

# ALPHA 3 WRAP DETECTOR

## Retrofit Instructions

### Product Information Bulletin #3511

For Alpha Systems manufactured prior to 1/1/96  
(March 26, 1996)

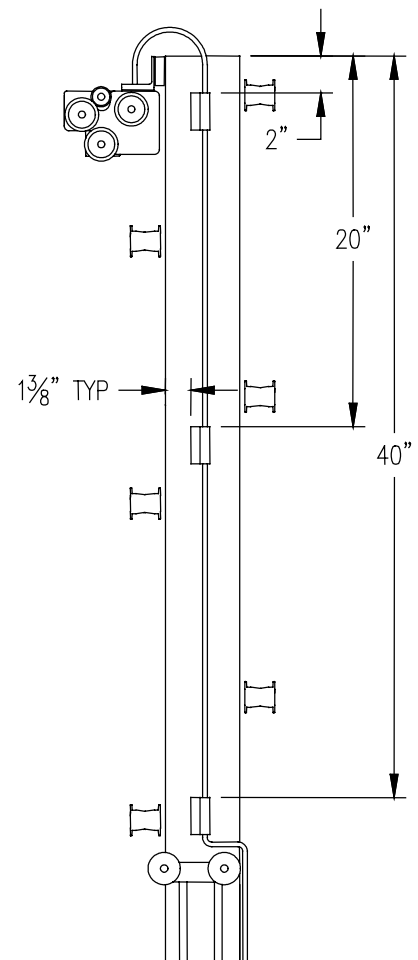
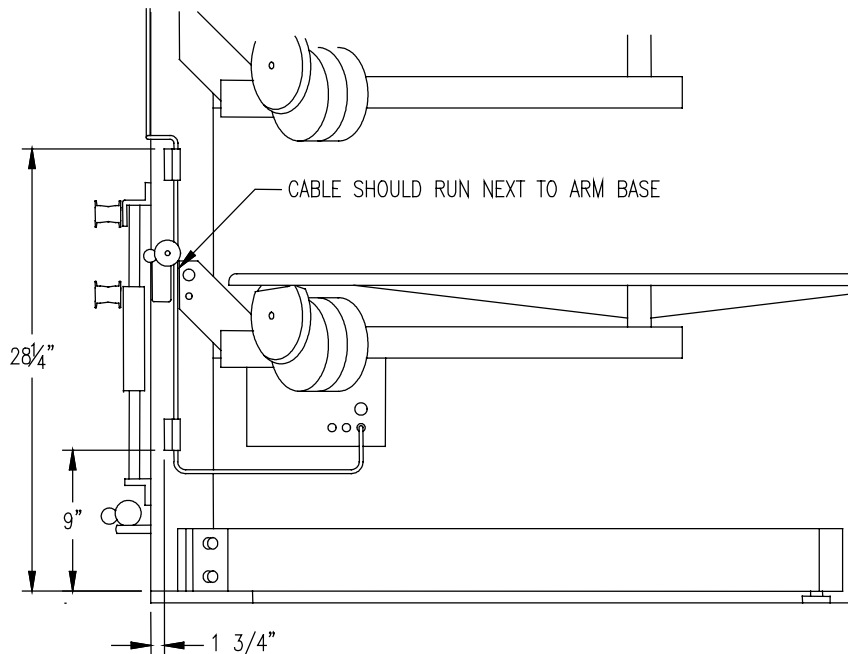
The Wrap Detector installation kit includes:

- Left Hand Wrap Detector assembly with Mounting Brackets, Wire Harness & Backup Washer.
- 5 Cable Mounting Clips.

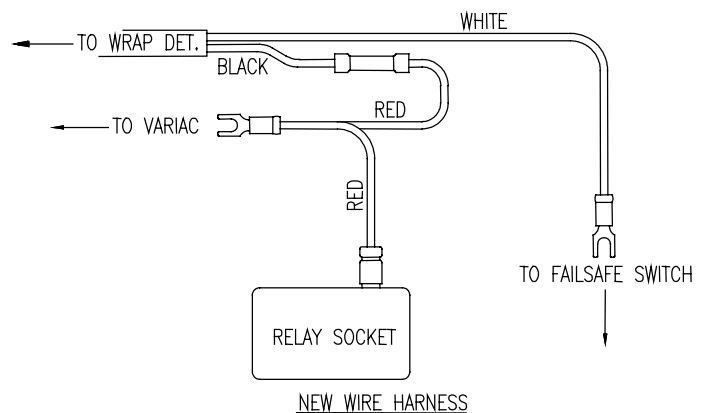
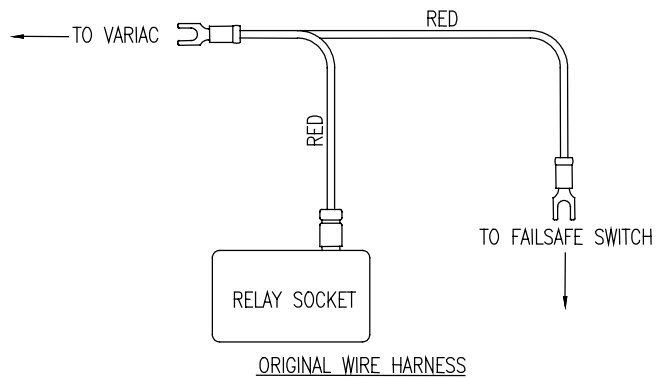
### WRAP DETECTOR INSTALLATION

**CAUTION: TO AVOID ELECTRICAL SHOCK HAZARD** turn the power switch to **OFF** and unplug the power supply cord.

1. Replace the existing column feed pulley bracket and castor swivel assembly with the Wrap Detector assembly.
2. Place the cable mounting clips onto the column as shown below. Clean the column surface with isopropyl alcohol before sticking the clips to it. Do not put the cable into the clips.



3. Pull the hole plug out of the bottom right hand corner of the variac housing.
4. Slide the backup washer onto the wrap detector cable and run the cable through the newly opened hole.
5. Disconnect the existing red wire from the failsafe switch and pull it through the plastic bushing.
6. Cut off 2" from the end of the red wire and strip the insulation back ¼"
7. Butt splice the red wire to the new black wire.
8. Run the new white wire through the plastic bushing and connect it to the failsafe switch.
9. Clamp the strain relief onto the gray cable approximately 1" from the end. Slide the backup washer onto the strain relief and press the strain relief into the open hole. The backup washer will be between the strain relief and the variac housing.
10. Replace the variac cover.
11. Route the gray cable along the column and through the clamps as shown on page 1. There should be some slack between the column and variac and between the column and wrap detector. The cable should be tight between clamps on the column.



**NOTE:** The cable must run against the bottom arm base plate and lay flat against the column so that it does not interfere with the bottom feed castor.