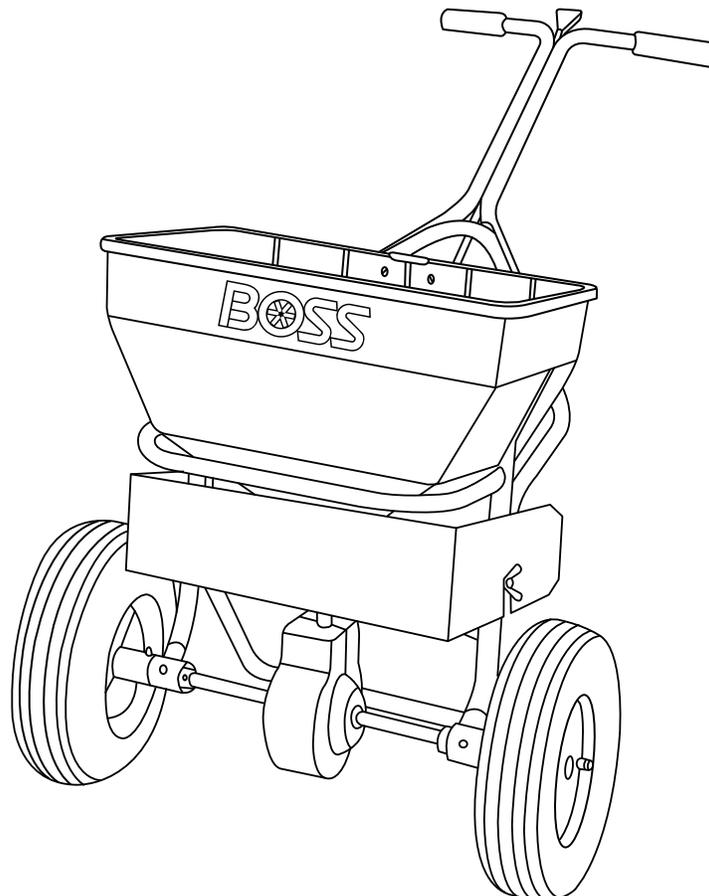




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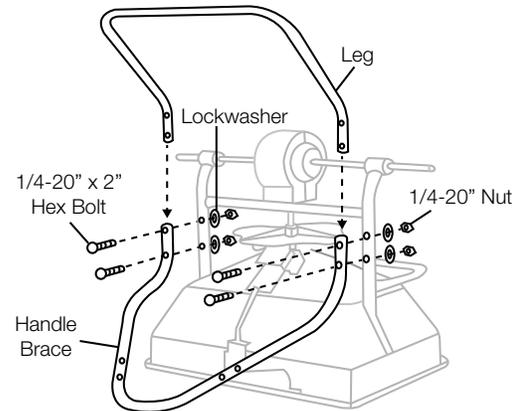
# WBS15800 BROADCAST SPREADER OWNERS MANUAL

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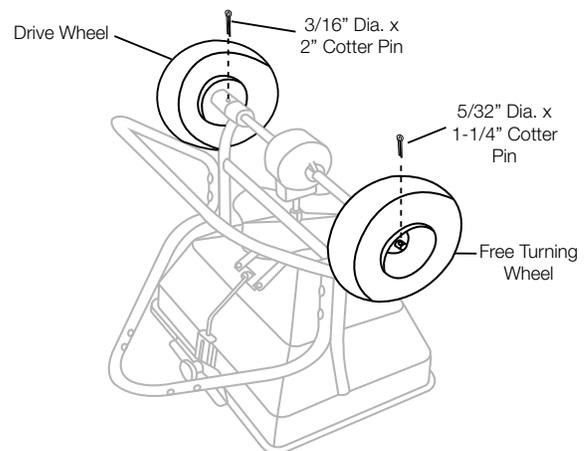


## Assembly

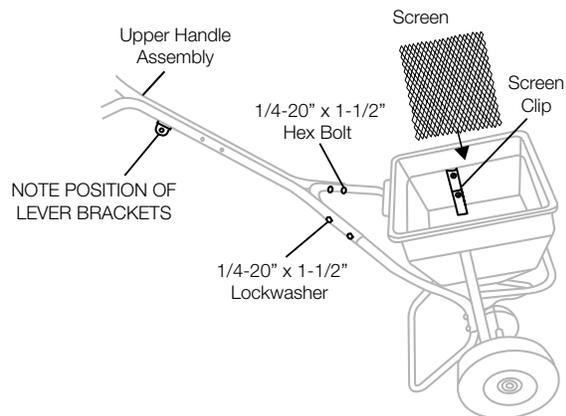
**1.** Remove the spreader and components from carton and place hopper up-side down on a padded surface as shown. For ease of assembly, remove the factory installed deflector by loosening the wing nuts and removing the deflector. Insert ends of leg into handle brace as shown and align holes. Attach brace and leg to frame using (4) 1/4-20 x 2" hex bolts, lockwashers, and nuts.



