



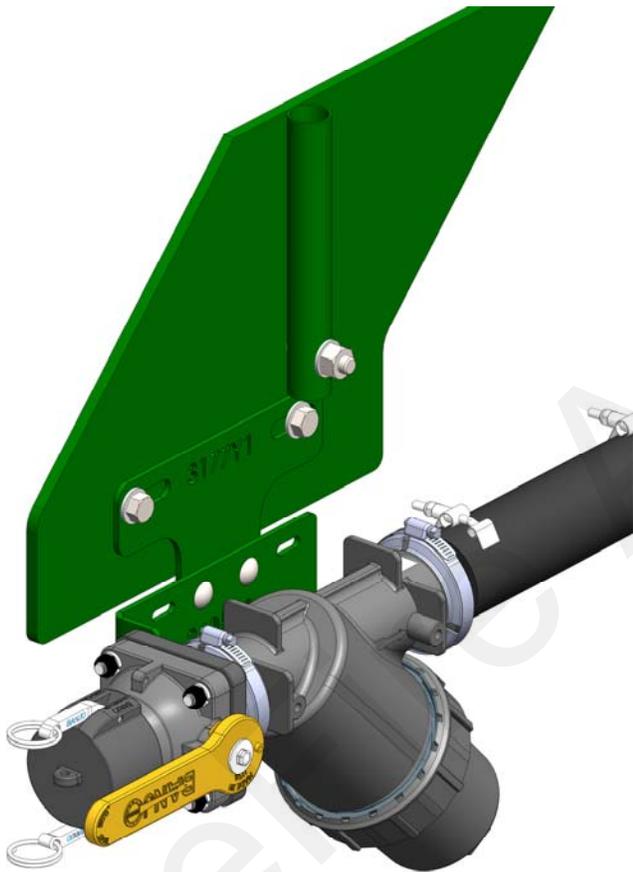
# 396-4062Y1

## John Deere DB and 1775 Series Planter Full Port Fill Kit Installation Instructions

Planter Manufacturer:

