



**marath•n**

# Tire Manual

**Northern Tool Item #:** 18578

**Marathon Part #:** 20011

**Description:** Pneumatic/Air Filled;  
4.10/3.50-4" sawtooth; 3/4"  
bearing bore; 2.25" hub

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# 1. Safety Information

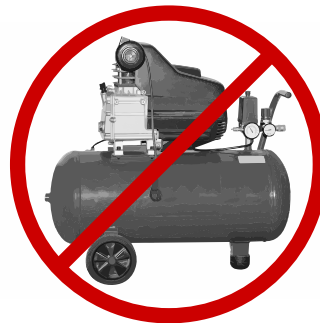
Use gloves to install



Wear safety glasses



**Not for highway use.  
Max Inflation 30psi. Manual pump only.  
Do not use air compressor.**



## Customer Service

If you have any questions regarding this product, please don't hesitate to contact us.

### **Toll Free**

877-425-1640  
253-893-7021

### **Online**

Email: [sales@marathonind.com](mailto:sales@marathonind.com)  
Website: [www.marathonind.com](http://www.marathonind.com)

### **How-To Videos**

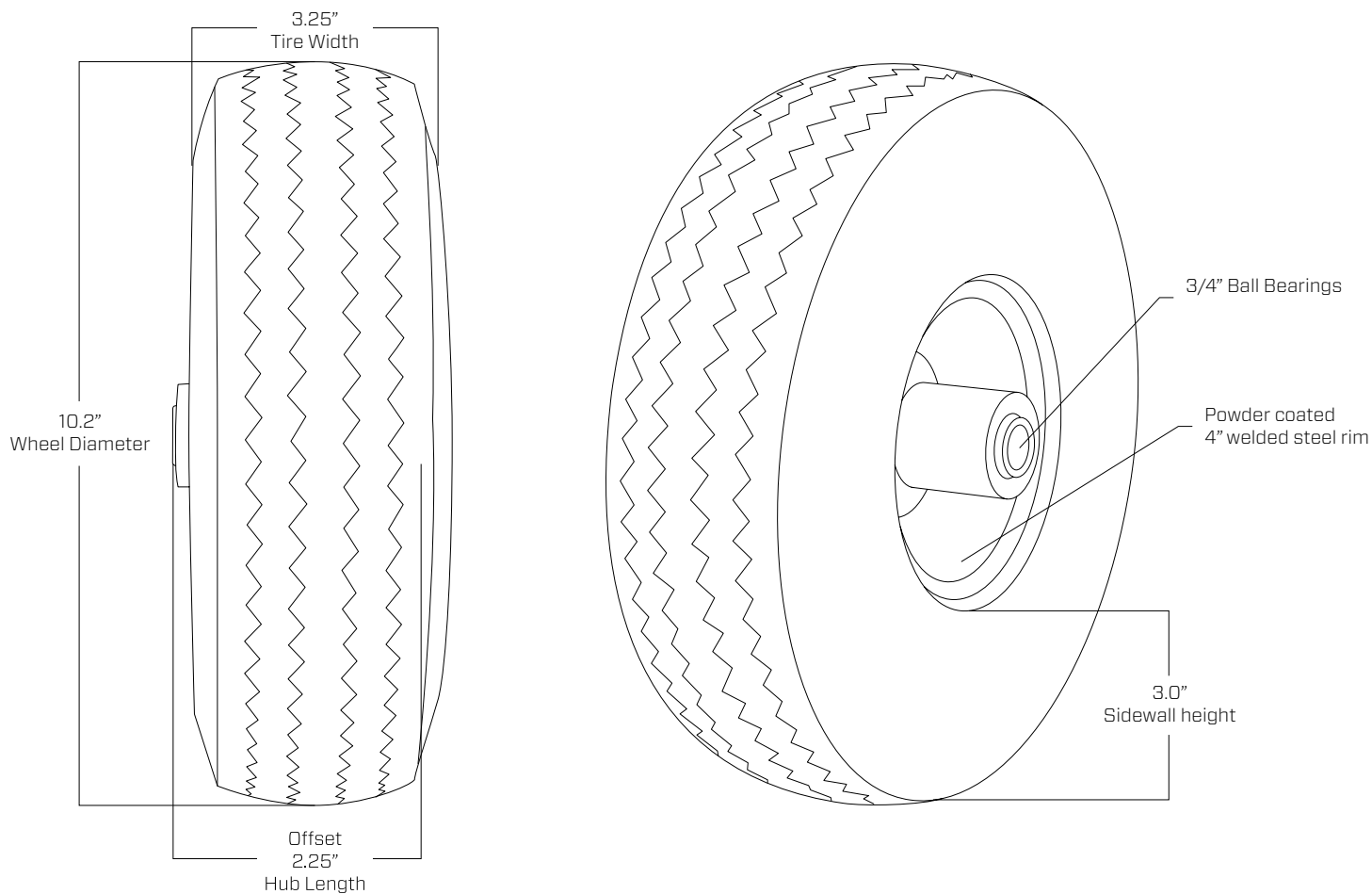
If you have any doubts, check out our [How-To videos online](#)

# 2. Tire Spec. Information

**Northern Tool Item #:** 18578

**Marathon Part #:** 20011

**Description:** Pneumatic/Air Filled; 4.10/3.50-4" sawtooth; 3/4" bearing bore; 2.25" hub



## Tire Uses



**Pressure Washer**



**Generator**



**Hand Truck**



**Spreader**

# 3. Installation Instructions

## Note:

These installation instructions apply for installation on most standard hand trucks. For installation on other equipment, please see original equipment manufacturer's manual.

