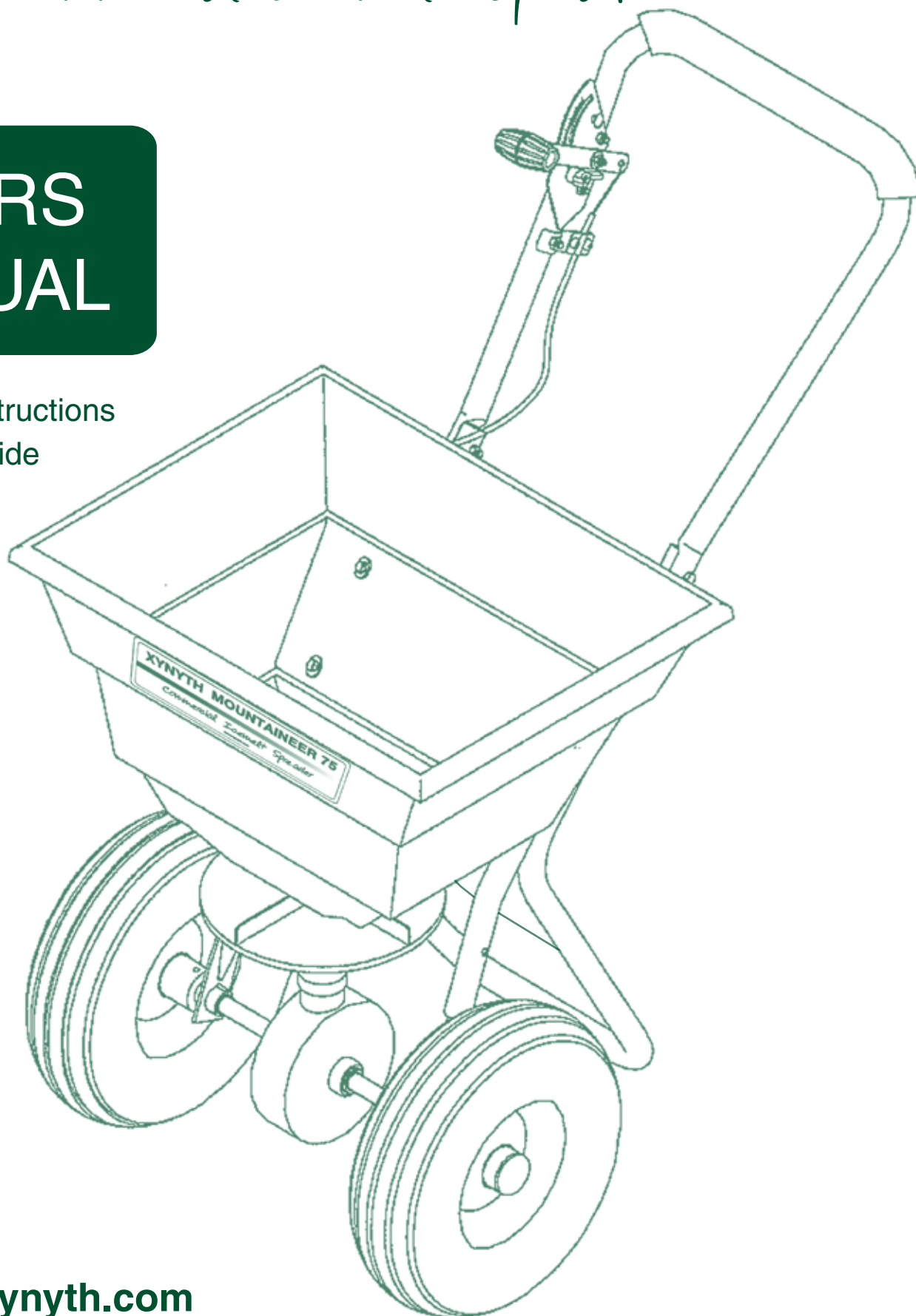


XYNYTH MOUNTAINEER 75

Commercial Icemelt Spreader

USERS MANUAL

- Assembly Instructions
- Operation Guide



www.xynyth.com

Manufacturer of Environmentally Safe Icemelters

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Spreader Assembly Instructions

TOOLS REQUIRED FOR ASSEMBLY

- ♦ Phillips screwdriver.
- ♦ Adjustable wrenches.
- ♦ Rubber mallet.



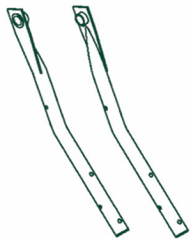
Please ensure to read all directions before assembling.



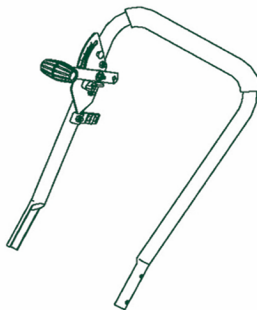
Pay particular attention to the gear box. It must be oriented so that the impeller turns clockwise when moving forward.

STEP 1:

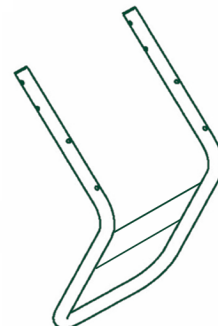
Remove the spreader parts and the fastener package from the carton. Lay out parts and fastener and ensure that you have all the parts shown in figures 1 and 2.



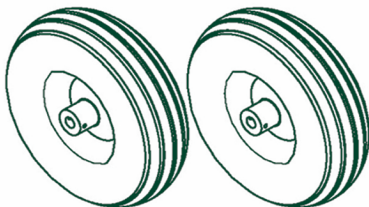
A) Wheel Assembly
Frames
2 PCS (1 PAIR)



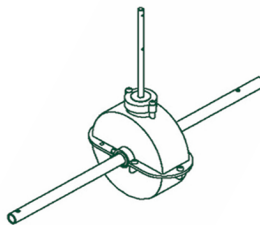
B) Handle Assembly
1 PC



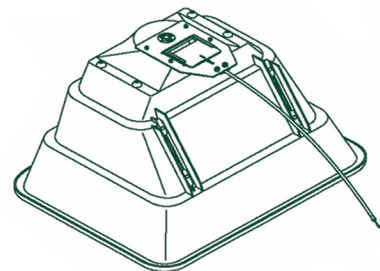
C) Support Leg
1PC



D) Pneumatic Wheel
2 PCS (1 PAIR)



