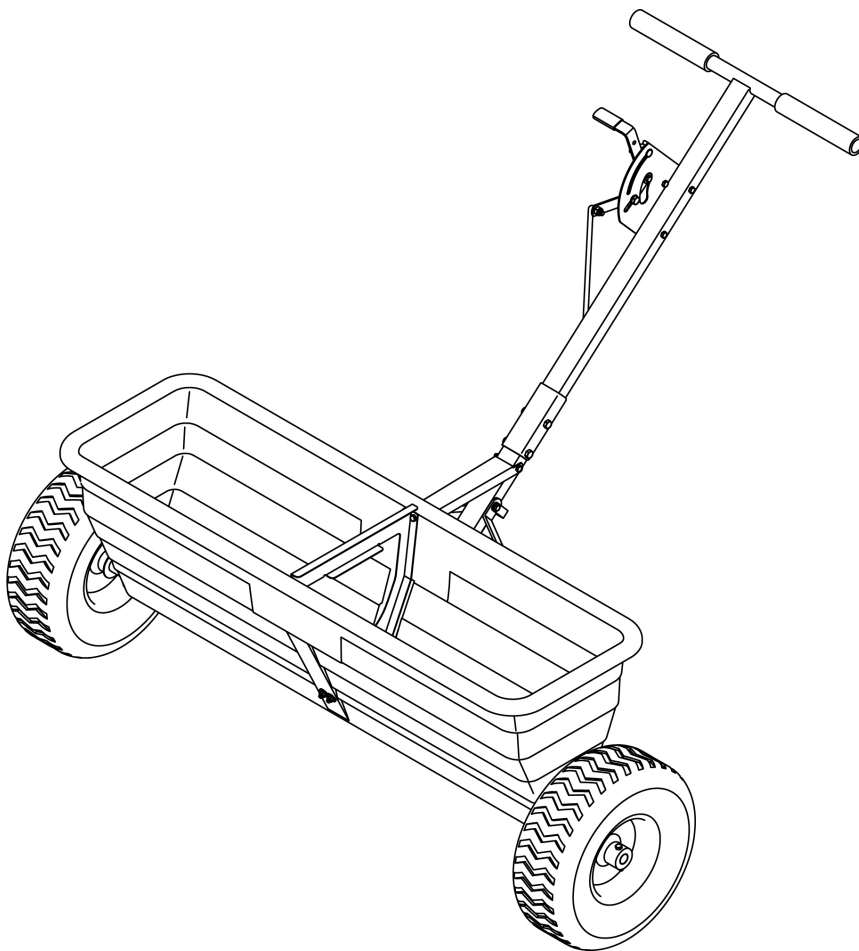


175LB WALK BEHIND SPREADER

Operator's Manual



CAUTION: This manual contains information for the safety of persons and property. Read it carefully before assembly and operation of the equipment!

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Assembly Instructions..... 7, 8, 9, 10, 11

Maintenance and Storage.....12

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GENERAL WARNINGS

READ and UNDERSTAND this manual completely before using 175lb Walk Behind Spreader.

Operator must read and understand all safety and warning information, operating instructions, maintenance and storage instructions before operating this equipment. Failure to properly operate and maintain the spreader could result in serious injury to the operator or bystanders.

Operation Warnings

- Do not at any time carry passengers, sit or stand on the spreader.
- Do not allow children to play on, stand upon or climb on the spreader.
- Always inspect the equipment before using to assure it is in good working condition.
- Replace or repair damaged or worn parts immediately.
- Always check and tighten hardware and assembled parts before operation.
- Do not exceed equipment maximum hopper capacity of 175lb.
- Avoid large holes and ditches when operating the equipment.
- Be careful when operating the aerator spreader on steep grades (hill).
- Always operate at reduce speed in rough terrain, along creeks, ditches and on hillsides.
- Do not operate close to creeks, ditches and public highways.
- Always use caution when loading and unloading the hopper.

Crush and Cut Hazards

- Always keep hands and feet clear from moving parts while operating the equipment.
- Always clear and keep work area clean when operating.
- Always wear safety gear, eye protection, gloves and work boots when operating the spreader.

WARNING

The warnings, cautions, and instructions outlined in this instruction manual cannot cover all possible conditions or situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product and must be supplied by the operator.

Assembly Is Required

This product requires assembly before use. See “Assembly” section for instructions. Because of the weight and/or size of the equipment, it is recommended that another adult be present to assist with the assembly.

INSPECT ALL COMPONENTS closely upon receipt to make sure no components are missing or damaged.

