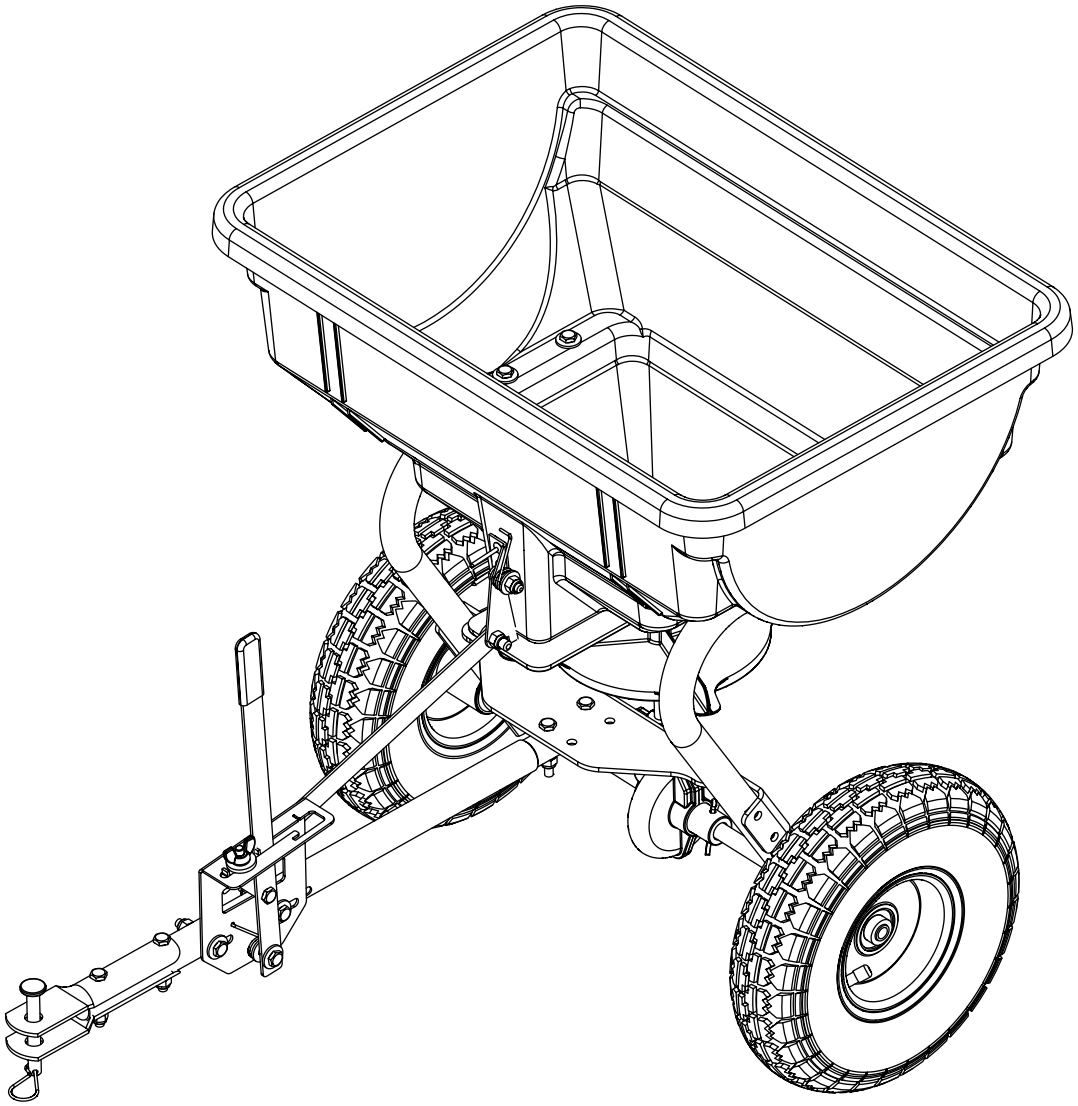
GROUNDWORK®

SKU # 1600537

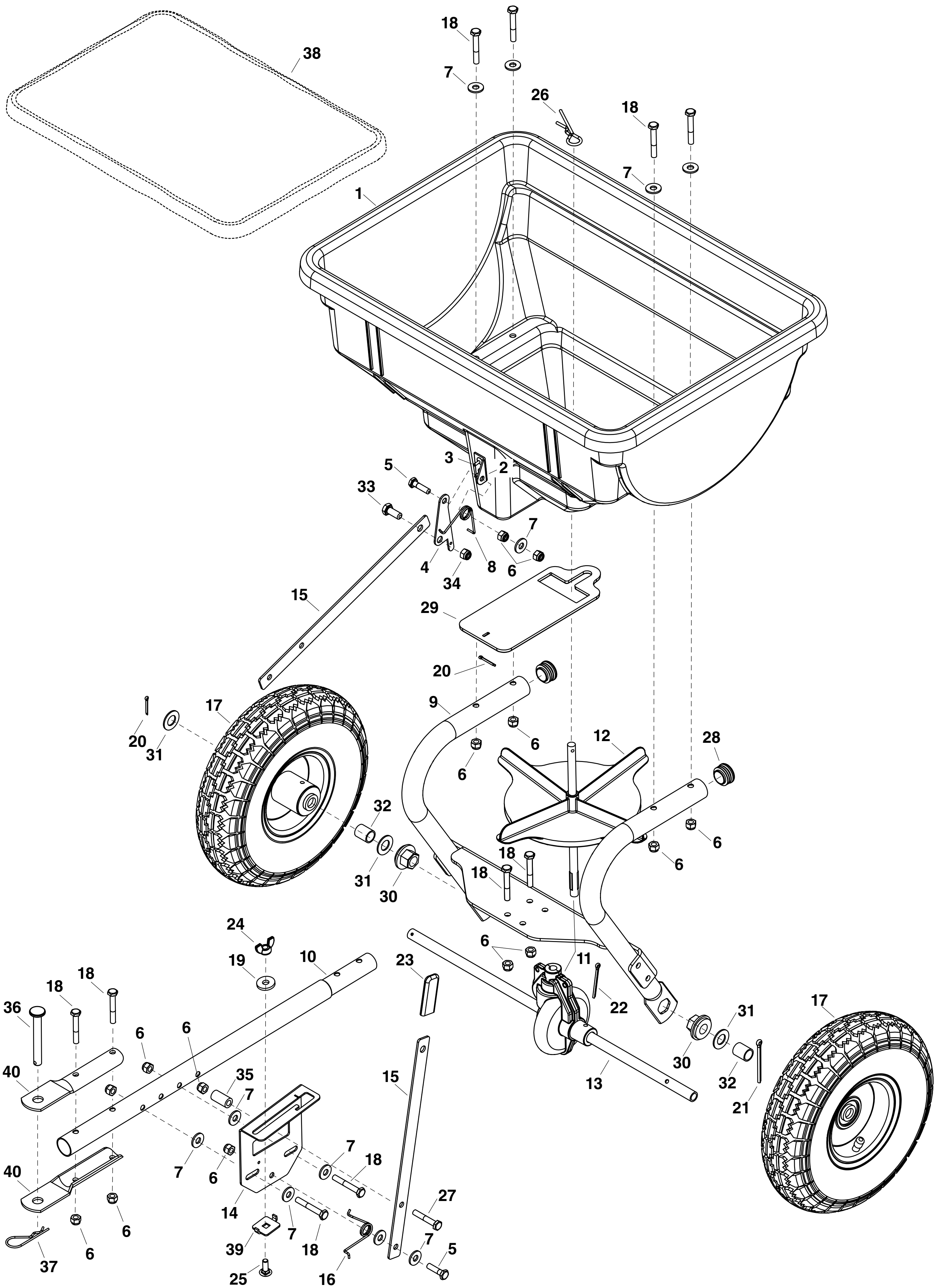
MODEL # 45-05561-131



85 LB. Tow Spreader

Distributed by:
TRACTOR SUPPLY COMPANY
5401 VIRGINIA WAY, BRENTWOOD, TN 37027
For customer support, call: 1-888-376-9601
www.tractorsupply.com

FORM NO. 3-344 (03/25/2026)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REF	QTY	PART NO	DESCRIPTION	REF	QTY	PART NO	DESCRIPTION
1	1	45433	HOPPER, 85# BROADCAST	22	1	43093	PIN, COTTER 1/8 X 1-1/2
2	1	23753	BRACKET, GATE SLIDE ANGLE	23	1	43848	GRIP, CONTROL ARM
3	2	C-9M5732	RIVET, POP 3/16	24	1	47141	NUT, WING 1/4-20 NYLON
4	1	2-118	BRACKET, SLIDE GATE	25	1	44950	BOLT, CARRIAGE .25-20 X .75
5	2	43661	BOLT, HEX .25-20 X 1	26	1	48934	HAIRPIN, AGITATOR
6	14	47189	NUT, HEX 1/4-20 NYLOC	27	1	43648	BOLT, HEX 1/4-20 X 1-1/2
7	10	43088	WASHER, .312 X .734 X .065	28	2	49449	PLUG, 1"OD TUBE
8	1	44566	SPRING, TORSION	29	1	45428	FLOW PLATE (ROD CONTROL)
9	1	6-1057GY1	ASS'Y, FRAME	30	2	47963	BEARING, HEX FLANGE .50 ID
10	1	2-110GY1	TUBE, HITCH	31	3	R19171616	WASHER, .531 X 1 X .059
11	1	69209	ASS'Y, GEARBOX	32	2	45705	SPACER, PLASTIC EXTRUSION