E) Gear Box & Axle Assembly
1 PC



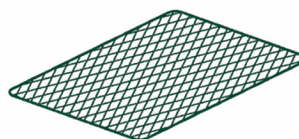
F) Hopper Assembly
1 PC



G) Impeller
1 PC



H) Fixing Rod
1PC



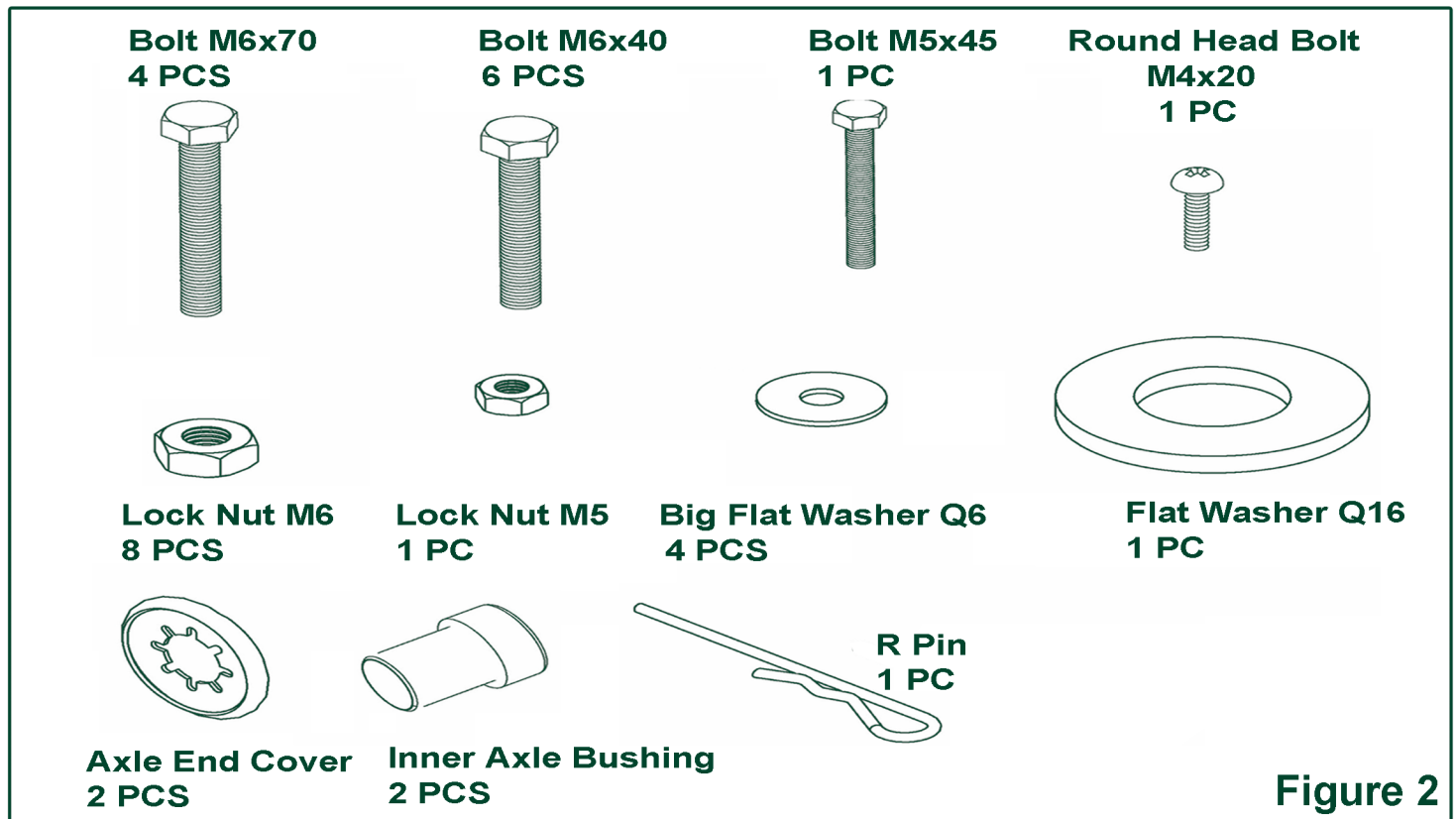
F) HopperScreen
1 PC



Fastener Package

Figure 1

Contents of Fastener Package:



Do not touch the impeller while it is turning. It may cause injury.



To reduce the risk of injury, do not permit children to use this equipment.



Please be aware that you may be in contact with ice melter when this equipment is in motion.

WARNING

- ♦ Do not exceed the maximum capacity 75lb / 34.09kg.
- ♦ Do not leave the equipment unattended on a sloped surface.
- ♦ Recommended particle sizing should be less than 10mm (0.39 inches).

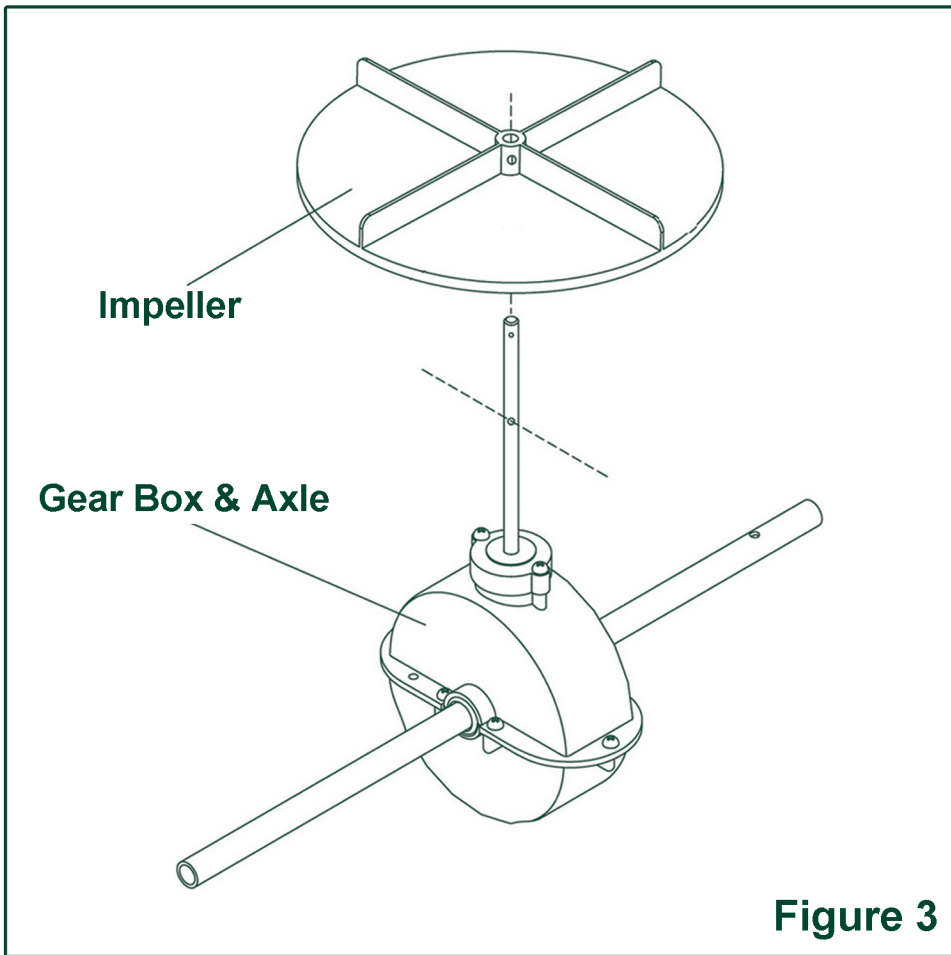
CAUTION

- ♦ Gears are permanently lubricated at the factory. Do not open or grit may enter.
- ♦ When filling hopper, make certain there are no large objects contained in the material, which can cause the spreader to clog or damage the gearbox. Never leave material in the hopper for an extended period of time.
- ♦ Keep all nuts, bolts and screws tight to be sure equipment is in safe condition.
- ♦ Xynyth recommends removing the agitator (R Pin) when using rock salt to prevent gearbox damage as rock salt may not be consistent in granular size.

STEP 2:

Install the impeller onto the Gear Box & Axle Assembly.

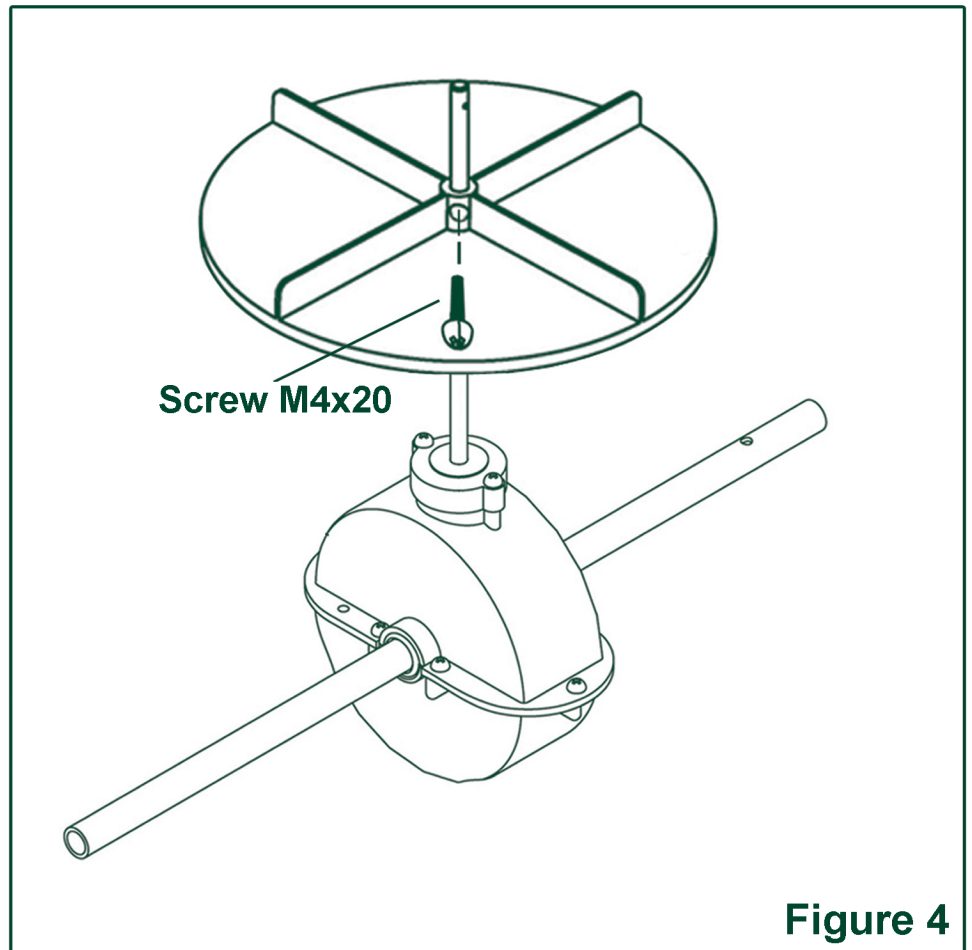
See figure 3.



