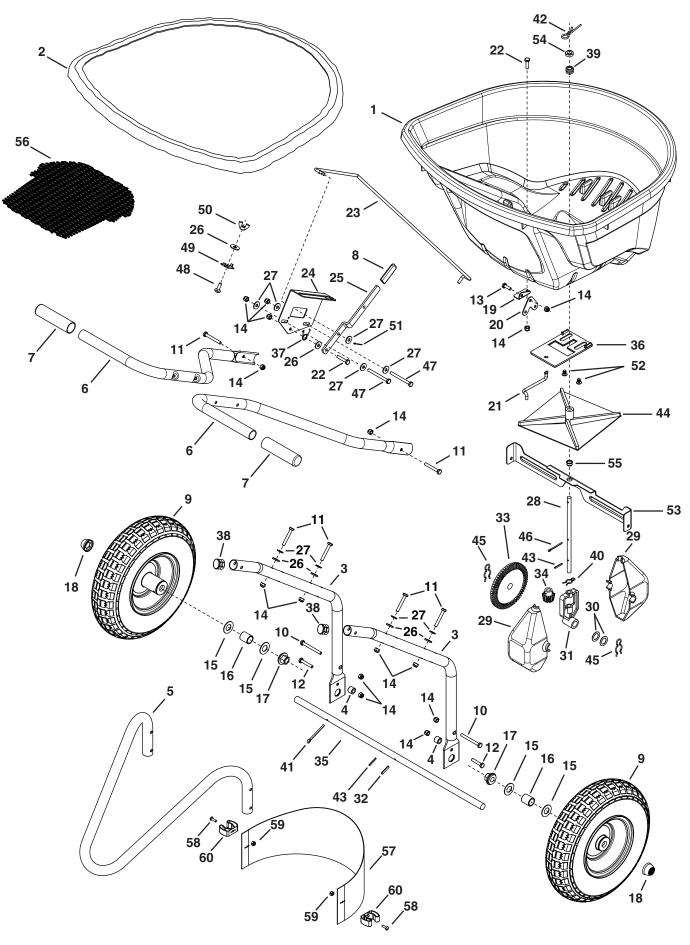


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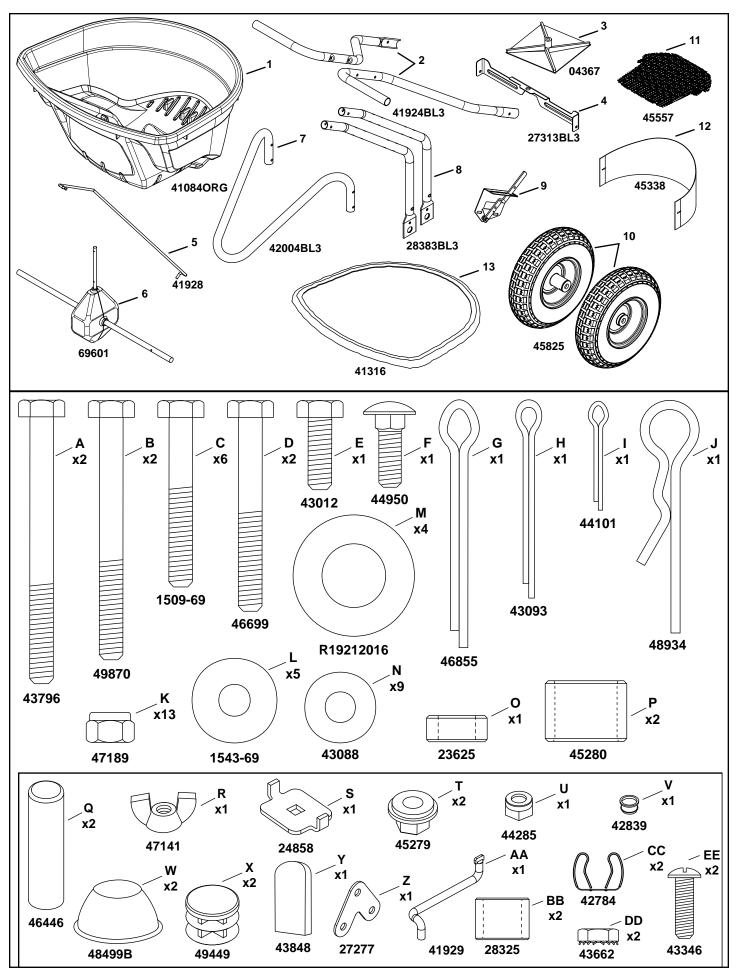
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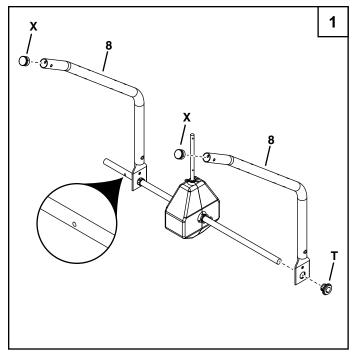
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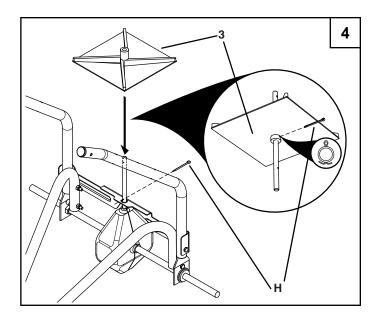


