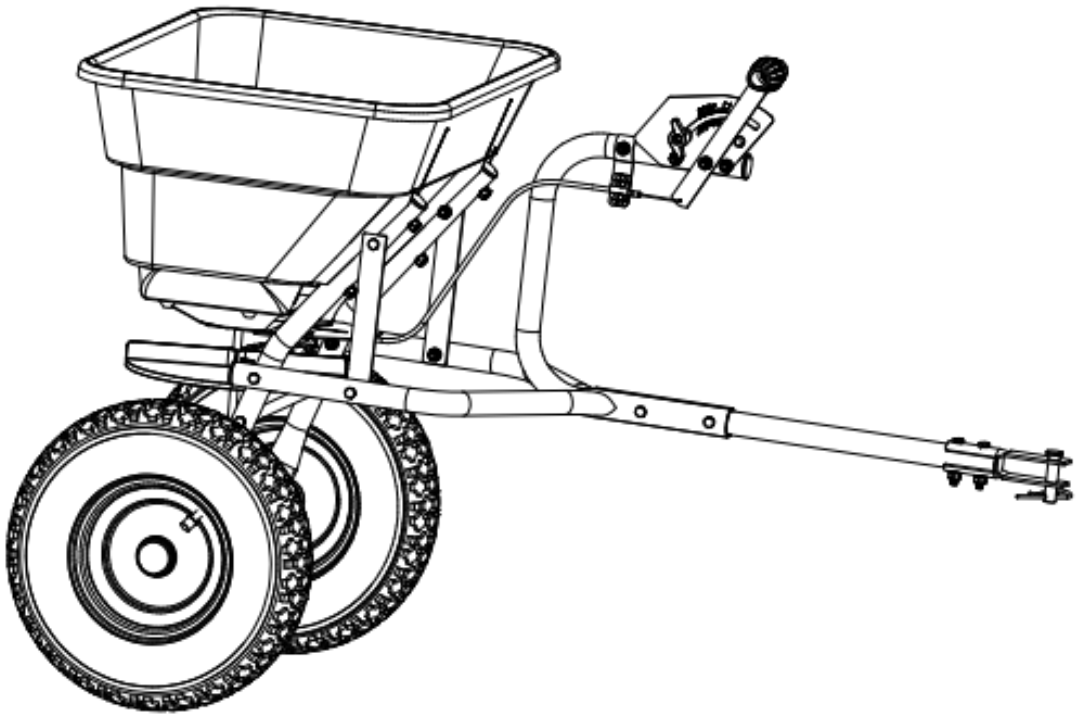
INSTALLATION
Product Manual

Version: 580005US-01JXY-002

80LB TOW BEHIND SPREADER

SKU:KF580005US-01JXY-002



Assembly video

Assembly and Operating Instructions

⚠ 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 push 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 **8**0lb.
- 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 uploading spreader.
- Never tow the spreader with a motorized vehicle.

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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.

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⚠ 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 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.

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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.**

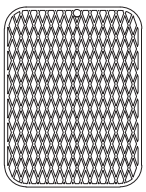
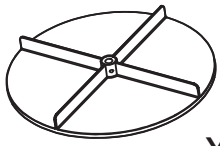
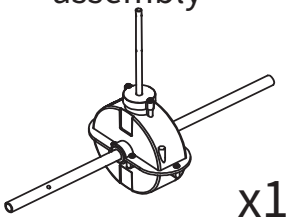
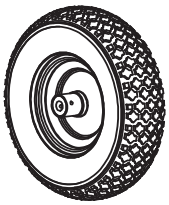
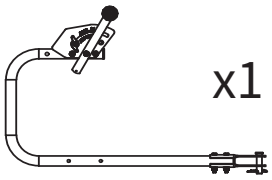
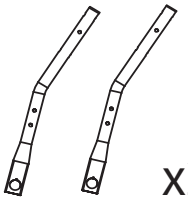
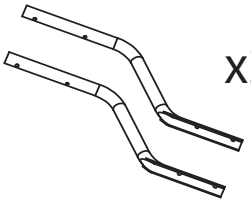
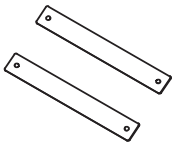
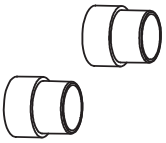
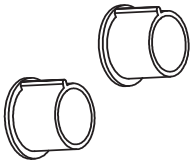
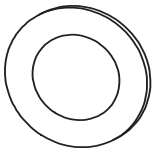
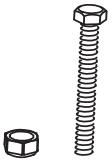
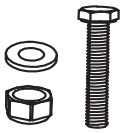
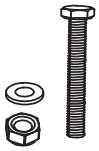
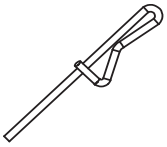
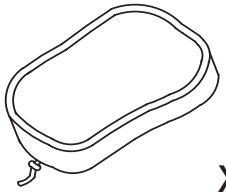
ABOUT YOUR PUSH SPREADER

This push spreader is designed to spreader a wide range of materials (Fertilizer and Grass Seed). Materials such as Powders, Manure, Top Soil, Gravel, and Mulch 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.