STEP 3:

Insert Round Head Bolt M4x20 through the impeller then through the bar extending up from the Gear Box.

See figure 4.



STEP 4:

Attach the Wheel Assembly Frames on each side of the Gear Box Axle, spaced by the Fixing Rod. **THE HOLE ON THE AXLE MUST BE ON THE RIGHT AS SHOWN.** Insert two Bolts M6x40 into the Fixing Rod through each side of the Wheel Assembly Frames. See figures 5 and 6.

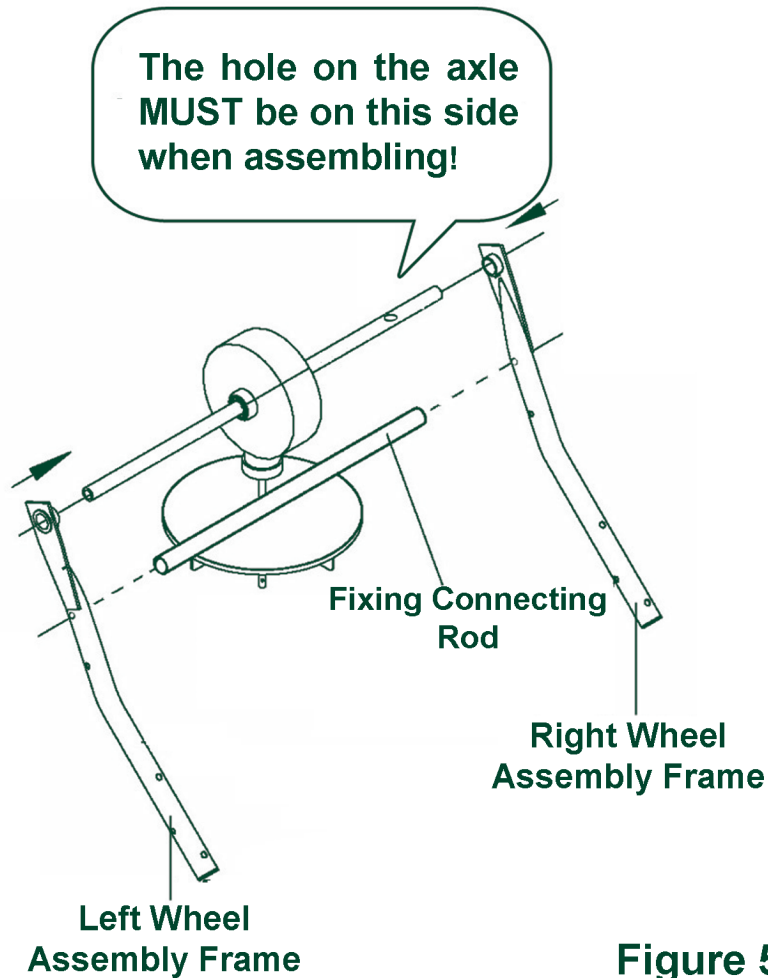


Figure 5

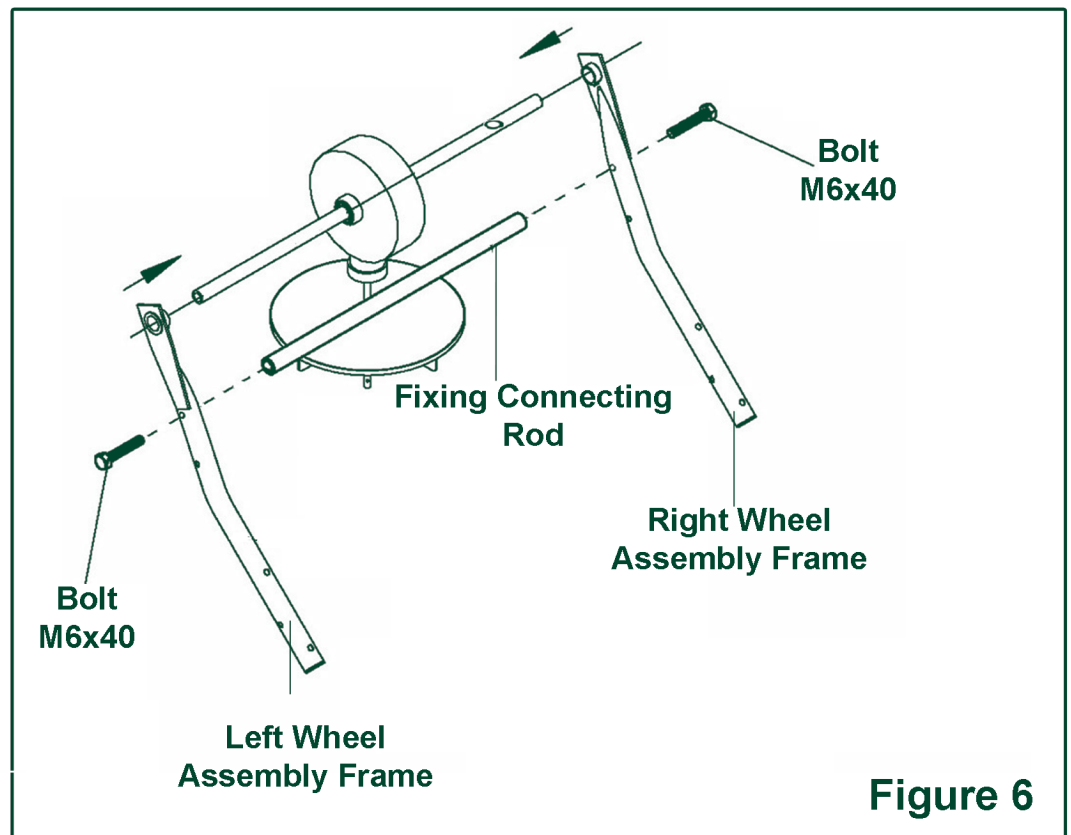
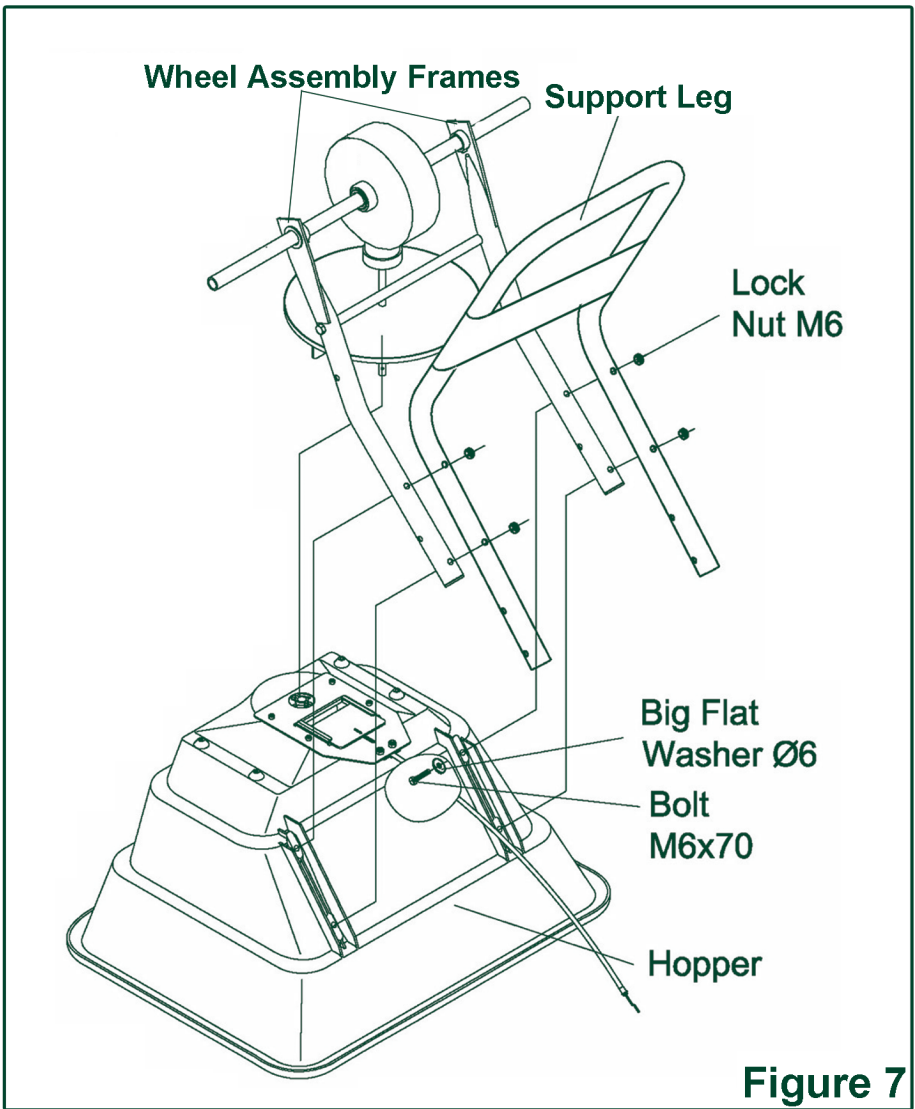