You will need: pliers, gloves, eye protection, Marathon Flat Free Tire.

1

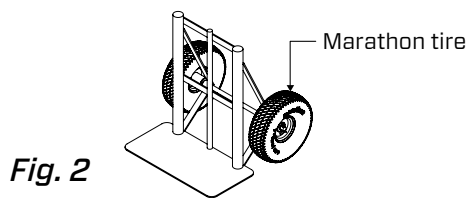
### Step One:

Put on your gloves and eye protective-wear.  
Put the hand truck on the ground or on a solid surface with the wheels facing up.

3

### Step Three:

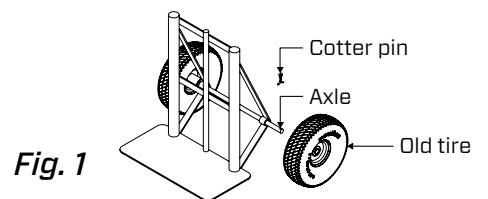
Replace your old tire with your new Marathon Tire and secure the tire to the axle using the item removed in step number two. Repeat the process to replace the other hand truck tire (*Fig. 2*).



2

### Step Two:

Remove your old tire from your hand truck axle. Typically your tire will be held on by a cotter pin, lock washer, or an axle cap. You will need to remove the item that holds on your wheel and remove the old tire from the axle (*Fig. 1*).



## Videos:

For a demonstration video, please visit the following link:

<http://www.youtube.com/watch?v=WLF8nr4KEzU>

# 4. Bearing Replacement

You will need: hammer, screwdriver, block of wood, replacement bearings, gloves and eye protection.

1

## Step One:

Prop the tire up to allow room for the bearings to be removed from the hub. For example, you may use a bucket.

2

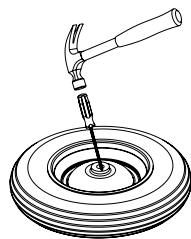
## Step Two:

Place the screwdriver through the bearing hole until it hits the backside of the bearing on the opposite side.

3

## Step Three:

Hit the top of the screwdriver with a hammer until the bearing pops out into the bucket below (*Fig. 1*).



*Fig. 1*

4

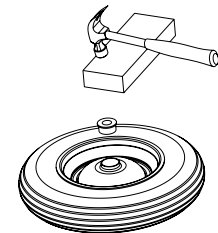
## Step Four:

Turn the tire over and repeat steps 1-3 so that both bearings are removed from the hub.

6

## Step Six:

Hammer directly onto the block of wood to get the bearing in the hub (the wood block will give you a more even hit). This will require a few hard pounds (*Fig. 2*). Repeat on the other side to install both bearings.



*Fig. 2*

5

## Step Five:

To reinstall bearings, rest the new bearing on the opening in the hub and place the block of wood on top of the bearing to avoid hitting the bearing directly (*Fig. 2*).

## Helpful Hints:

If the bearing drops freely into the hub prior to hitting with a hammer, remove the bearings and tap gently along the edge of the hub to create a tighter fit for the bearing.

Change location on the backside of the bearing periodically for easier removal.

# 5. Inflation Instructions

## **Safety Warning:**

Inflation over 30PSI may cause serious injury / explosion. Never use air compressor. Inflate with manual pump only. Max inflation 30 PSI. Never overfill your tire.

You will need: Manual Pump, Gloves and Eye Protection

1

### **Step One:**

Put on your gloves and eye protective-wear. Remove any weight from the tire. Do not fill the tire when it's on the wheelbarrow.

2

### **Step Two:**

Inspect tire and rim for any possible defects. If you see any, don't fill the tire.

3

### **Step Three:**

Remove the cap from the valve stem and connect the tire pump to the valve stem. Make sure you follow the tire pump instructions. Use manual pump to pump up the tire and keep a good eye on the pressure gauge. Don't go over the tire's max. 30 PSI.

4

### **Step Four:**

Disconnect the tire pump from the tire. Set tire pump aside and put cap back on the tire. Your tire is ready to go.



**Do not inflate tire over 30 PSI.**

## **Videos:**

For a demonstration video, please visit the following link:

<http://youtu.be/33IKdW0uKjs>

The logo for Marathon is displayed in a black rounded rectangle. The word "marathon" is written in a bold, lowercase, sans-serif font. The letter "o" is replaced by a white circle with a black dot in the center, resembling a wheel or a tire tread. The background of the entire page is a light yellow color with a large, faint, circular watermark of a tire tread pattern.

**marathon**

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