



Quick Start Guide

45-05751-JD All- Season Spreader

Read the manual that came with your Tow Spreader for:

- Important safety warnings
- Further explanation of features
- Operating instructions and flow control adjustments

Problem?
Call 1-800-448-9282



Quick Start Guide

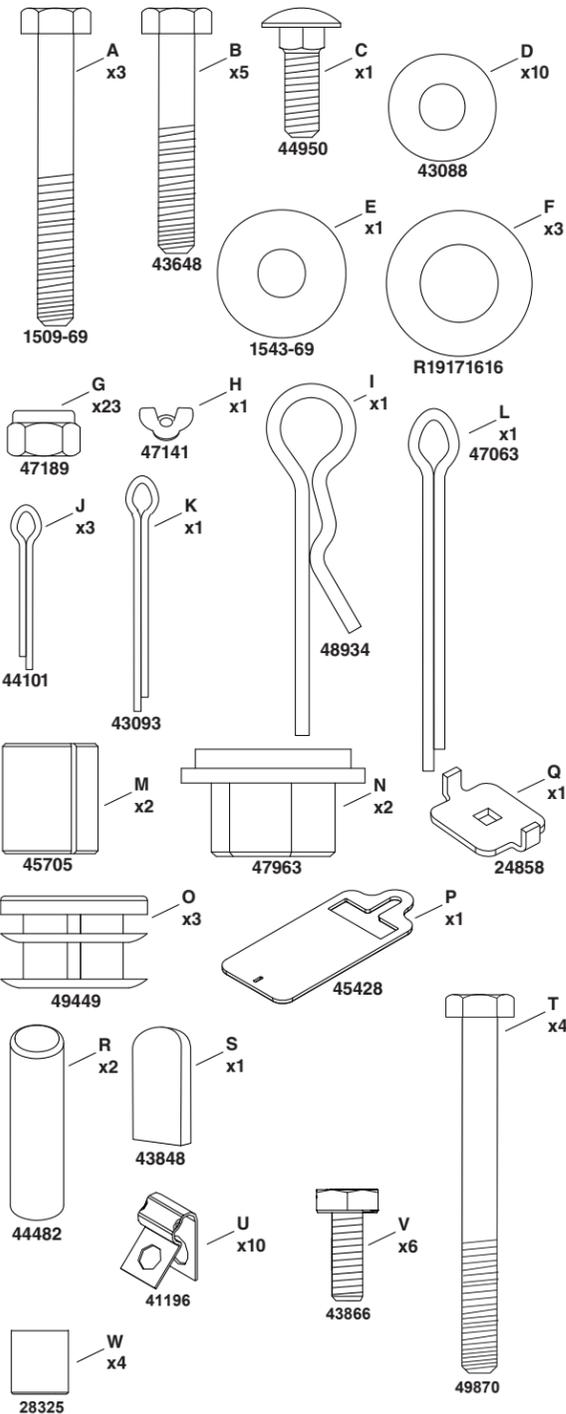
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HARDWARE PACKAGE



DESCRIPTION	QTY
Hex Bolt 1/4-20 X 1-3/4 (A)	3
Hex Bolt, 1/4" - 20 x 1-1/2" (B)	5
Carriage Bolt, 1/4"-20 x 3/4" (C)	1
Washer, 5/16" (D)	10
Nylon Washer (E)	1
Washer, 17/32" (F)	3
Nyloc Hex Nut, 1/4"-20 (G) (5 Each Extra)	23
Nylon Wing Nut (H)	1
Agitator Hairpin (I)	1
Cotter Pin, 3/32" x 3/4" (J)	3

DESCRIPTION	QTY
Cotter Pin, 1/8" x 1-1/2" (K)	1
Cotter Pin, 5/32" x 2" (L)	1
Plastic Spacer (M)	2
Hex Flange Bearing 1/2" ID (N)	2
Plug 1" (O)	3
Flow Plate (P)	1
Adjustable Stop (Q)	1
Handle Grip (R)	2
Control Arm Grip (S)	1
Hex Bolt, 1/4" - 20 x 2-1/2" (T)	4
Clamp 7/32" Bare (U)	10
Hex Bolt, 1/4"-20 x 5/8" (V)	6
Spacer 5/16"ID x 37/64" OD x 13/32"LG (W)	4

TOOLS REQUIRED FOR ASSEMBLY

- (1) Pliers
- (2) 7/16" Wrenches

STEP 1: (SEE FIGURE 1)

- Assemble the flow plate (P) to the hopper assembly (6) as shown below.