12	1	45504	IMPELLER	33	1	43182	BOLT, HEX 5/16-18 X 3/4
13	1	28611	AXLE, 1/2" OD HOLLOW	34	1	47810	NUT, HEX .312-18 NYLOC
14	1	28712BL1	FLOW CONTROL MOUNT	35	1	46053	SPACER, .280ID X .500OD X .95
15	2	28711BL1	ARM, FLOW CONTROL	36	1	47623	PIN, HITCH 3/8 X 3
16	1	42347	SPRING, TORSION	37	1	43343	PIN, HAIR COTTER 3/32
17	2	45702G	WHEEL & TIRE ASSEMBLY	38	1	40883	COVER, HOPPER
18	10	1509-69	BOLT, HEX 1/4-20 X 1-3/4	39	1	24858	STOP, FLOW CONTROL
19	1	1543-69	WASHER, NYLON	40	2	24446BL1	BRACKET, HITCH
20	2	44101	PIN, COTTER 3/32 X 3/4	41	1	3-344	OWNERS MANUAL
21	1	47063	PIN, COTTER 5/32 X 2.0				

Look for this symbol to point out important safety precautions. It means — **ATTENTION!** Become alert! Your safety is involved.

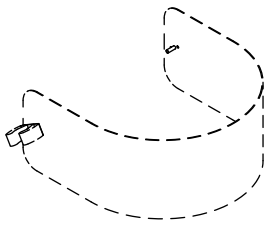
CAUTION: vehicle braking and stability may be affected with the addition of an accessory or an attachment. Be aware of changing conditions on slopes.

SAFETY RULES

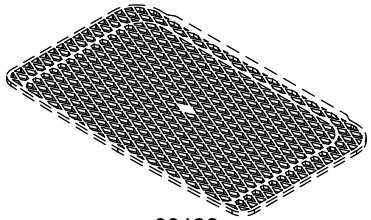
Remember, any power equipment can cause injury if operated improperly or if the user does not understand how to operate the equipment. Exercise caution at all times when using power equipment.