Hazard Signal Word Definitions

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

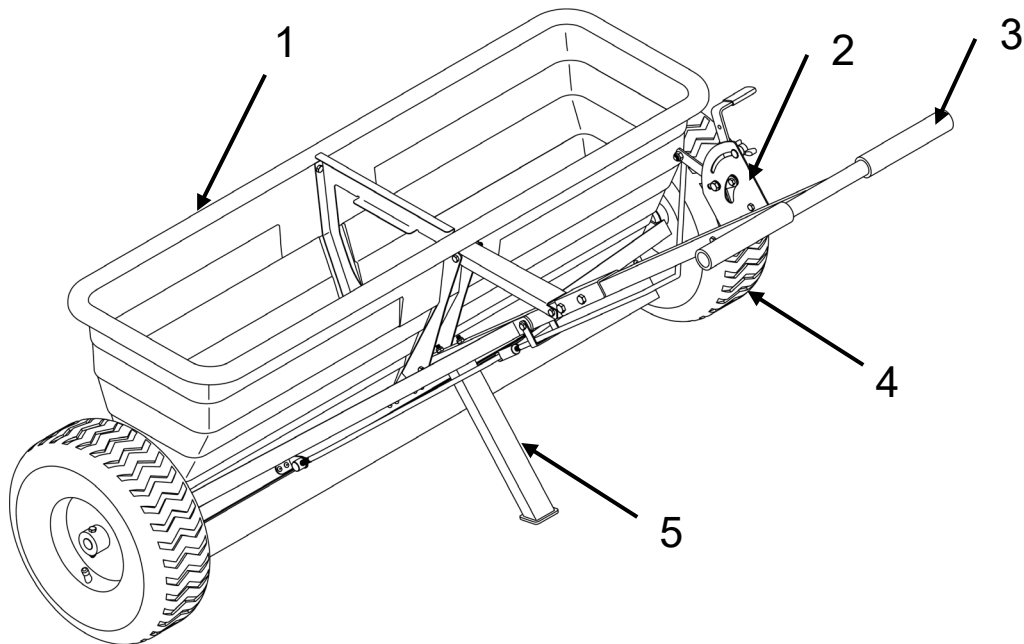
ABOUT YOUR 175LB WALK BEHIND SPREADER

This 175lb walk behind spreader has a roughed steel construction and is designed to spread fertilizer and other materials. Materials such as Powders, Manure, Top Soil, and Gravel have the wrong physical characteristics and should not be used with this spreader. Never exceed the rated load capacity of 175lbs when operating the spreader.

Slower or faster speeds will change the spread patterns. Wet spreading material will also change the spread pattern and flow rate. Clean your spreader thoroughly after each use.

Controls and Features Identification

Read this owner's manual before operating the equipment. Familiarize yourself with the location and function of the controls and features. Save this manual for future reference.



- 1) **Poly Hopper**
- 2) **Flows Control Lever**
- 3) **Handle**
- 4) **Tires / Wheel**
- 5) **Support Leg**



CAUTION

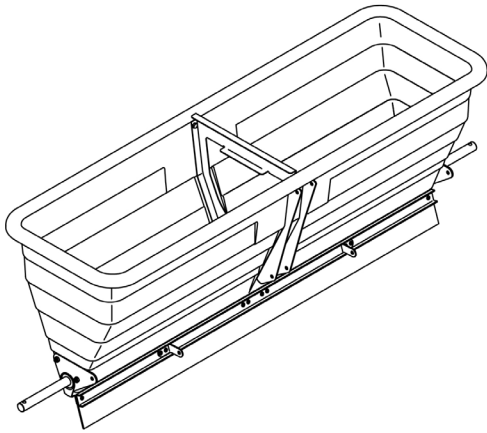
Read and follow all instructions for assembly and operation. Failure to properly assemble this equipment could result in serious injury to the user or bystanders, or cause equipment damage.

SPREADER COMPONENT PARTS AND ASSEMBLY

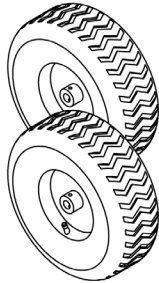
Take all parts out of the shipping box and inspect components to ensure there are no missing pieces before starting to assemble the spreader follow steps 1 through 8.

Component and Hardware Parts

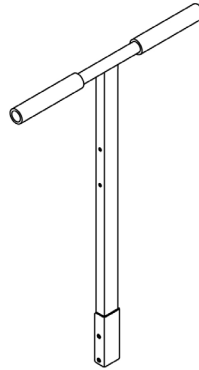
Hopper Assembly
1pc



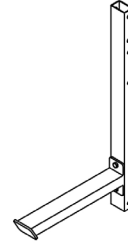
Wheel
2pcs



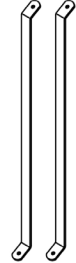
T Handle
1pc



Support Leg
1pc



Support Pole
2pcs



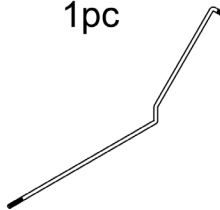
Flow Control
Handle
1pc



Connecting
Rod
1pc



Adjustment
Rod
1pc



Bracket
1pc



Connecting
Plate
1pc

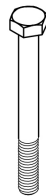


Hardware contents please check:

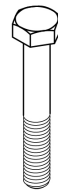
Hex Bolt M6x55
5pcs



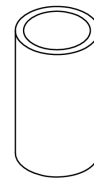
Hex Bolt M6x60
1pc



Hex Bolt M8x55
2pcs



Support Space
2pcs



Hex Bolt M6x16
2pcs



Hex Bolt M6x50
2pcs



Nylon Lock Nut M6
12pcs



Nylon Lock Nut M8
3pcs



Large Flat Washer Ø6
2pcs



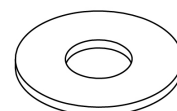
Nylon Washer Ø6
1pc



Flat Washer Ø8
1pc



Flat Washer Ø20
4pcs



Assembly Instructions

STEP 1: Attach the Flow Control Handle to the T Handle

1. Attach the flow control handle to the T handle secure it slightly with hex bolt M6x55, large flat washer Ø6 and nylon lock nut M6. Then tighten with hex bolt M6x55, large flat washer Ø6, nylon washer Ø6 and nylon lock nut M6.
2. Tighten all the hardware and confirm the smooth operation of the flow control handle.

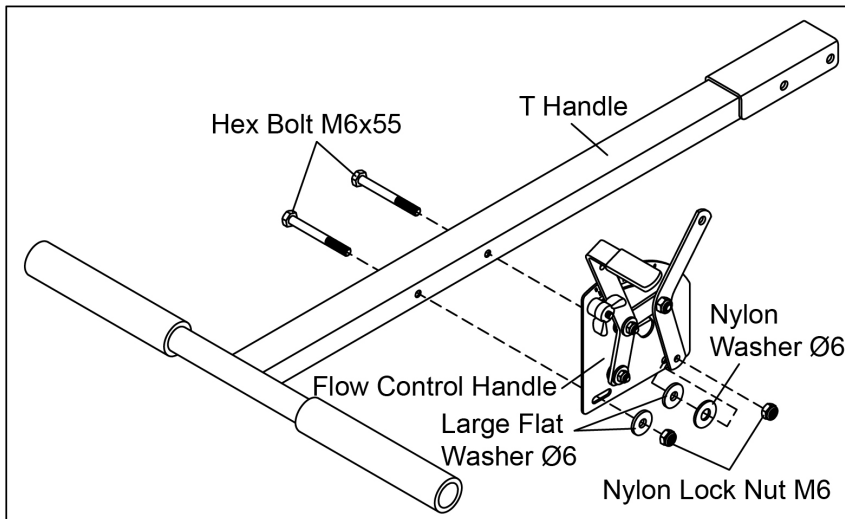


Figure 1

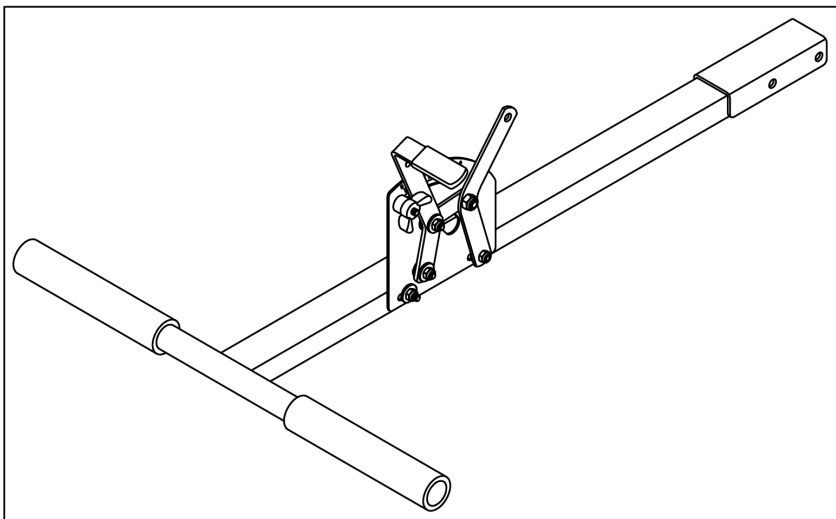


Figure 2

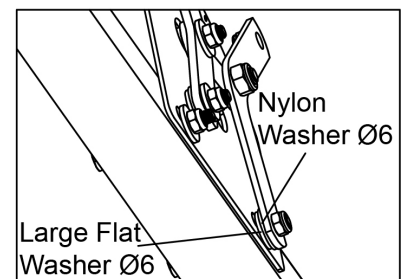


Figure 3

STEP 2: Attach the Support Leg and Connecting Plate to the Bracket

1. Attach the support leg and connecting plate to the bracket using three sets of hex bolts M6x55 and nylon lock nuts M6.