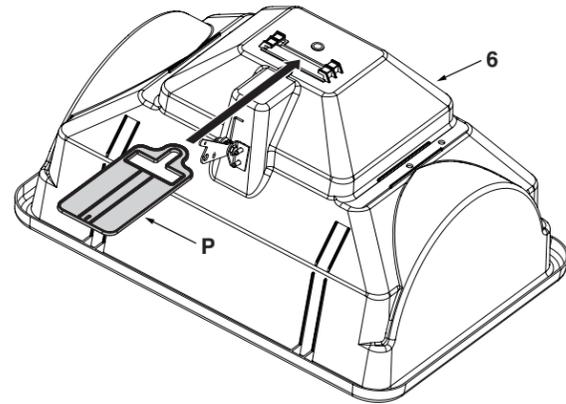


Figure 1

STEP 2: (SEE FIGURE 2)

- Position the flow plate (P) and slide gate bracket as shown below.



Figure 2

STEP 3: (SEE FIGURE 3)

- Insert the tab on the slide gate bracket into the notch in the flow plate (P). Secure with a 3/4" cotter pin (J) by bending the ends out.

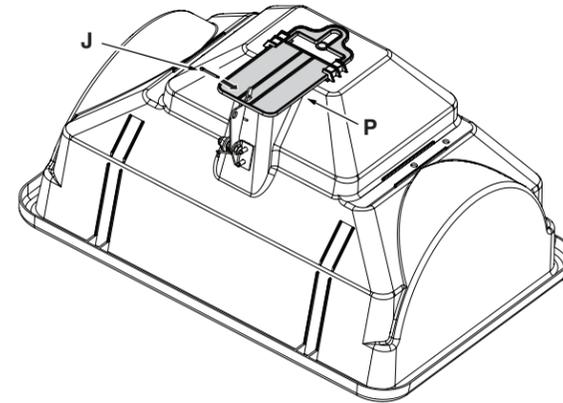


Figure 3

STEP 4: (SEE FIGURE 4)

- NOTE: Make sure to insert the axle as shown below. The right side has a hole at the very end, and the left side has a hole further away from the end. Attach the gearbox (10) to the axle (9) by inserting the axle through the frame (5) and gearbox and through the other side of the frame. Secure with a 1-1/2" cotter pin (K) by bending the ends out.

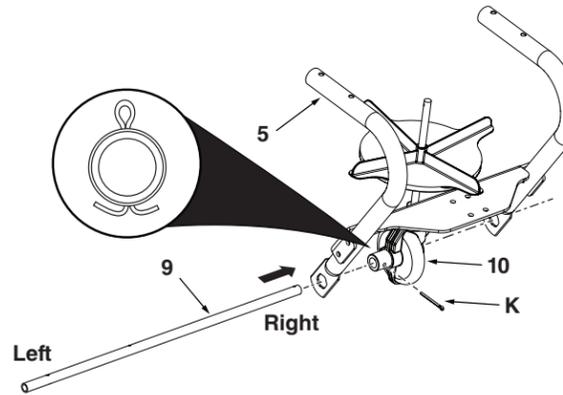


Figure 4

STEP 5: (SEE FIGURE 5)

- Install two plugs (O) into the frame and slide the flange bearings (N) onto the axle and secure in the frame.

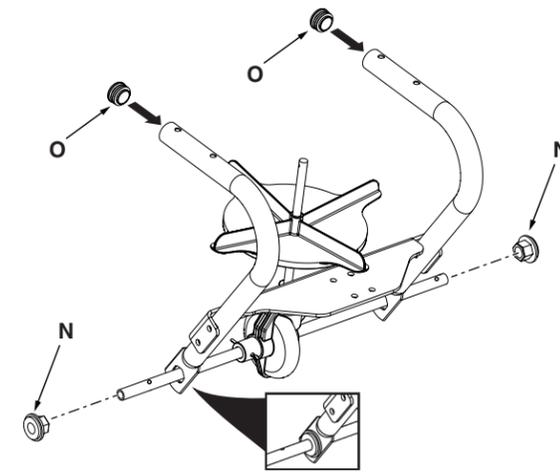


Figure 5

STEP 6: (SEE FIGURE 6)

- Install two 7/32" Bare Clamps (U) onto each side of the deflector frame (12). Pinch all six of the clamps (U) together making sure the holes are lining up. Install two 1/4" x 5/8" Bolts (V) through a side deflector (14) and two clamps (U). (Note: The rounded end of the side deflectors face towards the open end of the deflector frame (12)). Secure with two 1/4" nylock nuts (G). Repeat for other side deflector (14) and front deflector (13). Tighten hardware but make sure the deflectors can still pivot.

