



LG9550

100LB WALK BEHIND BROADCAST SPREADER



Assembly and Use Instructions

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

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GENERAL WARNINGS



READ and UNDERSTAND this manual completely before using 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 in the spreader.
- Always inspect the spreader 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 load capacity of 100lb.
- Avoid large holes and ditches when transporting loads.
- Be careful when operating on steep grades (hill) the spreader may tip over.
- Do not push close to creeks, ditches and public highways.
- Do not use spreader on windy days when spreading grass seed or herbicides.
- Always use caution when loading and unloading spreader.
- Never tow the spreader with a motorized vehicle.

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.








PROP 65 WARNING

This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

Assembly Is Required

This product requires assembly before use. See "Assembly" section for instructions. Because of the weight and/or size of the push spreader, 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

	<p>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.</p>
	<p>DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.</p>
	<p>WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.</p>
	<p>CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.</p>
	<p>CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.</p>

ABOUT YOUR BROADCAST SPREADER

This spreader is designed to spread a wide range of materials (Rock Salt, Ice Melt, Sand, Seed Mulch and large-size granular material). 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 100lbs when operating the spreader.

Your spreader needs to be pushed at three miles per hour, which is a brisk walking speed. 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. Wash between the shut off plate and bottom of the hopper.

Technical specifications on the push spreader are provided in the “Specifications” section of this manual.

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) **Handle** – Pushes and moves the spreader easily.
- 2) **Hopper** – Do not exceed rated load capacity 100lb.
- 3) **3-Flap Deflector Shields** – Controls spreading pattern around sidewalks and near sensitive foliage.
- 4) **Impeller** - Evenly distributes material.
- 5) **Tires / Wheel** – Do not exceed recommended rated 25PSI.
- 6) **Flow Control** – Controls the flow of material being spread.



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.