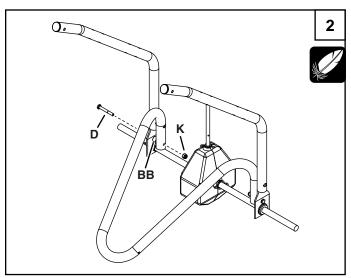
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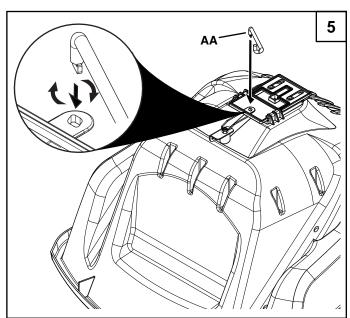
REF	QTY	PART NO	DESCRIPTION	REF	QTY	PART NO	DESCRIPTION
1	1	41084ORG	Hopper	33	1	47209	Gear, Large
2	1	41316	Hopper Cover	34	1	47205	Gear, Small
3	2	28383BL3	Tube, Hopper Support	35	1	45805	Axle
4	2	28325	Spacer	36	1	45344	Plate, Flow
5	1	42004BL3	Tube, Stand	37	1	42347	Spring, Torsion
6	2	41924BL3	Tube, T-Handle	38	2	49449	Plug
7	2	46446	Grip, Handle	39	1	44285	Bushing, Hopper Bottom Black
8	1	43848	Grip, Control Arm	40	1	49898	Clip, Hairpin 5/8
9	2	45825	Wheel	41	1	46855	Pin, Cotter 3/16" x 2"
10	2	49870	Bolt, Hex 1/4-20 x 2-1/2	42	1	48934	Hairpin, Agitator
11	6	1509-69	Bolt, Hex 1/4-20 x 1-3/4	43	2	46055	Pin, Spring 1/8 x 1
12	2	46699	Bolt, Hex 1/4-20 x 2	44	1	04367	Spreader Impeller
13	1	43012	Bolt, Hex 1/4-20 x 3/4	45	2	49897	Clip, Hairpin 7/8
14	15	47189	Nut, Hex 1/4-20 Nylock	46	1	43093	Pin, Cotter 1/8 x 1-1/2
15	4	R19212016	Washer, .6562 x 1.25 x .0598	47	2	43796	Bolt, Hex 1/4-20 x 2-3/4
16	2	45280	Spacer, .64 ID x .88 OD x .625	48	1	44950	Bolt, Carriage 1/4-20 x 3/4
17	2	45279	Bearing, Flange	49	1	24858	Adjustable Stop
18	2	48499B	Hub Cap	50	1	47141	Nut, Nylon Wing 1/4-20
19	1	27276	Bracket, Drive Link Mount	51	1	44101	Pin, Cotter 3/32 x 3/4
20	1	27277	Bracket, Drive Link	52	2	48402	Plug, 1/4" (Christmas Tree)
21	1	41929	Rod, Drive Link	53	1	27313BL3	Cross Brace
22	2	43661	Bolt, Hex 1/4-20 x 1	54	1	23625	Spacer
23	1	41928	Rod, Flow Control	55	1	42839	Bushing, 3/8" Plastic
24	1	27322BL1	Bracket, Flow Control	56	1	45557	Hopper Grate
25	1	24856BL1	Arm, Flow Control	57	1	45338	Salt Deflector
26	6	1543-69	Washer, Nylon .3281 x .75	58	2	43346	Bolt, Slot 10-32 x 5/8"
27	9	43088	Washer, 1/4 Std .312 x .734	59	2	43662	SEMS Nut, 10-32
28	1	45804	Shaft, Spreader	60	2	42784	Plastic Coated Clip
29	2	47212	Housing, Large Gear		1	69601	Transmission Assembly - not shown
30	2	44125	Washer, .625 x 1.0 x .03				(includes 28, 29, 30, 31, 32, 33, 34,
31	1	47204	Yoke, Large	Ī			35, 40, 43, & 45)
32	1	43659	Pin, Spring 3/16 x 1		1	45860	Owner's Manual