- Read the towing vehicle owners manual and towing vehicle safety rules. Know how to operate your tractor before using the broadcast spreader attachment.
- Read the chemical label instructions and cautions for handling and applying the chemicals purchased for spreading.
- Wear eye and hand protection when handling and when applying lawn or garden chemicals.
- Never operate tractor and spreader attachment without wearing substantial footwear, and do not allow anyone to ride or sit on spreader attachment frame.
- Never allow children to operate the tractor or spreader attachment, and do not allow adults to operate without proper instructions.
- Always begin with the transmission in first (low) gear and with the engine at low speed, and gradually increase speed as conditions permit.
- When towing broadcast spreader do not drive too close to a creek or ditch and be alert for holes and other hazards which could cause you to lose control of the broadcast spreader and tractor.
- Before operating vehicle on any grade (hill) refer to the safety rules in the vehicle owner's manual concerning safe operation on slopes. Stay off steep slopes!
- Follow maintenance and lubrication instructions as outlined in this manual.

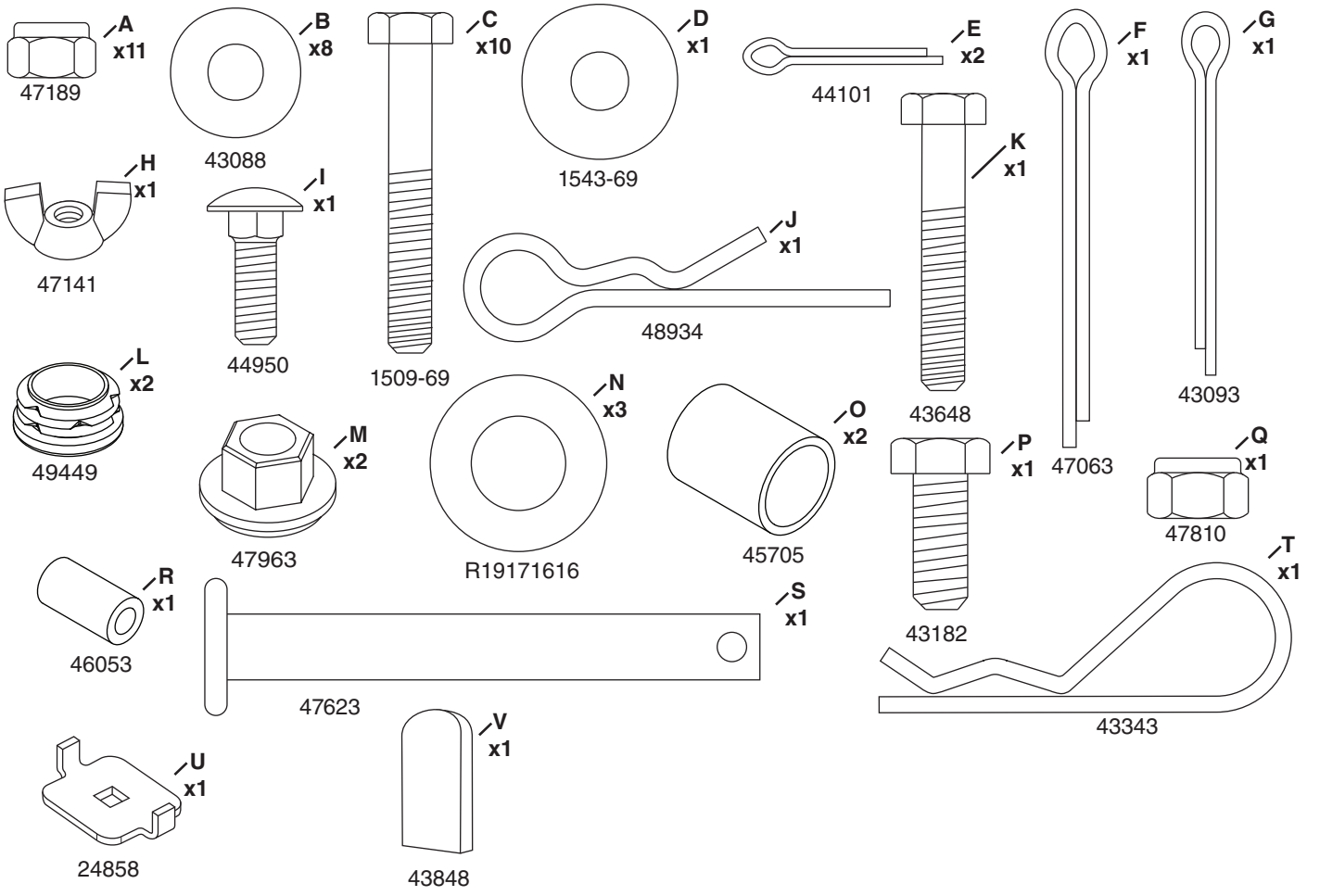
OPTIONAL ACCESSORIES



69115
Deflector Kit



69128
Plastic Grate


A x11
47189
B x8
43088
C x10
1509-69
D x1
1543-69
E x2
44101
F x1
47063
G x1
43093
H x1
47141
I x1
44950
J x1
48934
K x1
43648
L x2
49449
M x2
47963
N x3
R19171616
O x2
45705
P x1
43182
Q x1
47810
R x1
46053
S x1
47623
T x1
43343
U x1
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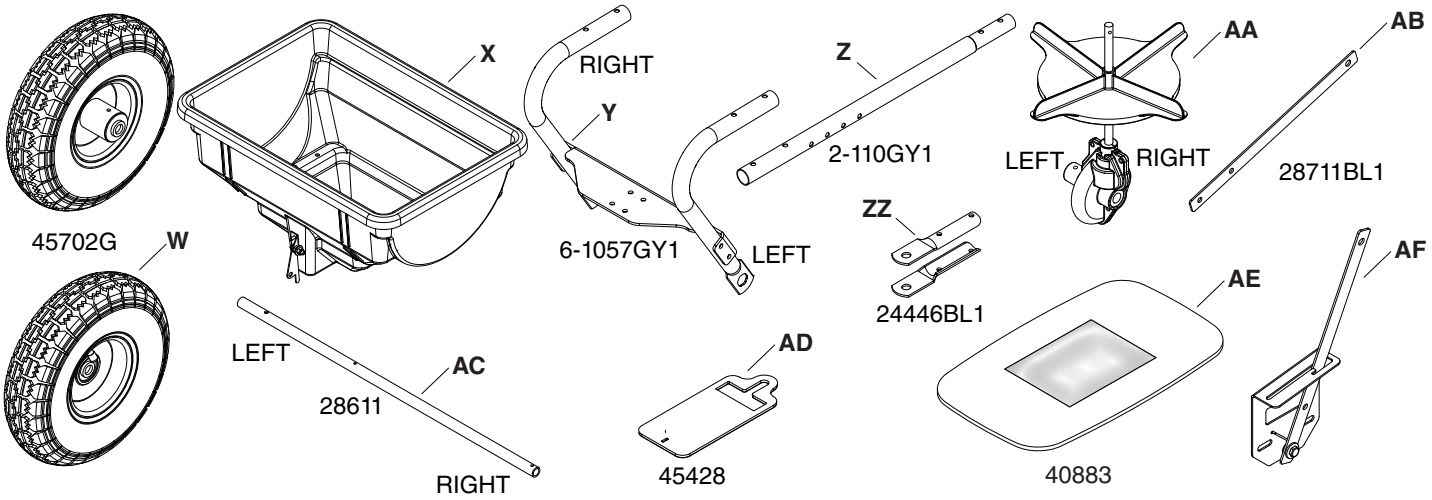
V x1
43848


45702G
W
X
RIGHT
Y
6-1057GY1
LEFT
Z
2-110GY1
AA
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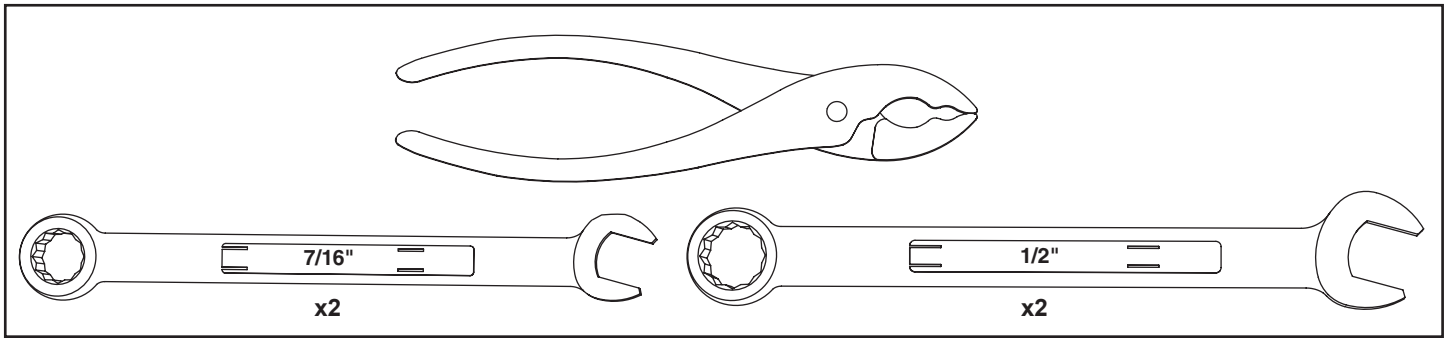
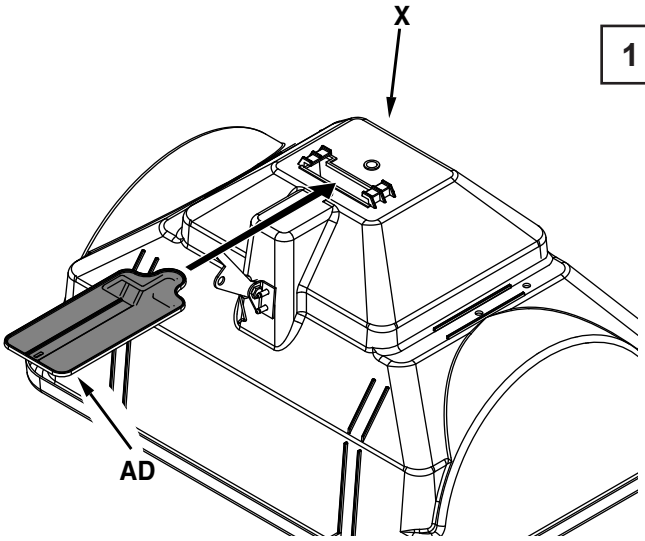
RIGHT
AB
28711BL1
ZZ
24446BL1
AE
40883
AF
LEFT
AC
28611
RIGHT
AD
45428


7/16"
x2
1/2"
x2

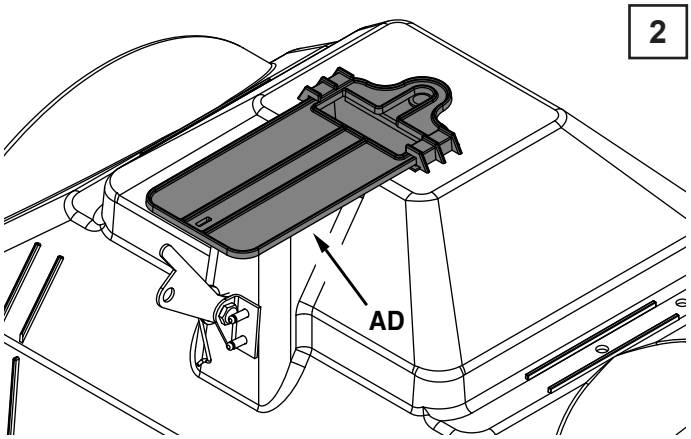
Slide the flow plate (AD) into the slots on the bottom of the hopper assembly (X). See figure 1.

