

INSTALLATION DETAILS

- Recommended crew (Adult): 2
- Installation time: 1 (2 man hrs)
- User age: 5-Adult
- Use zone: 6' on all sides
- Weight: 80 lbs

SURFACING: Use of safety surfacing in compliance with ASTM specification F1292 is required.

MAINTENANCE:

- As the owner of the playground you are responsible for maintenance of the equipment and play area. A maintenance schedule must be developed and the equipment inspected frequently. A maintenance section that includes component specific maintenance requirements is included at the end of this manual.
- Be sure to inspect surfacing for foreign objects that could cause injury and that sufficient surfacing is in place in accordance with ASTM and CPSC standards.



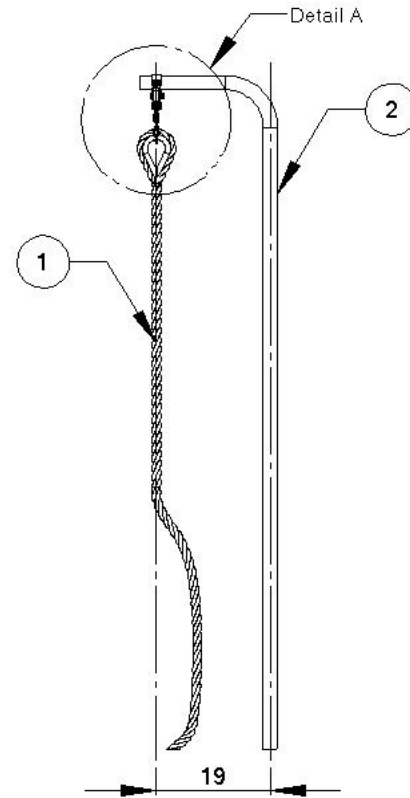


**511-146P ROPE CLIMB
INSTALLATION INSTRUCTION**

PARTS LIST

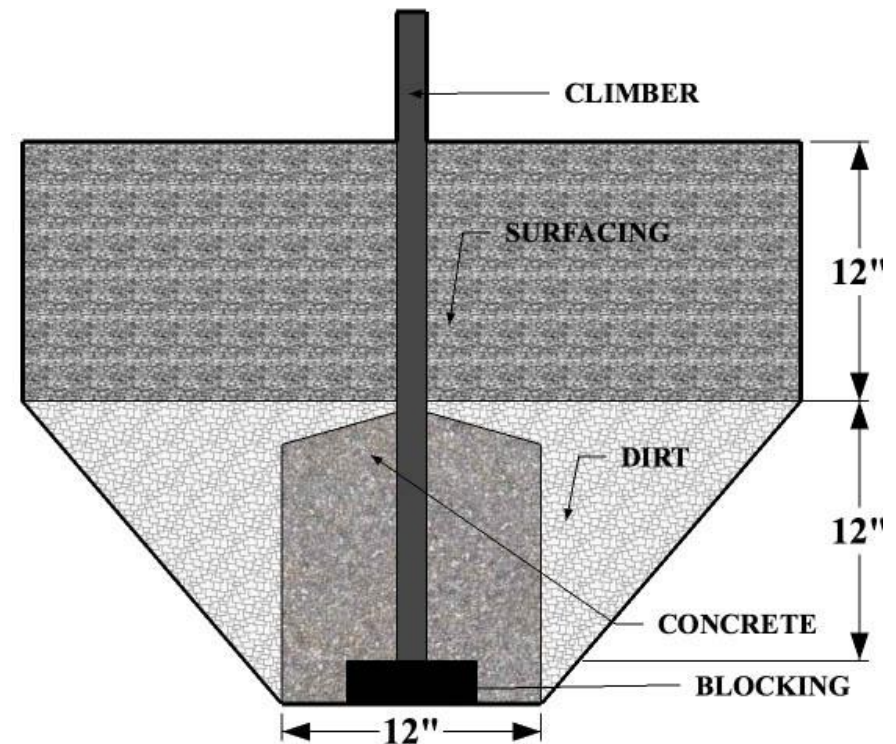
ID	PART #	DESCRIPTION	QTY
1	533-981	1-1/2" Rope 10' Long	1
2	503-100	2-3/8" Sliding Pole	1
3	585-520	2-3/8" Swing Hanger	1
4	345-506	D Shackle	1
5	317-140	1' 4/0 Chain	1
6	317-140	3' 4/0 Chain	1
7	105-017	2-3/8" Pipe Plug	1
8	345-905	Clevis Key for D Shackle	1

