



# **A114**

## **Swivel Arc Kit**

### **Assembly and Operator Manual**

#### **Applicable Models:**

- **Westfield WR6, WRX 8/10 Series**
- **AGI WRX 8/10 Series**
- **Hutchinson WR6, WRX 8/10 Series**
- **Mayrath WR6, WRX 8/10 Series**

## **Assembling the Swivel Arc Kit**

1. Securely chock wheel on one side of auger.
2. Jack up other wheel and place sturdy support underneath axle close to wheel. Lower weight of auger onto this support.
3. Remove wheel and hub assembly from spindle. Keep dirt out of hub bearings and grease.
4. Place appropriate left or right swivel kit arm (A) onto spindle (see ). Secure arm with 3/4" slotted nut. Tighten snug only. Insert cotter pin.

#### **Note**

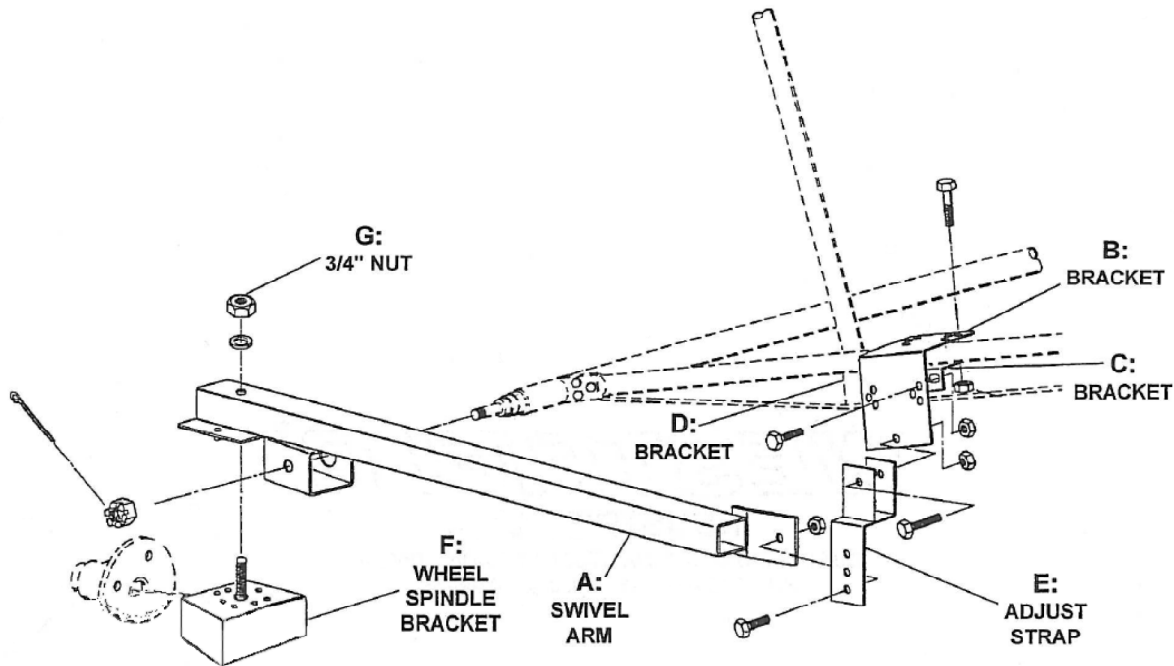
To determine left or right side of a grain auger, stand at intake end facing upper discharge end.

5. Loosely install brackets (B) and (C) to lower undercarriage tubes next to bracket (D) where upper lift arms are attached. Use two 7/16" x 1" bolts and locknuts and two 7/16" x 3-1/2" or 4" bolts and locknuts.
6. Secure adjust strap (E) to bracket (B) and to swivel arm (A) with two 1/2" x 1-1/4" bolts and locknuts. Adjust the angle of the wheel with this adjust strap. Securely tighten all bolts installed in Steps 5 and 6.