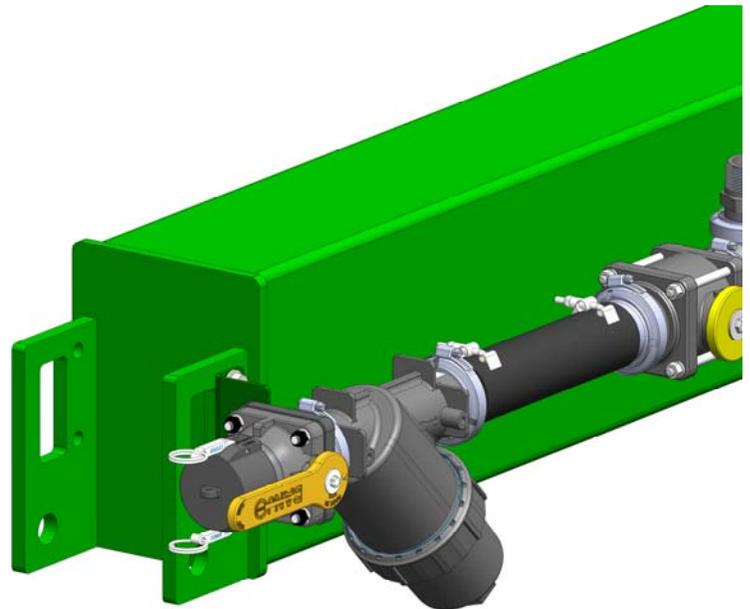


**JOHN DEERE**



**Kit Number: 520-00-101730**

**Kit Description:** John Deere Planter Full Port Fill Kit - CCS w/o rear hitch

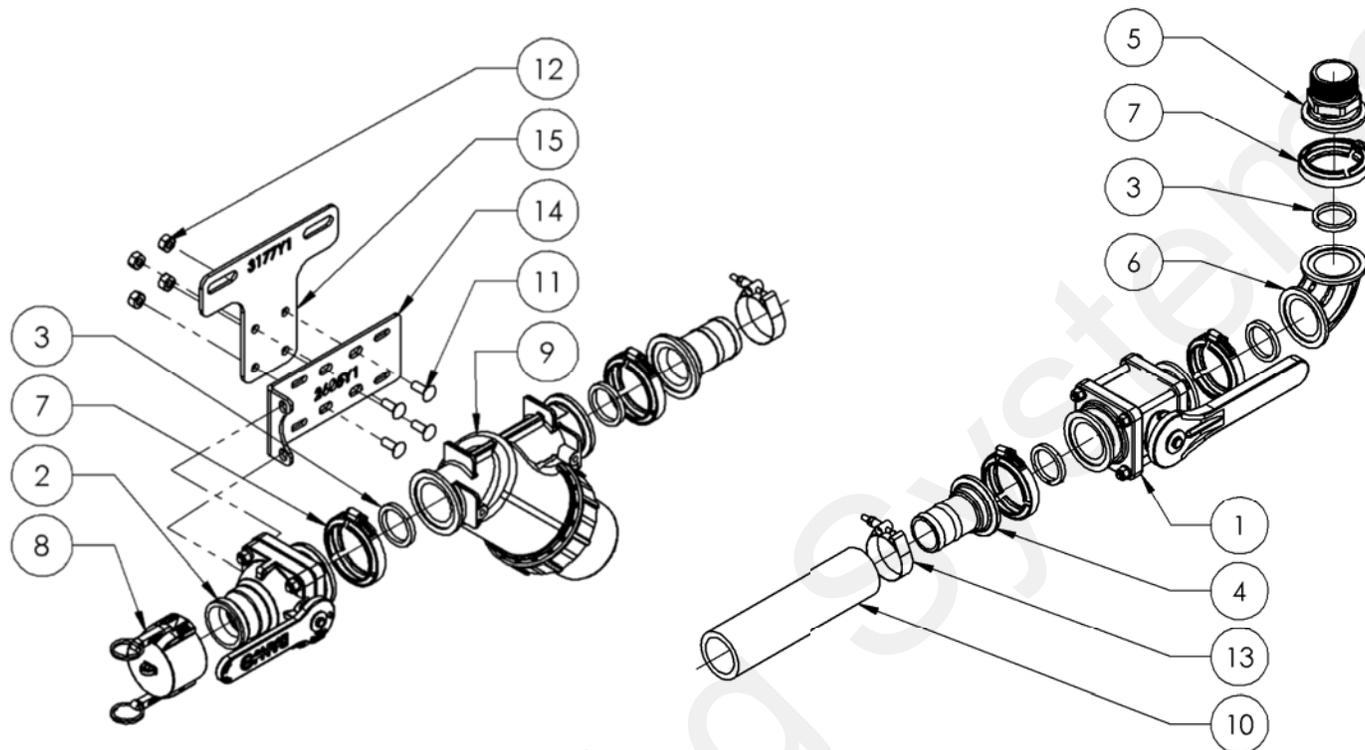


**Kit Number: 520-00-101740**

**Kit Description:** John Deere Planter Rear Hitch Full Port Fill Kit



# Parts List and Exploded View Kit: 520-00-101730



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102-220MVCF	2" Manifold Standard Port Poly Valve	1
2	102-220MVSFFP	220 Series Manifold x 2" Male Quick Coupler Full Port Poly Valve	1
3	105-200G-H	2" EPDM Manifold Gasket for 220 Series Manifold Fittings	5
4	105-220BRB	2" Full Port Manifold x 2" HB	2
5	105-220MPT	2" Full Port Manifold x 2" MPT	1
6	105-220SWP90	2" Full Port Manifold Sweep - 90 Degree	1
7	105-FC200	2" Manifold Clamp	5
8	106-200CAP	2" Cap	1
9	109-220MLS-20	2" Full Port Manifold Y Strainer - 20 Mesh	1
10	280-200-ENF	2" Enforcer Fertilizer Solution Hose	20'
11	304-060100-5	Carriage Bolt - 3/8" x 1" G5	4
12	323-06	3/8" Flange Nut	4
13	350-TC231	Pressure Seal HD Clamp, Size 288 (fits 2" Enforcer and Wire Braided)	2
14	400-2605Y1-GN	Universal Fill Kit Strainer Mount - Green	4
15	400-3177Y1-GN	JD Front Fold Stair Fill Kit Strainer Mounting Bracket	2