1



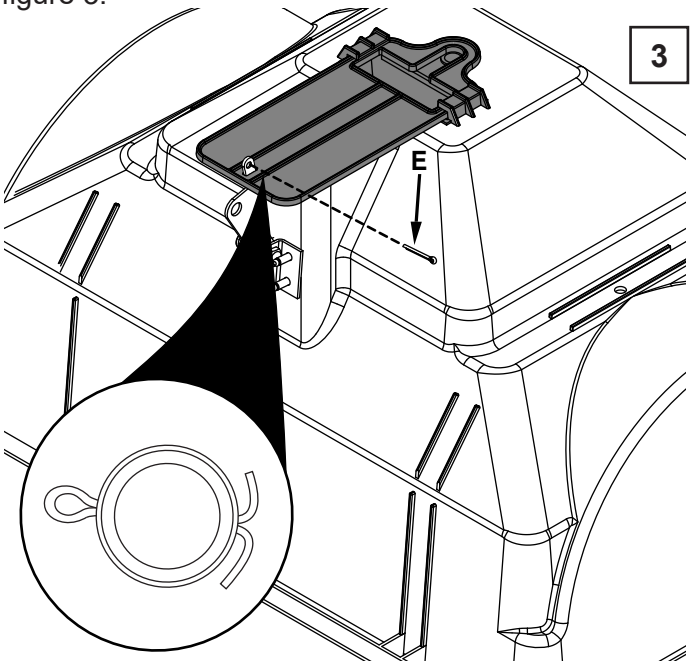
Align the slide gate bracket with the hole in the flow plate (AD). See figure 2.

2



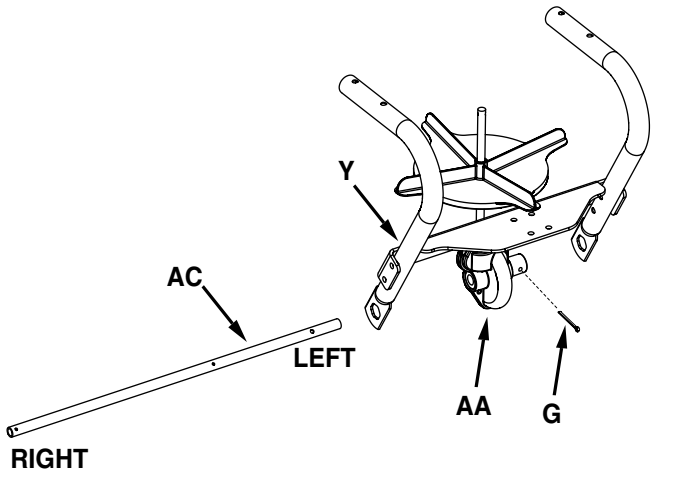
Secure the flow plate to the slide gate bracket using a cotter pin (E) by bending the ends. See figure 3.

3



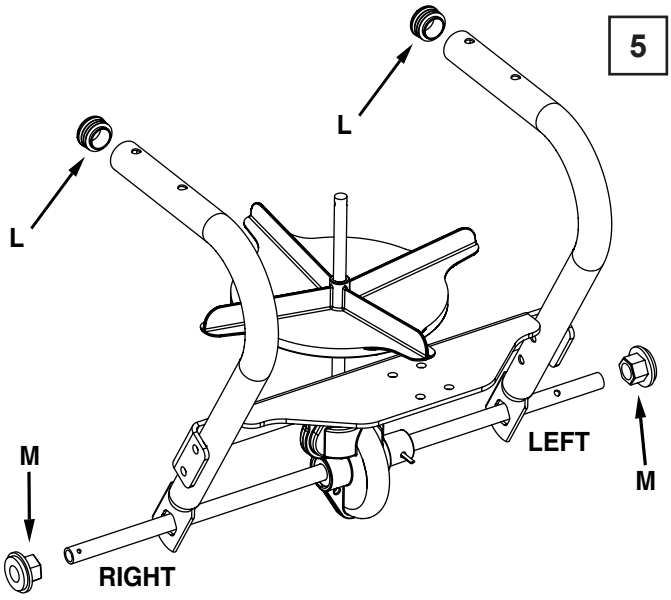
Align the frame assembly (Y) and impeller assembly (AA) and insert the axle (AC) as shown below. Secure the axle through the axle and impeller assembly with a cotter pin (G) by bending the ends. See figure 4.