#### **Note**

Since most bin installations require one basic auger height, the angle of the wheels should be adjusted once this height is determined. To change the angle of the wheels, see below.

7. Secure wheel spindle bracket (F) to arm (A). Tighten securely with 3/4" nut and lockwasher.

**Figure 1. Assembling the Swivel Arc Kit**

8. Assemble hub. First remove dirt and paint from spindle. Wheel bearings should be thoroughly packed with a high-quality SAE-approved bearing grease. Place hub on spindle, insert small wheel bearing, then tighten 3/4" slotted nut until hub drags slightly. Back off nut about 1/4 turn until hub turns freely. Install cotter pin and dust cap.
9. Attach auger wheel to hub with four wheel bolts. Tighten securely. Jack up axle, remove support and lower jack.
10. Repeat above procedure on other wheel.

## Changing the Angle of the Wheels

1. Jack up the axle.
2. Place safety support under axle.
3. Remove the lower 1/2" x 1-1/4" bolt on the adjust strap (E) and change the angle of the wheel as desired.
4. Replace and secure the bolt and locknut.
5. Remove the axle support and jack.
6. Repeat on other wheel.

## Changing the Wheel from Swivel to Transport

Or changing the wheel from Transport Position to Swivel Position

1. Jack up the axle.
2. Place the safety support under the axle.

3. Loosen the 3/4" nut (G) on the swivel arm (A).
4. Change the position of the wheel and re-tighten the 3/4" nut.
5. Remove the axle support and jack.
6. Repeat on other wheel.

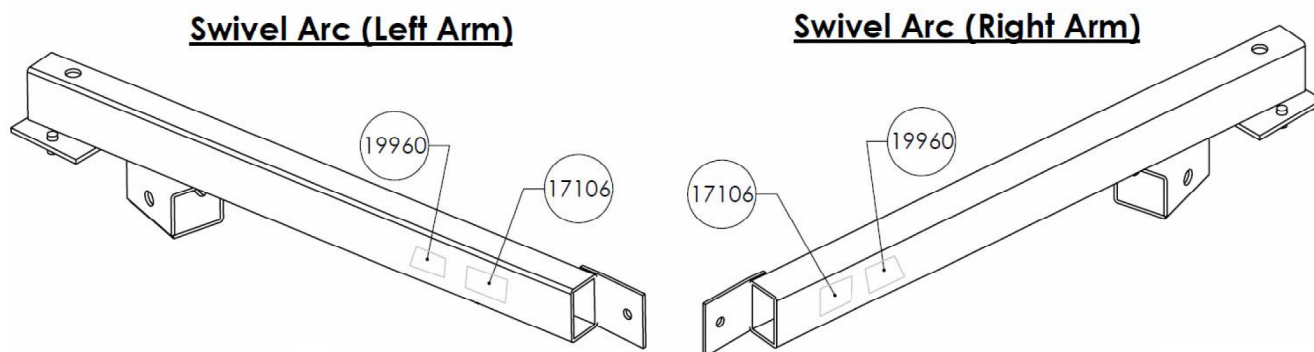
**Note**

If the auger must be transported on the road for any considerable distance at speeds higher than 10 mph (16 km/h), the wheels and hub assemblies should be re-installed on the auger axle spindle.

**Note**

When moving the auger sideways in the swivel arc position, make certain the area is level and free of debris. Holes and bumps may cause the auger to upset.

**Figure 2. Equipment Decals**



**DECAL #17106**

<b>NOTICE</b>	
<p>The transport position on this swivel arc kit is designed for moving equipment in yard only.</p> <p>Do not exceed 10 MPH</p>	<p>When changing wheel position, make sure to:</p> <ul style="list-style-type: none"> <li>Use sturdy jack under axle.</li> <li>Chock other wheel.</li> <li>Retighten all bolts when finished.</li> </ul>

**DECAL #19960**

<b>NOTICE</b>
<p>To prevent damage, wheels must be free to move when raising or lowering equipment.</p> <p>When equipment is positioned, chock all wheels.</p>



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