

Agnew Grain Spreader Assembly and Installation Instructions

PATENT #10,889,455 / 11,279,572 / 11,511,953 / 11,697,561



Agnew Steel Inc.

27901 Moffit Rd
Moffit, ND 58560

701-387-4572

agnewsteel@agnewsteel.com

www.agnewsteel.com

Agnew Self Adjusting Grain Spreader Assembly

Step 3: Hook x3 – Bolt these to the twisted bracket with the 5/16" x 3/4" bolts and 5/16" nuts

Step 2: Twisted Brackets x3 – Bolt these to the tabs on the evenflow ring with the 5/16" x 3/4" bolts and 5/16" nuts

Step 1: Legs x8 – Assemble legs in the orientation shown with the 3 1/2" cotter pins provided

Step 5: Alignment Ring – Bolt this to alignment ring brackets with the 5/16" x 3/4" bolts and 5/16" nuts

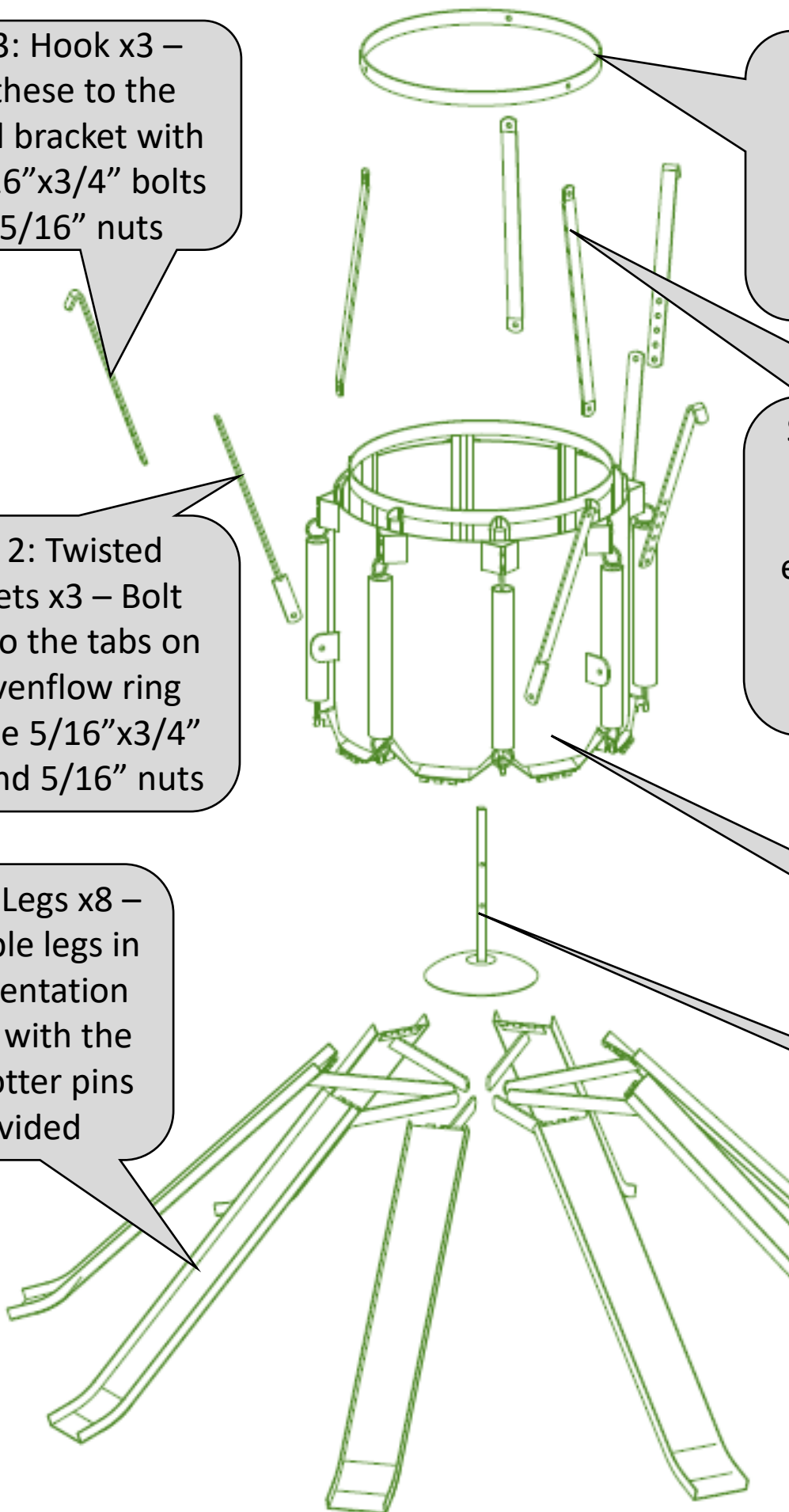
Step 4: Alignment Ring Bracket x3 – Bolt these to the evenflow ring with the 5/16" x 3/4" bolts and 5/16" nuts