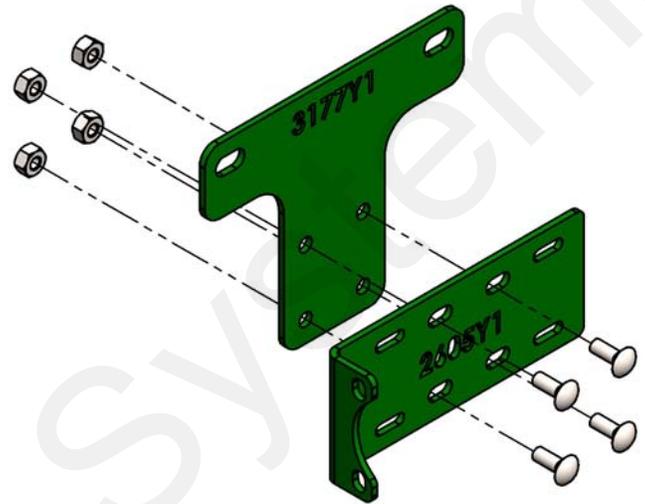
# Step by Step Instructions

## Kit: 520-00-101730

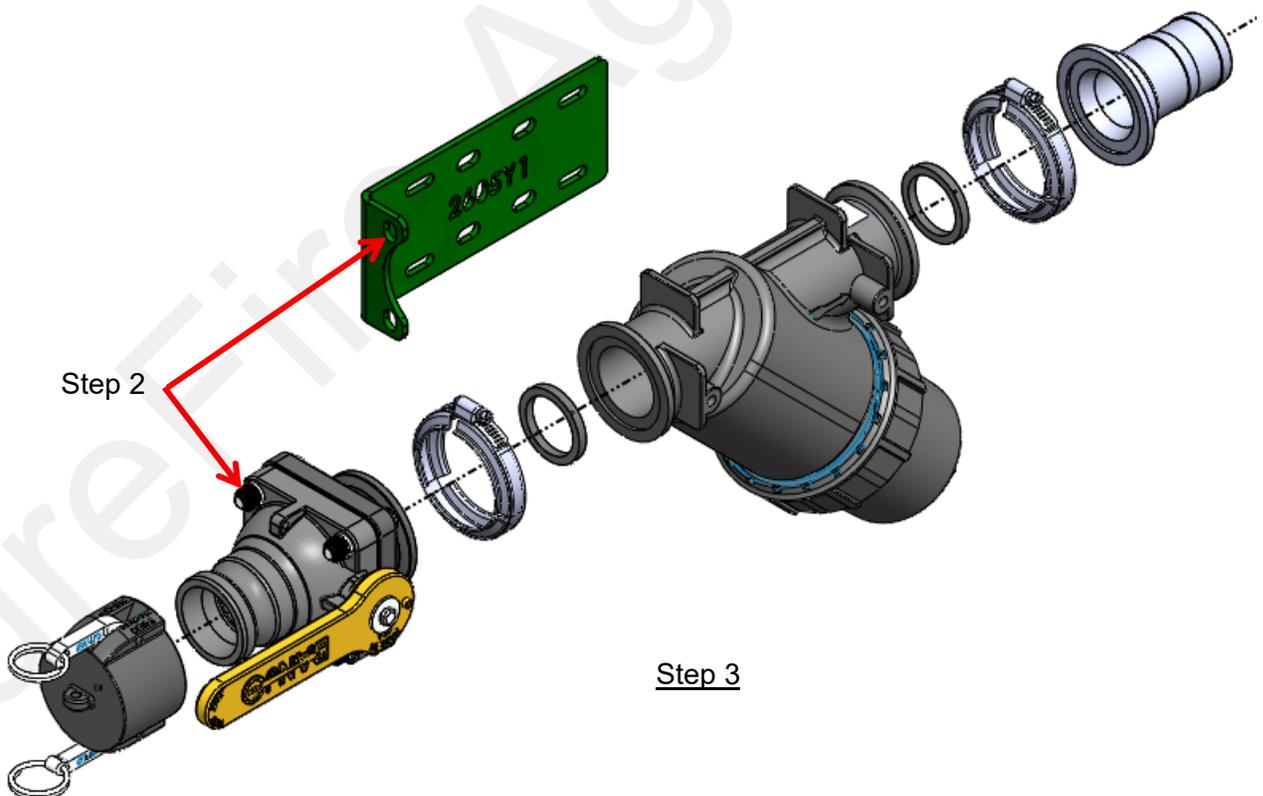
520-00-101730 Fill Kit mounting bracket is designed to work with 1770NT and 1775NT CCS planters, as well as DB60 and DB90 planters.