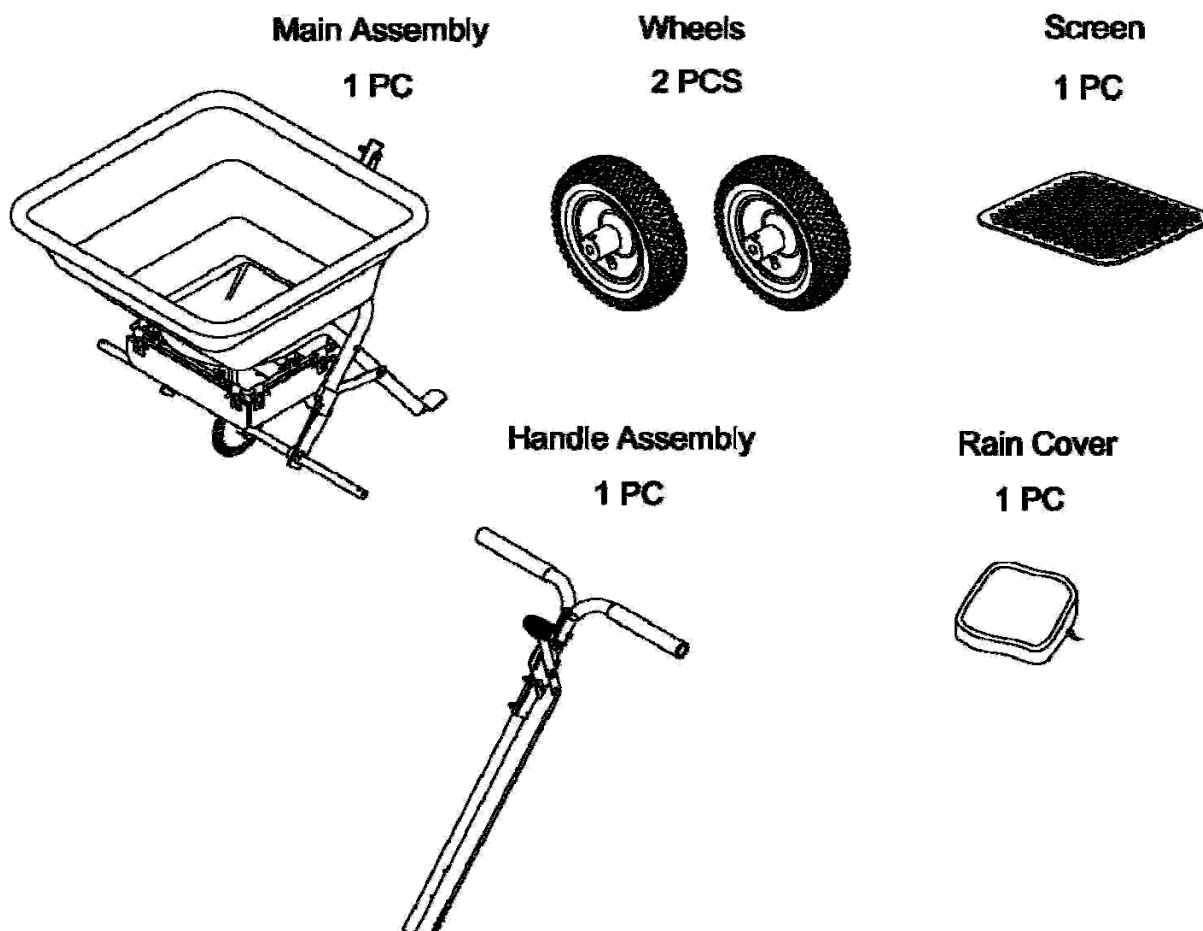
SPREADER COMPONENT PARTS AND ASSEMBLY

Take all parts out of the carton and inspect components to ensure there are no missing pieces before starting to assemble the push spreader follow steps 1 through 3.

TOOLS REQUIRED

- Pliers (2 Each)
- 10mm Wrenches (2 Each)