Body/Evenflow Subassembly

Plunger



Scan for assembly video



Agnew Static Grain Spreader Assembly

Step 6: Alignment Ring – Bolt this to alignment ring brackets with the 5/16"x3/4" bolts and 5/16" nuts

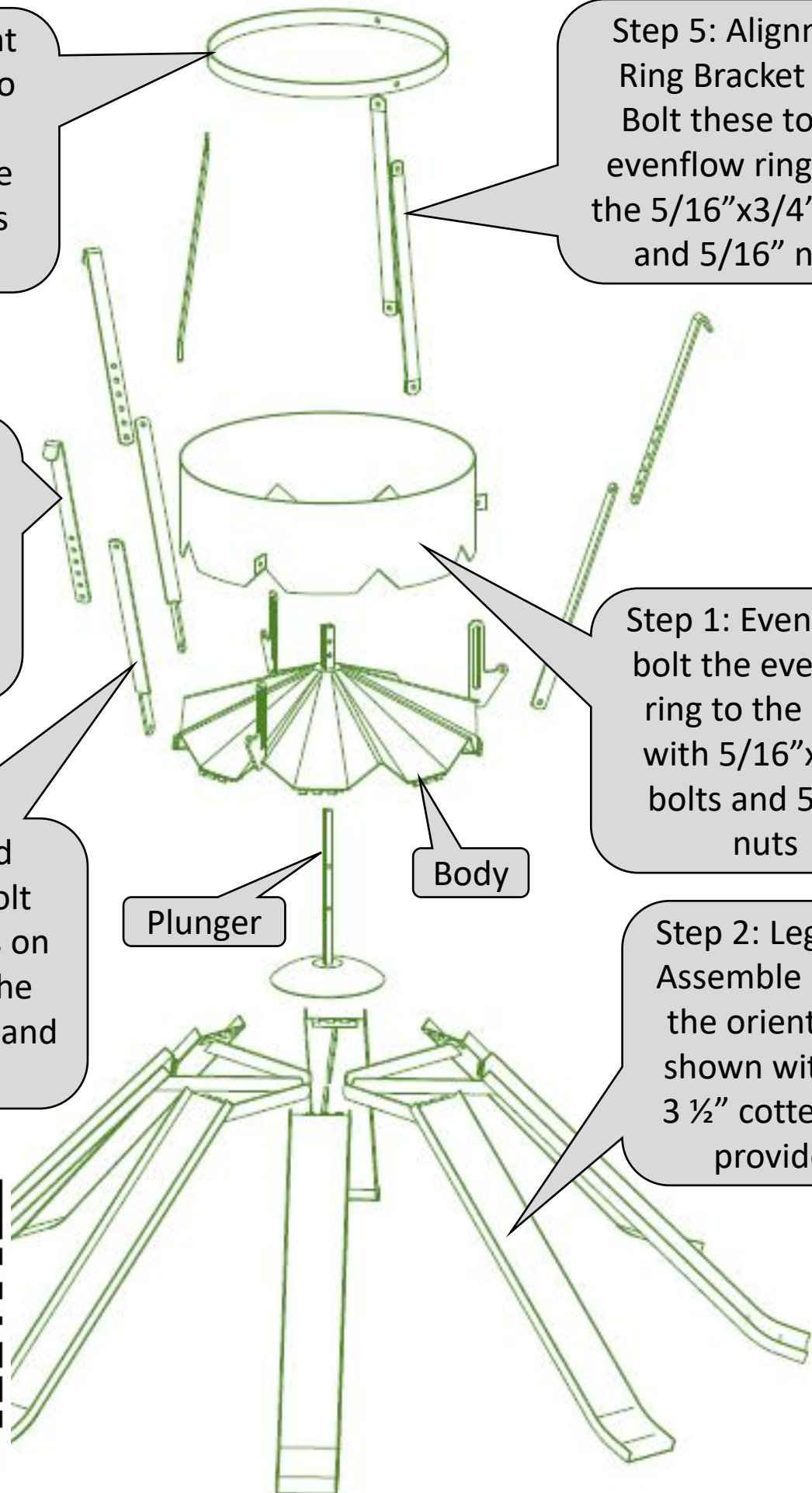
Step 5: Alignment Ring Bracket x3 – Bolt these to the evenflow ring with the 5/16"x3/4" bolts and 5/16" nuts