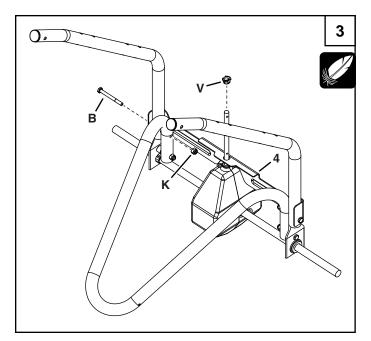


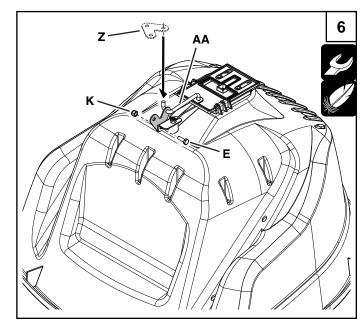


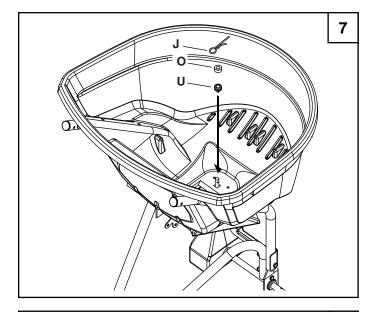


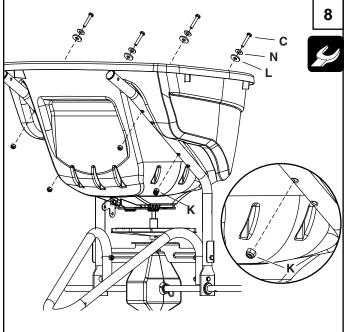


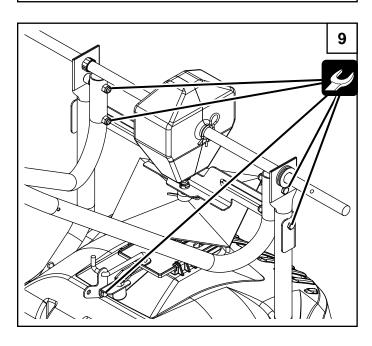


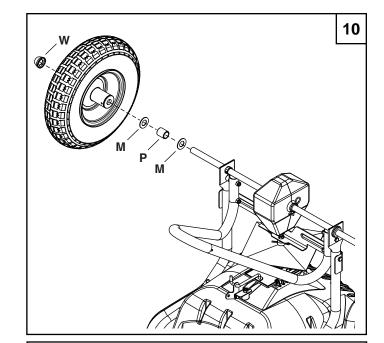


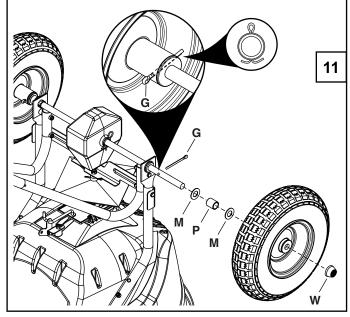


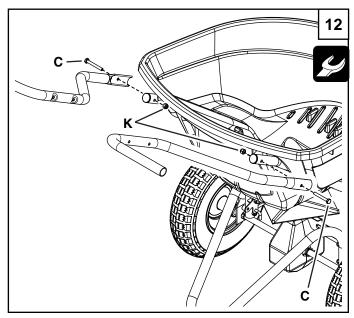


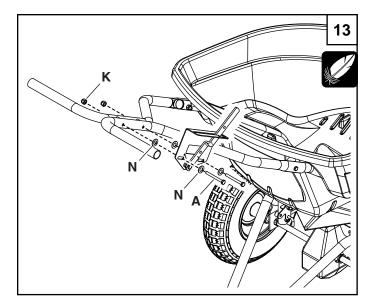