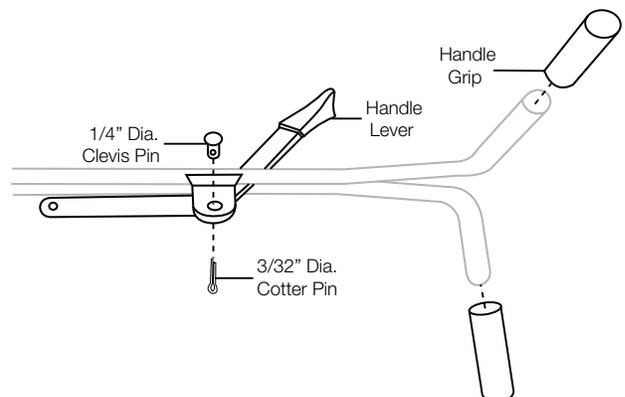
**2.** Slide wheels onto end of axle with the hub facing toward frame. Wheels are identical to ease assembly. Align the hole in the wheel hub and the hole in the axle as shown. Secure drive wheel to axle with 3/16 dia x 2" cotter pin. Insert 1/8 dia x 1 1/4" cotter pin in the hole near the end of axle to retain free turning wheel.



**3.** Turn spreader upright on wheels. Insert screen into hopper sliding it under the screen clips. Attach the upper handle assembly to handle brace with the handle lever brackets facing as shown. Secure with (4) 1/4-20 x 1 1/2" hex bolts, lockwashers and nuts.



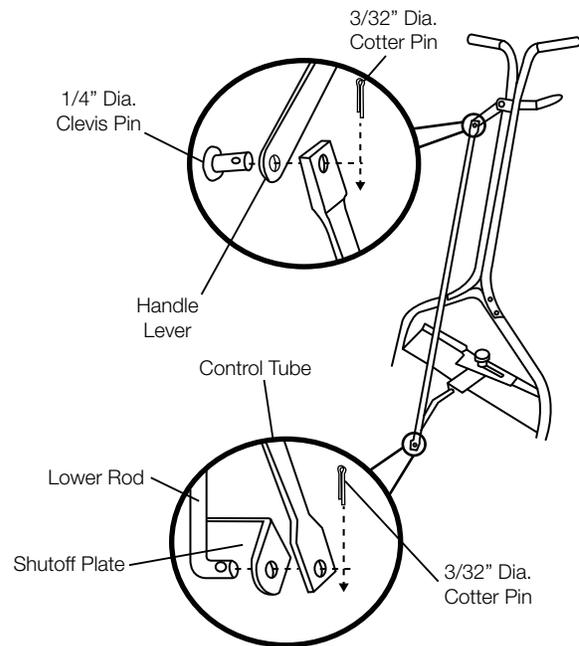
**4.** Slide handle lever between handle brackets as shown and secure with (1) 1/4" dia. clevis pin and 3/32" dia. cotter pin. Make sure lever pivots freely. Install handle grips onto upper handle.



## Assembly

### Step 5

Install control tube to handle lever with (1) 1/4 dia. clevis pin and a 3/32" dia. cotter pin. Slip opposite end of control tube over lower control rod making sure shutoff plate is between the lower rod and the control tube. Secure with a 3/32" dia. cotter pin. Reinstall deflector removed in Step 1.

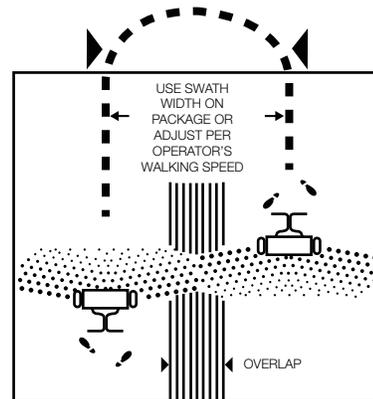


## Operation

**NOTE:** This spreader is equipped with a factory installed deflector shield that is used for applying ice melt products to a narrow area. Shield is easily removed for ice melt application to large areas or when using turf care products.

1. Check the product package for the rate setting, and recommended swath width. Loosen rate control knob and slide rate plate to the proper setting. The pattern is controlled by loosening the two knobs on the discharge chute and moving the chute closer or farther away from the impeller (setting A, B, or C). See "Pattern Adjustment" for details.