Component and Hardware



Component and Hardware

Lock Nut M6

1 PC



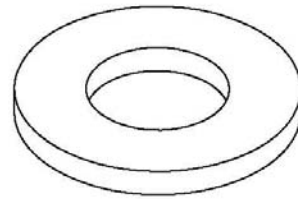
Bolt M6X60

1 PC



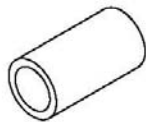
Flat Washer Ø16

5 PCS



Wheel Bushing

2 PCS



Cotter Pin Ø5x35

1 PC

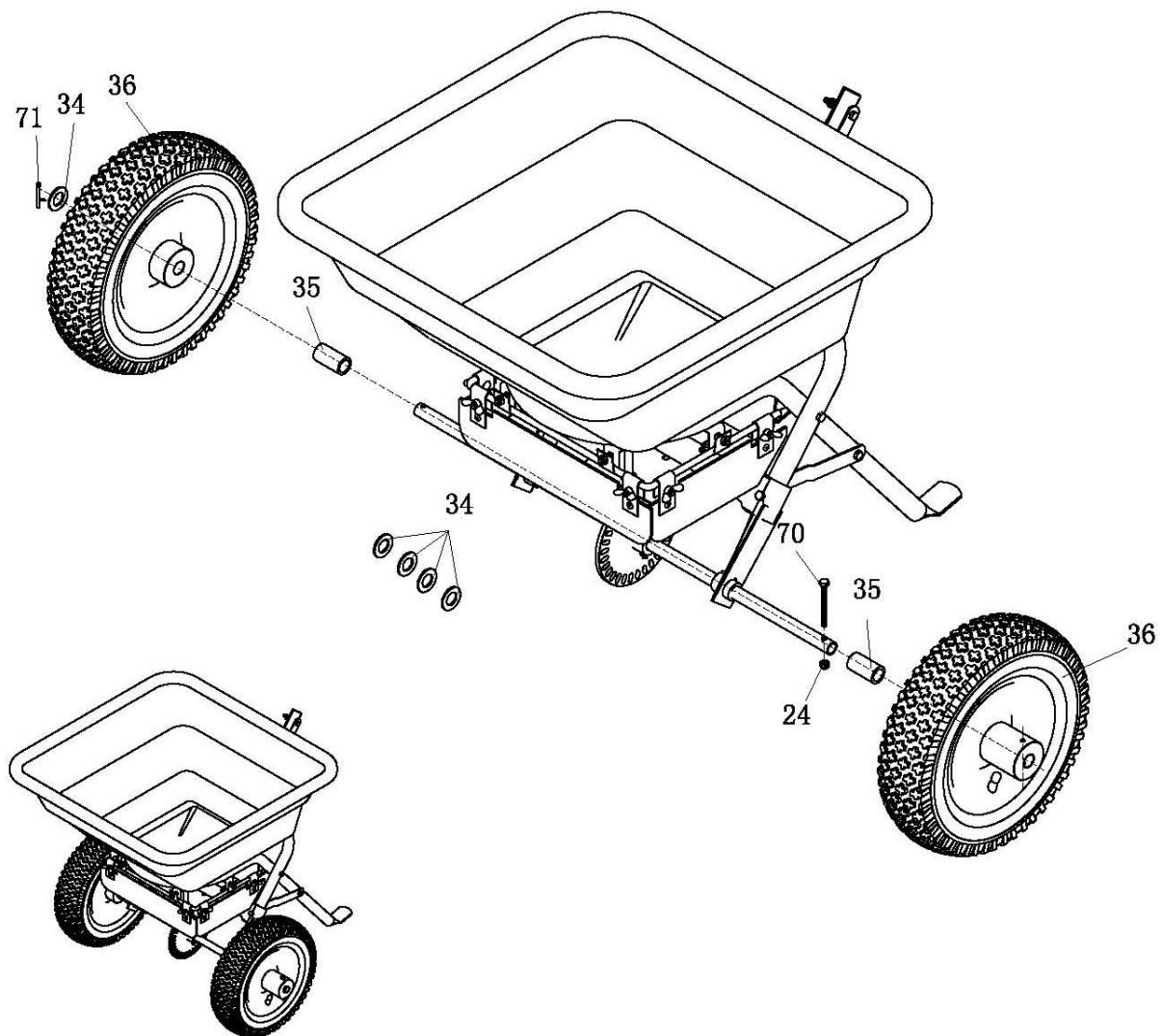


Assembly Instructions

STEP 1: Installing the Wheel Bushings and Wheels