Figure 6



STEP 5:

Attach Wheel Assembly Frames and Support Leg onto the Hopper using the four Bolts M6x70, Lock Nuts M6 and Flat Washers Q6. **Don't tighten yet. See figure 7.**

Figure 7

STEP 6:

Insert Inner Axle Bushing into the Outer Axle Bushing on the Wheel Assembly Frames and make sure they fit snugly. **See figure 8.**

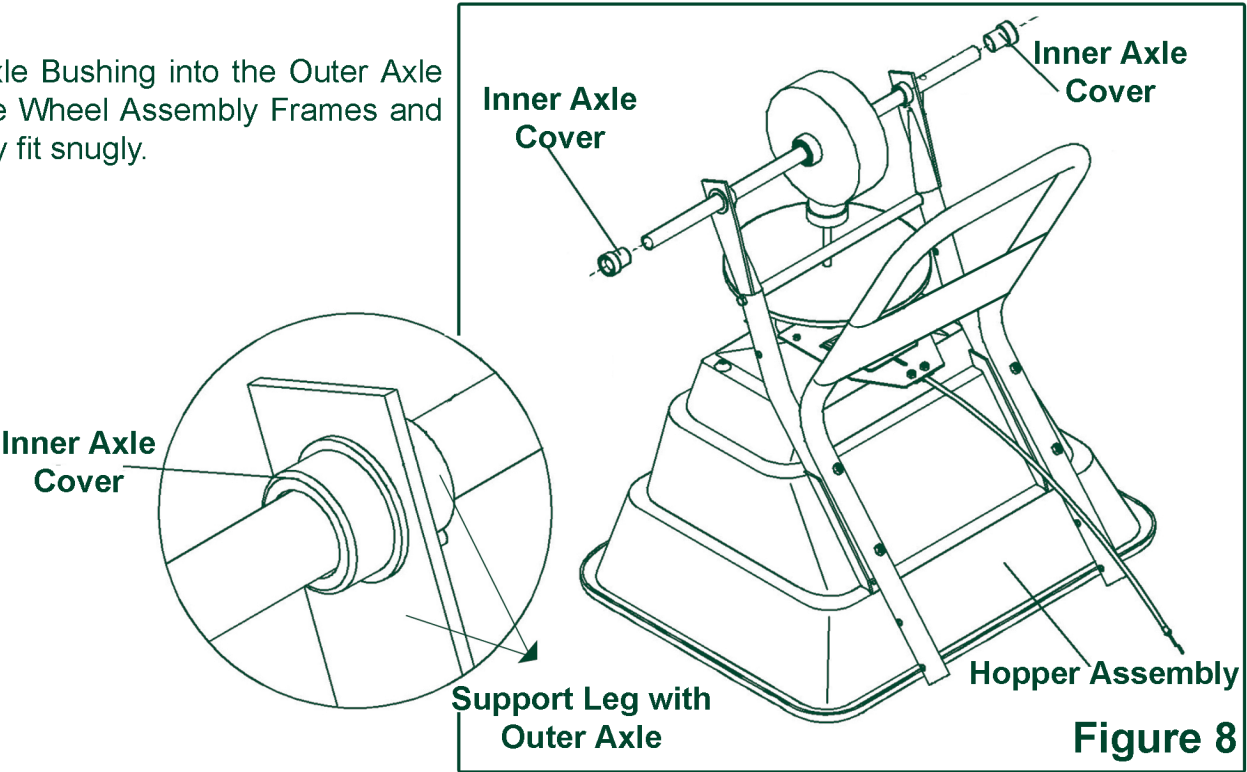


Figure 8

Attach right Wheel Assembly to right Axle using Bolt M5x45 and Lock Nut M5.

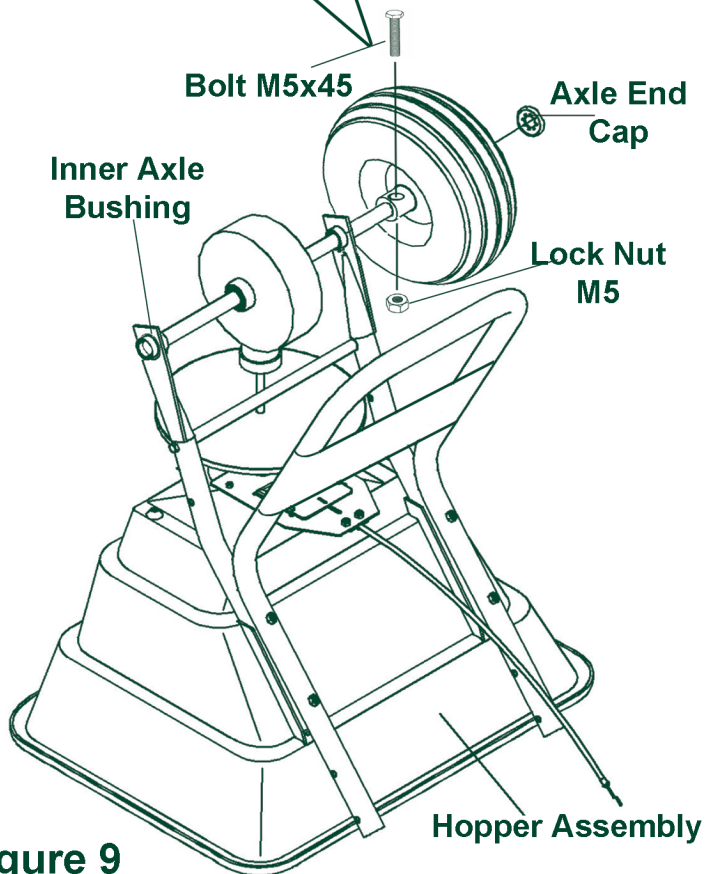


Figure 9

STEP 7:

Install a Wheel Assembly to the right axle, insert Bolt M5x45 through the hole and then screw Lock Nut M5 onto the other side of the Bolt with the wrench on until tightened. Install an Axle End Cover onto the right axle using the wooden or rubber mallet. **See figure 9.**

STEP 8:

Now install the other Wheel Assembly to the left axle. Put on the Big Flat Washer Q16 and install the other Axle End Cover using the wooden or rubber mallet. **See figure 10.**

Install the Cap onto Axle using the wooden or rubber hammer.

