 4 bolts one half turn. Move to the outside bolts and tighten one half turn in an opposing pattern.

Figure 6