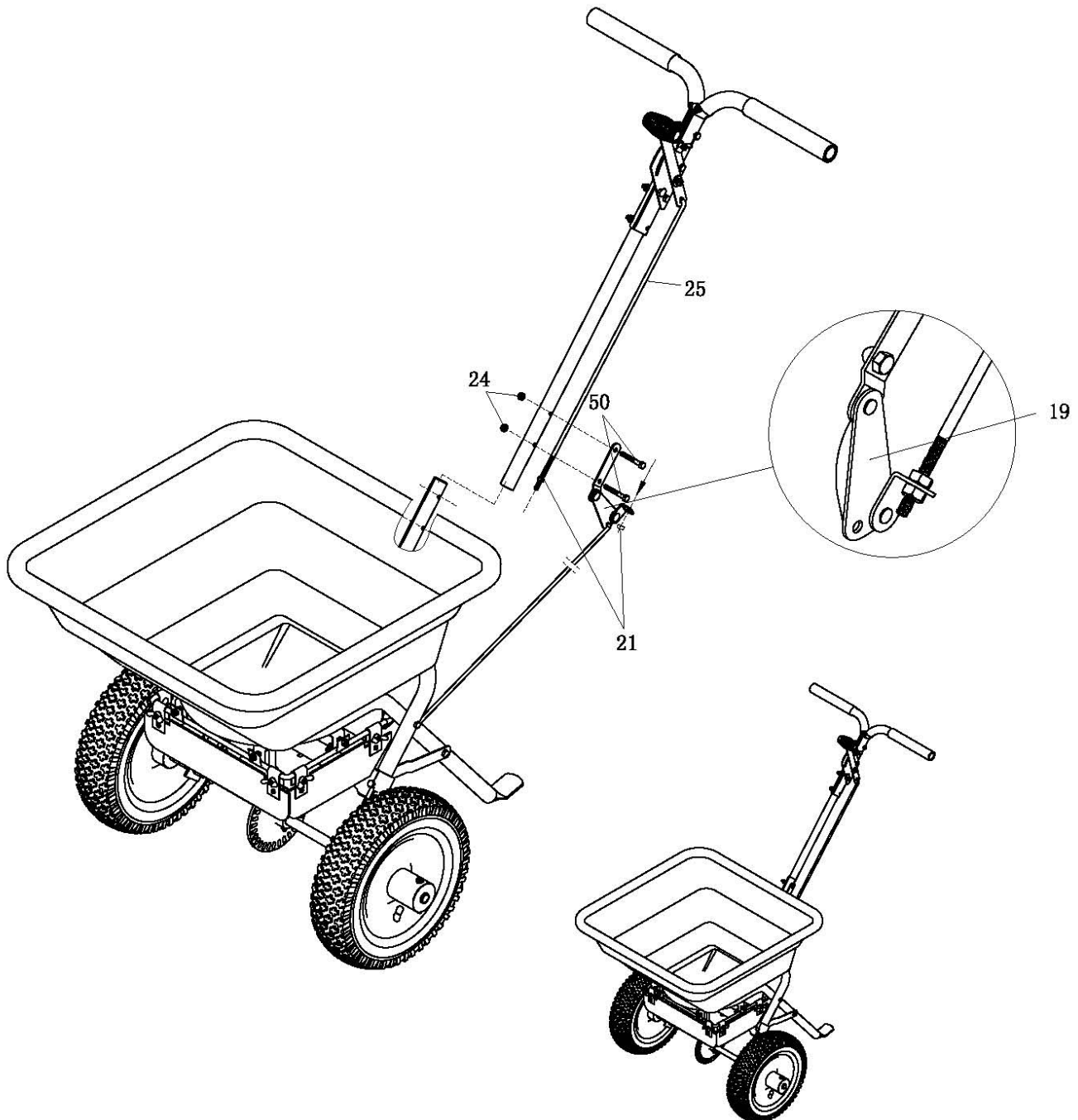
1. On the left side of the axle insert the wheel bushing (#35), wheel with air valve facing out (#36), Ø16 flat washer (#34) and secure with the Ø5x35 cotter pin (#71).
2. Insert the wheel bushing (#35), wheel (#36) on the right side and secure using the M6x60 bolt (#70) and M6 lock nut (#24).