### Strainer Assembly Mounting:

1. Attach strainer mounting bracket to mounting bracket using four (4) 3/8" x 1" carriage bolts and flange nuts.
2. Remove nuts on Poly Valve as required to fasten valve to strainer mounting bracket. Re-install nuts and wrench tighten
3. Pre-assemble fill kit components as shown.



Step 1



Step 3

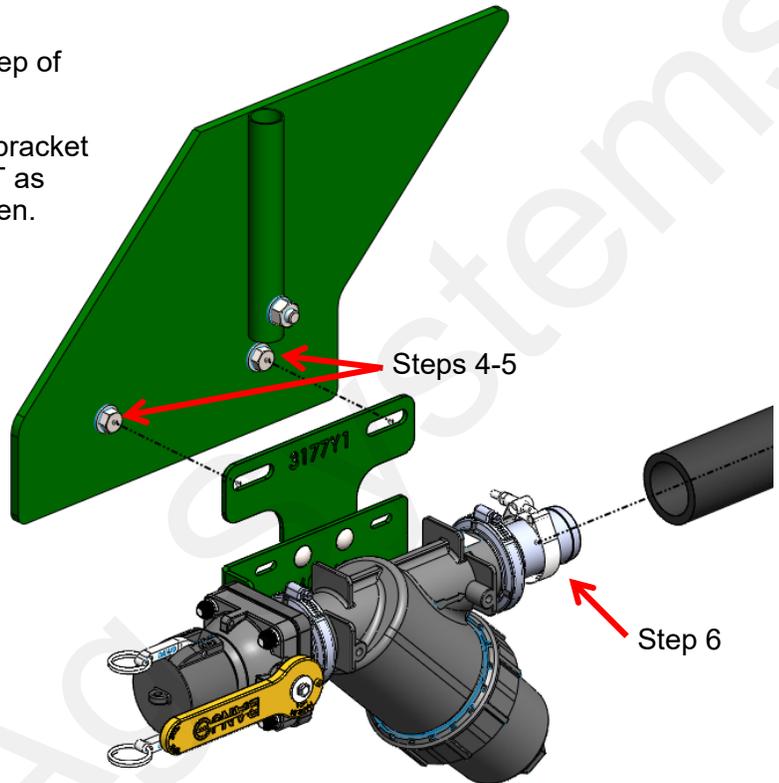


# Step by Step Instructions (cont)

## Kit: 520-00-101730

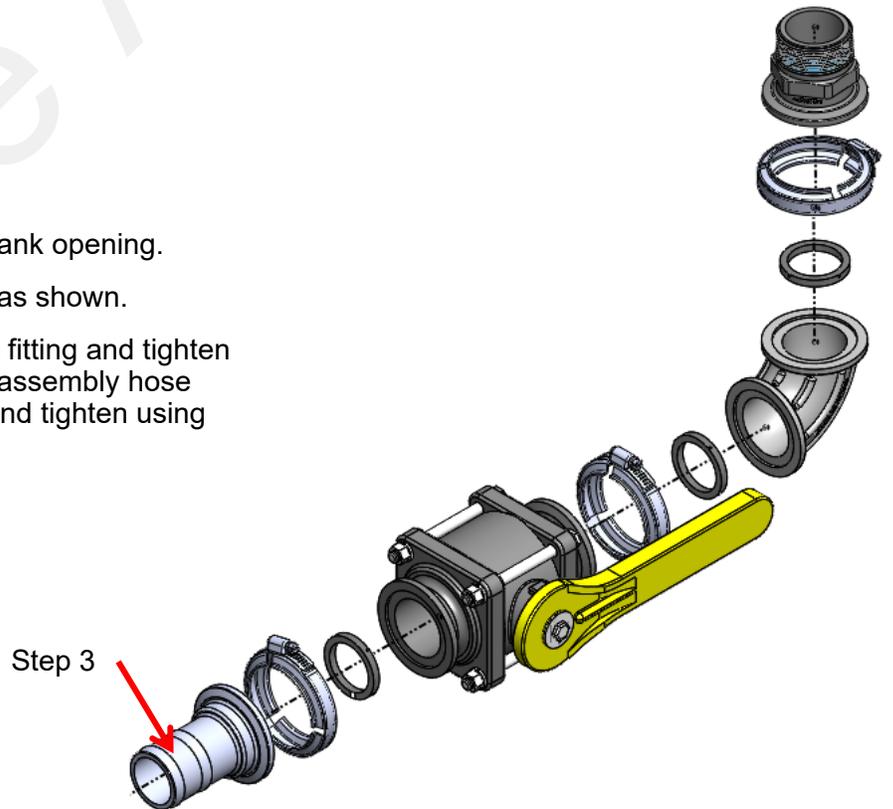
### Strainer Assembly Mounting (cont):

4. Remove existing bolts that fasten the lower step of the rear platform steps.
5. Mount fill kit strainer assembly and mounting bracket to rear step of John Deere 1770NT or 1775NT as shown right. Re-install bolts and wrench tighten.
6. Push 2" enforcer hose onto hose barb fitting and tighten hose clamp. Route 2" hose from tank assembly hose barb to strainer assembly hose barb.