2. Always fill the spreader on the driveway or sidewalk, not on the lawn. Make sure screen is in hopper and spreader is in the "OFF" position.



3. Start spreader moving before opening port. Close before stopping. Always push spreader, **NEVER PULL.**

4. Hold handle so top of spreader is level. Tipping the spreader too far can cause uneven spreading.

5. The settings and swath widths on the product label are recommended starting points. Always check the delivery rate and pattern on a small area before treating a large area. Actual delivery rate can vary due to weather conditions, operating variables, and condition of the product being applied. See "How to Determine Spreader settings and Spread Width" for details.

6. Push spreader at a normal walking speed 2-1/2 mph. (18 feet in 5 seconds). Apply header strips around area to be treated. Space trips across the area as shown. Keep material off flower beds, sidewalks, etc.

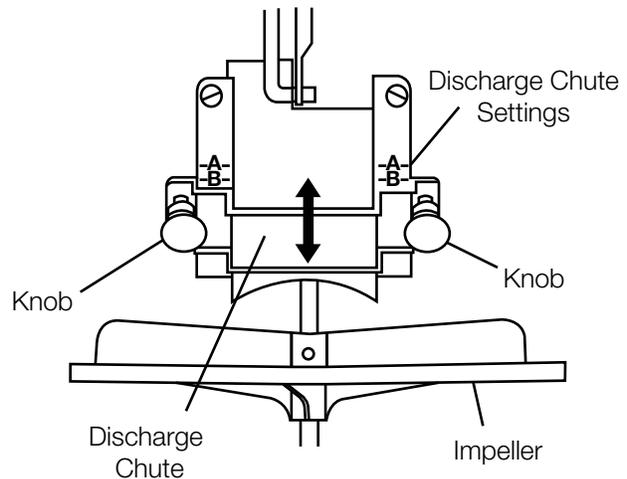
7. When transporting spreader, make sure that it is in the "OFF" position. Make sure handle lever is locked using the hitch pin through the hole in lever.

8. Empty spreader after each use. Return leftover material to its original container.

## Pattern Adjustment

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Normal spreading of materials requires no adjustment (Factory setting "A") unless stated on the package. In those cases where the spread pattern has shifted, the pattern can be adjusted left and right by loosening the two knobs on the discharge chute and moving the chute closer or farther away from the impeller. Settings of "A, B, and C" are provided as reference.



## How to determine spreader settings and spread width

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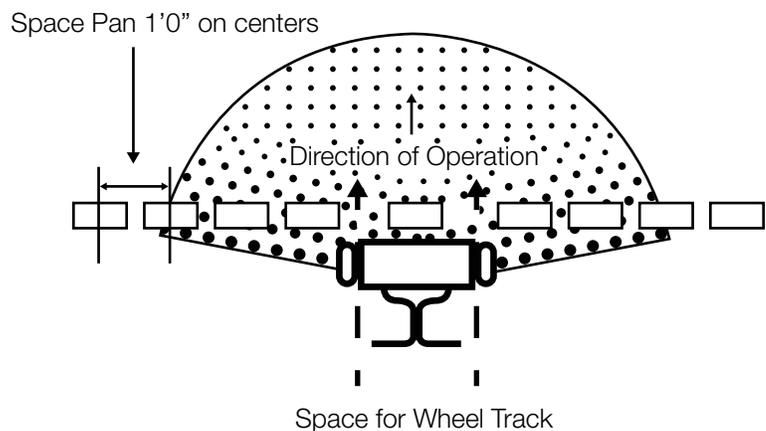
Two major factors should be considered when determining correct spreader settings of any product.

1. The product application rate, or the amount of material applied per 1,000 square feet.
2. The effective pattern width, or the actual width in which material is applied. Spreader settings are a guide and can be affected by numerous factors.

## Effective Pattern Width

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A simple visual pattern test can be made by operating the spreader over a non-turf area and evaluating the pattern. A more accurate method is to place a row of common, disposable, aluminum cake pans approximately 1 foot on centers. Set the rate plate at a middle setting and make 3 or 4 passes in the same direction as shown. Pour the material collected from each pan into individual bottles of the same size. Set them side by side in order, and visually inspect their volume. If the pattern is not centered (example: volume in bottle #2 left not equal to bottle #2 right), adjust the discharge chute up or down as described in "PATTERN ADJUSTMENT" section.



Once the pattern is uniform, the effective pattern width can be determined. The effective pattern width is the distance out from the spreader to a point where the amount of material is 1/2 the average amount in the center pans. This distance is multiplied by 2 to achieve the total effective pattern width.