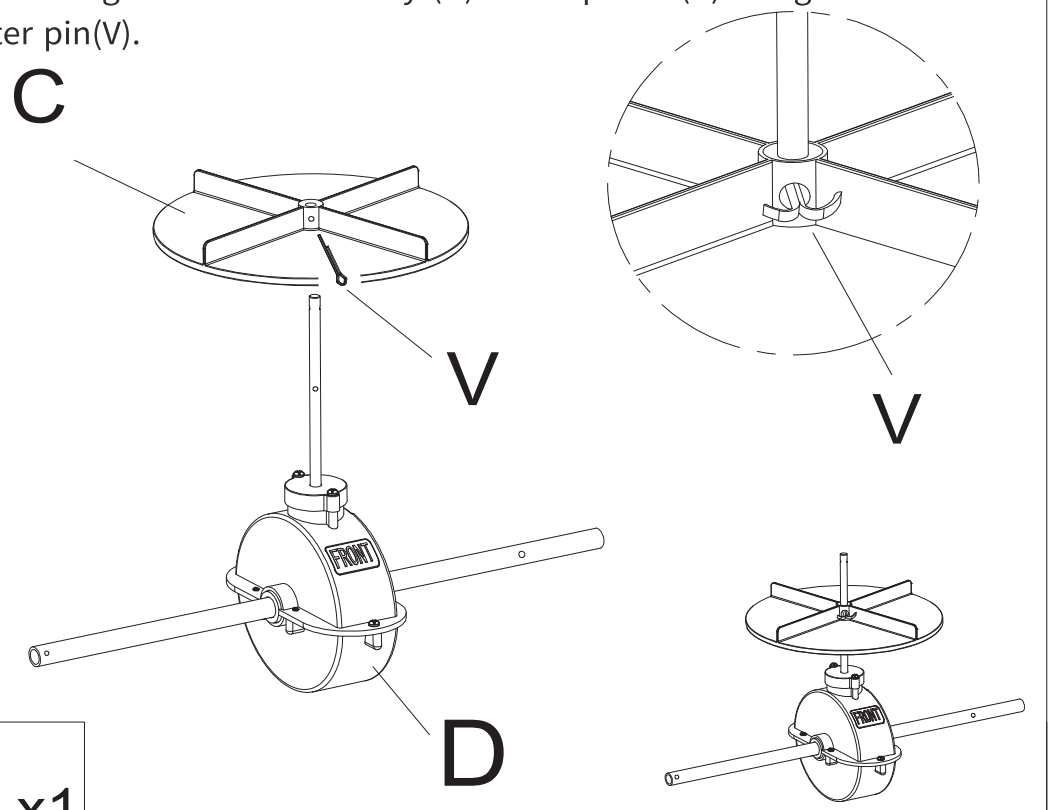
Ensure that the FRONT of the gear box points to the front of the spreader. The impeller must turn clockwise. Reversing the gear box will cause the impeller to turn counter clockwise. Clean the impeller plate after each use. Spreading material stuck on the impeller blades will cause uneven spreading.

Do not open the gear box or dirt may enter these gears are permanently lubricated at the factory.

A Hopper  x1	**B** Hopper screen  x1	**C** Impeller  x1	**D** Gear& axle assembly  x1
E Wheel  x2	**F** Guage& level assembly  x1	**G** Wheel assembly frame  x2	**H** Connecting rod assembly  x2
J Connecting plate  x2	**K** Fixing rod  x1	**L** Outer bushing  x2	**M** Inner bushing  x2
N Sleeve  x2	**P** Flat washer  x1	**R** Bolt  M5x45 x1	**S** Bolt  M6x40 x2
T Bolt  M6x40 x11	**U** Bolt  M6x60 x2	**V** Cotter pin  x2	**W** R pin  x1
Y Rain cover  x1	Wrench 10mm  x2		