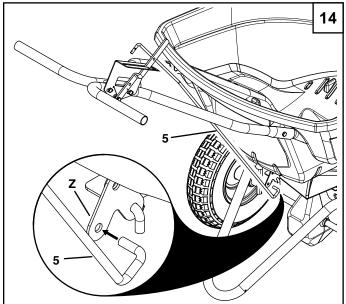


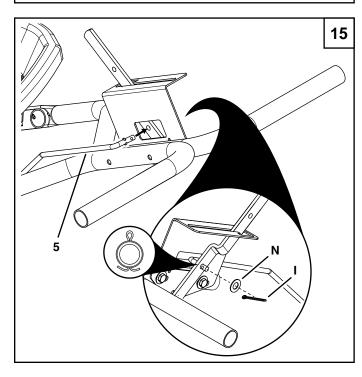


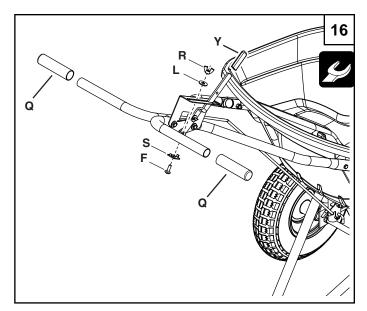


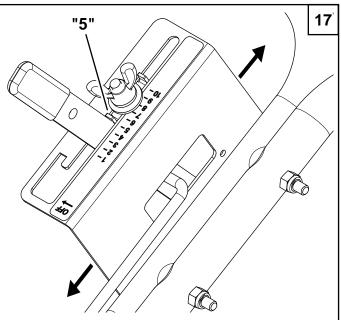








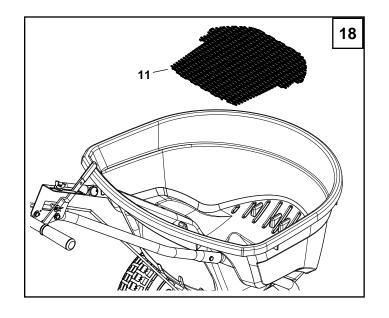


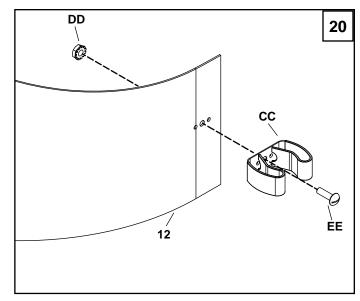


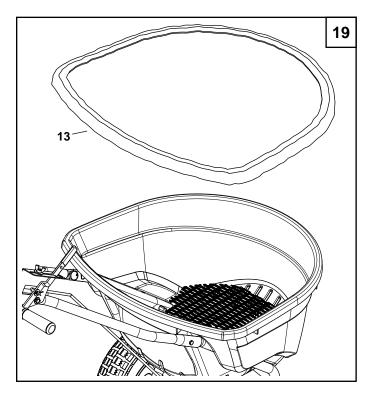
ENGLISH

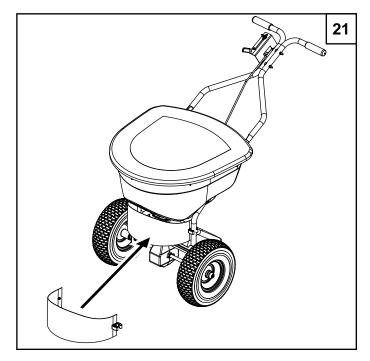
Calibrate the flow control setting. (See figure 17)

