

G2 / G3 / G4 MOUNTING INSTRUCTIONS

Installing the G2 G3 G4 Arm on Horsch

Horsch Maestro Planters

!! PLEASE NOTE THE FOLLOWING:



- Instructions are for G4 Arm. These instructions can also be applied to the G2 and G3 Arms.
- There are left-hand and right-hand G2-G3-G4 units. Lefts and rights are determined facing the planter from the back behind it.
- Many photos included in the instructions were taken from the under side of the tail section.
- You do not need to remove the tail section. Mounting the G2-G3-G4 can be done on the planter.
- **DANGER:** When storing or working on the planter always install cylinder stops or place the planter on stands to prevent personal injury or damage to the attachments.
- **NOTICE:** WHEN YOU PICK THE PLANTER UP, THE GAUGE WHEEL WILL HIT THE PRESS WHEEL. When you set the planter back down, the gauge wheel will go forward and the tail section will go backward so that they will not hit while running in the field. WHEN INSTALLING THE G2-G3-G4 EITHER TIE THE GAUGE WHEEL FORWARD OR THE TAIL SECTION UP.

Before you begin, verify all "package contents" items. Qty is per single row.

GHMBK Package Contents : Step #2 Installing the Walking Beam Mounting Brackets	
Qty	Item
1	Walking Beam Mounting Bracket
4	5/8" x 1-1/4" NC Button Head Bolt
4	5/8" NC Jam Nut
2	Blue Mounting Bracket Spacer
4	Washer (for use in Step #4)



G2AL/R, G2CAL/R, G3AL/R, G4AL/R ARM KIT Package Contents : Step #3-5 WHEEL BOLT KIT shown on Closing Wheels instructions Installing the Walking Beam to the Mounting Brackets	
Qty	Item
1	G4 Arm (L or R) OR G3 Arm (L or R) OR G2 Arm (L or R)
1	Hardened Pipe Spacer
1	1/2" x 3-1/4" NC Grade 5 Bolt
1	1/2" NC Spin Lock Nut



REMOVE OEM WHEELS

STEP #1:

Remove press wheels off the tail section.

You do not need to remove the tail section for G Series Arm installation.

G2 / G3 / G4 MOUNTING INSTRUCTIONS

Installing the G2 G3 G4 Arm on Horsch

INSTALLING THE WALKING BEAM MOUNTING BRACKETS



Package Items Used In This Section	
Qty	Item
1	Walking Beam Mounting Bracket
4	5/8" x 1-1/4" NC Button Head Bolt
4	5/8" NC Jam Nut
2	Blue Mounting Bracket Spacer

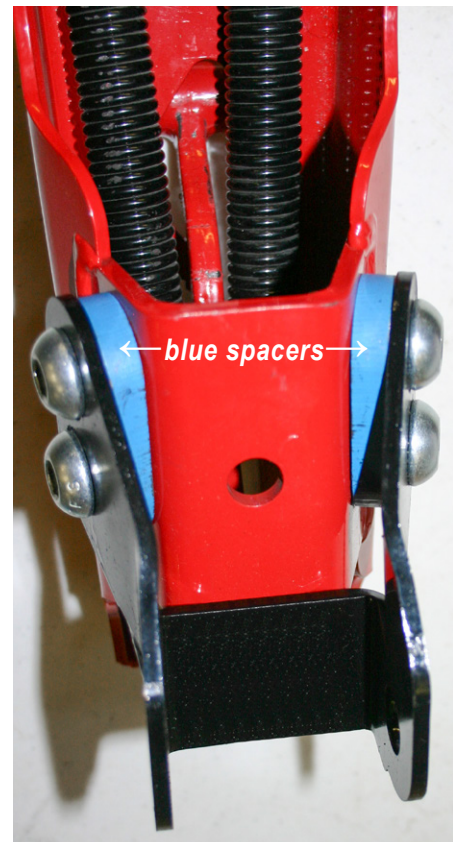
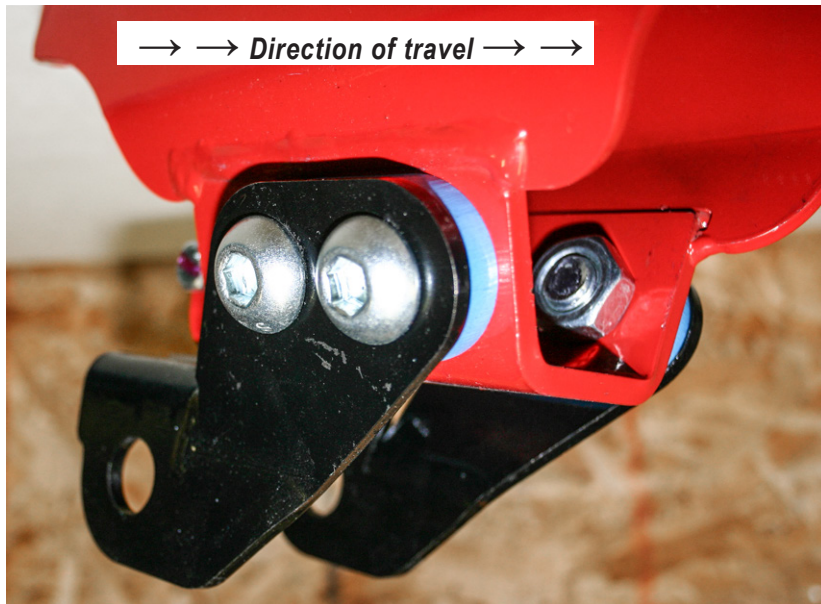
To prevent button head bolts from coming loose, put lock tight under them prior to tightening.

