

## Residential Flagpole Installation Instructions

### INSTALLERS TAKE NOTICE!!

Overhead electrical lines, buried utility cables and natural gas lines pose situations that require EXTREME CARE DURING INSTALLATION of foundations and flagpoles.

### I. STORAGE

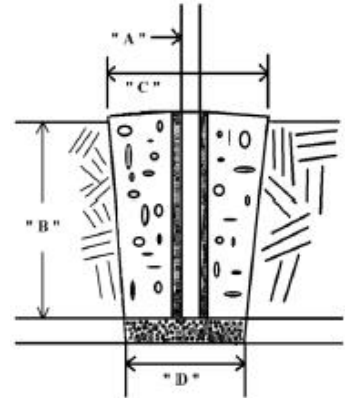
1. Remove wrapping materials and set pole on blocks (in dry area).  
**CAUTION:** Wrapping materials, if left on pole, can cause serious staining of aluminum pole in damp environments.
2. Check for any transportation or handling damage.
3. Cleaning - Dirt, oil, fingerprints, etc. can be removed using detergent and water.

### II. FOUNDATION AND GROUND SLEEVE INSTALLATION

**Material** - Ready Mix Concrete; 3000 psi, unless otherwise specified.

- Step 1. Dig hole approximately as shown on chart.
- Step 2. Set sleeve slightly above grade level.
- Step 3. Set sleeve plumb in center of hole and pour concrete outside of sleeve.
- Step 4. Cover sleeve opening to prevent accumulation of debris and water.

Exposed Height	Overall Height	A Pole Dia.	B Sleeve Length	C Foundation Width at Top	D Foundation Width at Base
15'	16'6"	3"	18"	18"	16"
20'	22'	3" or 4"	24"	18"	16"
25'	27'6"	3" or 4"	30"	18"	16"
25'	27'6"	5"	30"	30"	24"
30'	33'	4"	36"	30"	24"
30'	33'	5"	36"	36"	30"



### III. FINIAL/ TRUCK ASSEMBLY

- Step 1. Apply epoxy to threaded end of finial (Do not apply epoxy on spindle). Mount by screwing into top of truck (Never tighten by grasping the finial by hand. Tighten the finial with a wrench mounted to the solid rod portion of the finial spindle).
- Step 2. Mount complete assembly by screwing into top of pole. If truck is stationary type, slip over the top and attach by tightening allen screws or screws supplied. (Line up pulley at top with cleat at bottom before tightening).

### IV. HALYARD ASSEMBLY

- Step 1. Run one end of halyard through sheave (pulley) located in the truck. Knot both ends of the rope together at cleat area.
- Step 2. At approximate location of snap, pinch a loop in the halyard and slip the loop through the eye of the snap. Now pull the loop over the top of the snap and draw tight. Adjust the position of the snap by creating slack in the desired direction.

### V. POLE INSTALLATION

**NOTE:** Before inserting pole, slide flash collar up from bottom and hold in place at cleat location by resting on cleat screws partially screwed into pole.

- Step 1. Insert assembled pole in ground sleeve by laying pole flat on ground with base at the edge of the sleeve. Have one person firmly hold the base of the pole use caution and guide it into the hole. At the same time, another person starts at the top of the pole and gradually walks the pole upward until it slides down into the sleeve.
- Step 2. After inserting into sleeve, plumb pole with wooden wedges (supplied by others).
- Step 3. Fill space between sleeve and pole with screened dry sand. Tamp down tightly.
- Step 4. Slide collar down into position and caulk around top.
- Step 5. Fasten cleat(s) and/or halyard box into position.