NOTE: If needed use the extra flat washers (#34) to decrease the gap between the wheels.



STEP 2: Attaching the Connecting Rods A and Pivot Bracket Assembly

1. Attach pivot bracket assembly (#19) to the handle assembly by using M6X55 bolt (#50) and M6 lock nut (#24).
2. Remove one nut (#21) from the end of the connecting rod A (#25) and insert the end into the pivot bracket assembly (#19) and retighten the nut (#21).

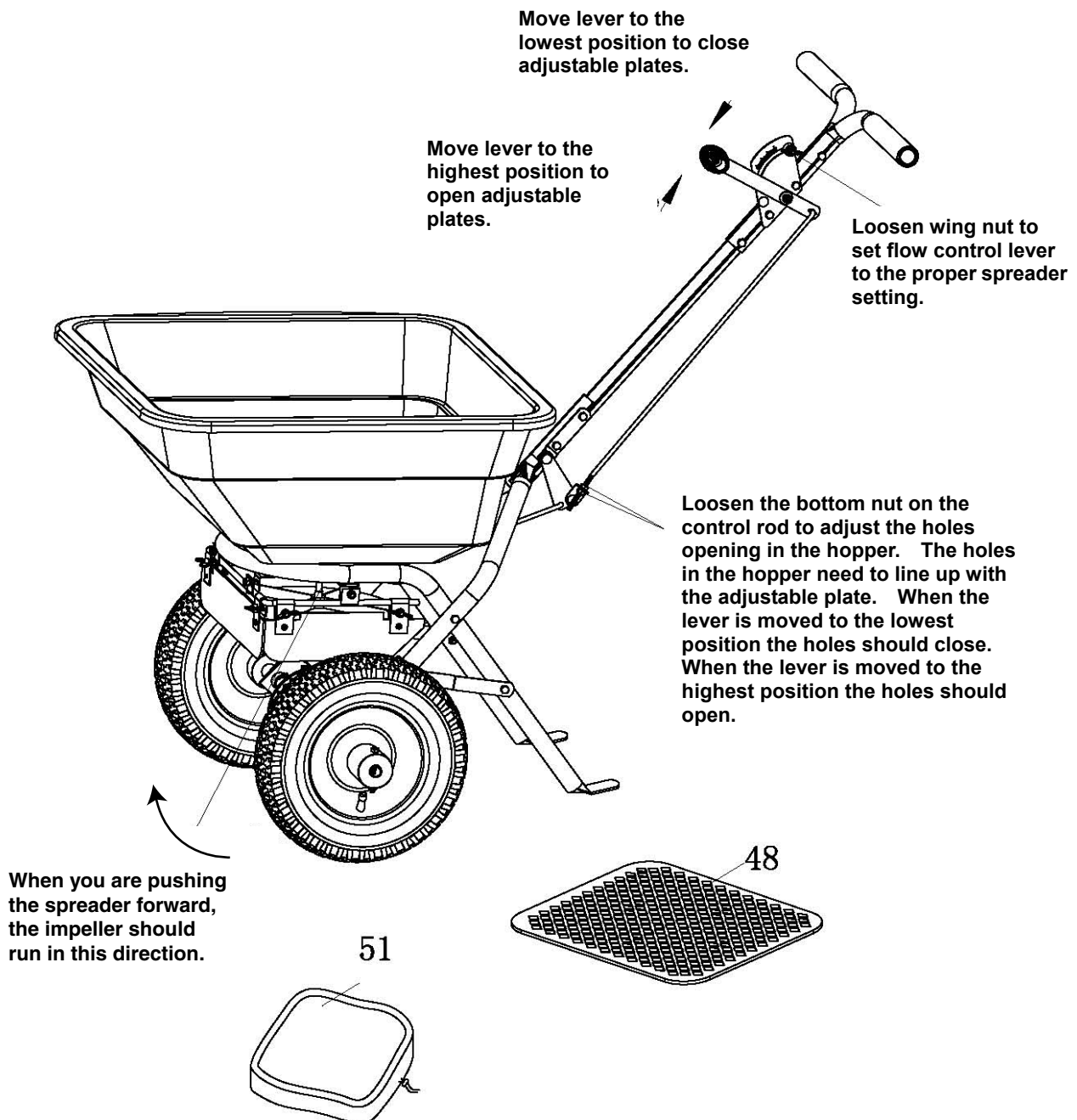


Assembly Instructions

STEP 3: Final Spreader Adjustments

1. Loosen the wing nut and move the handle to the lowest position to close adjustable plates.
2. Move the handle to the highest position to open the adjustable plates.
3. If the adjustable plates are not completely open when the lever is in the highest position, loosen the bottom nut on the control rod.
4. Use your hand and match up the holes on the hopper and adjustable plate so they are fully open.
5. Retighten the control rod nut and check to make sure the adjustable plate operates properly when the lever is moved to the lowest and highest positions.
6. Insert the screen (#48) and attach rain cover (#51).
7. Tighten all hardware before operating the spreader.

NOTE: The holes in the bottom of the hopper and the adjustable plate need to line up.



Operation Instructions

WARNING

Before using the push spreader, review the instructions below and safety information before operating. Failure to follow these instructions may result in property damage or injury to the operator or bystanders.

USING YOUR SPREADER

1. Inspect your spreader before each use. Make sure the wheels turn easily, and the gearbox moves when the spreader is pushed. The hopper should be clean and free from cracks.
2. Spreader is designed to spread a range of materials (Rock Salt, Ice Melt, Sand, Fertilizer and Grass Seed). Materials such as Powder, Manure, Top Soil and Gravel have the wrong physical characteristics and should not be used with your spreader.
3. Determine approximate square footage of the area to be covered and estimate amount of material required. Please refer to fertilizer manufacturer's recommendation. Break up any lumpy fertilizer as you fill the hopper.
4. Before filling the hopper, make sure that the flow control lever is in the "0" position and the flow control plate is closed.
5. Set the adjustable stop with the flow control lever always in the "0" position. Every time you are ready to stop or turn back, close the flow control plate to stop dispersing the material and continue one more stride. This reduces waste and avoids damaging the lawn with oversaturated product coverage.
6. Follow fertilizer manufacturer's recommended coverage rate for each product.
7. To maintain the same coverage when walking at a different speed, adjust the flow rate. Reduce the flow setting for slower speeds and increase the flow setting for higher speeds.
8. Keep the impeller plate horizontal when operating the spreader. Tilting the spreader will result in uneven coverage.
9. Always start walking prior to opening the closure plate.
10. Always close the flow control plate before turning or stopping the spreader.
11. If spreading material is accidentally deposited too heavily in a small area, soak the area thoroughly with a garden hose or sprinkler to prevent burning of the lawn.
12. To ensure consistent coverage, make sure each broadcast pattern slightly overlaps the previous broadcast pattern.
13. When broadcasting spreading material, make sure the broadcast pattern does not hit evergreen trees, flowers or shrubs.
14. Do not over apply spreading material. Follow the recommended coverage rate for each product. Over application will lead to lawn damage and contamination.

Operation Instructions



CAUTION

The spreader settings are guidelines only. The spreader should be calibrated prior to application to ensure accuracy.