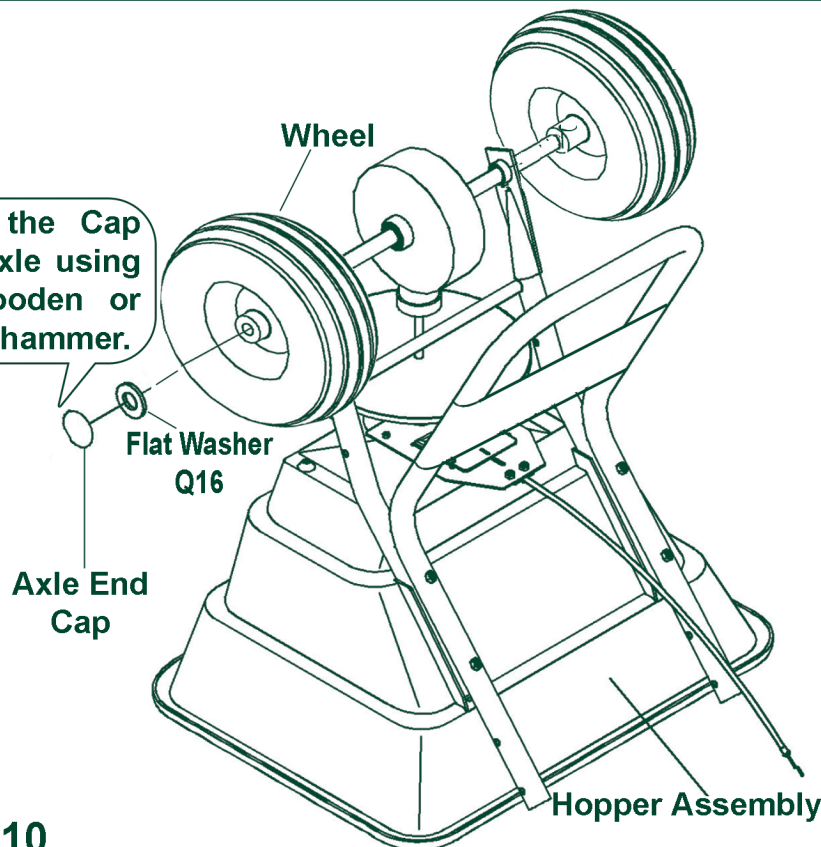
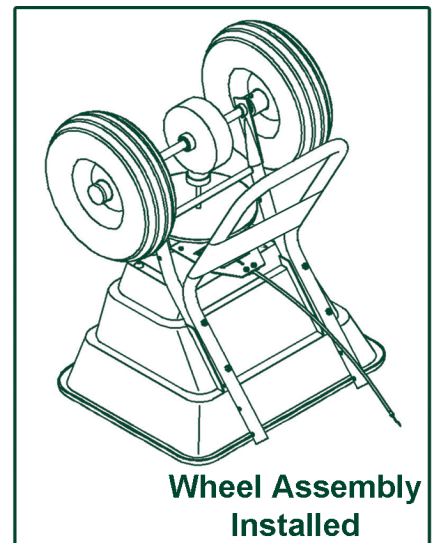


Figure 10



Wheel Assembly Installed

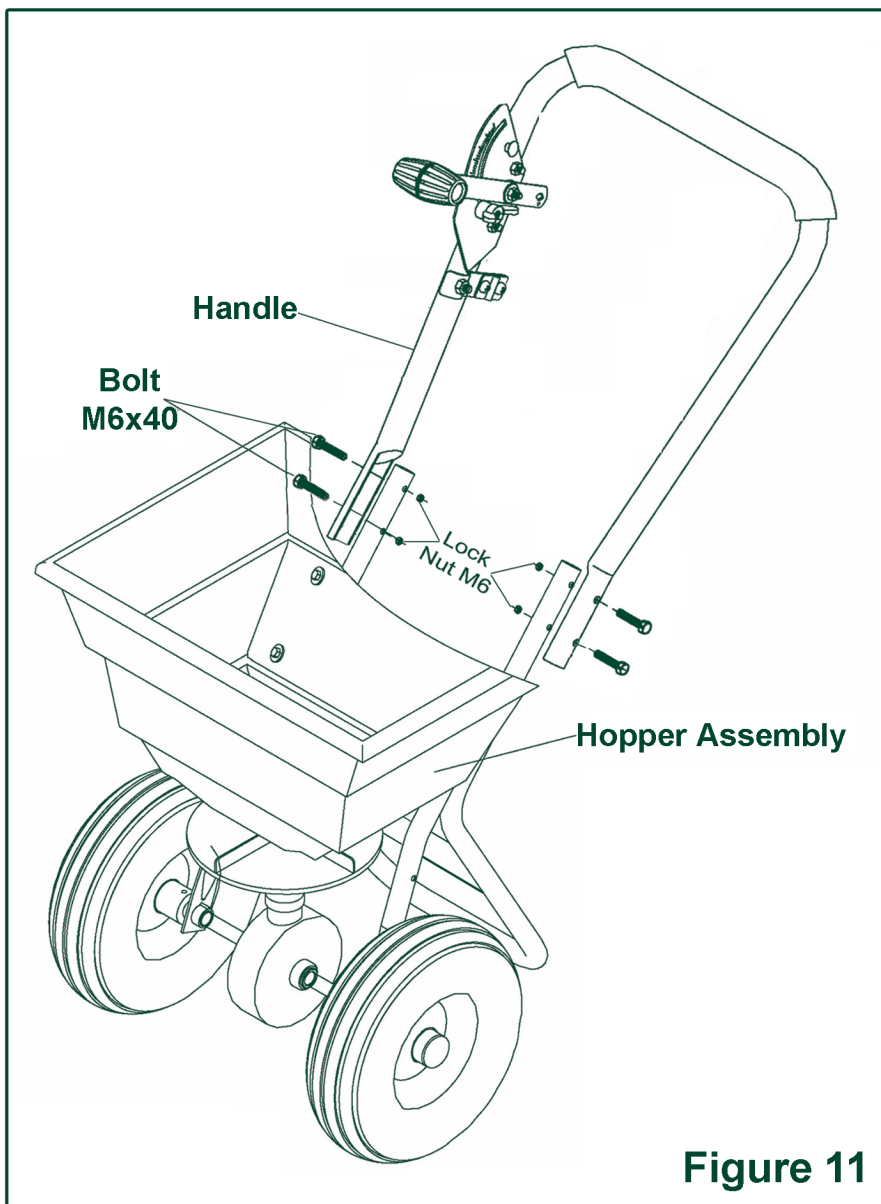


Figure 11

STEP 9:

Insert Handle Assembly into the Support Leg and attach using bolts M6x40 and Lock Nuts M6. **NOW GO BACK AND TIGHTEN ALL NUTS AND BOLTS STARTING WITH THE INSTRUCTION NUMBER 3.** See figure 11.