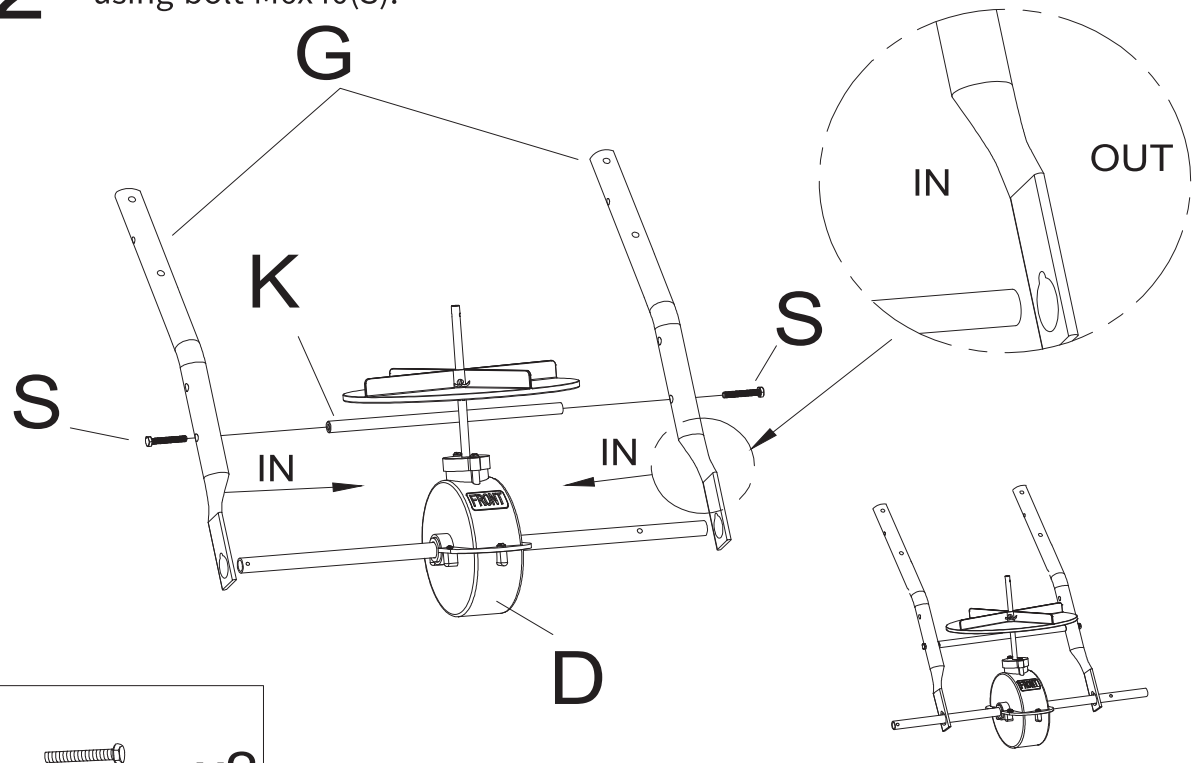
Installation instructions:

1 Install the gear & axle assembly (D)and impeller (C) using cotter pin(V).



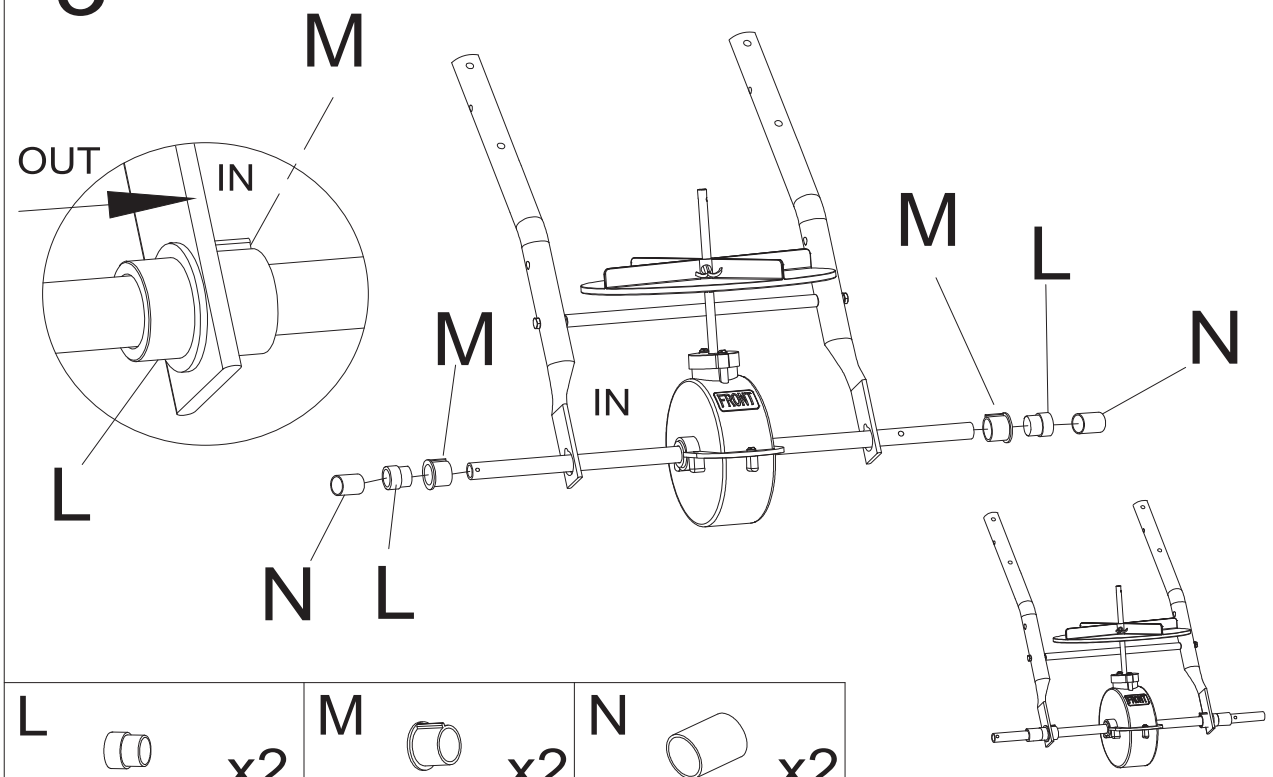
V x1

2 Install the wheel assembly frame(G) and fixing rod(K) using bolt M6x40(S).



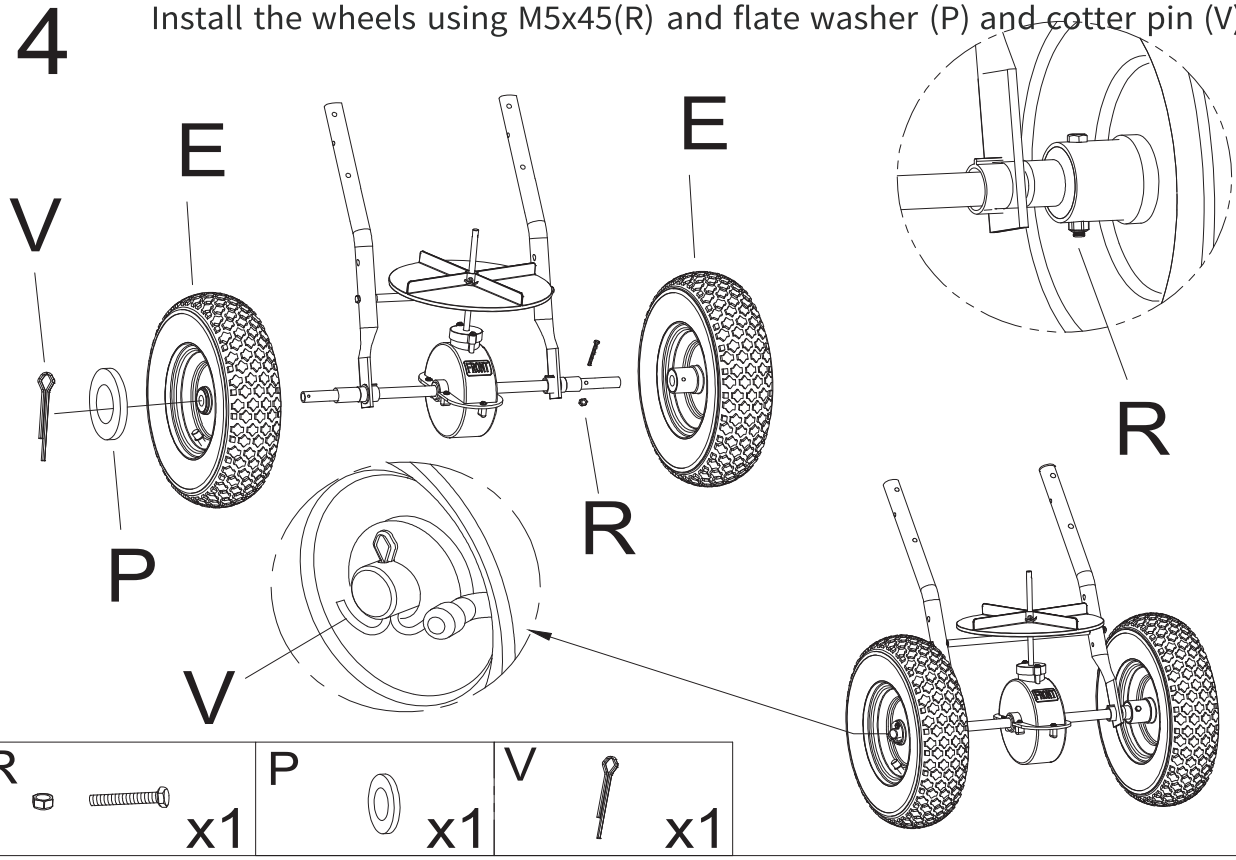
S x2

3 Install the inner bushing(M)and outer bushing(L) and sleeve(N).