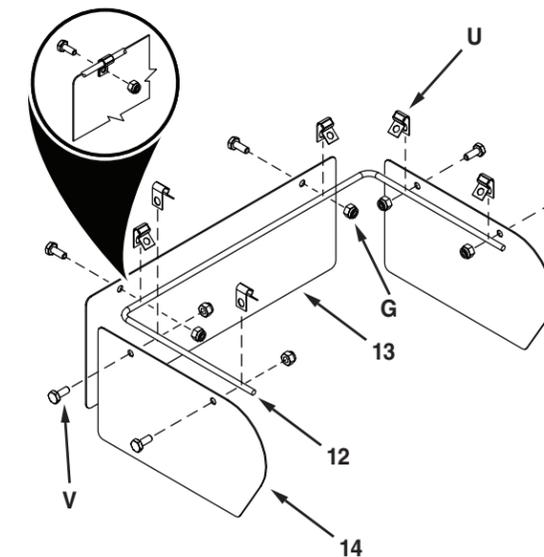


Figure 6

STEP 7: (SEE FIGURE 7)

- Install two 7/32" Bare Clamps (U) onto each side of the deflector frame (12) as shown below. Pinch the clamps (U) together making sure the holes are lining up but make sure the clamps can be adjusted to line up with the spreader frame (5).

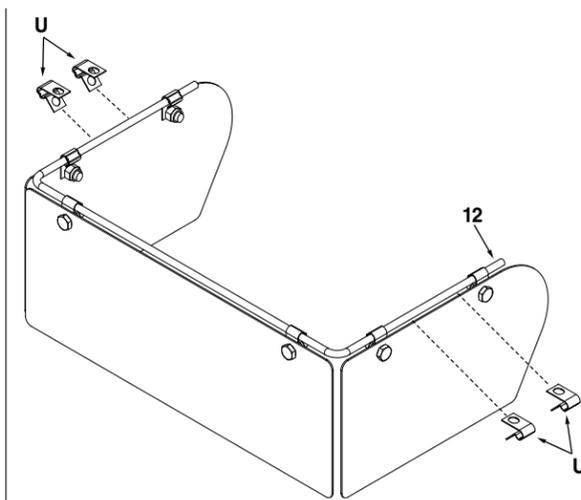


Figure 7

STEP 8: (SEE FIGURE 8)

- Install the hopper onto the frame and guide the impeller shaft through the hole in the flow plate and hopper. Insert the hairpin agitator (I) through the impeller shaft. Install four 1/4 x 1-3/4" hex bolts (T) and 5/16" washers (D) into the hopper and through the frame.
- Install four 5/16" spacers (W) and the deflector kit onto the four bolts (T) just installed and secure with four 1/4" nylock nuts (G). Tighten hardware but be careful not to overtighten.

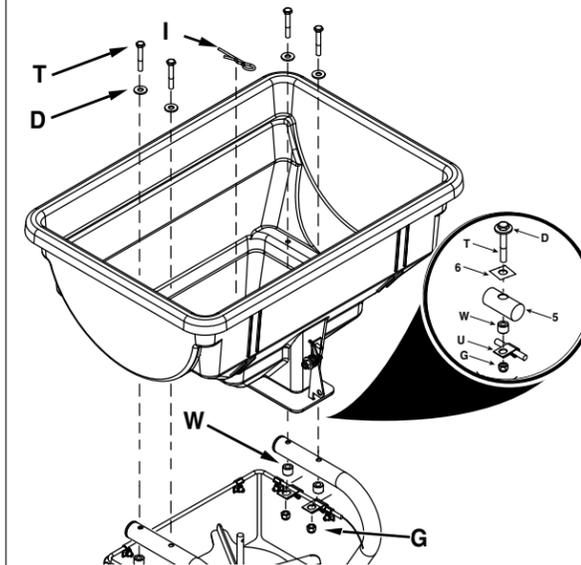


Figure 8

NOTE: Deflector not shown for clarity after this step.



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NOTE: Deflector not shown for clarity after this step.

STEP 9: (SEE FIGURE 9)

- Attach the leg tube (11) to the frame using two 1/4 x 1-1/2" hex bolts (B) and 1/4" nylock nuts (G). Install a plug (O) into the leg tube (11). Tighten hardware.