Handle Assembly Installed

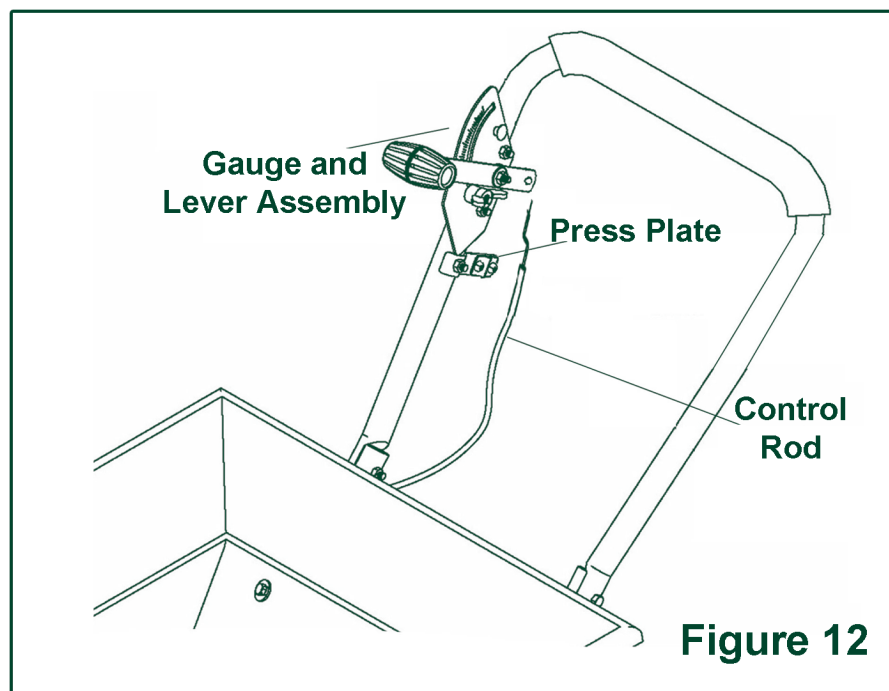
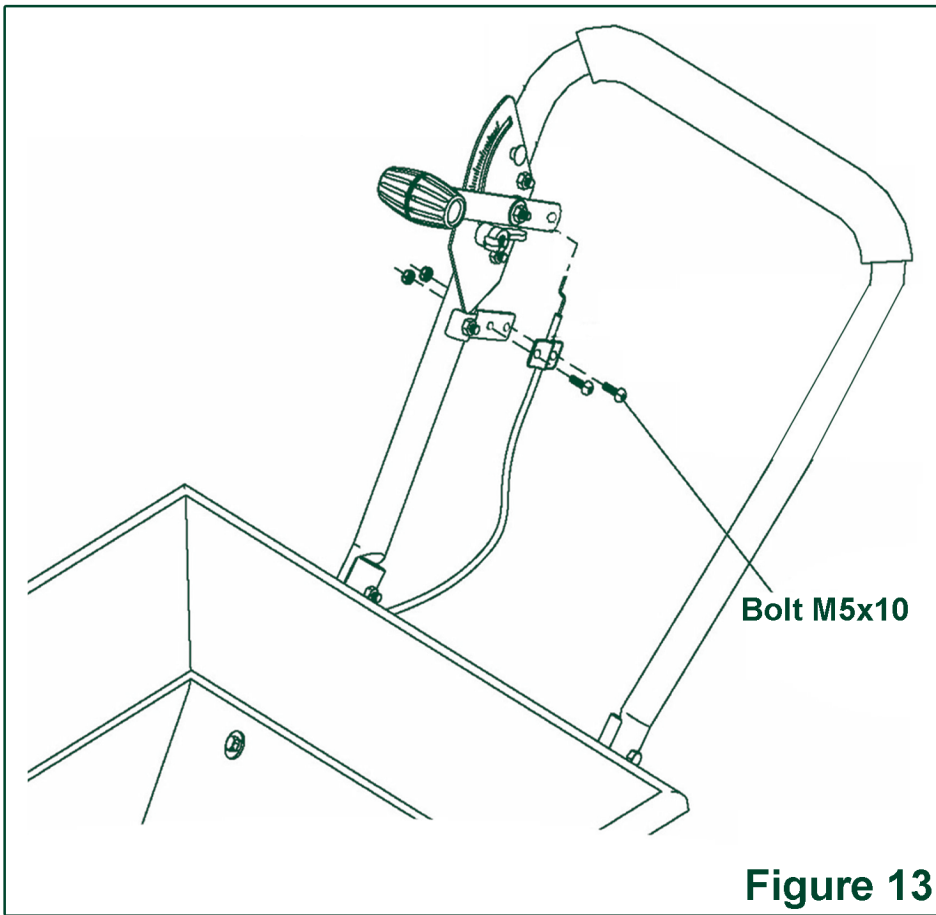


Figure 12

STEP 10:

How to set the control handle:

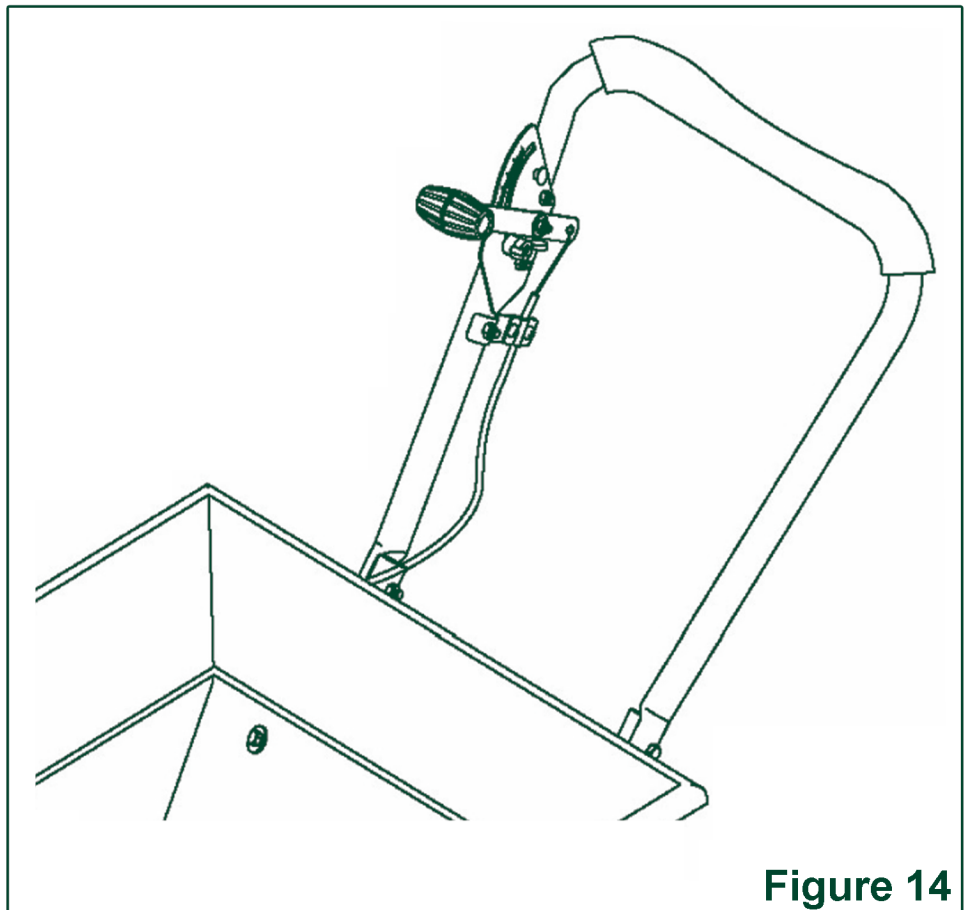
(a) Insert the steel wire head of the control into the small hole on the Gauge and Lever Assembly. **See figure 12.**



(b) Undo the two Bolts M5x10 and nuts on the Press Plate. **See figure 13.**

(c) Put the end of the plastic tube covering the control cable into slot of the Press Plate. **See figure 13.**

(d) Tighten the two Bolts M5x10 and nuts again. **See figure 14.**



STEP 11:

Put the R Pin through the hole in the rod protruding through the bottom of the hopper.

See figure 15.

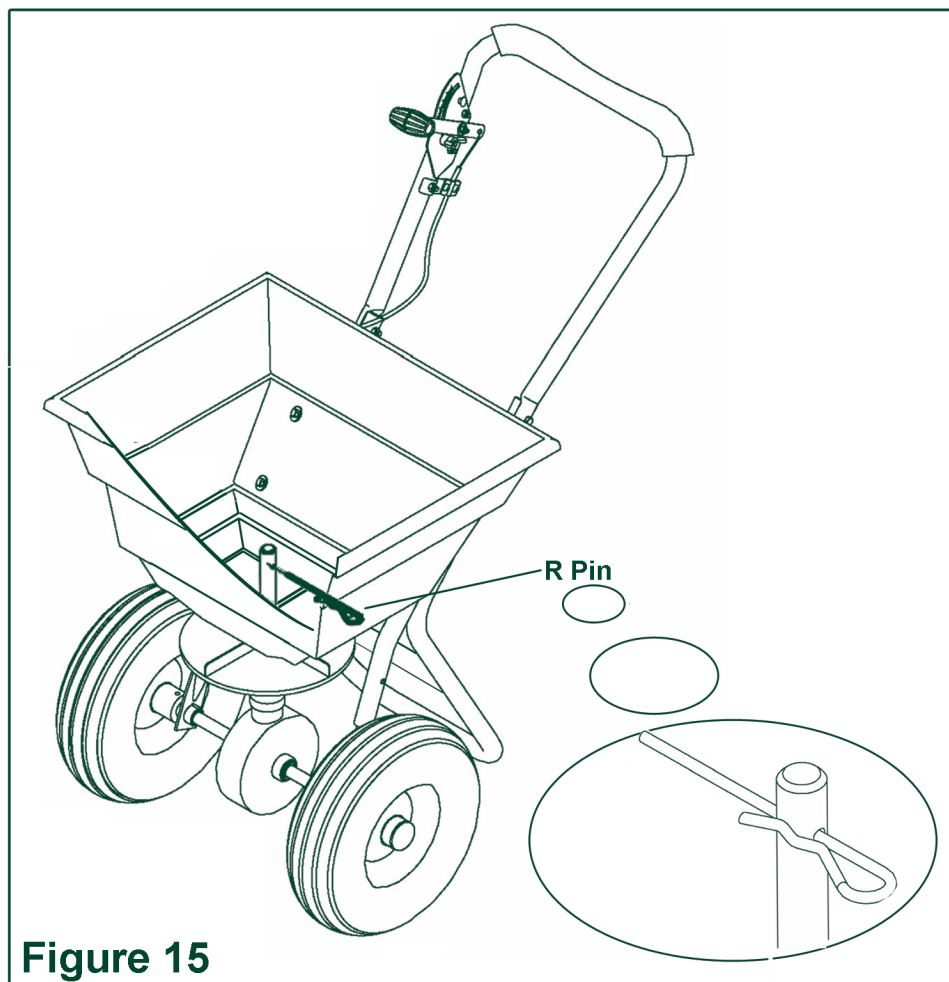


Figure 15

STEP 12:

