

## DOWEL REPLACEMENT

- Step 1.** Loosen flat head bolt using 7/32" hex key to remove dowel. (Pup: 3/16" hex key)  
**Step 2.** Remove bolt from dowel. Dowel and bolt sizes vary between models.  
**Step 3.** Insert bolt into countersunk end of replacement dowel.  
**Step 4.** Thread bolt/dowel assembly onto Bulldog Bender handle and torque to 15 ft. lbs.

## SOUTHWIRE CONFIRMATION LETTER

Addressing possible damage to outer nylon jacket on THHN Cable



October 23, 2012

### Damaged Nylon on THHN cable

The wrinkling and small tears in the nylon jacket should have no effect on the insulation values of the cable. The nylon serves three functions in the role of the cable, none having an effect on the electrical integrity of the cable:

The first function of the nylon jacket is to provide mechanical protection to the PVC insulation during installation. The nylon jacket protects the PVC insulation from the hazards and rigors associated with pulling cables in conduits and cable trays. Because it is such a thin layer, it is common for the nylon jacket to tear during pulling. Many consider it to be a sacrificial layer. Most importantly, however, since the nylon does not serve a purpose in the electrical performance of the cable, one should not expect to experience any electrical problems with the cable as long as the PVC insulation is not damaged during installation. If the PVC insulation is damaged and the cable is installed in a wet environment, then the chances of failure for the cable increase. Adherence of proper cable installation techniques and sufficient lubrication should minimize the potential for damage to the cable.

The second function of the nylon jacket is to provide gasoline and oil resistance for the PVC insulation. Operating the cable where it may be subject to these conditions could present problems. If these conditions are not present, again, there should not be any anticipated problems.

The third and final function of the nylon jacket is to provide protection to the cable from Ultraviolet Light Exposure. Special inhibitors are added to the nylon to permit the cable to be used in applications where exposed to sunlight. This feature, however, only applies to those Southwire constructions marked "Sunlight Resistant". Small tears in the nylon should not jeopardize the integrity of the cable in such applications.

An Insulation Resistance Test can be performed on the cables for a check of their electrical integrity. Contact me if you have additional questions

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Huskie Tools  
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**Cable Bending Made Easy!**



Standard Handle

Pro Handle

Adapter Bar



**LIFETIME  
WARRANTY**

BUILT TO PERFORM. BUILT TO LAST.

# The Original Bulldog Bender™

Electrician designed & developed.

Proudly Made in USA.

Bending large gauge electrical cables is difficult, especially in tight spaces. Bulldog Bender gives you the power and leverage to easily install, bend, & terminate cables in service panels, LB conduit bodies, switchgear, motor controls, wireways, and meter bases.

## PRODUCT SPECIFICATIONS

### Bulldog Bender Styles

- Standard Handle
- 2-pc. Set: Pro Handle and Adapter Bar
- 3-pc. Set: Standard Handle, Pro Handle, and Adapter Bar

### Bulldog Bender Cable Capacity

#### THHN Building Wire

- **Pup:** 4/0 AWG and smaller
- **Original:** 500 MCM and smaller
- **Big Daddy:** 750 MCM and smaller
- **T-1000:** 1000 MCM and smaller

#### 15kV Underground Primary

- **Behemoth:** 1000 MCM and smaller

### Features

- Five tool sizes cover wide range of cable sizes up to 1000 MCM
- Provides power and leverage to easily install, bend, and terminate large cables
- High-strength steel construction and durable powder coat finish ensure long tool-life
- 90° offset dowel orientation allows ease of use in variety of applications
- Pro Handle with Adapter Bar allows left/right cable bends inside tight electrical enclosures
- Knurled and Smooth dowels included for maximum versatility and user preference. (Pup provided with Smooth Dowels only.)

## LIFETIME WARRANTY

This product is warranted to the original purchaser to be free of defects in material and workmanship. Defective product will be repaired or replaced at manufacturer's sole discretion. In no event shall manufacturer be liable for any incidental or consequential damages. Contact manufacturer for warranty claims (see back).