### Tank Connection Assembly:

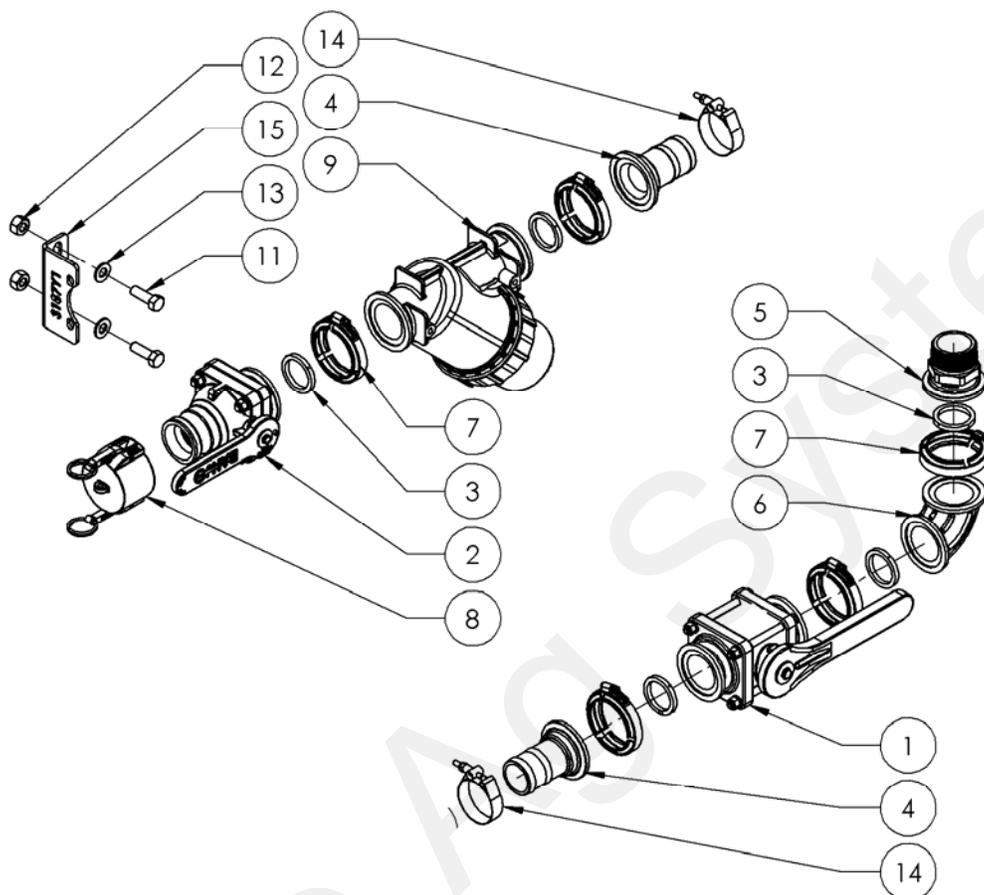
1. Thread 2" Manifold x MPT fitting into tank opening.
2. Assemble tank valve manifold fittings as shown.
3. Push 2" enforcer hose onto hose barb fitting and tighten hose clamp. Route 2" hose from tank assembly hose barb to strainer assembly hose barb and tighten using hose clamps.





# Parts List and Exploded View

## Kit: 520-00-101740



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102-220MVCF	2" Manifold Standard Port Poly Valve	1
2	102-220MVSFFP	220 Series Manifold x 2" Male Quick Coupler Full Port Poly Valve	1
3	105-200G-H	2" EPDM Manifold Gasket for 220 Series Manifold Fittings	5
4	105-220BRB	2" Full Port Manifold x 2" HB	2
5	105-220MPT	2" Full Port Manifold x 2" MPT	1
6	105-220SWP90	2" Full Port Manifold Sweep - 90 Degree	1
7	105-FC200	2" Manifold Clamp	5
8	106-200CAP	2" Cap	1
9	109-220MLS-20	2" Full Port Manifold Y Strainer - 20 Mesh	1
10	280-200-ENF	2" Enforcer Fertilizer Solution Hose	20'
11	300-080108-5	1/2" x 1-1/2" Hex Head Bolt—G5	2
12	323-08	1/2" Flange Nut	2
13	330-08	1/2" Flat Washer	2
14	350-TC231	Pressure Seal HD Clamp, Size 288 (fits 2" Enforcer and Wire Braided)	2
15	400-3187Y1-GN	JD 1770 Rear Hitch Fill Kit Mounting Bracket	1