STEP #2:

Bolt the walking beam mounting bracket using the four 5/8" button head bolts and jam nuts to the tail section, placing the two blue spacers between tail section and mounting bracket.

The bolts should be on the outside of the tail section, and nuts on the inside.

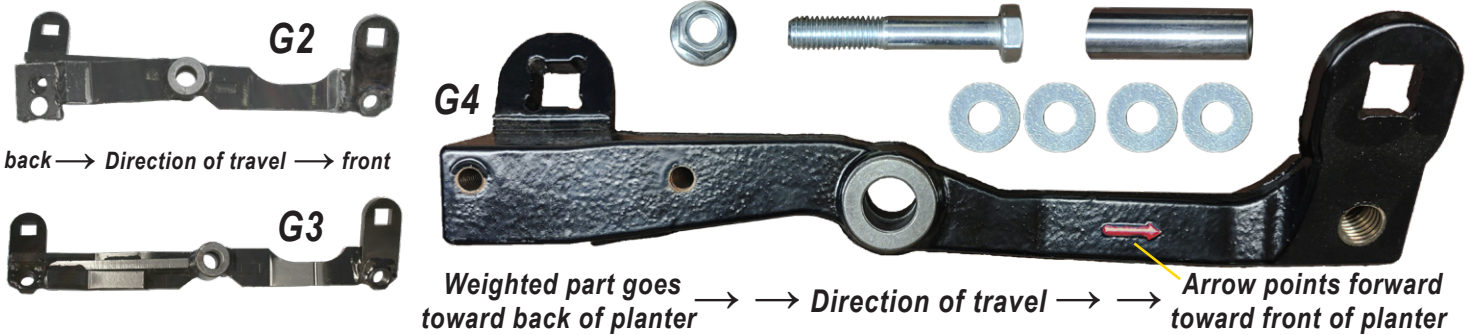
Leave loose until both sides of the walking beam mounting bracket are fully installed.



G2 / G3 / G4 MOUNTING INSTRUCTIONS

Installing the G2 G3 G4 Arm on Horsch

INSTALLING THE WALKING BEAM ARM TO THE MOUNTING BRACKETS



Package Items Used In This Section	
Qty	Item
1	G4 Arm (L or R) OR G3 Arm (L or R) OR G2 Arm (L or R)
1	Hardened Pipe Spacer
1	1/2" x 3-1/4" NC Grade 5 Bolt
1	1/2" NC Spin Lock Nut
4	Washer

STEP #3:

Take the G4 walking beam pivot arm (substitute this for G2 or G3 arm if applicable), and slide the hardened pipe spacer bushing into its center hole.



STEP #4:

Slide G2-G3-G4 arm assembly between the walking beam mounting brackets you installed to the tail section.

Install the arm in the direction where **the arrow is pointed towards the front** of the planter, and the disc or weighted part is towards the back of the planter. The cut-out or notch on the G2/G3 arm goes towards the front. The tabs with carriage bolt holes will be on the top side.

Install the 3-1/4" bolt through the center of the G2-G3-G4 arm and arm mounting brackets. The four washers should be inserted over this bolt so that they are directly next to the Horsch arm mounting bracket on either side of both sides. *The following order corresponds to image at right:*

Nut - Washer - Horsch bkt - Washer - G Arm+Pipe Spacer - Washer - Horsch bkt - Washer - Bolt (head)

Make sure the bolt is threaded through with the bolt head on the opposite side of the G4 disc mounting plate holes, i.e. **the bolt head should be on the same side as the G2/G4 disc or G4 weight** will be. Doing so will aid removal of the arm when kit assembly is complete—so nothing will need to be removed to easily drop out the arm).

Secure in place with the other 1/2" spin lock nut.

Tighten with two wrenches.



bolt threads through from the same side as the disc will be

*Rights = right side
Lefts = left side*

FINALIZE G SERIES ARM MOUNT

STEP #5:

Now you are ready to tighten down all the nuts holding the arm mounting bracket together.

Put lock tight under the button head bolts to prevent them from coming loose. Then tighten all four button head bolts and nuts to the frame of the tail section with 3/8" Allen wrench and 15/16 end wrench.

Tighten the 3/8" bolt and nut around the arm with two 9/16 end wrenches.

Finally, tighten the 1/2" bolt and spin lock nut at the center pivot of the G2-G3-G4 arm.



G2 arm final assembly on Horsch tail section

G2 / G3 / G4 MOUNTING INSTRUCTIONS

Installing the G2 G3 G4 Arm on Horsch