## Application Rate

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Knowing the effective pattern width (for example, 10 feet), measure a distance equal to 100 square feet (10' x 10' swath width). Determine the product coverage in pounds/100 sq. ft. by taking the weight of the product and dividing it by the recommended square foot coverage (add two zeroes to the weight of the bag).

**EXAMPLE:** Product weight: 25 lbs. - sq. ft. coverage: 5,000 sq. ft.  
 2,500 lbs, - 5,000 sq. ft. = .5 lbs./100 sq. ft.

Weigh out 15 to 20 lbs. of material and spread over the 100 sq. ft. area. Weigh remaining material left in hopper and adjust rate setting as required. Repeat test until application rate is correct.

## Rate Setting Conversion

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The following provides **approximate** BOSS Model #15800 settings for those units listed.

<b>BOSS Setting</b>	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
<b>Prizelawn BF I / CBR IV Setting</b>	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
<b>Prizelawn CBR II Setting</b>	—	2	—	2.5	—	3	3.5	—	4	—	4.5	5	5.5	6	6.5	7	8	9.5	10	11	12	13	14	15	—
<b>Lesco #029600 Setting</b>	—	B	C	D	—	E	F	—	G	H	I	—	J	K	L	—	M	N	O	—	P	Q	R	—	S
<b>Scotts R8A/SR-1 Setting</b>	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	—	V	W	—	X	Y	Z
<b>Earthway 2200/2400 Setting</b>	5	—	—	—	10	—	—	—	—	15	—	—	—	—	20	—	—	—	—	25	—	—	—	—	30
<b>Spyker 76/78-2 Setting</b>	—	3	—	—	—	4	—	—	5	—	—	6	—	—	7	—	—	8	—	—	—	9	—	—	10
<b>Scotts Speedy Green</b>	—	—	—	2	—	—	3	3.5	J	4.5	5	5.5	6	—	6.5	—	7	—	7.5	—	8	—	8.5	—	9

## Rate Setting Conversion

The following provides **approximate** BOSS settings when only the product weight, square foot coverage, and visual inspection of the material is available

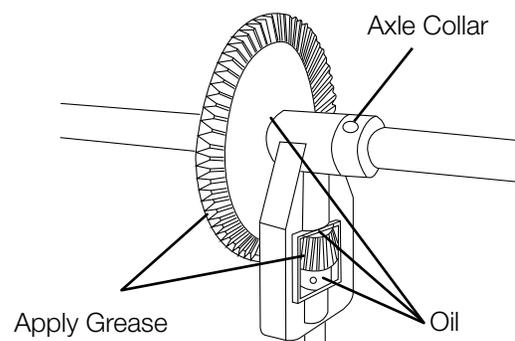
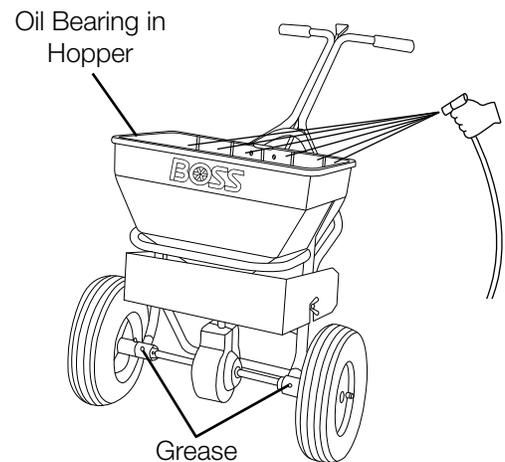
Fertilizer Particle Size	Bag Rate pounds of fertilizer used per 1,000 sq. ft. of coverage	Approx Setting	Spread Width (In Feet)
<b>Large, Heavy Particles</b> 	5	M	8
	10	O	8
	15	Q	8
<b>Medium-Mixed Particles</b> 	5	L	8
	10	N	8
	15	O	8
<b>Small Particles (nitrogen)</b> 	1	G	8
	2	J	8
	3	L	8
<b>Mixed size particles-some fine</b> 	5	M	6
	10	O	6
	15	P	6
<b>Light Weight Particles</b> 	5	J	4
	10	L	To
	15	O	6

The conversions should be used as guidelines for establishing proper rate settings for the particular product being applied. Steps for obtaining the most accurate settings are outlined in the "How to Determine Spreader Settings and Spread Width" section of this manual.

These settings are approximate and may vary due to physical characteristics of the product. Walking speed, wear, condition of the turf and humidity may cause actual rate setting to deviate. No expressed nor implied warranty or guarantee is provided as to coverage or uniformity indicated by these rate settings.