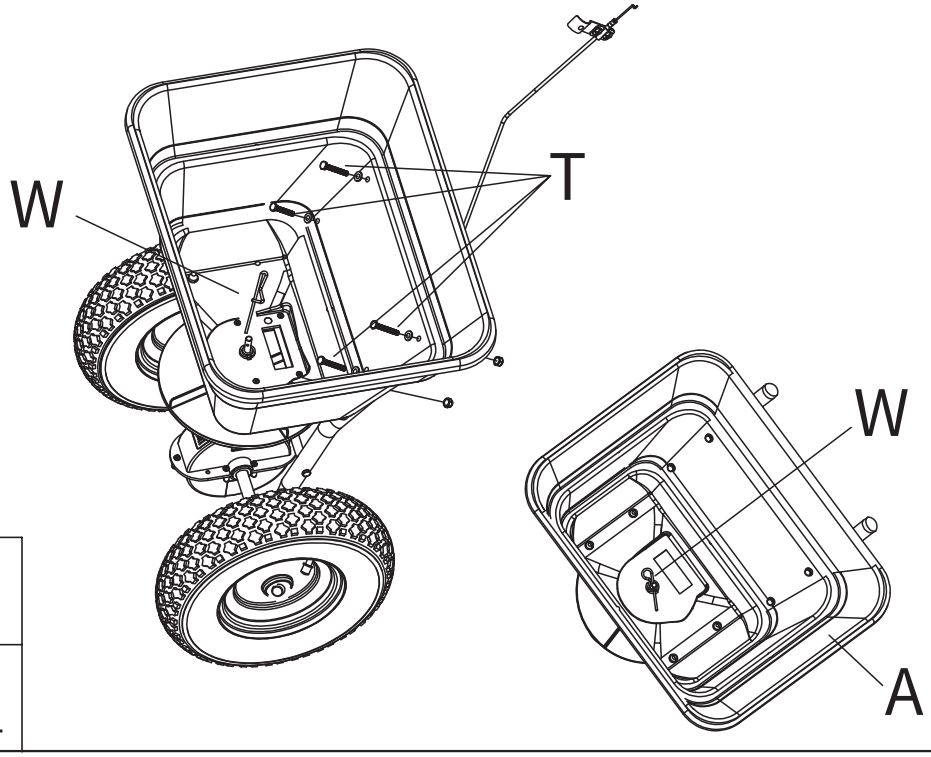
L	M	N
x2	x2	x2

4 Install the wheels using M5x45(R) and flate washer (P) and cotter pin (V).



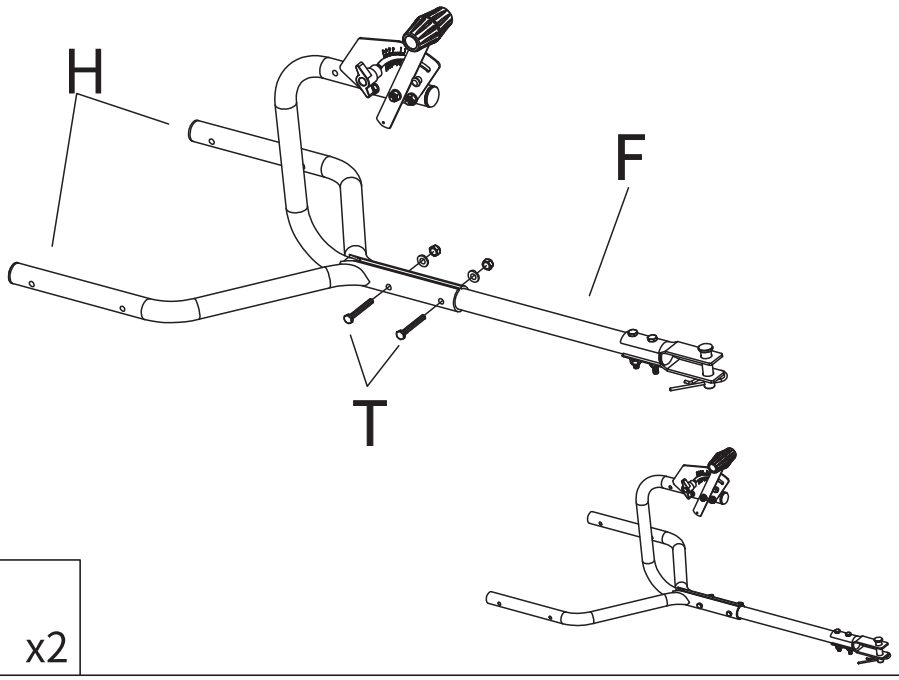
R	P	V
x1	x1	x1

5 Install the hopper (A) onto the wheel assembly frame using bolt M6x40 (T), then insert the cotter pin (W).



