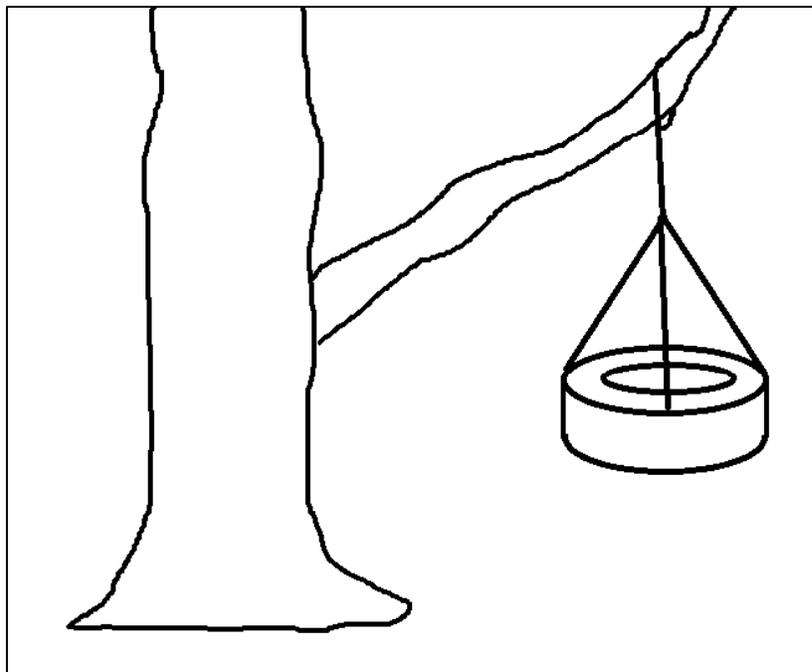


# HOW TO HANG A TIRE SWING FROM A TREE



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Questions, problems, missing parts? Please contact us at 610-489-1519, 8:00 am to 5:00pm EST Monday – Friday, or email us at [info@all4thekids.com](mailto:info@all4thekids.com) or visit our website: [www.all4thekids.com](http://www.all4thekids.com)

# Playset Junction LLC

*making memories one playset at a time*

## **⚠ YOU MUST READ, OBSERVE AND UNDERSTAND THE FOLLOWING SAFETY ITEMS**

### **Pre-Construction Safety:**

- You must read through the instructions several times to familiarize yourself with the instructions, techniques and safety issues.
- Be sure to contact your local municipality regarding any permits, set backs, zoning issues and homeowner association ordinances.
- Choose a site that is relatively flat and free from major obstacles. You **MUST** have a Safety Zone all around your playset. A safety zone is free from structures/obstacles consisting of, but not limited to: rocks, fences, sheds, pavement, decks, clotheslines, low overhanging tree branches, and overhead wires.
  - You **MUST** have a safety zone of at least 6' around all structures including slide exits
  - Swings need a 16' minimum safety zone in front and back

### **Construction Safety:**

- Be sure to pick up any nails/screws/bolts you may drop right away. We highly recommend using a magnetic roller over the construction zone once you are finished to pick up any loose hardware.
- Install and maintain a shock-absorbing surface around the play equipment.** The minimum depth of the material is 9". Refer to the table below for material-specific depths. For tire swings, install protective surfacing outward from the swing equal to the suspension chain plus 6 feet.

<b><u>Material (Loose fill)</u></b>	<b><u>Minimum Depth</u></b>
Wood Mulch	9"
Wood Chips, Fine Gravel, Playground Sand	12"

Table 1

- Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.**

### **Usage Safety:**

- YOU ASSUME ALL RISK BY USING THESE INSTRUCTIONS. NO TWO TREES ARE THE SAME AND INSTALLATION MAY VARY SLIGHTLY DEPENDING ON YOUR TREE**
- Adult supervision is a **MUST** at all times.
- Educate your children and any child using your playset/tire swing on the following:
  - NEVER** walk in front of or behind a swing or moving object when in use.
  - NEVER** jump off a swing when in motion.
  - NEVER** use or attach objects not intended for the playset. This includes, but is not limited to: pet leashes, clotheslines, jump ropes and volleyball nets.
  - DO NOT** use a tire swing when raining.
  - DO NOT** use any fort/tree as a cover during lightning storms.
  - DO NOT** swing empty swing seats.
  - DO NOT** twist swings made of chain or rope. This can cause fatigue of the swing and the swing hangers.
- Observe the weight limits of both swing seats **AND** swing hangers.
- Never dress a child in loose or stringed clothing if they will be on playground equipment. The loose/stringed clothing can get caught on swing set components and pose a strangulation hazard. Loose clothing consists of, but is not limited to: hooded sweatshirts with strings on them, scarves, ponchos, and mittens.
- NEVER** wear a bike helmet on playground equipment. It poses a strangulation hazard.
- Do not allow children to play or linger in front of slide exits or to climb up slides.

