



## WILDLIFE PROTECTOR

Completely read and understand this procedure before installing product. Special attention should be given to the Safety Considerations located on the last page of this procedure. We advise the reader to review these considerations now and again during general review of this product and be sure to select the proper PREFORMED™ product before installation.

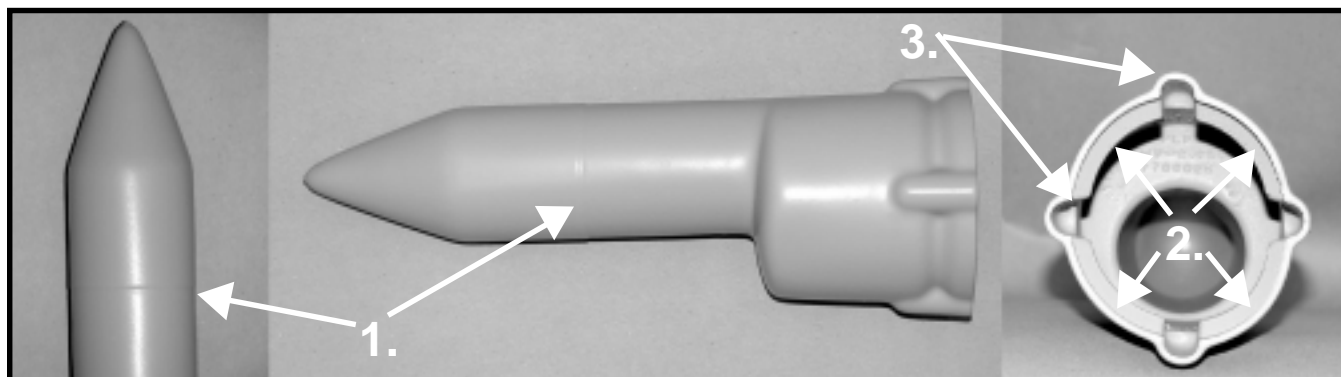


FIGURE 1

### 1.00 DESCRIPTION

- 1.01
1. Raised Edge - indicates cutting location for fuse application
  2. Locking tabs
  3. Water Weeping Chambers

The Wildlife protector (WP-2.25F) is designed for use on single bushing transformers with the option of incorporating a 2-1/4" (57 mm) diameter in-line, current-limiting fuse.

### 2.00 ATTACHING THE WILDLIFE PROTECTOR (WP-2.25F) W/OUT FUSE

- 2.01
- Begin by cutting a hole in the tip of the W.P. **Caution:** This cut should be made as close to the tip as possible to create a small uniform hole creating a snug fit. (Figure 2)

**PLP TIP:** Start with a cut of approx. 1/16" (1.59 mm). If larger hole is required, increase hole size by cutting 1/16" (1.59 mm) increments until stinger fits.