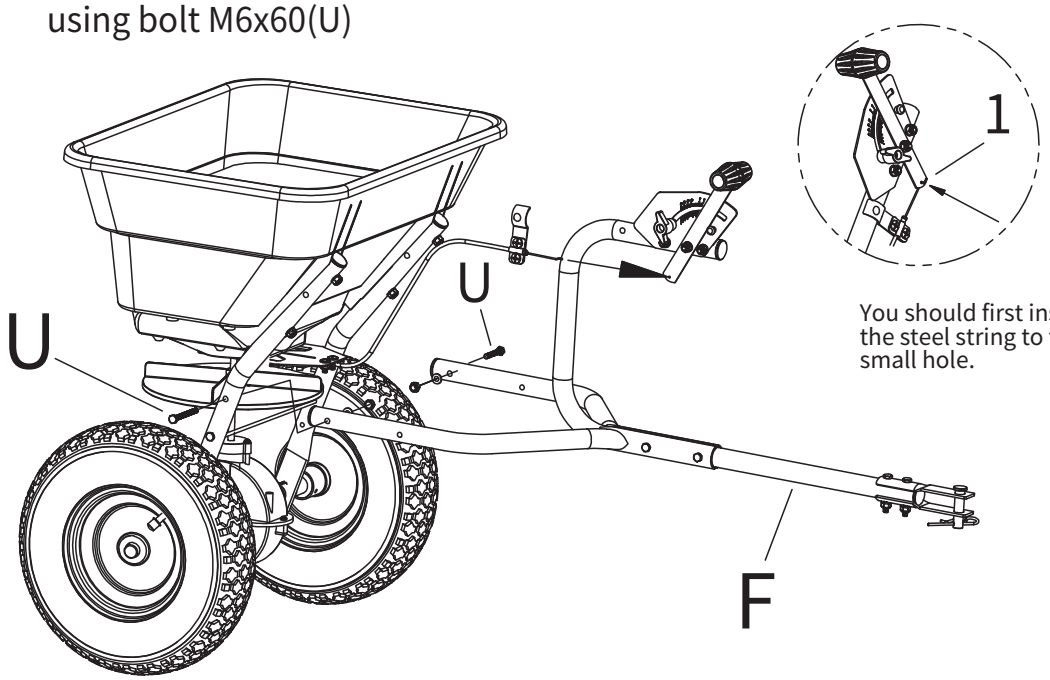
W 	x1
T 	x4

6 Install the guage & level assembly(F) and connecting rod assembly(H) using Bolt M6x40(T)



T 	x2

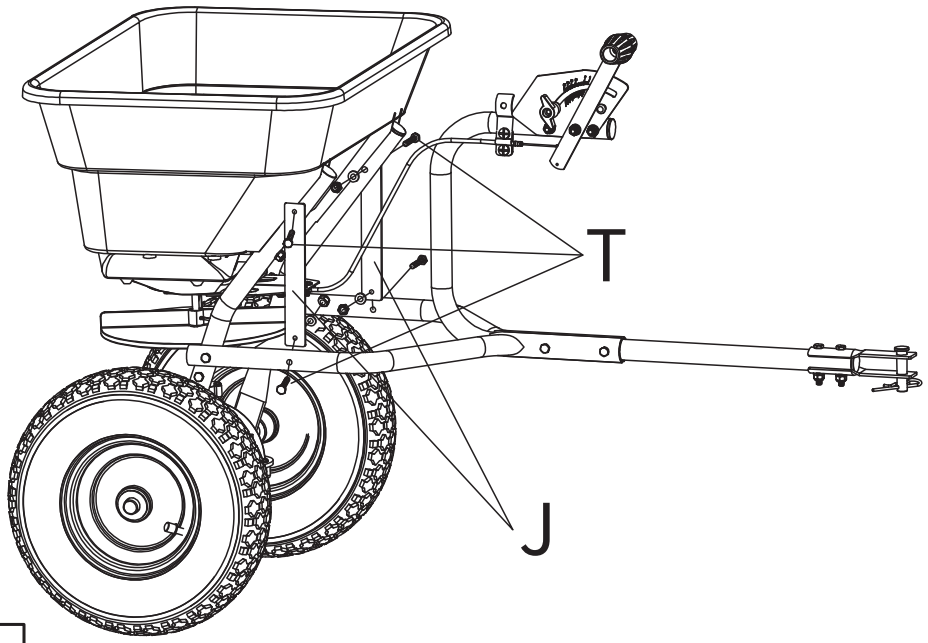
7 Install guage & level assembly(F) to hopper assembly using bolt M6x60(U)



You should first insert the steel string to the small hole.