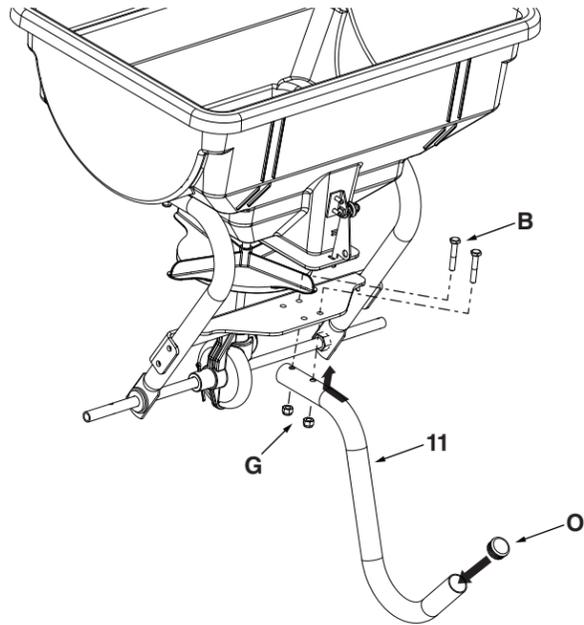


Figure 9

STEP 10: (SEE FIGURE 10)

- Attach a wheel to the right side by sliding onto the axle, a 17/32" washer (F), a plastic spacer (M), a wheel (1), another 17/32" washer (F) and secure with a 3/4" cotter pin (J) by bending the ends out.

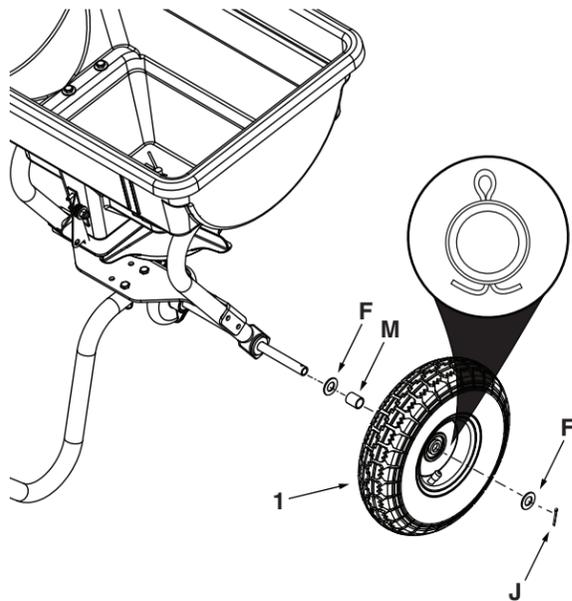


Figure 10

STEP 11: (SEE FIGURE 11)

- Attach the other wheel to the left side by sliding onto the axle, a 17/32" washer (F), a plastic spacer (M) and a wheel (1). Secure the wheel to the axle by inserting the 2" cotter pin (L) through the hole in the inside of the wheel and through the axle. Secure by bending the ends out.

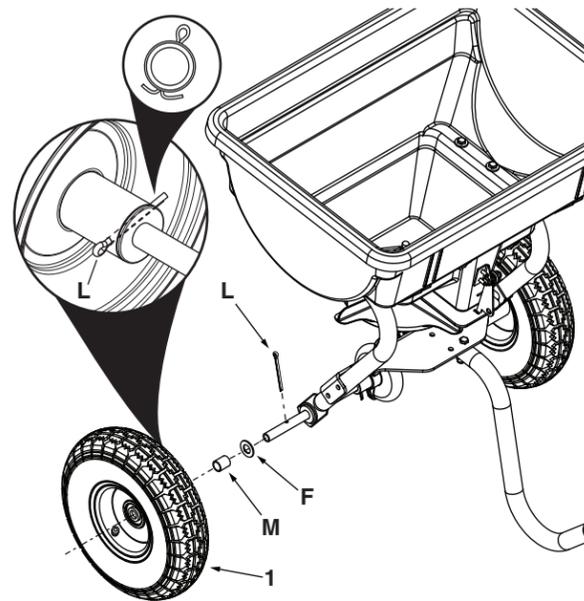


Figure 11

STEP 12: (SEE FIGURE 12)

- Attach the lower handle tube (7) to the frame using two 1/4" x 1-1/2" hex bolts (B) and 1/4" nylock nuts (G). Tighten hardware.