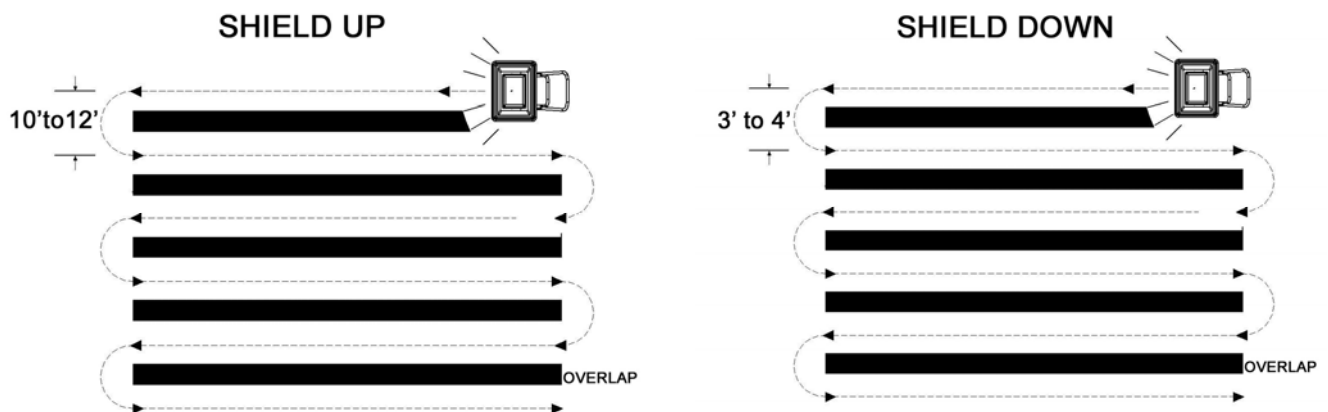
The spreader settings are based on a walking speed of 3 MPH. Walking faster or slower will alter the spread application rate. Exact rates depend upon the spreader itself and the accuracy of the person operating it.

ADJUSTING THE FLOW

1. For proper material flow settings refer to the spreading instructions section.
2. Move the bolt on flow control assembly to the proper setting and tighten.
3. Pushing the spreader forward at brisk walking speed to ensure consistent coverage of material.
4. To stop, move the flow control lever to the closed position before stopping.

CONSISTENT COVERAGE

To ensure consistent coverage, make sure each broadcast pattern slightly overlaps the previous broadcast pattern as shown in figures below. Your spreader comes with adjustable deflector shields (shield down) to control the flow of Rock Salt or Ice Melt. The approximate broadcast widths for different materials are shown in the application chart.



WARNING

Do not over apply spreading material. Follow the recommended coverage rate for each product. Over application will lead to damage and contamination. If spreading material accidentally hits or deposits to heavily, soak the area thoroughly with a garden hose or sprinkler to prevent burning.

Spreading Instructions

CALCULATING AMOUNT OF MATERIAL NEEDED




To calculate the amount of fertilizer you will need to cover your lawn, divide the coverage amount listed on the label by the weight of the fertilizer bag. For example a 10LB. bag of fertilizer with coverage of 10,000 square feet will distribute 1LB. of fertilizer every 1,000 square feet at full rate or 1/2LB. of fertilizer every 1,000 square feet at half rate. For pre-calculated rates see **Chart A** (Example: 25LB. bag with 15,000 sq. ft. coverage = 1.7LB./1,000 sq. ft.). Use **Chart B** to find the closest spreader setting (Example: 1.7LB./1000 sq. ft. = Spreader Setting of 12).

Chart A - Square Foot Coverage per Bag*

Weight of Bag (LBS.)	LBS/1,000 SQ FT		
	5,000 SQ FT COVERAGE	10,000 SQ FT COVERAGE	15,000 SQ FT COVERAGE
5	1.0 LB.	0.5 LB.	0.3 LB.
10	2.0 LB.	1.0 LB.	0.7 LB.
15	3.0 LB.	1.5 LB.	1.0 LB.
20	4.0 LB.	2.0 LB.	1.3 LB.
25	5.0 LB.	2.5 LB.	1.7 LB.
30	6.0 LB.	3.0 LB.	2.0 LB.
35	7.0 LB.	3.5 LB.	2.3 LB.
40	8.0 LB.	4.0 LB.	2.7 LB.
45	9.0 LB.	4.5 LB.	3.0 LB.
50	10.0 LB.	5.0 LB.	3.3 LB.

*These are only estimates actual amounts may vary.

Chart B - Spreader Settings/Spread Widths

MULTI-USAGES	LBS/1,000 SQ FT	SPREADER SETTING	 SMALL PARTICLE SPREAD	 MEDIUM PARTICLE SPREAD	 LARGE PARTICLE SPREAD
ROCK SALT ICEMELT FERTILIZER GRASS SEEDS	1	10	5-6 FT.	6-9 FT.	9-12 FT.
	2	12	5-6 FT.	6-9 FT.	9-12 FT.
	3	14	5-6 FT.	6-9 FT.	9-12 FT.
	4	15	5-6 FT.	6-9 FT.	9-12 FT.
	5	17	5-6 FT.	6-9 FT.	9-12 FT.
	6	18	5-6 FT.	6-9 FT.	9-12 FT.
	7	20	5-6 FT.	6-9 FT.	9-12 FT.
	8	23	5-6 FT.	6-9 FT.	9-12 FT.
	9	25	5-6 FT.	6-9 FT.	9-12 FT.
	10	30	5-6 FT.	6-9 FT.	9-12 FT.