Step 4: Hook x3 – Bolt these to the twisted bracket with the 5/16"x3/4" bolts and 5/16" nuts

Step 1: Evenflow – bolt the evenflow ring to the body with 5/16"x3/4" bolts and 5/16" nuts

Step 3: Twisted Brackets x3 – Bolt these to the tabs on the body with the 5/16"x3/4" bolts and 5/16" nuts

Step 2: Legs x8 – Assemble legs in the orientation shown with the 3 1/2" cotter pins provided



Scan for assembly video

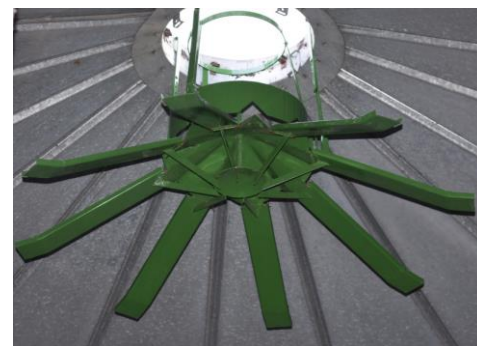
Installation into the bin

1. Place the grain spreader directly below the opening in the bin.
2. Lower a rope to the spreader and secure it to the spreader.
3. Lift the grain spreader to the bin opening and place all the hooks over the rim of the bin opening.
4. Set the angle of the grain chutes by pressing down on the plunger, deploying the chutes to the desired position. Pin the plunger with the hairpin to hold the grain chutes in position.
 - a. The proper position of the grain chutes should deliver grain to a position half way between the wall of the bin and the center of the bin. The grain spreader will spread up to a 24' diameter.

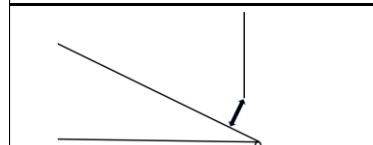


Best practices for effective use

- The grain spreader should hang level in the bin for even filling.
- *STATIC MODELS ONLY:* The evenflow ring should be adjusted to match the grain delivery rate. The ring should stay full at all times to ensure even grain delivery. Refer to the **Evenflow Opening Adjustment** chart to get an estimated opening to match your grain flow.
- *STATIC MODELS ONLY:* It is essential for the grain to fill straight down into the center of the grain spreader.
- Poly spouts are highly encouraged to assist with consistently getting the grain into the grain spreader.
- When delivering grain to the grain spreader, always keep at least a 6" space between the grain delivery mechanism and the top of the evenflow ring on all models. Failure to do so can result in a back up of grain into the grain delivery mechanism.
- *SELF ADJUSTING MODELS ONLY:* The self adjusting models are made for 50-60 lb/bu test weight grain only.
- *SELF ADJUSTING MODELS ONLY:* Ensure the springs are in the correct hole for your application.
 - AG 50SA → Lower hole = up to 1500 bu/hr
Upper hole = 1500-5000 bu/hr
 - AG 150SA → Lower hole = up to 7500 bu/hr
Upper hole = 7500-15000 bu/hr



Evenflow Opening Adjustment
Static Models



*measurement is perpendicular from the valley of the body to the bottom of the evenflow ring

| Bu/hr | Spreader Model | |
|-------|----------------|----------|
| | AG50 L | AG100 XL |
| 350 | .75" | .25" |
| 500 | .75" | .38" |
| 750 | 1.00" | .50" |
| 1000 | 1.25" | .65" |
| 1500 | 1.50" | .80" |
| 2000 | 1.75" | 1.00" |
| 2500 | 1.90" | 1.18" |
| 3000 | 2.13" | 1.31" |
| 3500 | 2.25" | 1.50" |
| 4000 | 2.40" | 1.65" |
| 4500 | 2.63" | 1.80" |
| 5000 | 2.75" | 2.00" |
| 5500 | | 2.18" |
| 6000 | | 2.31" |
| 6500 | | 2.50" |
| 7000 | | 2.63" |
| 7500 | | 2.75" |
| 8000 | | 2.88" |
| 8500 | | 3.00" |
| 9000 | | 3.10" |
| 9500 | | 3.20" |
| 10000 | | 3.30" |
| 10500 | | 3.40" |
| 11000 | | 3.50" |

Thank you for choosing the Agnew Steel Gravity Grain Spreader.

For any questions, feel free to contact us online or by phone.