Standard Handle



Pro Handle

Adapter Bar

## SAFETY INFORMATION

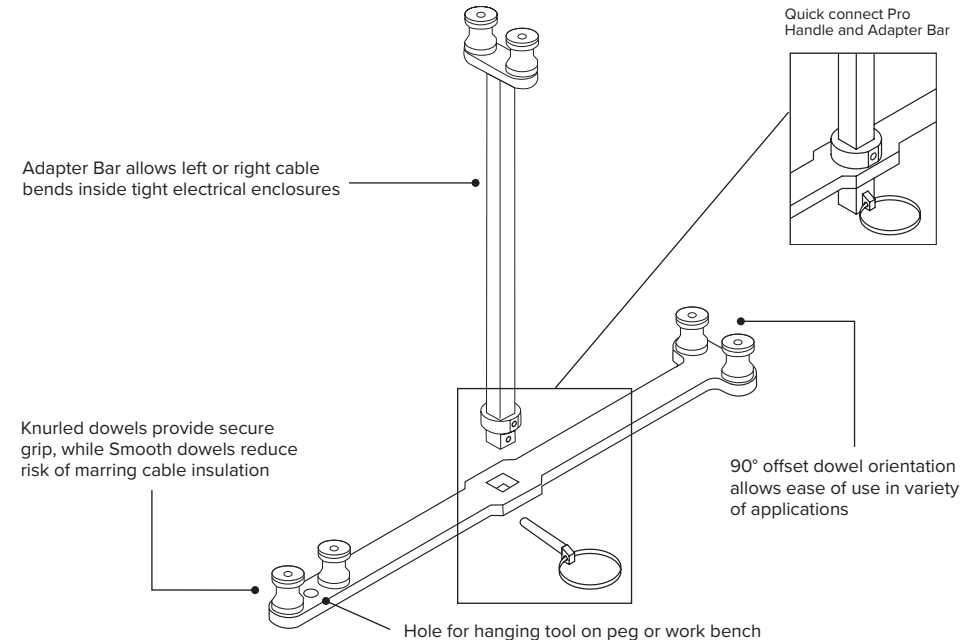
Operator must read, understand & follow instructions and safety information in this manual before using tool. This tool is intended for bending deenergized electrical cables only. Observe and follow all other safety rules and regulations for the job. Failure to follow safety precautions may lead to serious injury or death. Manufacturer shall not be liable for injuries or damages resulting from misapplication or misuse of its products.



**WARNING** Electric shock hazard:  
Do not use on energized circuits. Contact with live circuits could result in severe injury or death.

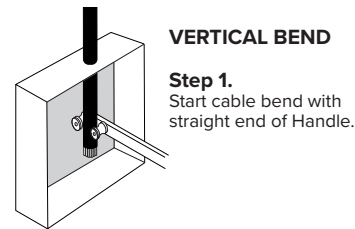


## BULLDOG BENDER GUIDE



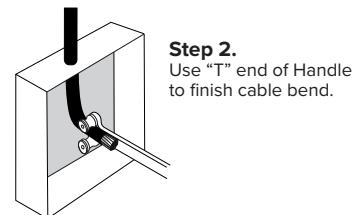
## BULLDOG BENDER USE

Follow cable manufacturer installation guidelines. Do not exceed minimum cable bend radius.

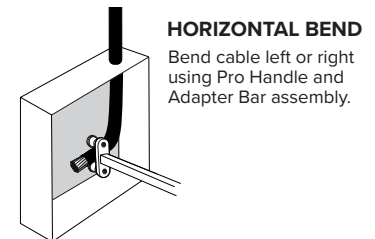


### VERTICAL BEND

**Step 1.**  
Start cable bend with straight end of Handle.

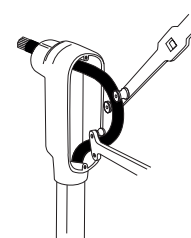


**Step 2.**  
Use "T" end of Handle to finish cable bend.



### HORIZONTAL BEND

Bend cable left or right using Pro Handle and Adapter Bar assembly.



### CABLE INSTALL LB Conduit Body

Two handle method:  
Use bottom handle to secure base of cable and top handle to lever cable through LB.