4

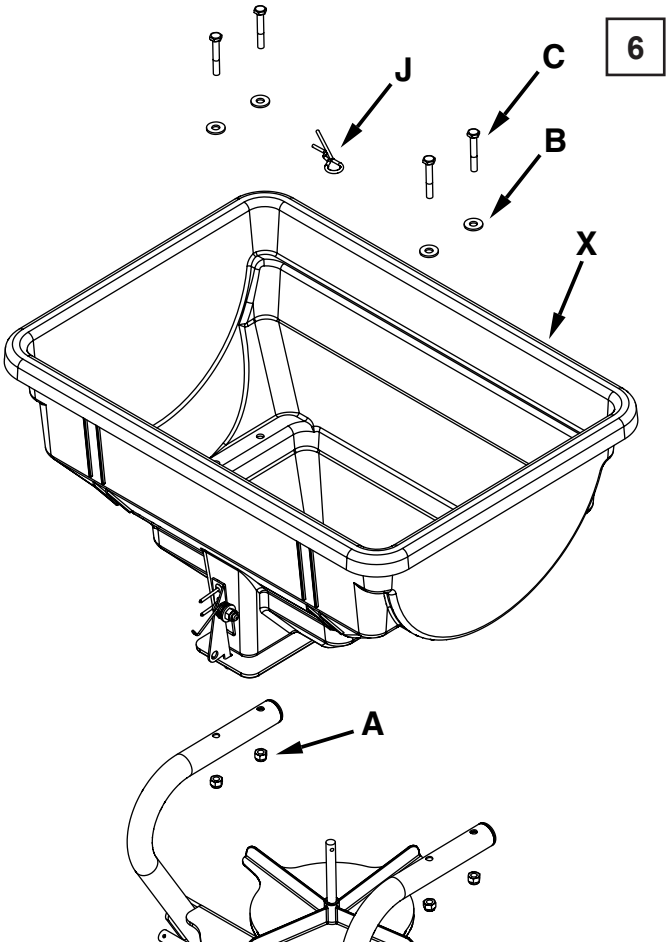


Insert tube plugs (L) and hex flange bearings (M) See figure 5.

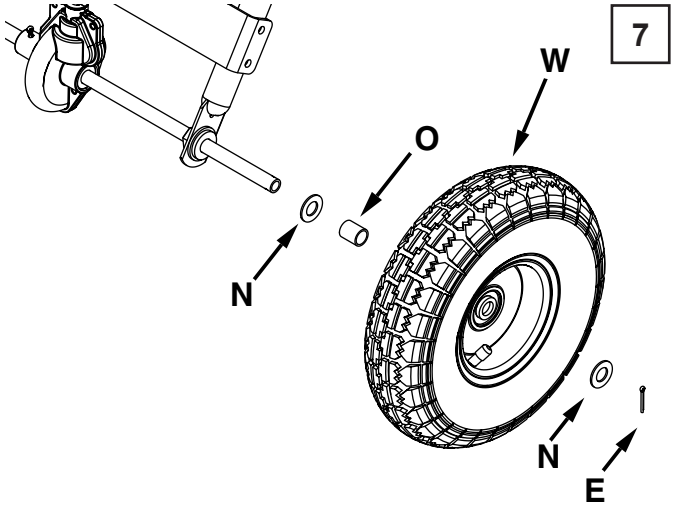
5



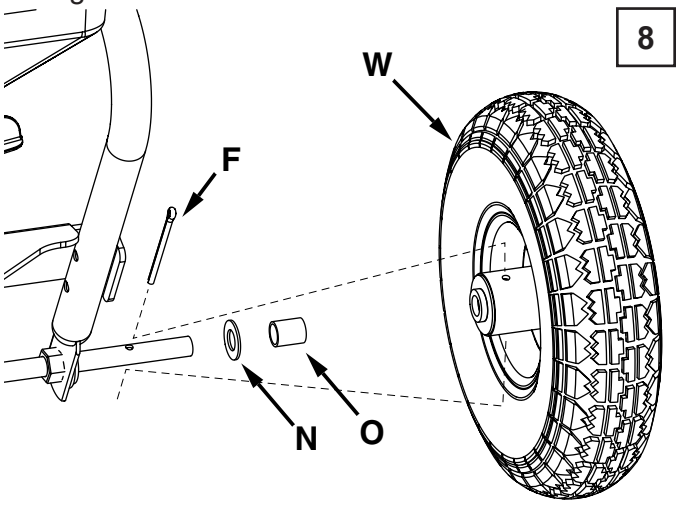
Attach the hopper assembly (X) to the frame and impeller using a 1/4 x 1-3/4" hex bolt (C), a washer (B), and a 1/4" nylock nut (A). Slide the impeller shaft through the bottom of the flow plate and hopper and secure with the hairpin agitator (J). Tighten. See figure 6.



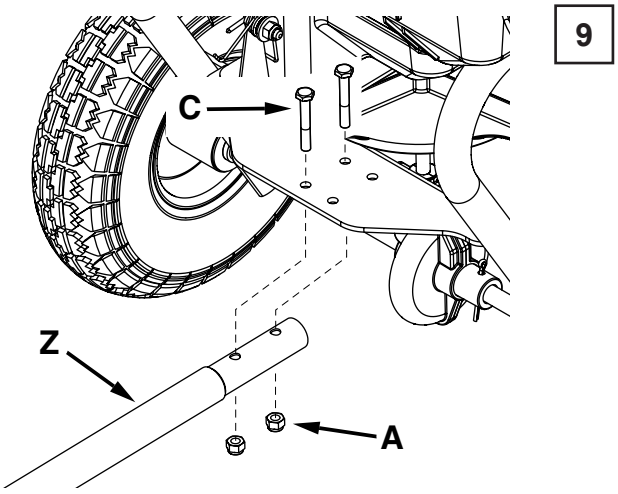
Attach a wheel to the right side of the axle by sliding a washer (N) onto the axle, followed by a spacer (O), a wheel (W), and another washer (N). Secure the wheel to the axle using a cotter pin (E) Bend the ends of the cotter pin to secure it. See figure 7.