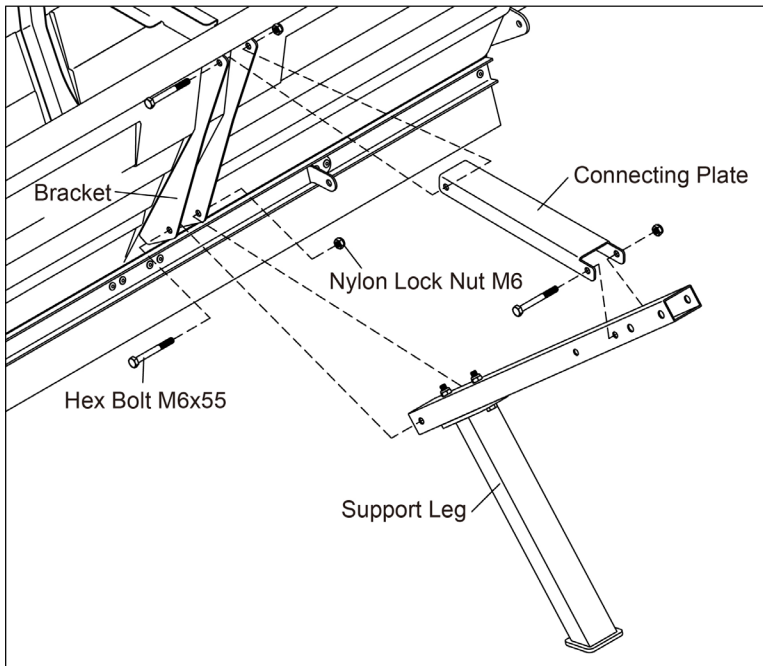


Figure 4

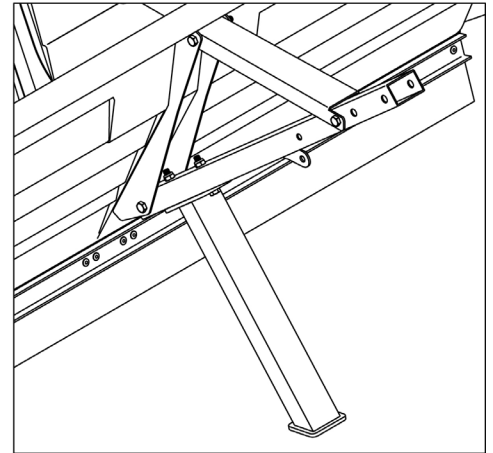


Figure 5

STEP 3: Attach the T Handle Assembly to the Connecting Tube

1. Attach the T handle assembly to the connecting tube using two sets of hex bolts M8x55 and nylon lock nuts M8.

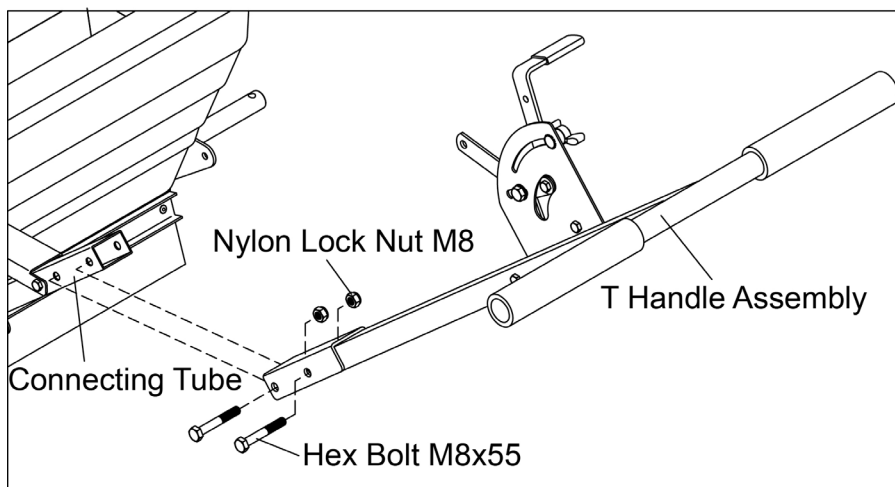


Figure 6

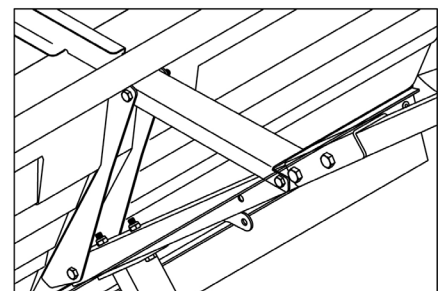


Figure 7

STEP 4: Attach the Connecting Rod to the Stand

1. Attach the connecting stud on the two ends of connect rod to the stand, secure by nylon lock nuts M6. Do not secure the nuts too tight, the connecting studs can rotate by itself.