### **Maintenance:**

- When construction of your swing is completed, recheck all fasteners once per week for the first month and then twice per month after that. Retighten as necessary.
- In colder climates, bring swings and accessories inside for the dormant season.
- Check swings and hangers twice per month for any deterioration. If necessary, replace swing seat or hangers.
- Check for splintering wooden surfaces and repair as necessary.
- Rake surfacing periodically to prevent compaction and maintain appropriate depths per Table 1.

### Step 1: Prep and Safety

- 1) Tool Safety: Before you begin, make sure you know how to properly use power tools. Also be sure to follow the safety precautions with each power tool.
- 2) **NEVER leave power tools (if needed), especially saws, unattended and plugged in when you are not present. Children are very curious and a serious accident could occur.**
- 3) Prep: Unlike standard swing sets and playgrounds, tree swings present a unique challenge in that no two trees are alike and the hardware/techniques used to hang the tire swing can vary. Be sure to choose a tree limb that can support at least 400 lbs. Hardwood trees like Maple and Oak make better supports for a tire than softer trees like pine. **WE CANNOT BE HELD RESPONSIBLE IF YOU CHOOSE A TREE LIMB INCAPABLE OF SUPPORTING THE FORCE OF A TIRE SWING OR A TREE THAT HAS DECAY AND IS NOT STRUCTURALLY SUFFICIENT.**
- 4) Normal tire swings on a residential swing set need at least 24" of clearance between the tire and any structural support. For a tire swing mounted to a tree, we recommend at least 4' of clearance between the tire and the tree trunk. If your tree branch is over 10' tall, we recommend at least 5' of clearance.

### Installation Types

There are two main installation types when hanging a tire swing from a tree: Those branches you can reach (Standard Installation), and those that you cannot (Extra High Installation). If you can reach your tree branch with either a large step ladder or extension ladder, it is easier and cheaper to install the tire swing using the Standard method. **WARNING: USE ANY AND ALL LADDERS AT YOUR OWN RISK.**

### Material list (Standard or Extra High Installation)

- (1) Tire swing-Residential or commercial
- (3) quick links
- (1) Eye to eye swivel
- (#) Chain (to hang from tree branch)



Tire Swing



Chain



Eye Swivel



Quick link

X 3

All of these materials can be found on our website [www.all4thekids.com](http://www.all4thekids.com)

**Standard Tire Swing Installation**

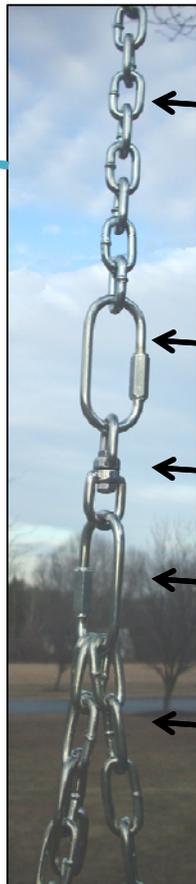


Fig. 1: Overall



Quick Link

Fig. 2: Branch



Chain from tree branch

Quick Link

Eye Swivel

Quick Link

Tire Swing chains

Fig. 3: Close-Up

### **Standard Tire Swing Installation**

Standard tire swing installation starts with looping the chain around the tree branch and securing with a quick link. Make sure you tighten the quick link with an adjustable wrench or open end wrench. To figure out how much chain you need from the tree branch to the tire swing, measure the height from the ground to where you would like to hang the tire swing and subtract 4 feet. This puts the tire about 12" from the ground. If you would like the tire higher, simply use less chain. You may need to cut off the excess chain with a pair of bolt cutters.

Once the chain is hanging down from the tree branch, you can attach the tire swing to the chain using the hardware in figure 3 on the previous page. Make sure you tighten all quick link connections with a wrench.

### **Extra High Tire Swing Installation**

The diagram on the next page refers to a typical installation for an extra high tree branch. To figure out how much chain you need from the tree branch to the tire swing, measure the height from the ground to where you would like to hang the tire swing and subtract 4 feet. Then, multiply this by two. This puts the tire about 12" from the ground. If you would like the tire higher, simply use less chain. You may need to cut off the excess chain with a pair of bolt cutters.

To get the chain over the tall tree branch, you may need to use some rope to throw over the branch. Then you can tie the chain to the rope and pull the chain over the branch.

### **Rope Instead of Chain**

You can also use rope instead of chain to hang the tire swing. We recommend 5/8" rope minimum. All you have to do is tie the rope to the top quick link in figure 3 or 6.

### Extra High Tire Swing Installation



Fig. 5: Overall



Fig. 3: Close-Up

Chain from tree branch

Quick Link

Eye Swivel

Quick Link

Tire Swing chains