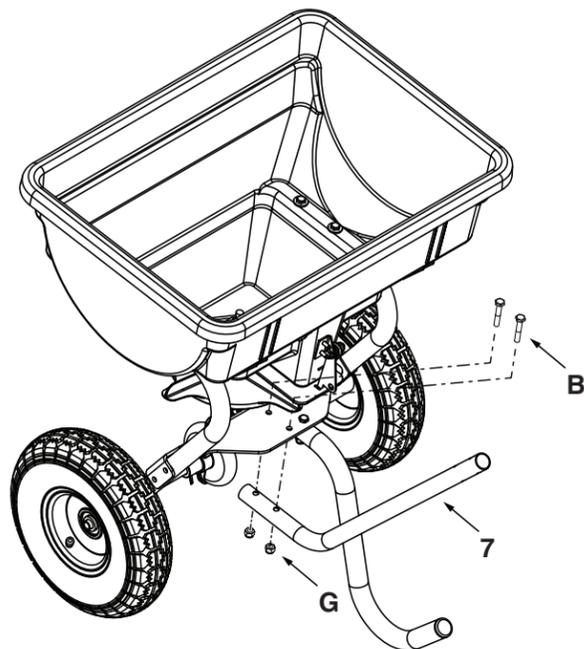


Figure 12

STEP 13: (SEE FIGURE 13)

- Attach the handle tube (2) to the lower handle tube using a 1/4" x 1-1/2" hex bolts (B) and 1/4" nylock nuts (G). Line up the lower hole of the handle tube (2) and the upper hole of the lower handle tube. Tighten hardware.

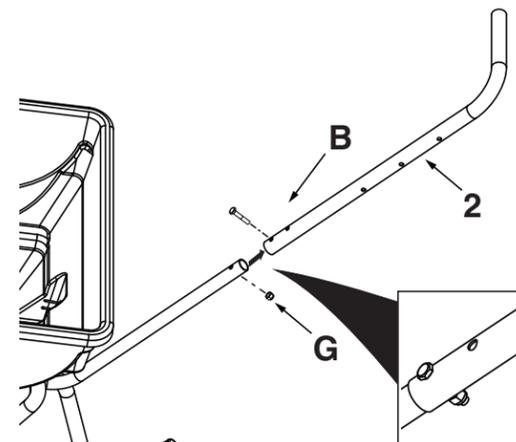


Figure 13

STEP 14: (SEE FIGURE 14)

- Attach the short handle tube (3) to the handle tube using a 1/4" x 1-3/4" hex bolt (A) and secure with a 1/4" nylock nut (G). Slide the handle grips (R) onto the ends of the short handle tube and the handle tube. Tighten hardware.

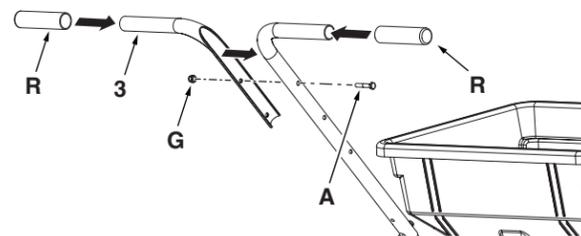


Figure 14

STEP 15: (SEE FIGURE 15)

- Attach the control assembly (4) using two 1/4" - 1-3/4" hex bolts (A), four 5/16" washers (D) and two 1/4" nylock nuts (G). Do not tighten hardware.

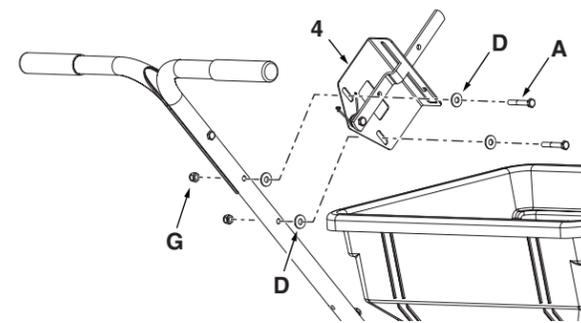


Figure 15

STEP 16: (SEE FIGURE 19)

- Attach the end of the control rod (8) shown below through the slide gate bracket on the hopper.

