



Replacing Cable to STS 300

Installation Instructions

Before performing any maintenance work, ensure that power to the unit is switched off and the system is locked out.

Prior to attaching the replacement cable, the old grounding cable must be properly removed by the following procedure:

Tools Required:

#2 Phillips Head Screwdriver
9/16" Wrench

Removal:

1. Unscrew white cable's ring terminal from enclosure using Philips head screwdriver.
2. Pull back rubber protection boot, exposing the brass nuts beneath it.
3. Unscrew outer 3/8" brass nut using 9/16" wrench, and remove ring terminal.
4. Unscrew cable strap using Philips head screwdriver and remove from cable.
5. Slide rubber protection boot off of old cable.

Installation:

1. Install rubber protection boot onto new wire:
 - a. Gently fold white wire back.
 - b. Insert black cable into 7/16" end of boot.
 - c. Insert cable until ring terminal is visible in elbow of boot.
 - d. Fold rubber back and pull ring connector out.
2. Attach ring terminal of black wire to brass bolt and replace brass nut, tightening to 16 ft-lbs using 9/16" wrench.
3. Slide rubber protection boot back over brass nuts so that it covers the lip of the phenolic nut and is flush with the enclosure wall.
4. Screw ring terminal of white wire to the enclosure.
5. Attach cable strap to wire and screw onto enclosure. The final assembly should look like the one in the image.



Grounding Cable Fully Installed

RUBBER
PROTECTION
BOOT