*These are only estimates actual spreader settings and spread widths may vary depending on material.

Spreading Instructions

ADDITIONAL SPREADER SETTING INSTRUCTIONS

For materials that **DO NOT** use a typical 5,000 Sq. Ft, 10,000 Sq. Ft. & 15,000 Sq. Ft. coverage value.

To obtain the proper spreader settings follow the steps below:

- 1) Find the total weight in lbs. of the product from the product label on the bag of material.
- 2) Find the coverage amount in square feet that the product is rated for from the product label on the bag of material.
- 3) Divide the bag weight rated in lbs. by the square feet coverage rated on the bag.
- 4) Take this result and multiply it by 1000.
- 5) This final number is the lbs. of material to be spread per 1000 square feet.
- 6) Use the spreader setting number in Chart B for the proper setting.

As an example:

- 1) The fertilizer bag weighs 10 lbs.
- 2) The coverage value is rated at 2000 square feet.
- 3) $10 \text{ lbs.} / 2000 \text{ square ft.} = 0.005$
- 4) $0.005 \times 1000 = 5 \text{ lbs. per } 1000 \text{ sq. ft.}$
- 5) Using this number in Chart B, you would obtain a spreader setting of 17.

Chart B - Spreader Settings/Spread Widths

MULTI-USAGES	LBS/1,000 SQ FT	SPREADER SETTING	• SMALL PARTICLE SPREAD	● MEDIUM PARTICLE SPREAD	● LARGE PARTICLE SPREAD
ROCK SALT ICEMELT FERTILIZER GRASS SEEDS	1	10	5-6 FT.	6-9 FT.	9-12 FT.
	2	12	5-6 FT.	6-9 FT.	9-12 FT.
	3	14	5-6 FT.	6-9 FT.	9-12 FT.
	4	15	5-6 FT.	6-9 FT.	9-12 FT.
	5	17	5-6 FT.	6-9 FT.	9-12 FT.
	6	18	5-6 FT.	6-9 FT.	9-12 FT.
	7	20	5-6 FT.	6-9 FT.	9-12 FT.
	8	23	5-6 FT.	6-9 FT.	9-12 FT.
	9	25	5-6 FT.	6-9 FT.	9-12 FT.
	10	30	5-6 FT.	6-9 FT.	9-12 FT.

*These are only estimates actual spreader settings and spread widths may vary depending on material.

WARNING

Do not over apply spreading material. Follow the recommended coverage rate for each product. Over application will lead to damage and contamination. If spreading material accidentally hits or deposits to heavily, soak the area thoroughly with a garden hose or sprinkler to prevent burning.

Maintenance and Storage



WARNING

Improper maintenance and storage of the push 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 25 PSI.
- Periodically check all fasteners for tightness.
- Annually clean and lightly lubricate parts.
- Never exceed load capacity rating of 100lbs 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.

