

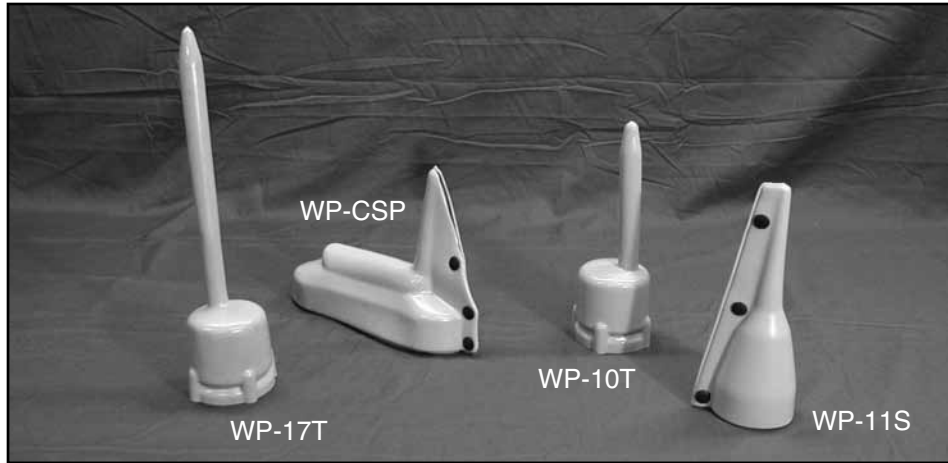


APPLICATION PROCEDURE

PREFORMED™ WILDLIFE PROTECTORS

Catalog Numbers: WP-11S, WP-CSP, WP-10T, WP-17T

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



1.00 GENERAL

- 1.01 Five models, of PREFORMED Wildlife Protectors are available (four of which are shown here). Each type suits a specific application.
- 1.02 The following application procedure includes a description of each type (referred to by catalog number), and an application method for attaching that particular model.

2.00 DESCRIPTION: WP-11S

- 2.01 PREFORMED Wildlife Protector–WP-11S is designed to cover a bushing jumper connection (retrofit) without disconnecting the primary lead (Figure 1).



Figure 1

3.00 ATTACHING THE WP-11S

- 3.01 Begin by cutting the rounded tip off the top of the protector (Figure 2).



Figure 2

- 3.02 Hold side slit open and place protector on top of bushing.

- 3.03 Secure the protector by pushing the locking pins through the holes in the opposite flap (Figure 3).



Figure 3

4.00 DESCRIPTION: WP-CSP

- 4.01 PREFORMED Wildlife Protector–WP-CSP (Completely Self Protected) is designed for use on CSP Type transformers (Figure 4).
- 4.02 Fits over first skirt of primary bushing and lightning arrester.
- 4.03 Can be installed on existing installations without disconnecting any jumpers.



Figure 4

5.00 ATTACHING THE WP-CSP

- 5.01 Begin by cutting the rounded tip off the WP-CSP as illustrated below (Figure 5).
- 5.02 Place WP-CSP over the connection (either direct wired or gapped bar) between the primary bushing and lightning arrester to cover exposed area.
- 5.03 Secure the protector by pushing the locking pins throughout the holes in the opposite flap.



Figure 5

6.00 DESCRIPTION: WP-10T and W-17T

- 6.01 PREFORMED Wildlife Protectors WP-10T and WP-17T are designed for use on single bushing transformers, reclosures, and capacitors where the wire can be disconnected.

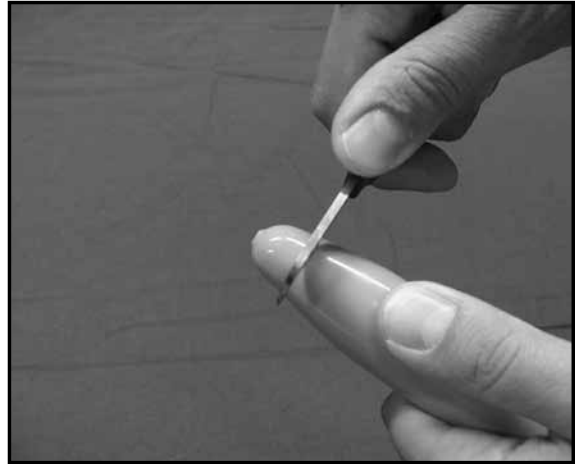


Figure 6

7.00 ATTACHING THE WP-10T and WP-17T

- 7.01 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 for a snug fit (Figure 6).

