



[www.prowellwoodworks.com](http://www.prowellwoodworks.com)

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## **INSTALLATION GUIDE FOR PROWELL PORCH SWINGS**

The swings ship fully assembled. Installed in place are four I-bolts. Shipped in the hardware package is:

- Coated 3/16" chain or natural fiber rope.
- six Clevis Connectors.
- Two Springs
- An optional ceiling swivel mount.
- Brass crimps for rope options.

### **CHAIN SUPPORTS**

The chain arrives as a Y. The two shorter lengths connect to the I-bolts mounted to the side of the swing by means of the Clevis Connectors. These connections to the swing are labeled A and B with their corresponding I-Bolts. At the point where the long chain length meets the Y, another connection is already in place using the Clevis Connectors. This is a specification that should not be altered or changed, as it dramatically affects the motion of the swinging action and the general safety of the swing.

The single length of galvanized chain connects with the heavy duty springs, which in turn connects to the swivel mounts. The swivel mounts bolt to the overhead structure. It is important to insure there is proper framing and sufficient strength in the overhead framing to support the weight of the swing.

Although the Swivel Mount is optional, it does provide a swing motion without the friction of connecting directly to the springs.



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## **ROPE SUPPORTS**

The swings hung with rope instead of chain have two lengths coming off their I-bolts in the swings and carrying the length to the ceiling mounts. There is no Y, as with the chain.

Instead of using Clevis Connectors, the rope is secured to the I-bolts, The rope arrives with braided loops connected to carabines. The carabines fit to the four I-Bolts on the swing. To insure your swing is hung with a slight cant ( $7^{\circ}$  +/-), you can secure all four ropes at the same length using the brass crimps for the top ceiling connection and then utilize the extra four carabines in the shipped package to lengthen the rear ropes to the desired angle of your swing seat. The brass Crimps are essentially the same crimps used for horse leads. Tightening the crimps requires a vise; they cannot be lightened by hand. Obviously the crimps need to be absolutely closed to fully secure the rope's connection from slipping.

\*\*For more information, drawings, and photos, see Product Specifications on the web site.