Place the hopper screen down into the hopper allowing it to rest on the indented part of the hopper. The screen helps break up clumpy material and prevents large clumps from reaching the bottom of the hopper and clogging the opening. **See figure 16.**

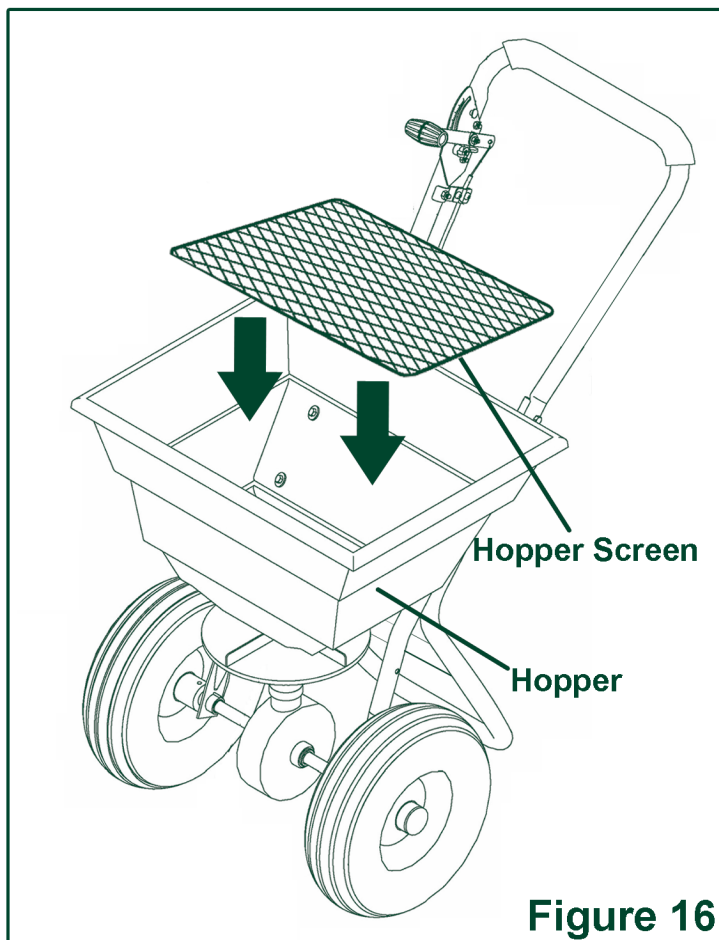
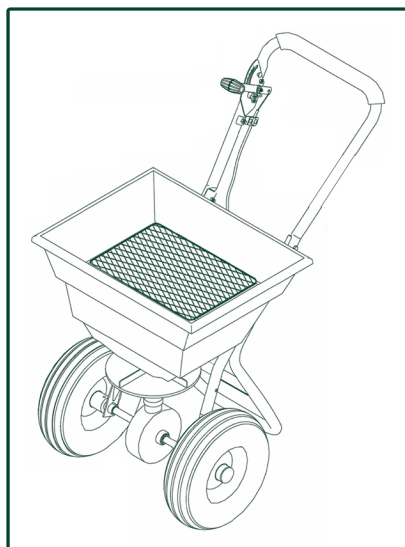


Figure 16

You may move the position of the wing nut to guarantee the same rate of flow each time the spreader is used.

To operate this spreader pull the handle to the top position.

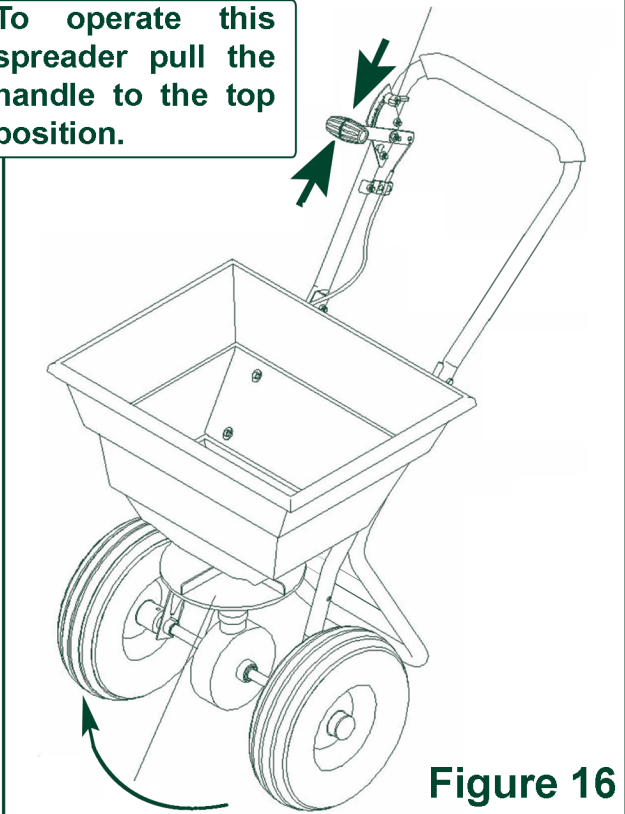


Figure 16

Impeller must be turning this direction when you are pushing forward.

STEP 13:

To operate your new spreader, pull the handle to the top position (upwards). You may move the position of the wing nut on the Gauge and Lever to adjust the opening in the bottom of the hopper as per your requirements when spreading. See figure 16.



When all else fails, read the directions again.

OPERATING INSTRUCTIONS

How to use your spreader:

- ◆ Before filling the hopper, become familiar with the operating of your spreader.
- ◆ Before pouring icemelter into the hopper, make certain that the handle is located on top of the rate gauge assembly and the closure plate is closed to avoid unwanted spills.
- ◆ Put up to 75 pounds of icemelter in the hopper. Break up any lumpy icemelter as you fill the hopper.
- ◆ Always start the spreader in motion before opening the closure plate.
- ◆ Move the stop bolt on the rate gauge assembly to the desired setting.
- ◆ While pushing the spreader forward, pull the control lever back to the stop bolt.
- ◆ To stop, push the lever forward to close the closure plate before you stop moving.
- ◆ When finished, empty any remaining material from the hopper.
- ◆ Your new spreader is designed to be pushed at three miles per hour which is a brisk walking speed. Slower or faster speeds will change the spread patterns. Wet icemelt will also change the spread pattern and flow rate.

WARRANTY

XYNYTH Manufacturing guarantees this product to be free of defects in original workmanship and materials for a period of 90 days from sale to original user. If any defect develops during this period XYNYTH will repair or replace this product at no charge provided the defect is not the result of mishandling or tampering and this product is to be received at the factory with shipping charges prepaid.

Due to the corrosive nature of most icemelters, Xynyth Manufacturing Corp., makes no warranty of guarantee against corrosion failure on models with plated steel or powder coated frames. Warranty covers parts only to repair your spreader, and does not cover any labor charges or the shipping charges incurred for the repair.

For more information about our products, visit our website at www.xynyth.com

MAINTENANCE RECOMMENDATIONS

- ◆ Before each use, make a through visual check of the spreader for any bolts and nuts which may have loosened. Retighten any loose bolts and nuts.
- ◆ Check for worn or damaged parts before each use. Repair or replace parts if necessary.
- ◆ Check if tires are adequately inflated before each use. Do not inflate tires beyond the maximum recommended pressure on tire.
- ◆ Never store unused material in spreader. Return unused product to its original container.
- ◆ No oiling is needed. Store in a clean, dry area.
- ◆ Impeller surface should be cleaned periodically to remove build-up of product. Build-up can cause the spread pattern to change.



Clean and dry your spreader thoroughly after each use.