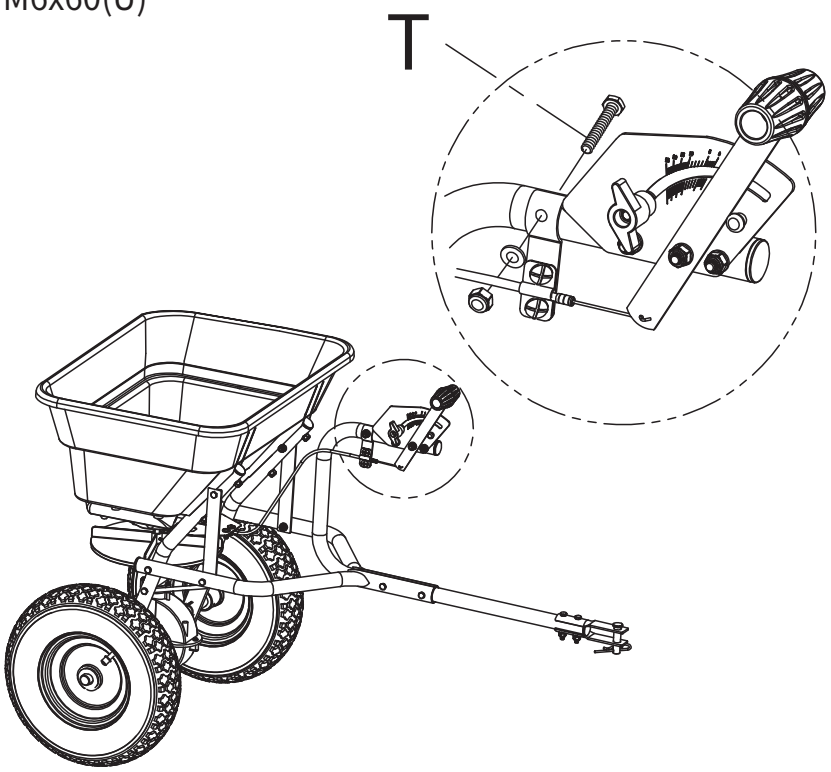
U x2

8 Install the connecting plate(J) on the wheel frame using bolt M6x40(T).



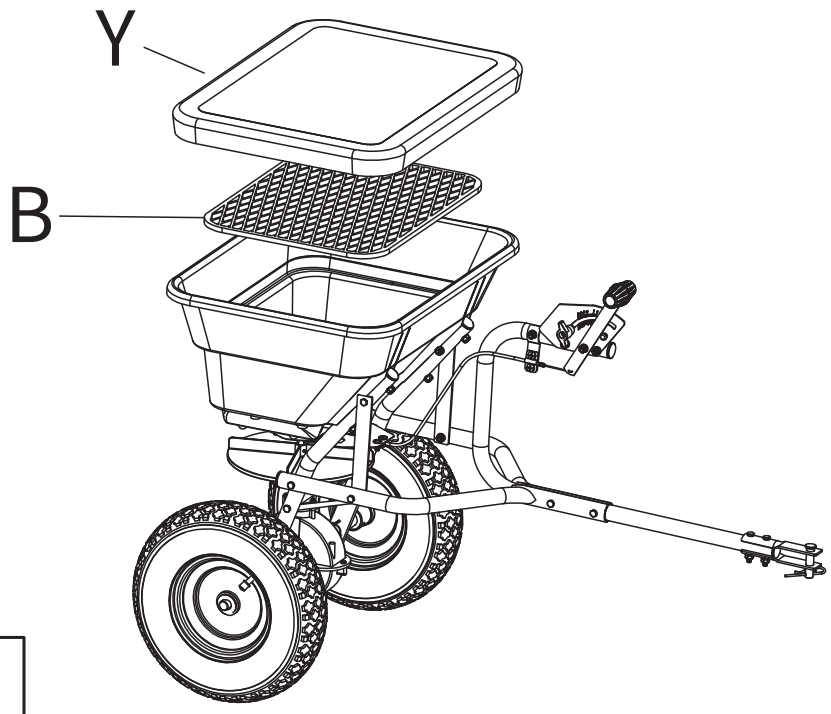
T x4

9 Install the line clamp bottom plate to the guage & level assembly using bolt M6x60(U)



T x1

10 Put the rain cover (X) and hopper screen (B) to the hopper.



T x4

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 (Fertilizer and Grass Seed). Materials such as Powder, Manure, Top Soil, Gravel, and Mulch have the wrong physical characteristics and should not be used with your spreader

3. Do not use spreader on windy days when spreading grass seed or herbicides.

4. 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.

5. Before filling the hopper, make sure that the flow control lever is in the "0" position and the flow control plate is closed.

6. 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.

7. Follow fertilizer manufacturer's recommended coverage rate for each product

8. 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.

9. Keep the impeller plate horizontal when operating the spreader. Tilting the spreader will result in uneven coverage.

10. Make sure the R pin is installed in the hopper before starting the spreader.

11. Always start walking prior to opening the closure plate.

12. Always close the flow control plate before turning or stopping the spreader.

13. 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.

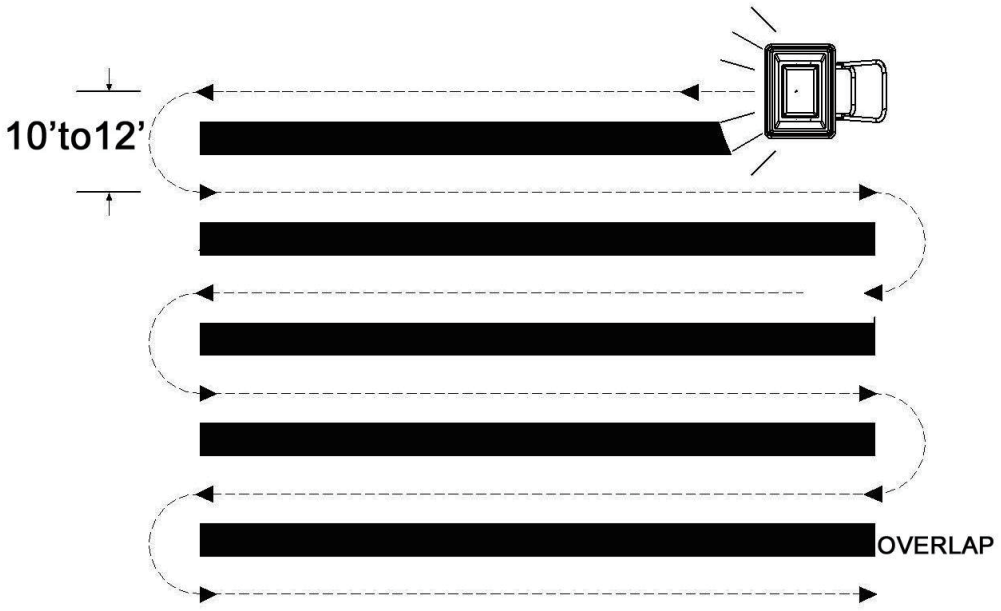
14. To insure consistent coverage, make sure each broadcast pattern slightly overlaps the previous broadcast pattern.