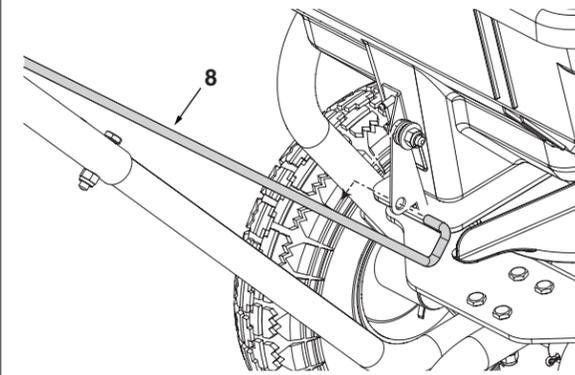


Figure 16

STEP 17: (SEE FIGURE 17)

- Attach the other end of the control rod (8) through the hole in the control arm. Place a 5/16" washer (D) over the end of the control rod and secure with a cotter pin (J) by bending the ends out.

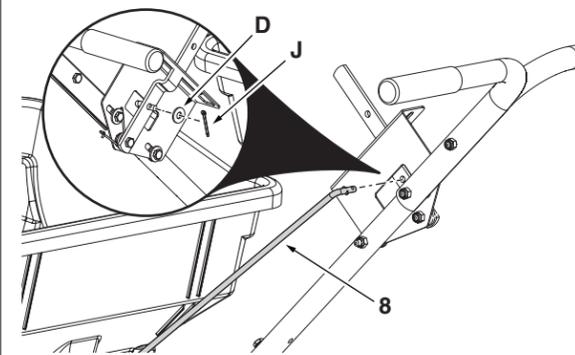


Figure 17

STEP 18: (SEE FIGURE 18)

- Assemble the adjustable stop (Q) to the control bracket using a 1/4" carriage bolt (C) through the stop (Q) and through the slot in the control bracket. Secure on the other side with a nylon washer (E) and a nylon wing nut (H). Slide the control arm grip (S) onto the control arm.

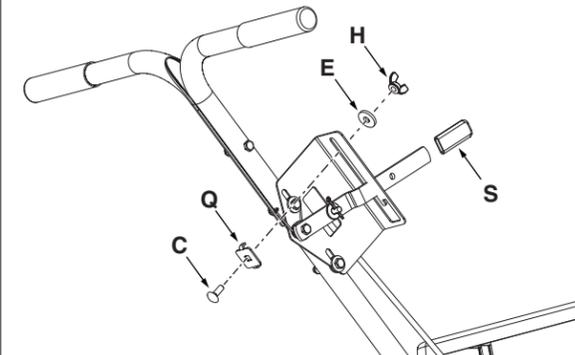


Figure 18

STEP 19: (SEE FIGURE 19)

- Install the grate (15) as shown below. Then install the cover (16) onto the hopper.

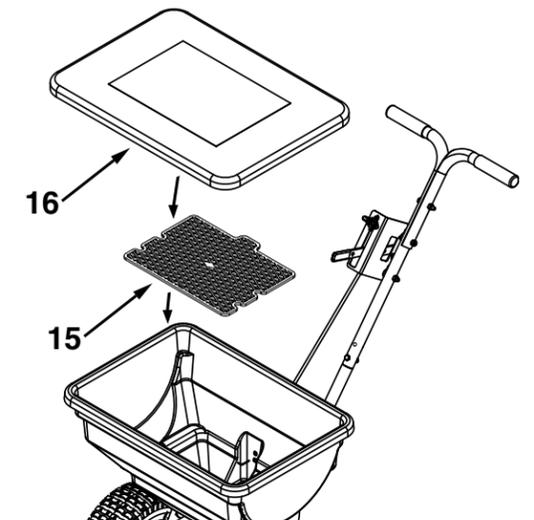


Figure 19

STEP 20: (SEE FIGURE 20)

Calibrate the flow control setting.

- Move the control lever (4) 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 (Q) at "5". Pull the control lever (4) against the stop (Q) 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.

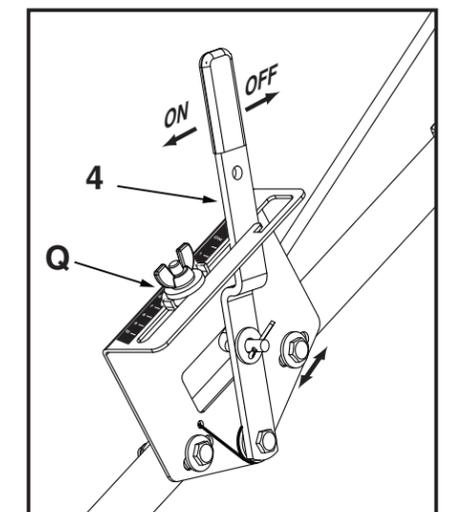


Figure 20