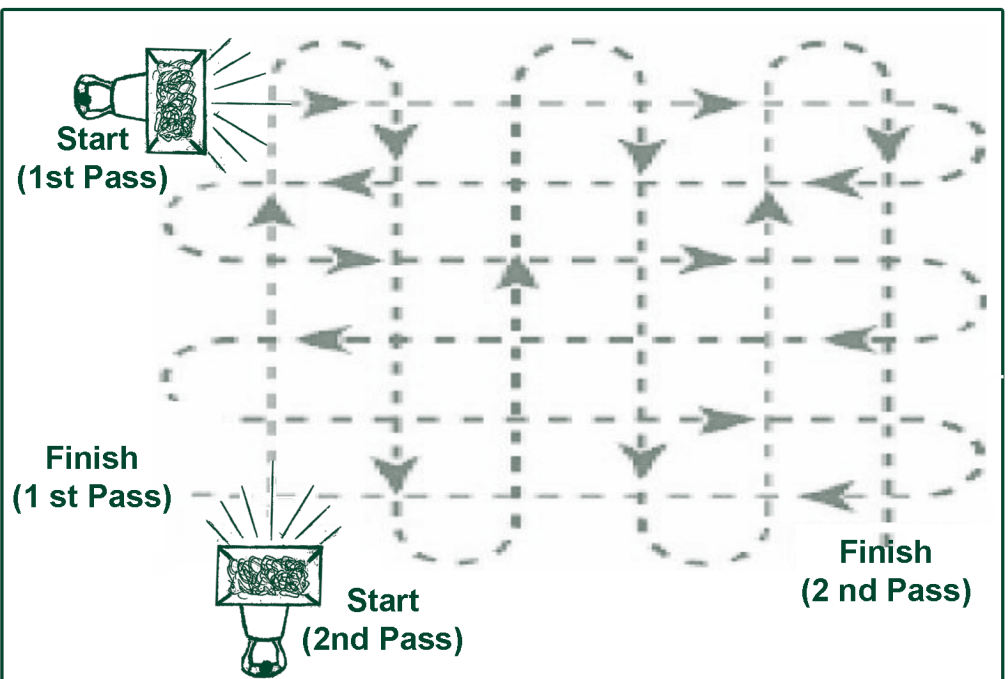
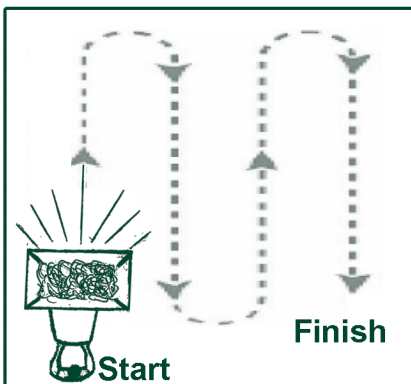


Wash between the shut off plate and bottom of the hopper.

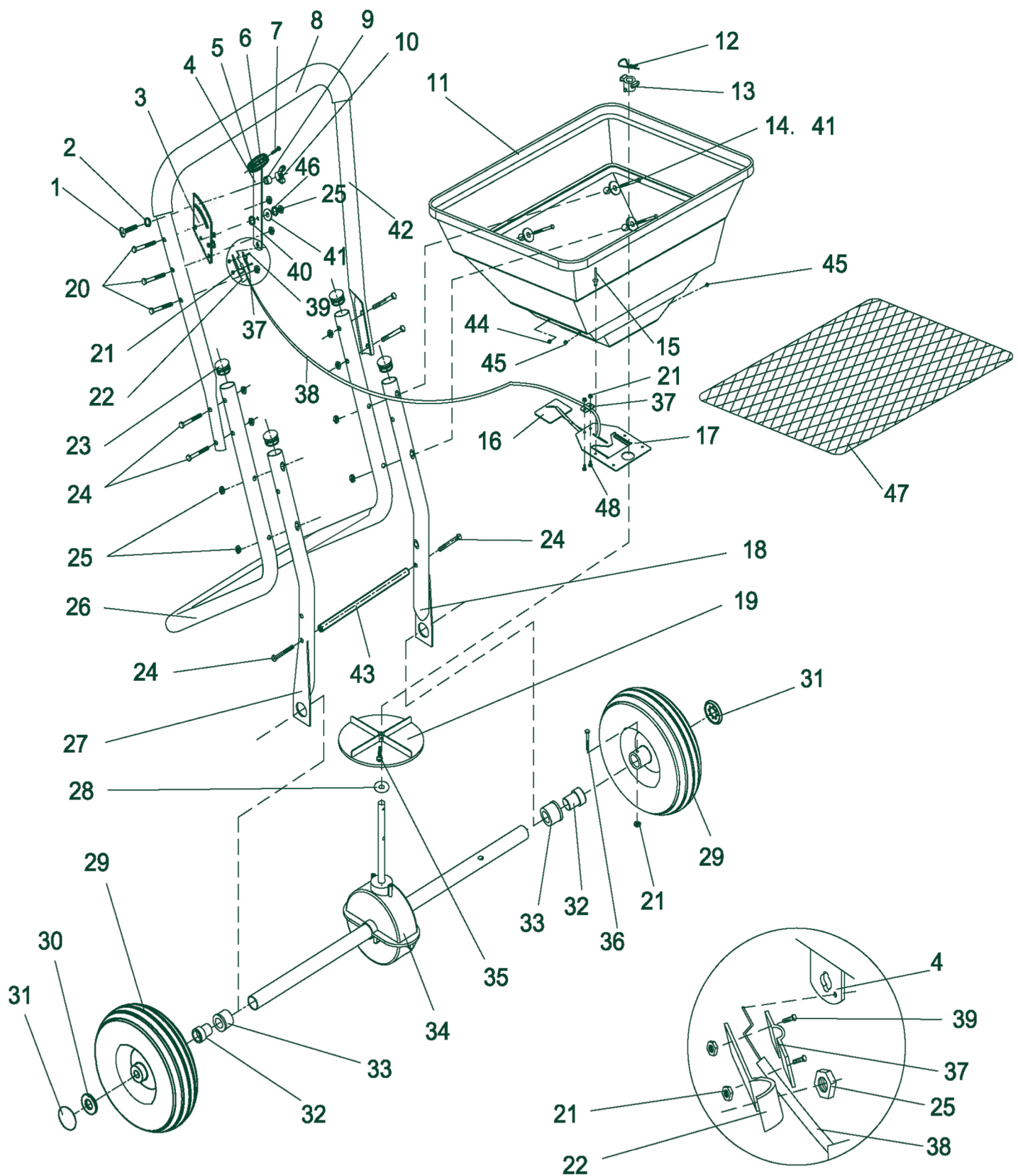
SUGGESTED WALKING PATTERN

HALF RATE SETTINGS

FULL RATE SETTINGS



Parts Drawing for XYNYTH Mountaineer 75



Parts List for XYNYTH Mountaineer 75

Parts can be obtained by contacting our Operations Department. Please provide the following information when requesting for parts:

1. SPREADER NAME
2. REFERENCE NUMBER
3. NAME OF PART AS SHOWN

Ref. No	Description	Ref. No	Description
1	Carriage Bolt M6x25	25	Lock Nut M6
2	External-tooth Washer Q8	26	Support Leg
3	Gauge & Lever Assembly	27	Wheel Assembly Frame (Right)
4	Adjust Handle Pole	28	Thin Washer
5	Adjust Handle A	29	Pneumatic Wheel
6	Adjust Handle B	30	Flat Washer Q16
7	Screw M4x18	31	Axle End Cover
8	Handle Grip	32	Inner Axle Bushing
9	Spacer	33	Outer Axle Bushing
10	Wing Nut	34	Gear Box & Axle Assembly
11	Hopper	35	Screw M4x20
12	R Pin Q2x60	36	Hex Bolt M5x45
13	Center Cover	37	Line Clamp Press Plate
14	Hex Bolt M6x70	38	Control Rod
15	Rivet Q5x12	39	Screw M5x10
16	Active Adjustable Plate	40	Nylon Washer Q6
17	Fixed Adjustable Plate	41	Big Flat Washer Q6
18	Wheel Assembly Frame (Left)	42	Handle
19	Impeller	43	Fixing Connection Rod
20	Hex Bolt M6x35	44	Big End Cap
21	Lock Nut M5	45	Small End Cap
22	Line Clamp Bottom Plate	46	Lock Washer Q6
23	Tube End Cap	47	Hopper Screen
24	Hex Bolt M6x40	48	Screw M5x12



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