- Move the control lever to the "OFF" position.
- Slide the control bracket along the control tube until the shut-off plate in the bottom of the hopper is closed.
- Lightly tighten the hex nuts that fasten the flow control bracket to the control tube.
- Set the adjustable stop at "5". Pull the control lever against the stop and verify that the shut-off plate has opened about half way.
- If the shut-off plate does not open half way, adjust the
 position of the control bracket until the shut-off plate opens
 about half way and closes completely.
- Tighten the hex nuts.









ENGLISH

SAFETY INFORMATION

- Read the information on the chemical package for instructions and cautions on handling and applying.
- 2. Wear eye and hand protection when handling and when applying lawn or garden chemicals.
- 3. Never allow children to operate the vehicle or spreader.

ASSEMBLY

The meanings of symbols used in the illustrations are as follows:



Do not tighten yet.



Tighten now.

OPERATION

Do not use powdered lawn chemicals. They do not give a satisfactory or consistent broadcast pattern.

- 1. Estimate the size of the area to be covered and calculate the amount of material required.
- Set the adjustable stop according to the flow setting recommended in the application chart on this page. Also refer to the instructions on the packaging for the material to be spread.
- 3. Make sure the control lever is in the "OFF" position.
- 4. Fill the hopper, breaking up any lumpy fertilizer.
- Start the spreader in motion and then pull the control lever forward against the adjustable stop to the "ON" position.
- Always move the control lever to the "OFF" position before turning or stopping.
- To ensure uniform coverage, make each pass so that the broadcast pattern slightly overlaps the pattern from the previous pass. The approximate broadcast widths for different materials are shown in the application chart on this page.
- 8. For rectangular areas, make two passes across the short ends to create turning areas. For non-rectangular areas, make two passes around the entire border.

APPLICATION CHART

TYPE MATERIAL	FLOW SETTING	SPREAD WIDTH
FERTILIZER		
Granular	3 - 5	2,4 m - 3 m
Pelleted	3 - 5	3 m - 3,6 m
GRASS SEED		
Fine	3 - 4	1,8 m - 2,1 m
Coarse	4 - 5	2,4 m - 2,7 m
ICE MELTER	6 - 8	3 m - 3,6 m

TYPE MATERIAL	FLOW SETTING	SPREAD WIDTH
FERTILIZER		
Granular	3 - 5	8' - 10'
Pelleted	3 - 5	10' - 12'
GRASS SEED		
Fine	3 - 4	6' - 7'
Coarse	4 - 5	8' - 9'
ICE MELTER	6 - 8	10' - 12'

When broadcasting weed control fertilizers, make sure the broadcast pattern does not hit evergreen trees, flowers or shrubs.

STORING

- 1. Empty the spreader after each use, storing left over material in its original bag.
- 2. Rinse the inside of the hopper and the exterior of the spreader and dry off before storing.
- 3. Store in a clean, dry area.

SERVICE AND ADJUSTMENTS

 If you replace the gears, be sure to reassemble the axle, gears and washers in their original positions. Add grease to the gears.

MAINTENANCE

- Before each use make a thorough visual check of the spreader for any bolts and nuts which may have loosened. Retighten any loose bolts and nuts.
- Make sure the tires are adequately inflated. Do not inflate beyond the maximum pressure printed on the tire.

LUBRICATE (See figure below)

- Remove the three clips from the gear box. Separate the gearbox housings.
- 2. Wipe any dirt or grime from the gears.
- Lightly apply automotive grease as needed to gears.
- Lightly oil the top of the gear box and the vertical spreader shaft.
- 5. Re-assemble the gearbox housings and secure them with the clips
- Oil the (idler) wheel and the axle bushings at least once a year or more often as needed.