PLP Tip: Start with a cut of approx. 1/16" (1.5 mm). If larger hole is required, increase hole size by cutting 1/16" (1.5 mm) increments until stinger fits, snugly.

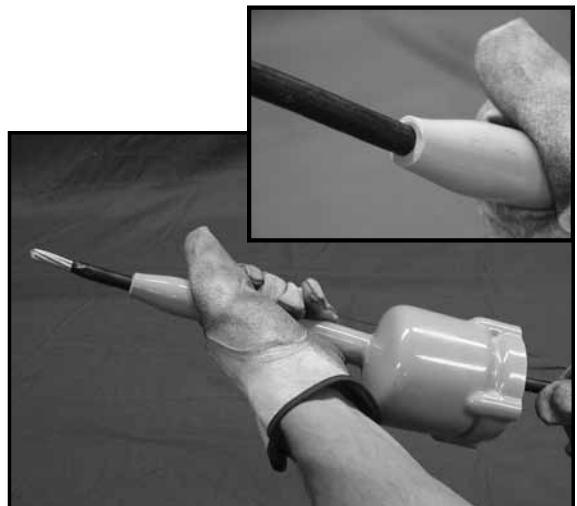


Figure 7

- 7.02 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 7).

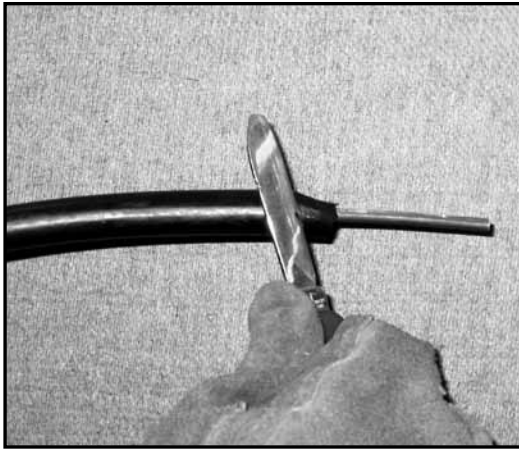


Figure 8

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

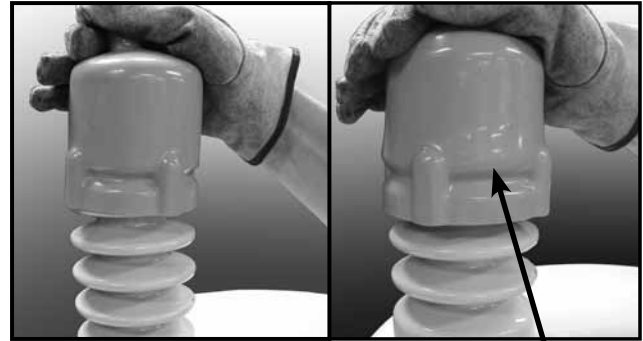
7.03 If stinger wire is already connected to primary, whittle the insulation material (Figure 8) into a cone on the transformer bushing end. This will ease the installation of the stinger as it is pushed through the tip/nose of the device (Figure 9).



Figure 9

7.04 After the stinger wire is through the top of the W.P. and is attached to the transformer, slide the W.P. down the stinger wire and **snap it over the 1st skirt** of the insulator bushing (Figure 10).

NOTE: Ensure the W.P. is not pushed down past the point where the locking tabs snap over the 1st skirt. Installing past the first bushing skirt will prevent water drainage through the weep chambers. Figure 10 illustrates both the correct and incorrect applications.



Correct

Incorrect

Figure 10

Bulge of the first bushing skirt above weeping vents prevents the exit of any water entering the device from the tip.

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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