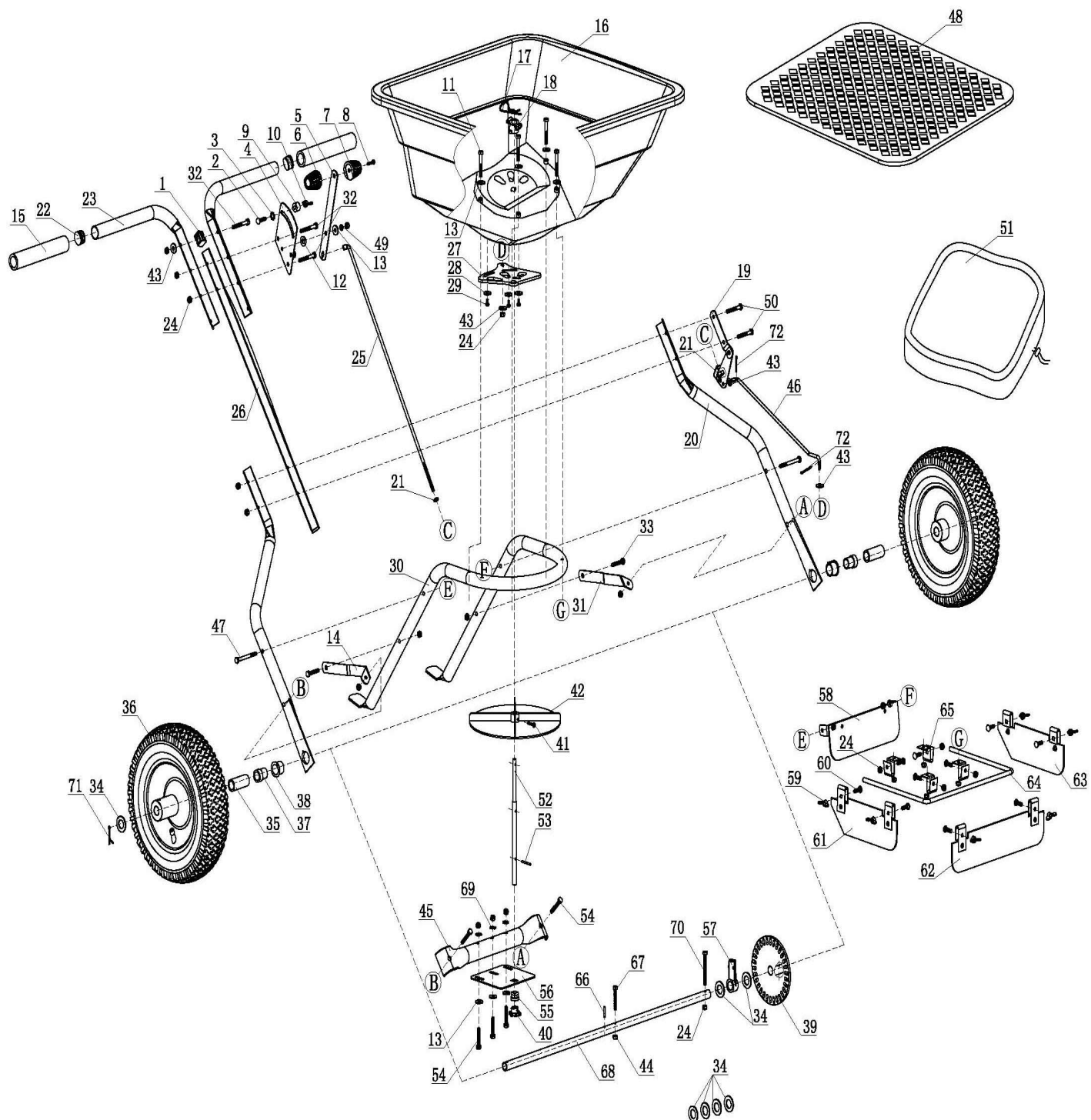
STORAGE

- 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.

Specifications

Load Capacity	100lb
Spreader Type.....	Broadcast
Hopper Material	Polypropylene
Hopper Dimensions	21.5" x 21.5" x 15"
Overall Dimensions.....	45.3" x 22.8" x 39.4"
Wheel size	12.5"
Tire Pressure (PSI)	25
Unit Weight	31.2lb

Parts Drawing



Limited Warranty

Warranty

For one year from the date of purchase H.B. Smith will replace for the original purchaser, or repair the push spreader. The warranty will not apply to any unit which was not assembled correctly, misused, overloaded or which has been used or operated contrary to our instructions, or which has been repaired or altered by anyone other than an authorized representative. Your sales receipt will be required for warranty claims.

Warranty Exclusions

This warranty does not cover cosmetic defects such as paint, decals or wear items such as tires. This warranty will not cover failures or problems due to acts of God, or events or forces beyond the control of the manufacturer.

Normal Wear Exclusion

The spreader needs periodic service to perform well. This warranty does not cover repair when normal use has exhausted the life of a part or the equipment as a whole.

Installation, Use and Maintenance Exclusion

This warranty will not apply to parts and/or labor if the push spreader has been misused, neglected, involved in an accident, abused, loaded beyond its limits, modified or assembled incorrectly. Normal maintenance is not covered under this warranty.

Limits of Implied Warranty and Consequential Damage Exclusion

H.B. Smith and Howard Berger Co. disclaims any obligation to cover any loss of time, use of this product, freight, or any incidental or consequential claim by anyone from using this push spreader. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

An exchange unit will be subject to the original warranty. The length of the warranty governing the exchanged unit will have the date as the purchase date of the original unit. This warranty gives you certain legal rights which may change from state to state. Your state may also have other rights you may be entitled to that are not listed within this warranty.

Contact Information

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