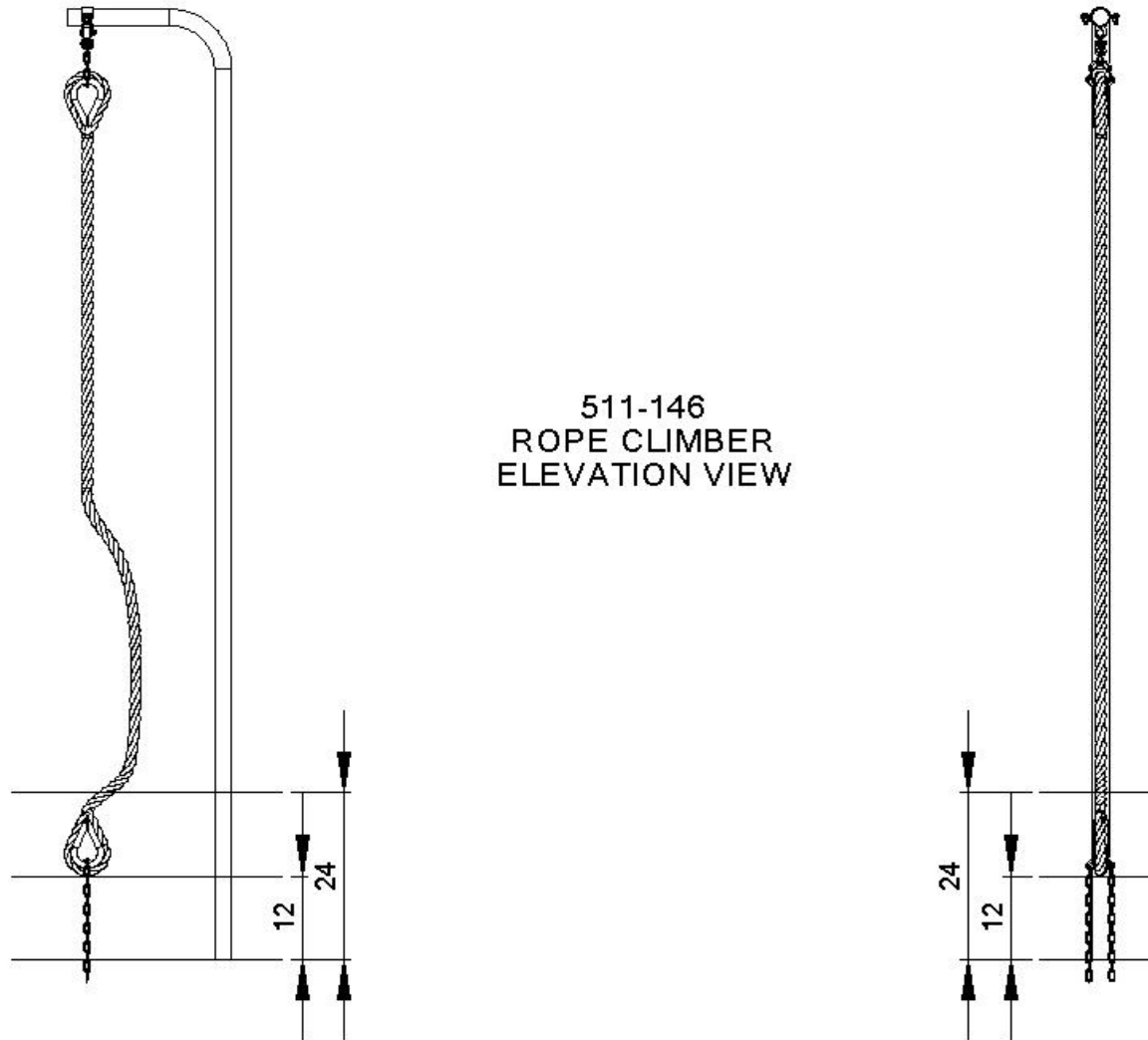
NOTE: Keep a copy of these instructions on file to assist you with maintenance and replacement parts.



FOOTING INFORMATION

- Total footing depth is 24" less the height of the surfacing plus the height of the blocking material. If you were using 12" of surfacing the footing hole would need to be 12" plus the height of the blocking material (refer to the cutaway view to the right).
- If the Play structure is installed on an unlevel grade you must adjust the footing depth to accommodate the grade. For instance, if the grade for this component is 1" higher than the surface grade of the main playground post you must dig your footing hole 1" deeper.
- It is the owner/installers responsibility to check local building codes and to comply with those codes. All footing depths listed here are recommendations and local soil types and frost lines may require a deeper and/or wider footing depth. If that's the case you must add more blocking material to accommodate the deeper footing, as the post length will still only be installed at the depth listed in this instruction manual.
- Assemble the entire unit before adding the concrete unless instructed to do so in the individual component instruction sections.