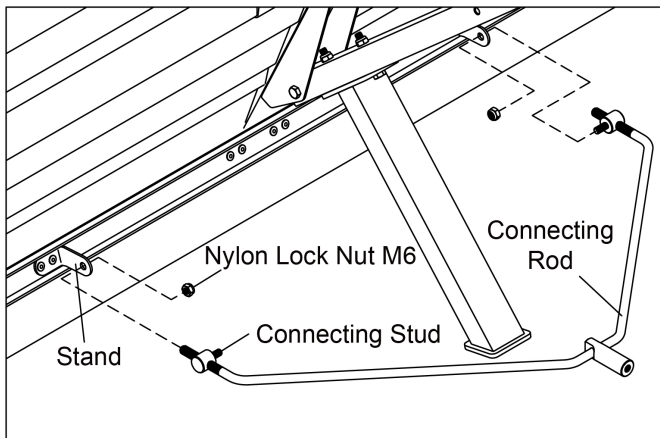


Figure 8

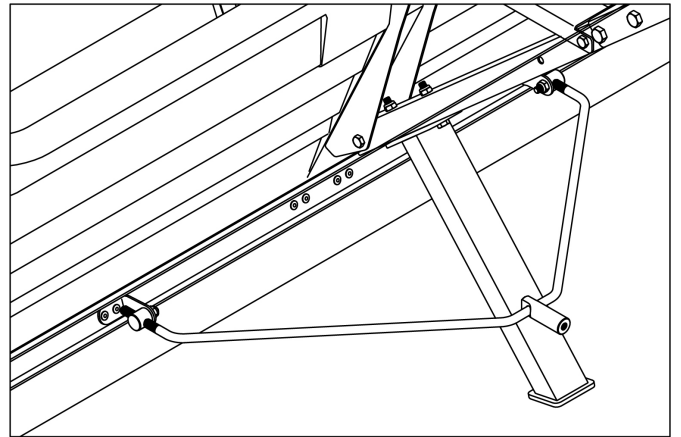


Figure 9

STEP 5: Attach the Adjustment Rod

1. Screw one end of the adjustment rod into the connector of the connecting rod, screw into the depth of connector about 20mm. Attach the other end of the adjustment rod to the flow control handle with a flat washer Ø8 and nylon lock nut M8.

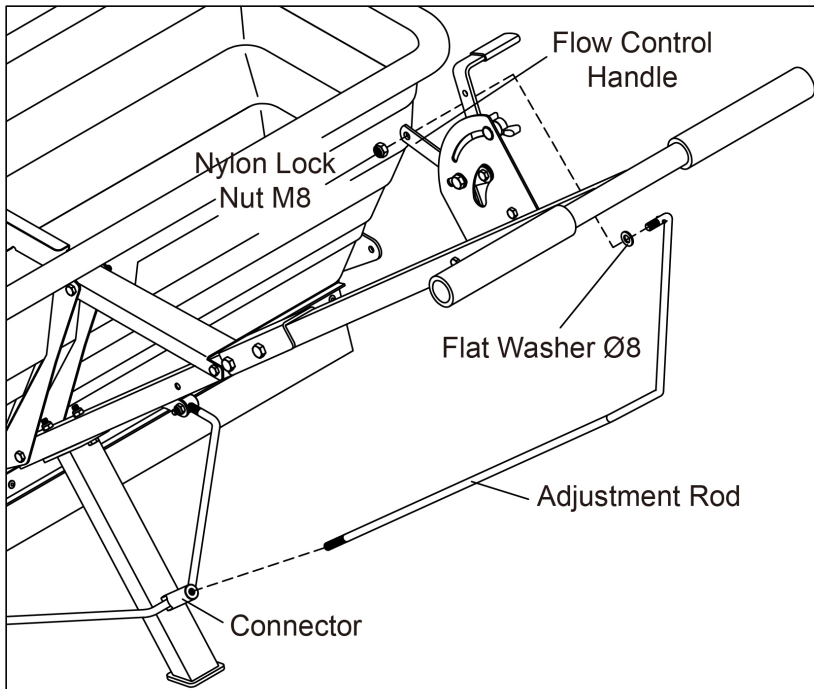


Figure 10

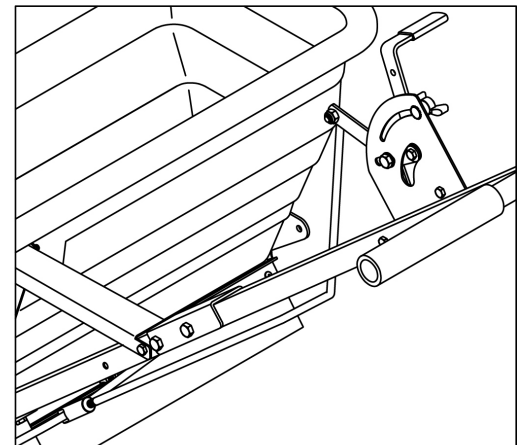


Figure 11

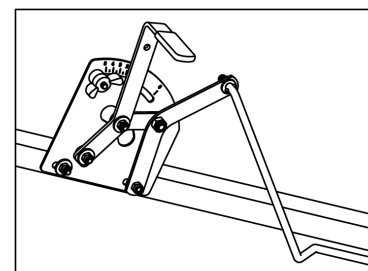


Figure 12

STEP 6: Attach the Support Poles

1. Attach one end of support pole to the fixed plate on the hopper using hex bolt M6x16 and nylon lock nut M6. Assemble the other support pole to the fixed plate in the same way. Do not TIGHTEN the bolts and nuts.
2. Attach the bracket, support pole to the handle using hex bolt M6x60 and nylon lock nut M6. Assemble the other side bracket and support pole to the handle in the same way.
3. The bracket needs to hold the adjustment rod. Tighten all the bolts and nuts.