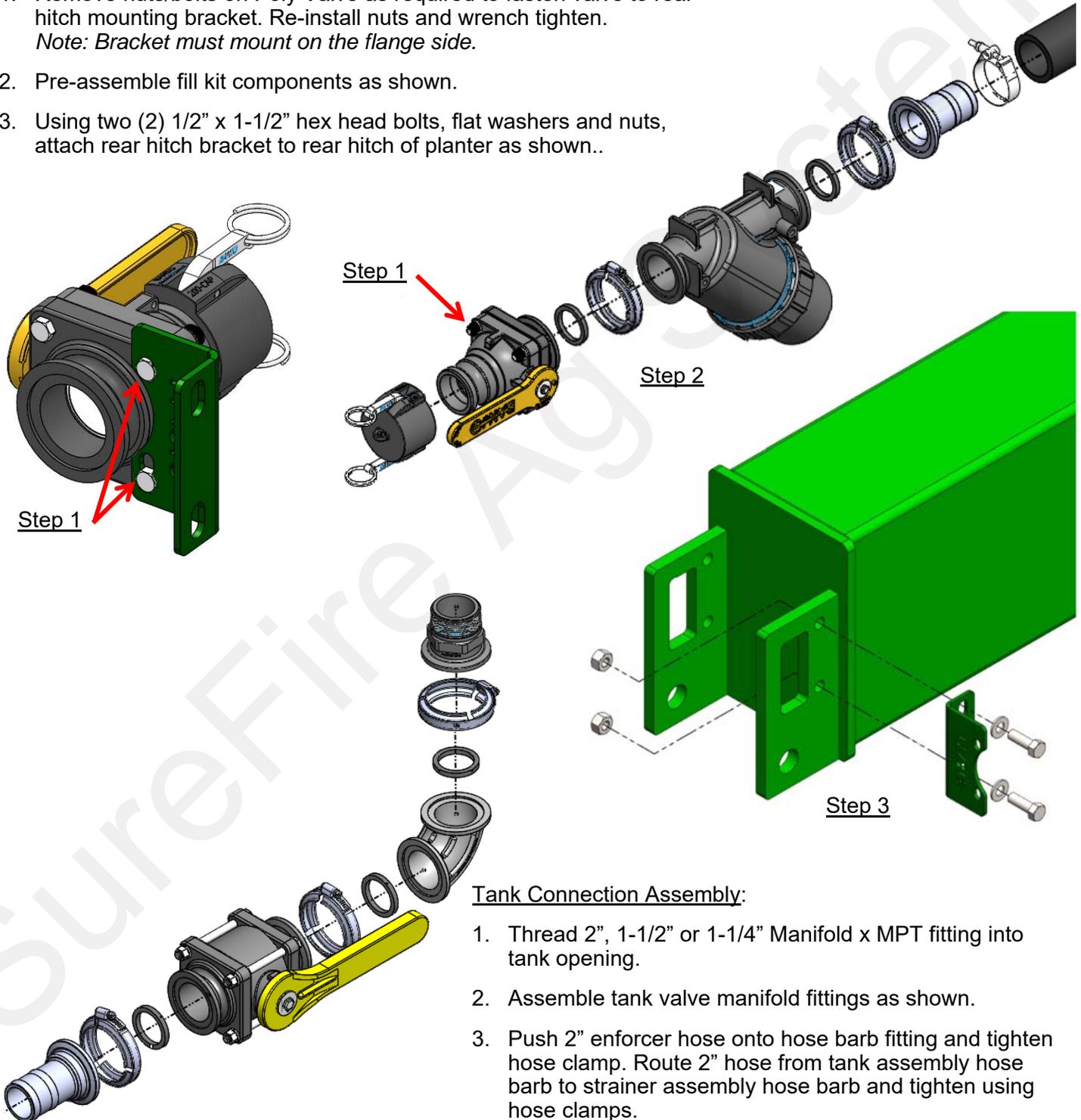
# Step by Step Instructions

## Kit: 520-00-101740

520-00-101740 Fill Kit mounting bracket is designed to work with 1770NT and 1775NT, CCS or non-CCS planters with a rear hitch. On CCS planters with no rear hitch, use Kit 520-00-101710. This kit will not work when pulling

### Strainer Assembly Mounting:

1. Remove nuts/bolts on Poly Valve as required to fasten valve to rear hitch mounting bracket. Re-install nuts and wrench tighten.  
*Note: Bracket must mount on the flange side.*
2. Pre-assemble fill kit components as shown.
3. Using two (2) 1/2" x 1-1/2" hex head bolts, flat washers and nuts, attach rear hitch bracket to rear hitch of planter as shown..



### Tank Connection Assembly:

1. Thread 2", 1-1/2" or 1-1/4" Manifold x MPT fitting into tank opening.
2. Assemble tank valve manifold fittings as shown.
3. Push 2" enforcer hose onto hose barb fitting and tighten hose clamp. Route 2" hose from tank assembly hose barb to strainer assembly hose barb and tighten using hose clamps.