

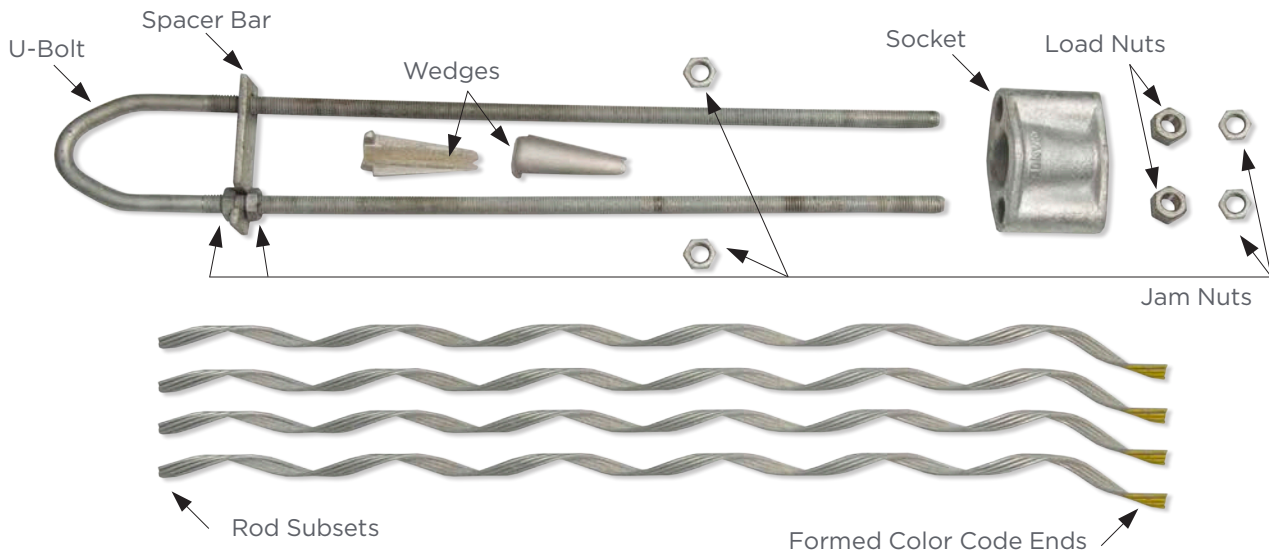
# ADJUST-A-GRIP<sup>®</sup>

## INSTALLATION INSTRUCTIONS



## Nomenclature of Adjust-A-Grip Deadend\*

All catalog numbers have 4 rod subsets except Cat. No. 1270 AWA which has 5 subsets.



### STEP 1

Pre-tension guy strand with appropriate equipment. Be sure to place the tensioning device high enough on the guy strand to permit installation of the rod subsets.



### STEP 2

Remove the 2 jam nuts and 2 load nuts and move the spacer bar to one side of the U-Bolt to permit installation of U-Bolt into termination hardware.



### STEP 3

Cut the guy strand to the proper length. The cutoff point may be determined by sliding the socket onto the U-Bolt to the desired location then marking the guy strand (Left). Be sure to allow enough strand to extend at least two (2) inches beyond the end of the wedges (Right).



### STEP 4

Slide the socket up the guy strand with the larger opening pointing toward the U-Bolt. The socket can be secured out of the way temporarily.



### STEP 5

Position the two wedge halves around the guy strand at least two (2) inches from the end (Left), start the first rod subset by placing the color-coded end on the wedge. Allow the ends of the rod subset to extend approximately  $\frac{1}{4}$ - inch beyond the edge of the wedge (Right).



### STEP 6

Wrap the rod subset onto the guy strand (Left). Note that the subset holds the wedges on the strand.



### STEP 7

Complete the installation of rod subsets. Be sure the ends are snapped onto the guy strand (Left). Note that the formed ends spread symmetrically over the wedge (Right).

### STEP 8

Slide the socket down onto the wedge and onto U-Bolt. Tension to desired load by tightening load nuts alternatively so that the socket is lined up square on the U-Bolt. To insure guy efficiency, normal working tension should be at least 10% of the rated strength of the Adjust-A-Grip **AT THE TIME OF TOWER ERECTION.**





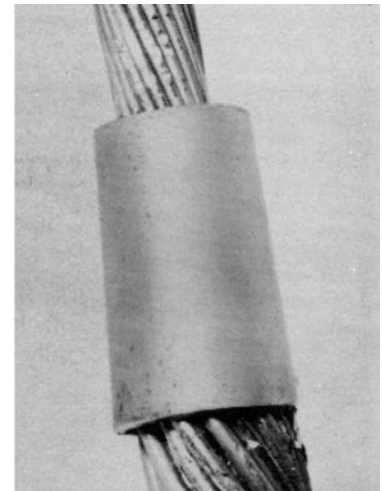
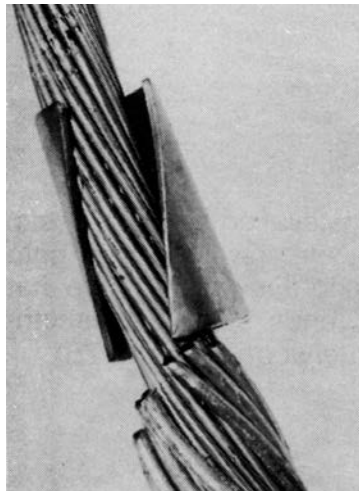
## STEP 9

After the desired tension is attained, tighten all jam nuts. This completes installation if the tower height is less than 200 feet.

For towers 200 feet and taller, a serving sleeve must be used on rod ends. (See Step 10 below and Recommendation 7 under Installation Recommendations on following page)

## STEP 10

With larger end of serving sleeve toward Adjust-A-Grip, use slot in sleeve to place it on the guy strand (Left). Slide sleeve over Adjust-A-Grip rod ends and firmly seat it (Right).



## INSTALLATION RECOMMENDATIONS

1. Chance® offers this guide only as an aid for installing Adjust-A-Grips. Your prescribed company safety regulations and construction practices should be followed.
2. Chance® recommends that final guy tension of at least 10% of the guy strand rated strength be maintained.
3. Use Adjust-A-Grips only on the size and type of guy strand for which they are designed and listed in the catalog.
4. Guy tensions can be determined by the amount of torque applied to the load nuts. Consult with Chance® for procedure.
5. Adjust-A-Grips should not be used as tools or come-a-longs.
6. Provided they are not damaged, the socket, wedge, U-Bolts, and nuts may be reused. The rod subsets may be removed and reapplied twice within 90 days of initial installation, provided they are not distorted or otherwise damaged.
7. If Adjust-A-Grip is used on towers 200 feet or taller, a serving sleeve also must be used to help restrain rod ends.

## About Hubbell Power Systems:

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*Hubbell Power Systems (HPS) manufactures a wide variety of transmission, distribution, substation, OEM, underground and communications products used by utilities. HPS products are also used in the civil construction, transportation, gas and water industries. Our product line includes construction, switching and protection products, hot line tools, insulators, arresters, pole line hardware, cable accessories, test equipment, transformer bushings, connectors, grounding equipment and polymer precast enclosures and equipment pads.*

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