## Maintenance

1. Never store unused material in spreader. Return unused product to its original container.
2. Wash spreader thoroughly after each use and dry completely in sun or heated area.
3. Grease axle bearings in frame. Oil the impeller shaft bearing in hopper, pivot points on the shut-off plate and the spring in the housing behind the rate plate.
4. Remove gear cover and clean gears thoroughly. Oil all bearing areas and face of gear teeth. Lubricate gear teeth as shown. Re-Install gear cover.
5. Gear mesh should be checked on a regular basis during high use periods. Clearance between the axle gear and pinion gear should be minimal but not tight. If adjustment is necessary, loosen axle collar set screw and hold gears together. Slide axle collar against the gear support and tighten axle collar set screw. Spin drive wheel. Gears should run freely and smoothly.
6. Impeller surface should be cleaned periodically to remove build-up of product. Build-up can cause the spread pattern to change.
7. Tire Pressure should be 20-25 PSI.

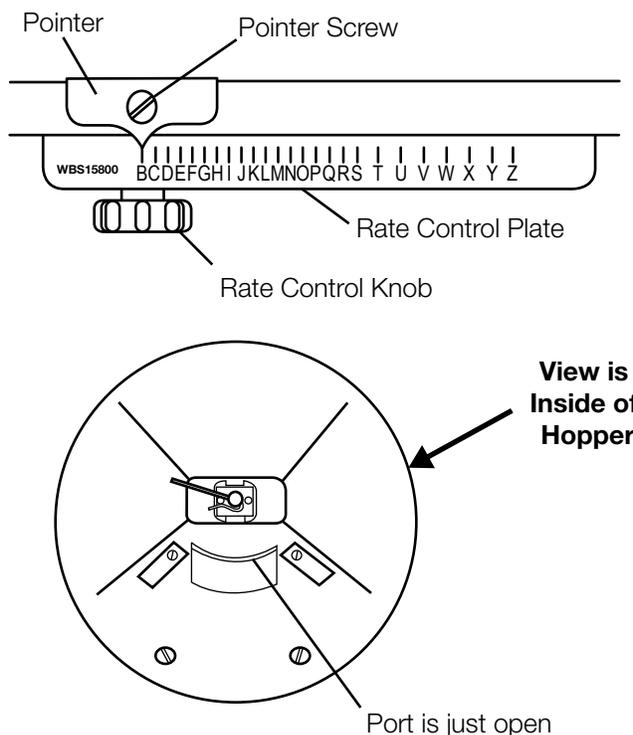


## Calibration Instructions

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The BOSS WBS15800 was factory calibrated, however, calibration should be checked occasionally to assure optimum performance.

1. Pull the on/off lever to the "OFF" position.  
Set the rate control plate to setting "B".
2. Flip on/off control lever to the "ON" position.  
Check the port opening. It should be just open.  
If adjustment is necessary, continue to step 3.
3. Loosen the rate control knob and slide the rate plate until the port is just opening. Loosen pointer screw and move pointer until it aligns with "B" on the rate plate. Retighten pointer screw.



## Warranty

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### BOSS PRODUCTS LIMITED CONSUMER WARRANTY

**What this warranty covers:** This warranty covers defects in material and workmanship except as set forth below. The axle gear, gear support, pinion gear, axle, and axle bearings have a limited lifetime warranty to be free of defects in materials.

**Who is covered:** The original purchaser from an authorized BOSS Products dealer.

**For how long:** 2 years parts and labor from the date of purchase.

**What BOSS Products will do:** BOSS Products will, at its sole option, repair or replace defective parts at no charge.

**What you must do for warranty service:** To obtain warranty service, purchaser must return the defective product to any authorized BOSS Products dealer (preferably the one from whom the product was purchased) within the warranty period. Purchaser must be able to verify the original purchase date. All transportation costs to and from the dealer will be the responsibility of the purchaser. To locate the authorized BOSS dealer nearest to you, call toll free (800) 286-4155. Or use the Dealer Locator at [www.bossplo.com/dealer-locator](http://www.bossplo.com/dealer-locator).

**What is not covered:**

1. Expendable parts such as tires, hand grips, nuts, bolts, etc.
2. Parts repaired or altered by anyone other than an authorized BOSS Products dealer.
3. Parts which have been allowed to corrode, subject to misuse, neglect, accident, improper maintenance, care or storage.

**Limits of BOSS Products Liability are:**

BOSS PRODUCTS LIABILITY IS EXPRESSLY LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE PARTS. BOSS PRODUCTS SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, OR CONTINGENT DAMAGES WHATSOEVER, EVEN IF DAMAGES ARE CAUSED BY THE NEGLIGENCE OR FAULT OF BOSS PRODUCTS. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.