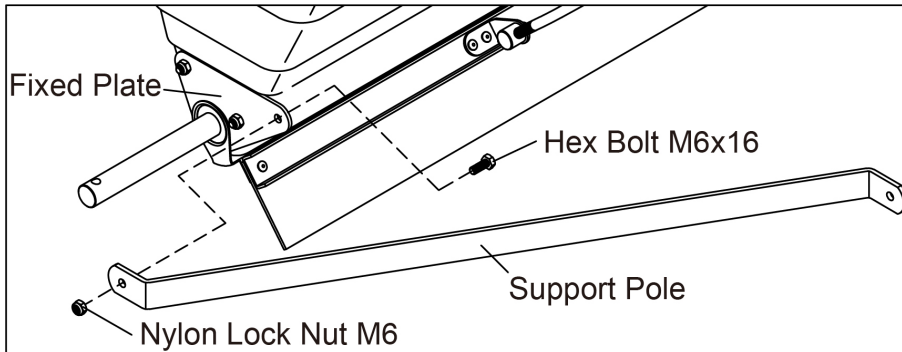


Figure 13

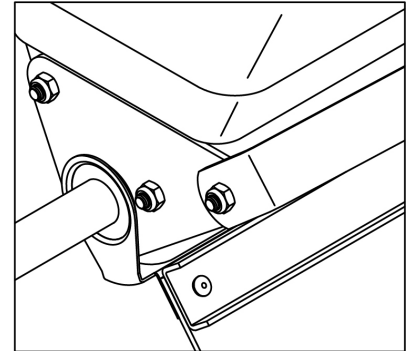


Figure 14

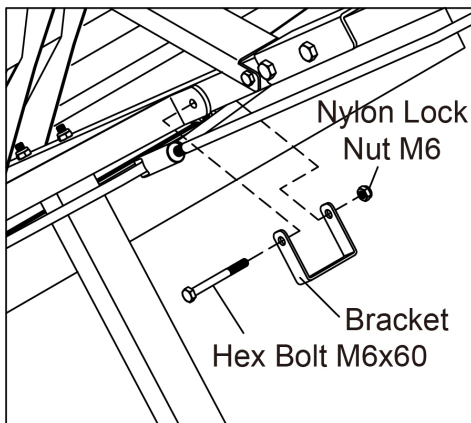


Figure 15

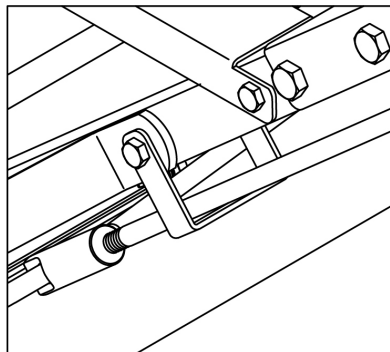


Figure 16

STEP 7: Attach the Wheels

1. On the wheel axle, insert the flat washer Ø20, support space, flat washer Ø20, and wheel by sequence. (Note the valve on wheel should be in outside).
2. Make sure the hole on wheel hub and wheel axle are in alignment. Secure the wheel by using one hex bolt M6x50 and nylon lock nut M6.