SPECIFICATIONS

- Hardware – Stainless steel & tamper resistant
- Attachment Bracket – Powder coated steel

SPECIAL SAFETY & ASTM COMPLIANCE NOTES

CRITICAL MEASUREMENT IT IS EXTREMELY IMPORTANT THAT YOU MAINTAIN A MAXIMUM OF 3 1/2" DISTANCE BETWEEN THE TOP, BOTTOM, OR SIDES OF THE PANEL.

INSTALLATION TIPS & TROUBLE SHOOTING

- Apply locktite to all bolts during assembly prior to completely tightening them.
- Stainless Steel hardware can occasionally be difficult to use particularly if you need to take them out to make an adjustment. It is recommended that you add a drop of oil to bolts that may have to be removed before you install them.
- Do not tighten bolts all the way until the unit is completely assembled and all components are square and level.
- Identify and separate all parts by referencing the detail drawings and the parts list.
- As you unpack and separate the components use the cardboard sheets that were used for packing and shipping to prevent damage to the components. This is particularly true for all Powder Coated and Thermoplastic coated components, by setting the components on top of the cardboard.

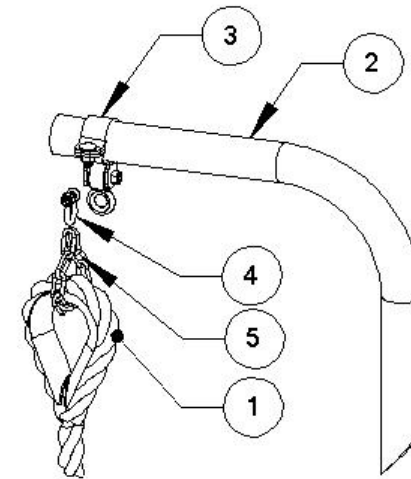
BEFORE YOU BEGIN

In addition to the components on the packing list you will need a shovel or post hole digger, cement, 3/4" wrench, hammer, tape measure, level and blocking material to support the Sliding Pole.

INSTALLATION STEPS

- __1) **Review all instructions before beginning**
- __2) **Unpack, organize, and identify all components:** Be sure to place all painted components on a protective surface (cardboard, cloth, etc...) to prevent damage.
- __3) **Locate placement of the Rope Climb:** See top down view of your instruction booklet.
- __4) **Dig your footings:** The center of the footing hole for the Sliding Pole will be 19" away from the 3' 4/0 chain secure hole.
- __5) **Set Sliding Pole and 3' 4/0 Chain:** After you have the footing dug, you will need to place the Sliding Pole (2) in the footing hole. You will need to use blocking material to hold the pole in to a level position and stabilize at the proper height. Thread the 3' chain through the loop of the rope (Refer to Elevation View). To secure the Rope the chain will be submersed in concrete to the edge of the rope. Now you can pour the cement into the footing hole and the chain secure hole. Be sure to use concrete with a minimum 2,500 psi and mix the concrete per the manufacturer's directions before you pour it into the footing hole. Once the footing has been filled with concrete you should rope of the area for a minimum of 48 hours to allow the concrete set properly.

Detail A





INSTALLATION STEPS CONTINUED

__6) **Install Swing Hanger:** After the cement has dried you can install the Swing Hanger. Thread the 1' 4/0 Chain through the loop of the unsecured end of the Rope. Use the Clevis Key (8) to remove the bolt of the D Shackle. Thread the ends of the 1' 4/0 Chain to the D Shackle. Attach the D Shackle to the eye of the Swing Hanger. Note: This is maybe a tight fit. A hammer may be needed to tap together. Reattach the bolt of the D shackle. Assemble the Swing Hanger to the Sliding Pole. The Swing Hanger edge should be 2" from the edge of the Sliding Pole. (See Detail A)

__7) **Once the concrete has set,** back fill dirt over the footing holes; inspect the area and components for tools, hazardous debris and sharp edges. Verify all components are installed and all hardware is tight and then install the safety surfacing.

__8) **Inspect the components:** for sharp edges and if necessary file them down and apply touch up paint.

__9) **Insert 2-3/8" Pipe Plug** into the exposed end of the Sliding Pole.

__10) **Attach Labels:** Attach Warning Label and Manufacturer's Identification Label to a clean surface. The labels should be attached in a location clearly visible and away from normal hand and foot placement areas. The labels must be replaced if they become illegible, destroyed, or removed. Contact your distributor for replacements.