15. When broadcasting spreading material, make sure the broadcast pattern does not hit evergreen trees, flowers or shrubs.

16. Do not over apply spreading material. Follow the recommended coverage rate for each product. Over application will lead to lawn damage and contamination.

USING YOUR SPREADER

1. Determine approximate square footage of area to be covered and estimate amount of material required.
2. Before filling the hopper, make sure the flow control arm is in the off position and the closure plate is shut.
3. Break up any lumpy fertilizer as you fill the hopper.
4. Set the adjustable stop with the flow control arm still in the off position. Refer to the application chart on this page and to the instructions on the fertilizer bag to select the proper flow rate setting.
5. The application chart is calculated for light to heavy application at a vehicle speed of 3 mph, or 100ft. in 23seconds. A variation in speed will require an adjustment of the flow rate to maintain the same coverage. The faster you drive, the wider the broadcast width.
6. Make sure the drive pin is in stalled in the axle before starting the spreader.
7. Always start the spreader in motion before opening closure plate.
8. Always shut the closure plate before turning or stopping the spreader.
9. If fertilizer 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.
10. To insure uniform coverage, make each pass so that the broadcast pattern slightly overlaps the pattern from the previous pass as shown in figure below. The approximate broadcast widths for different materials are shown in the application chart on this page.
11. When broadcasting weed control fertilizers, make sure the broadcast pattern does not hit evergreen trees, flowers or shrubs.
12. Heavy moisture conditions may require a cover over the hopper to keep contents dry. The vinyl cover acts as a wind and moisture shield, but should not be used as a rain cover.



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 5).

Chart A - Square Foot Coverage per Bag*

	LBS/1,000 SQ FT		
Weight of Bag (LBS.)	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
FERTILIZER GRASS SEEDS	**1**	3	5-6 FT.	6-9 FT.	9-12 FT.
	2	5	5-6 FT.	6-9 FT.	9-12 FT.
	3	7	5-6 FT.	6-9 FT.	9-12 FT.
	4	10	5-6 FT.	6-9 FT.	9-12 FT.
	5	12	5-6 FT.	6-9 FT.	9-12 FT.
	6	15	5-6 FT.	6-9 FT.	9-12 FT.
	7	17	5-6 FT.	6-9 FT.	9-12 FT.
	8	20	5-6 FT.	6-9 FT.	9-12 FT.
	9	22	5-6 FT.	6-9 FT.	9-12 FT.
	10	25	5-6 FT.	6-9 FT.	9-12 FT.

NOTE: DO NOT USE SALT. Using salt in this spreader will damage the mechanism and shorten the life of the machine.

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.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.
- Never exceed load capacity rating of **8**0lbs 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.

WARRANTY

WARRANTY CLAIMS

- There is a 30-day warranty for broken furniture or any other problems that do not work properly. The warranty will start from the date of purchase which must be verified by proof of purchase.

- Before making a claim, we may be able to answer your query, simply call us. Please leave your purchase order number, along with some details of the problem, if you want a replacement part. We will arrange within 48 hours. If there is out of stock, we will reply with a shipping date.

- The product must be used in accordance with the instructions provided. For health reasons.

- For other reasons, if the furniture needs to be returned, it must be cleaned and dried and operated within 30 days of receipt.

Type of Warranty Claim

- Failure to follow the furniture instructions will invalidate the warranty. Attention please.

- Does not include damage during installation, but includes damage during transportation.

Scope of responsibility

- Shall not bear any responsibility for misuse or user damage and / or loss of parts during the installation of furniture.

- After using, the damage and scratches of the furniture are not covered by the warranty.

The Warranty Relates to All Bought in The Us and Covers The Following Areas

- Sheet parts: 1 month from the date of purchase.

- Electrical parts: 1 month from the date of purchase.

RETURNS

CHANGED YOUR MIND AND NEED TO RETURN YOU ITEM?

PLEASE FOLLOW THE BELOW INSTRUCTIONS:

- If you have purchased and have simply changed your mind, follow the retailer's instructions for returns.

DEFECTIVE ITEMS

- If your item is defective in any way, i.e. it doesn't work but you can't identify why, in the first instance, please call us.

DAMAGED ITEMS

- If you receive an order with obvious shipping damage from the retailer, then we suggest the delivery is refused. If the delivery has been accepted and then shipping damage is found, please follow the specific instructions advised by the retailer.
  In all circumstances please save all packaging material and paperwork for the order. Please be aware that if you dispose of packaging material or attempt to return the merchandise without contacting the fulfiller, you jeopardise your chances of making a claim, and you may not receive a credit for the return.

AFTER-SALES CONTACT


adelahu@fufugaga.com


208-820-0068
208-820-0799