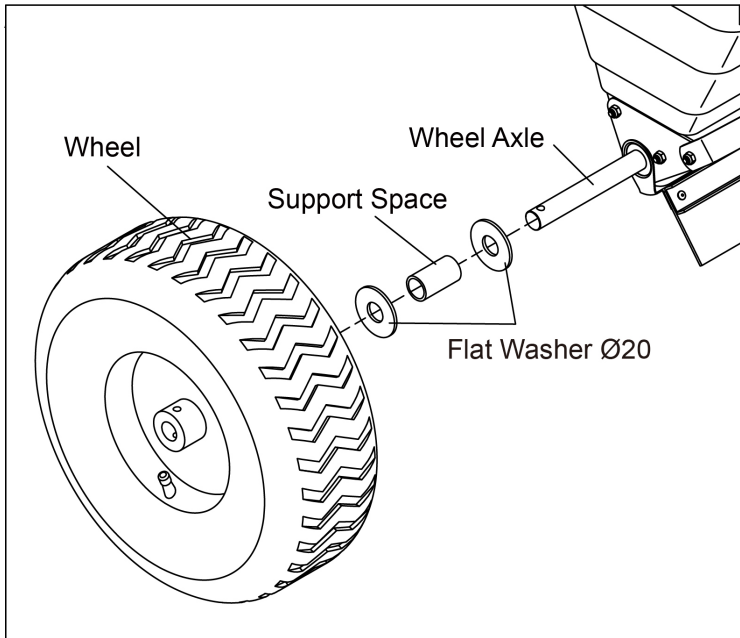


Figure 17

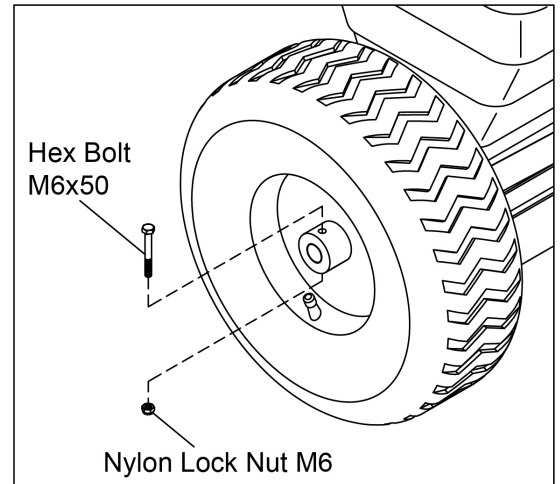
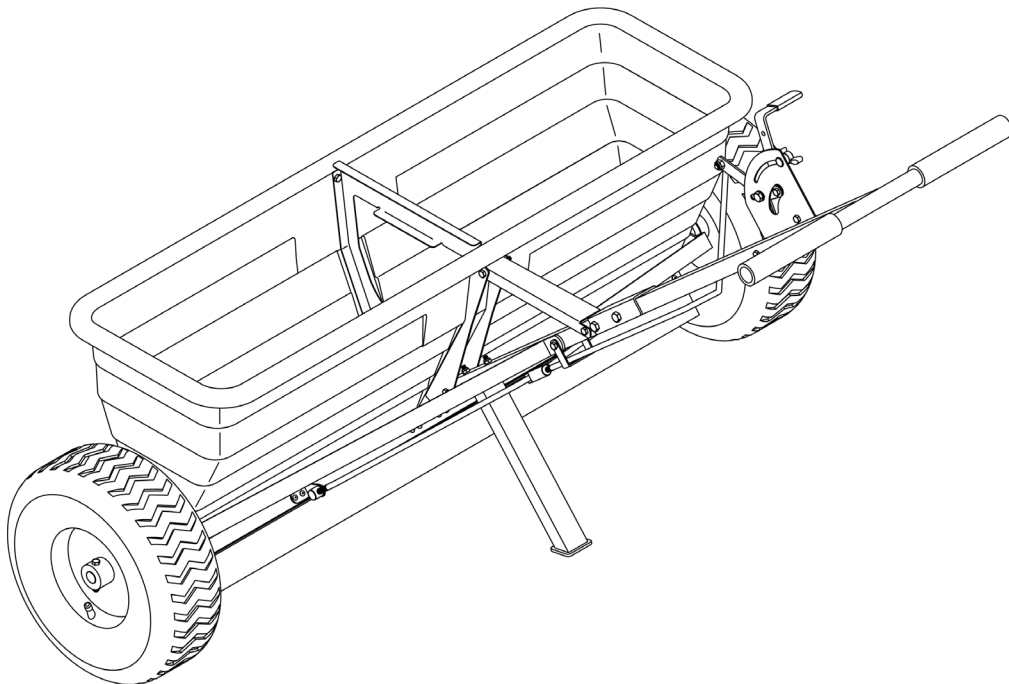


Figure 18

STEP 8: Final Adjustment and Assembly

1. Securely tighten all hardware in steps 1 through 7 before operating the spreader.



Maintenance and Storage

WARNING

Improper maintenance and storage of the spreader may void your warranty.

MAINTENANCE

- After each use clean material out of hopper.
- Rinse/dry inside and outside of the spreader after each use.
- Before operating make sure the tires have the **RECOMMENDED TIRE PRESSURE**.
- Periodically check all fasteners for tightness.
- Annually clean and lightly lubricate parts.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.
- Never exceed load capacity rating of 175lbs it will damage the spreader.