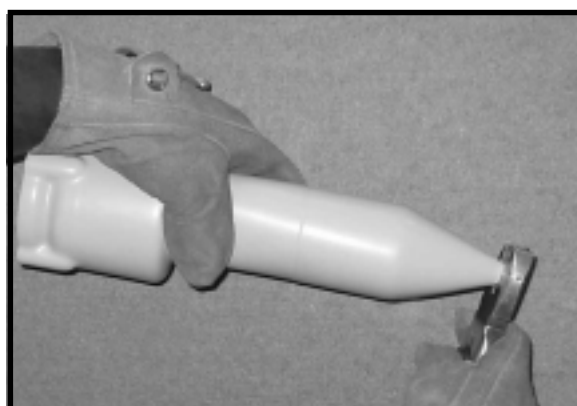


FIGURE 2 - Cut hole in tip of WP

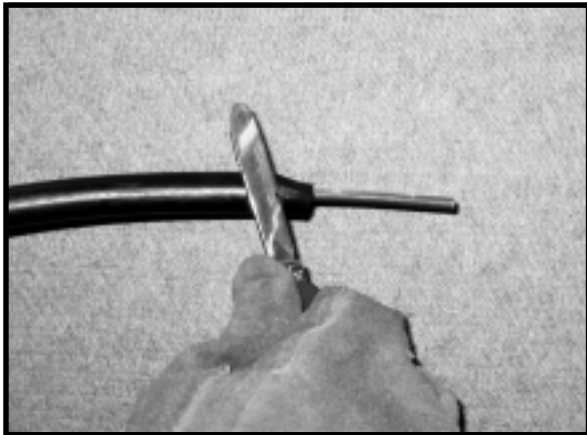
- 2.02
- If stinger wire is not connected to the primary, the stinger should be installed in the W.P. through the bottom and must fit snugly around the stinger wire jacket. (Figure 3)



FIGURE 3 - Bottom installation

**PLP TIP:** To ease installation of the stinger wire, whittle the insulation material into a cone around the center copper or aluminum wire. Stinger wires come with various insulation thickness and the W.P. is designed to accept any stinger wire diameter.

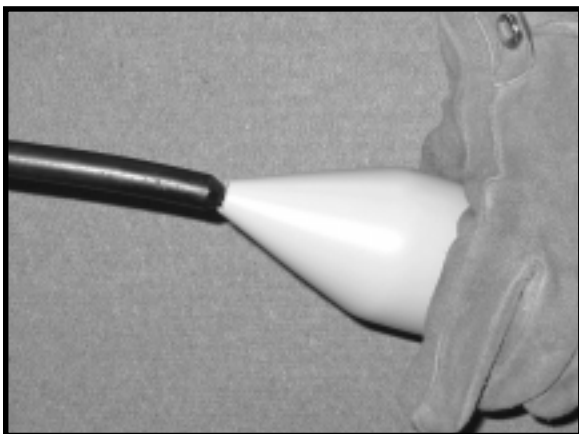
**2.03** If stinger wire is already connected to primary, whittle the insulation material into a cone on the transformer bushing end to ease installation through the tip/nose of the device. (Figure 4)



**FIGURE 4 - Cone Shaping the Stinger insulation**

**2.04** Push the stinger wire through the tip/nose of the W.P. (Figure 5)

**PLP TIP:** Start with a cut of approx. 1/16" (1.59 mm). If larger hole is required, increase hole size by cutting 1/16" (1.59 mm) increments until stinger fits snugly.



**FIGURE 5 - Installing the stinger wire through the tip/nose of the WP**

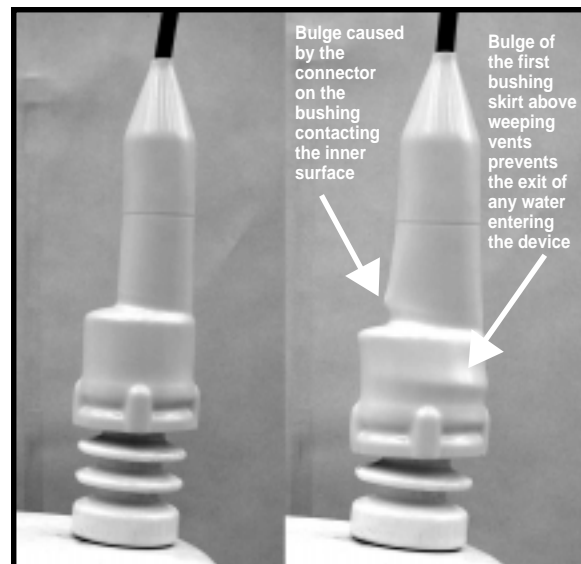
**2.05** After the stinger wire is installed in and it is attached to the transformer, slide the W.P. down the stinger wire and **snap it over the 1st skirt only** of the insulator bushing. (Figure 6)



**FIGURE 6 - Installing WP on the bushing**

**2.06** The base of the W.P. may need to be rotated to line up the opening of the tube with the entrance of the bushing connector. It is recommended that the connector not come into direct contact with the inside surface of the W.P. (Figure 7)

**NOTE:** Ensure device is not pushed down past the point where the locking tabs snap over the 1st skirt. Installing past first bushing skirt will prevent water drainage through the weep chambers. Figure 7 illustrates both the correct and incorrect applications.