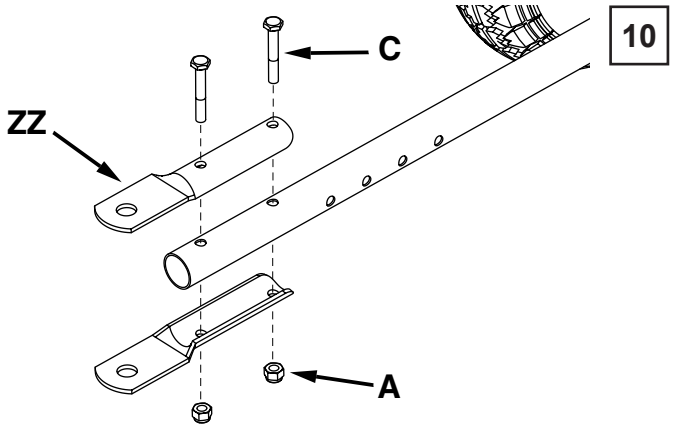
Attach a wheel to the left side by sliding on a washer (N), a spacer (O), and a wheel (W). Secure the wheel using a cotter pin (F) through the wheel and axle. Bend the ends of the cotter pin to secure it. See figure 8.



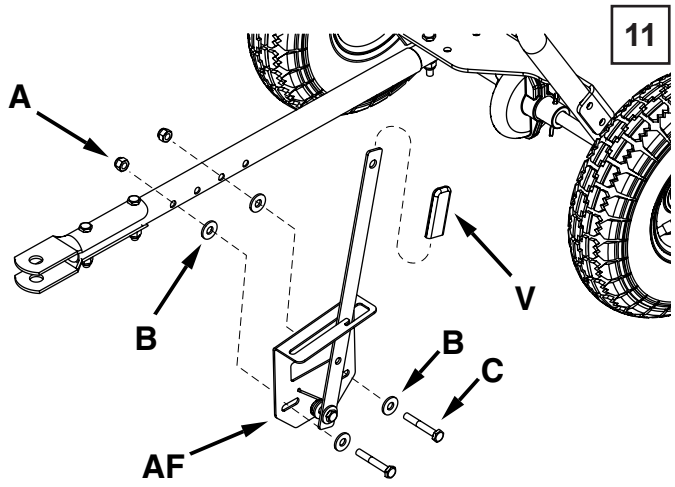
Attach the hitch tube (Z) to the frame using two 1/4 x1-3/4" hex bolts (C) and 1/4" nylock nuts (A). Tighten. See figure 9.



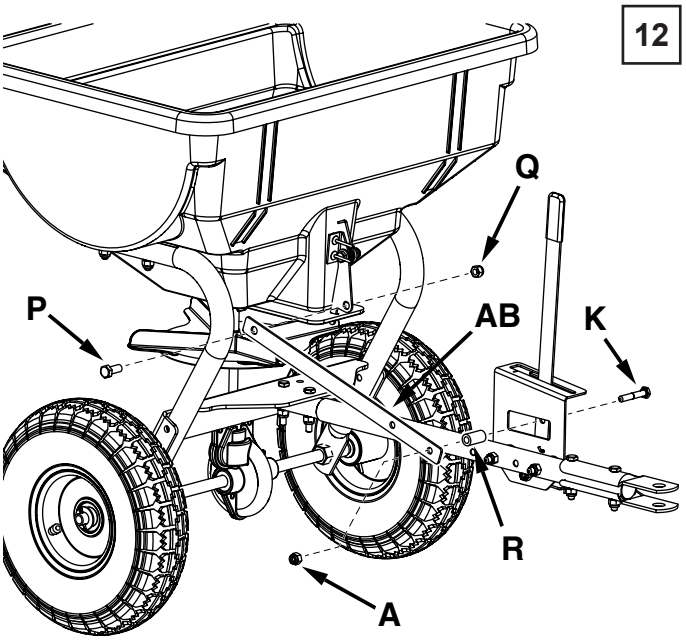
Attach the hitch brackets (ZZ) to the hitch tube (Z) using two 1/4 x1-3/4" hex bolts (C) and 1/4" nylock nuts (A). Tighten. See figure 10.



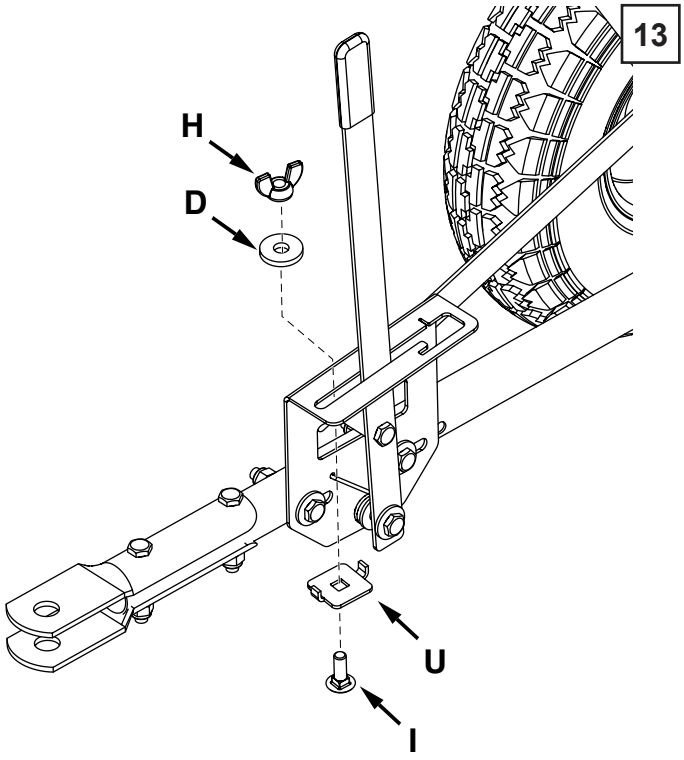
Attach the flow control assembly (AF) to the hitch tube using two 1/4 X 1-3/4" bolts (C), washers (B), two more washers (B) and secure with two 1/4" nuts (A). Do not tighten until figure 15. Slide the grip (V) onto the flow control arm. See figure 11.