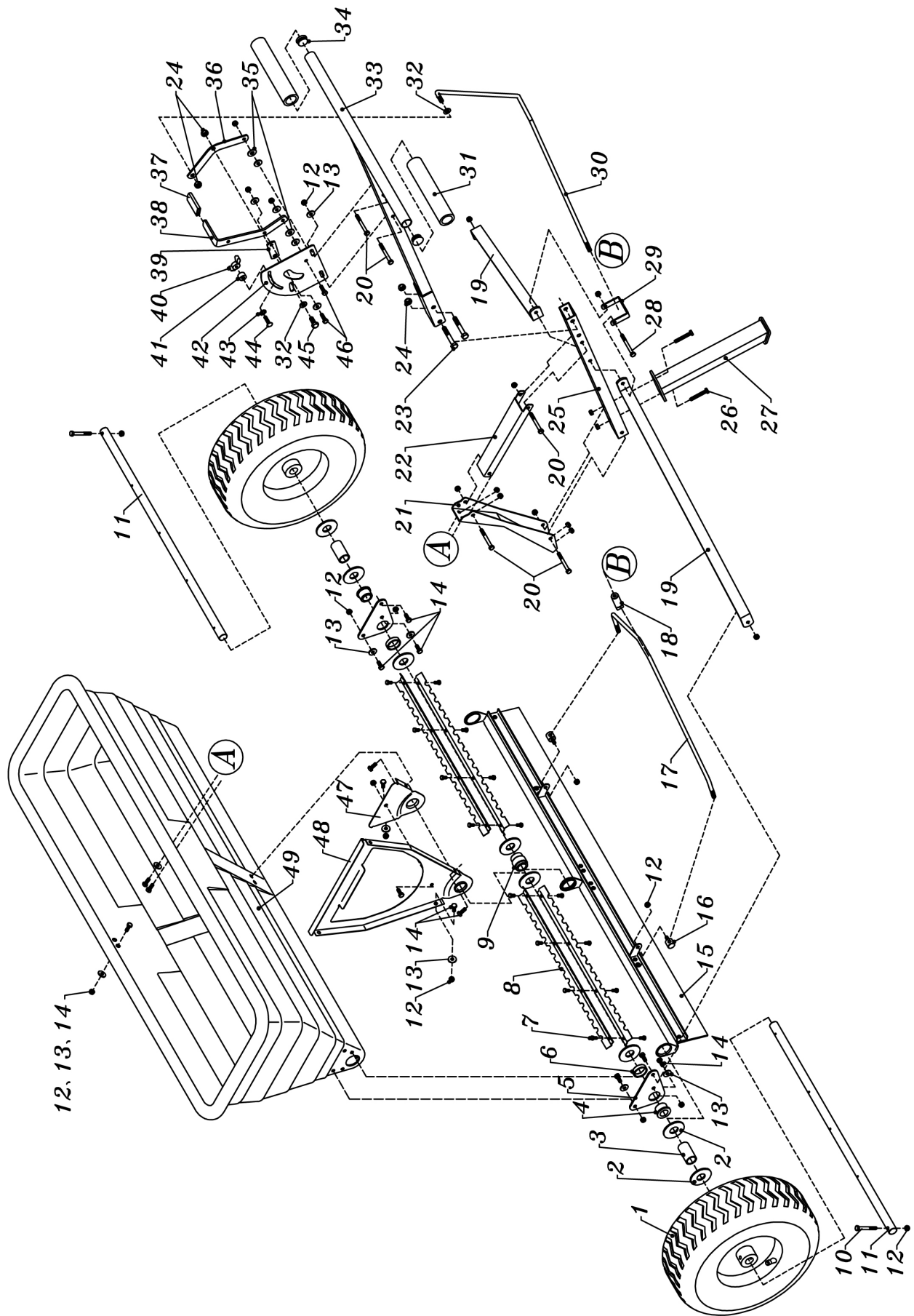
IMPORTANT:

If a part needs replacement, only use parts that meet the manufacturer's specifications. Replacement parts that do not meet specifications may result in a safety hazard or poor operations.

STORAGE

- Never allow material to remain in the hopper for extended periods of time.
- Before storing make sure the spreader is clean and dry for years of trouble-free service.
- Store indoors or protected area during severe weather and winter months.

Parts Drawing



Parts List

Ref#	Drawing No.	Description	Qty
1	N560-80000	Wheel	2
2	N790-00004-DX	Flat Washer Ø20	8
3	N780-00001-DX	Support Space	2
4	N760-00002	Bushing	2
5	N780-00002	Fixed Plate	2
6	N780-00003-DX	Short Spacer	2
7	9101-05010-DX	Hex Bolt M5x10	16
8	N780-00004-DX	Agitator Blade	4
9	N780-00005	Middle Bushing	1
10	9101-06050-DX	Hex Bolt M6x50	2
11	N780-00007-DX	Wheel Axle	2
12	9206-06000-DX	Nylon Lock Nut M6	28
13	9302-06000-DX	Large Flat Washer Ø6	14
14	9101-06016-DX	Hex Bolt M6x16	14
15	N780-10000	Dodge Gate	1
16	N780-00006-DX	Connecting Stud	2
17	N780-00009-DX	Connecting Rod	1
18	N783-0007-DX	Connector	1
19	N783-0003	Support Pole	2
20	9101-06055-DX	Hex Bolt M6x55	5
21	N783-0001	Bracket	1
22	N783-0002	Connecting Plate	1
23	9101-08055-DX	Hex Bolt M8x55	2
24	9206-08000-DX	Nylon Lock Nut M8	4
25	N783-0006	Handle Connecting Tube	1
26	9101-06040-DX	Hex Bolt M6x40	2
27	N783-0200	Support Leg	1
28	9101-06060-DX	Hex Bolt M6x60	1
29	N783-0004	Bracket	1
30	N783-0008-DX	Adjustment Rod	1

Ref#	Drawing No.	Description	Qty
31	N570-00009	Handle Grip	2
32	9307-08000-DX	Flat Washer Ø8	2
33	N783-0100	T Handle	1
34	T680-00003	Plug	2
35	C130-00005	Nylon Washer	2
36	N783-0005-DX	Control Rod	1
37	N512-00014	Handle Grip	1
38	N760-00012	Adjustable Handle	1
39	N512-00027-DX	Flow Control Plate	1
40	N510-00019	Wing Nut M6	1
41	N510-00016	Spacer	1
42	N575-00006-DX	Gauge Plate	1
43	9315-08000-DX	Outer Tooth Lock Washer Ø8	1
44	9114-06025-DX	Step Bolt M6x25	1
45	9101-08020-DX	Hex Bolt M8x20	1
46	9101-06020-DX	Hex Bolt M6x20	2
47	N780-00014	Small Bracket	1
48	N780-00015	Middle Bracket	1
49	N780-00016	Hopper	1