**Correct installation Incorrect Installation**  
**FIGURE 7**

### 3.00 ATTACHING THE WILDLIFE PROTECTOR WITH AN IN-LINE CURRENT LIMITING FUSE

3.01 Cut-off the top of the W.P. at the line where there is a thickness change in the material of the device. (Figure 8)



**FIGURE 8 - Cutting off the top**

3.02 Install the fuse on the transformer bushing as required by the fuse manufacturer or per your company practices.

3.03 Apply the W.P. tip/nose to the stinger wire by cutting the hole at the point and sliding the stinger wire in as described in steps 2.02 through 2.04. Slide the tip of the W.P. up the stinger wire toward the primary connection.

3.04 Slide the bottom section of the W.P. down over the top of the fuse and lock it on the insulator bushing as in step 2.05. The base of the W.P. may need to be rotated to line up the opening of the tube with the entrance of the bushing connector. It is recommended that the connector not come into direct contact with the inside surface of the W.P. (Figure 9)



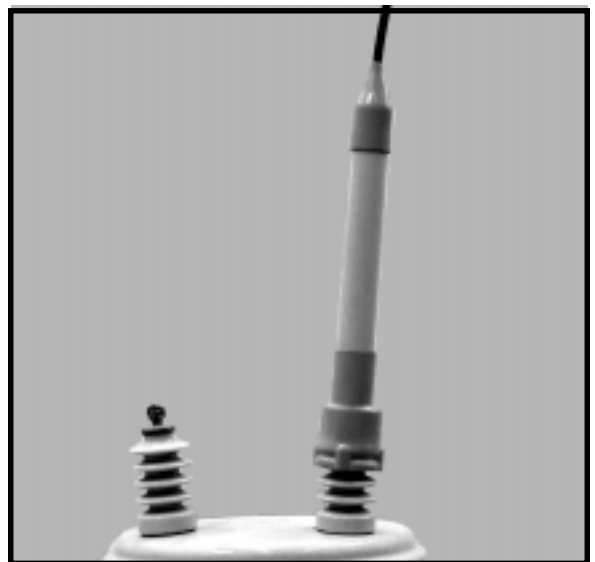
**FIGURE 9 - Installation of base**

**NOTE:** Ensure device is not pushed down past the point where the locking tabs snap over the 1st skirt. Installing past first bushing skirt will prevent water drainage through the weep chambers. Figure 7 in section 2 illustrates both the correct and incorrect applications.

3.05 Complete the attachment of the stinger wire to the fuse and slide the top portion of the W.P. down over the fuses top connector. This will complete the protective covering of the energized parts. (Figure 10)



**FIGURE 10 - Installation of tip/nose**



**FIGURE 11 - Completed installation for fuse application**

### **SAFETY CONSIDERATIONS**

1. 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. **CAUTION: FAILURE TO FOLLOW THESE PROCEDURES AND RESTRICTIONS MAY RESULT IN PERSONAL INJURY OR DEATH.**
2. This product is intended for the specified application. **CAUTION: DO NOT MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.**
3. This product is intended for use by trained craftspeople only. This product **SHOULD NOT BE USED** by anyone who is not familiar with and trained in the use of it.
4. When working in the area of energized lines with this product, **EXTRA CARE** should be taken to prevent accidental electrical contact.
5. For **PROPER PERFORMANCE AND PERSONAL SAFETY** be sure to select the proper size **PREFORMED™** products before application.
6. **PREFORMED** products are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.

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