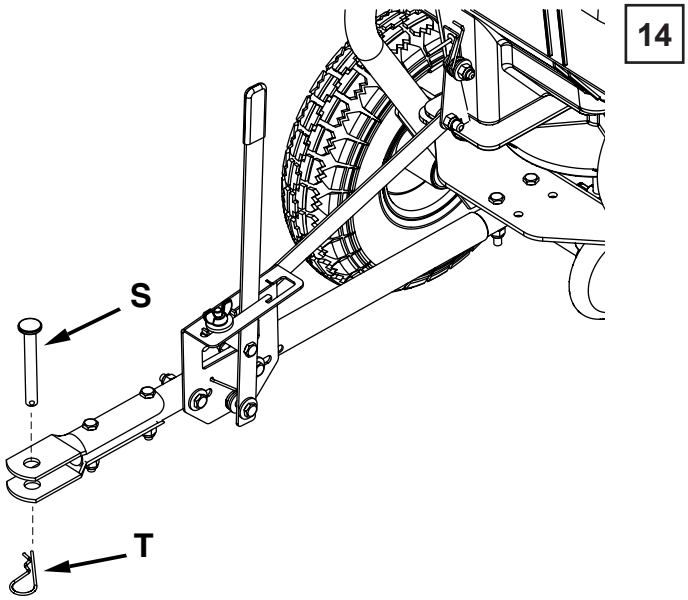
Attach the flow control arm (AB) to the flow control assembly using a 1/4 x 1-1/2" hex bolt, a spacer (R), and secure with a 1/4" nylock nut (A). Attach the other end of the flow control arm to the slide gate bracket using a 5/16 x 3/4" hex bolt (P) and a 5/16" nylock nut (Q). Tighten then loosen half a turn. See figure 12.

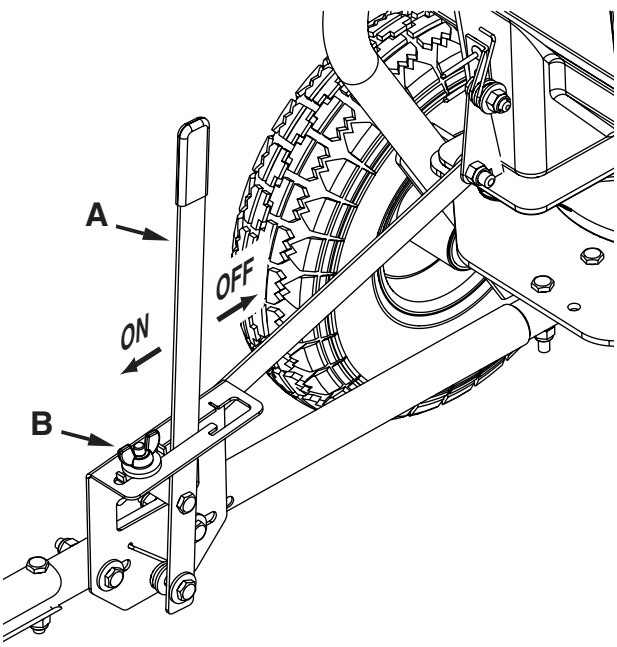


Install the adjustable stop using a carriage bolt (I) through the adjustable stop (U) and secure on the top of the flow control bracket with a nylon washer (D) and wingnut (H). See figure 13.



Secure the hitch pin (S) with the hairpin cotter (T). See figure 14.





Calibrate the flow control setting.

- Move the control lever (A) 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 (B) halfway. Pull the control lever (A) against the stop (B) 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.
- For more information scan QR code:

APPLICATION CHART

TYPE MATERIAL	FLOW SETTING	SPREAD WIDTH
FERTILIZER		
Granular	1 - 2	8' - 10'
Pelleted	3 - 4	10' - 12'
GRASS SEED		
Fine	1 -2	6' - 7'
Coarse	3 - 4	8' - 9'

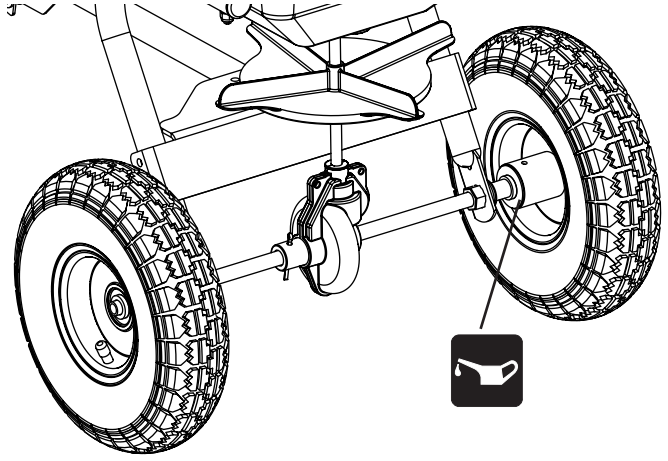
OPERATION

Do not use powdered lawn chemicals. They do not give a satisfactory or consistent broadcast pattern. Ice Melt is not recommended for use in this spreader.

1. Estimate the size of the area to be covered and calculate the amount of material required.
2. 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. The application chart is calculated for light to heavy coverage at a vehicle speed of 3 mph, or 100 ft. in 23 seconds.
4. Make sure the control lever is in the "OFF" position.
5. Fill the hopper, breaking up any lumpy fertilizer.
6. Start the spreader in motion and then pull the control lever forward against the adjustable stop to the "ON" position.
7. Always move the control lever to the "OFF" position before turning or stopping.
8. 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.
9. 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.
10. When broadcasting weed control fertilizers, make sure the broadcast pattern does not hit evergreen trees, flowers or shrubs.

WARNING: Over-inflated tires can explode, causing serious injury. To avoid injury, NEVER inflate tires beyond the maximum pressure printed on the sidewall of the tire. ALWAYS use a hand pump to safely inflate tires.

MAINTENANCE



OIL ANNUALLY