



396-5152Y1

John Deere DB120 Hitch Mounted Tank Kit Mounting Instructions

Planter Manufacturer: **JOHN DEERE**

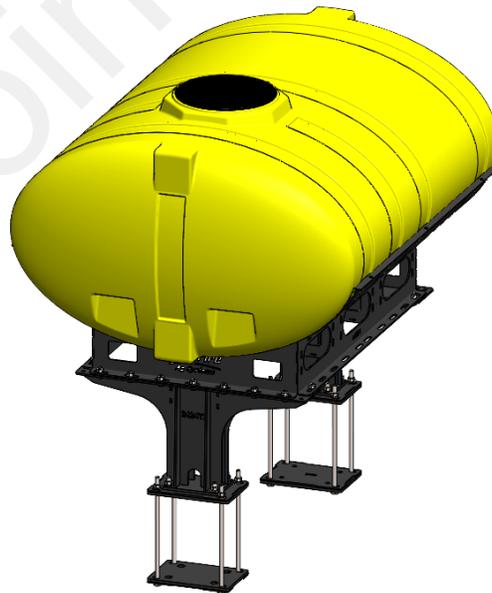
Kit Number: 530-01-450950 (500 Gallon)

Kit Number: 530-01-450960 (600 Gallon)

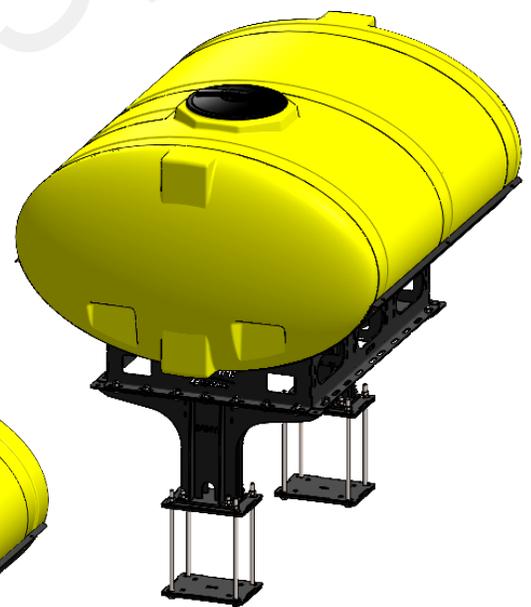
Kit Number: 530-01-450975 (750 Gallon)



500 Gal



600 Gal



750 Gal



SurePoint Ag Systems Fertilizer Tank Safety and Warnings



SurePoint Ag Systems does not recommend transporting your implement with full fertilizer tanks. Doing so can result in damage to brackets and implement.



Remember to wear proper PPE (*Personal Protective Equipment*) when installing SurePoint Ag Systems fertilizer tank kits. Proper PPE includes gloves, foot and eye protection, and hearing protection.



SurePoint Ag Systems fertilizer application systems require winterization when not in use. Refer to your product manual for winterization procedures.

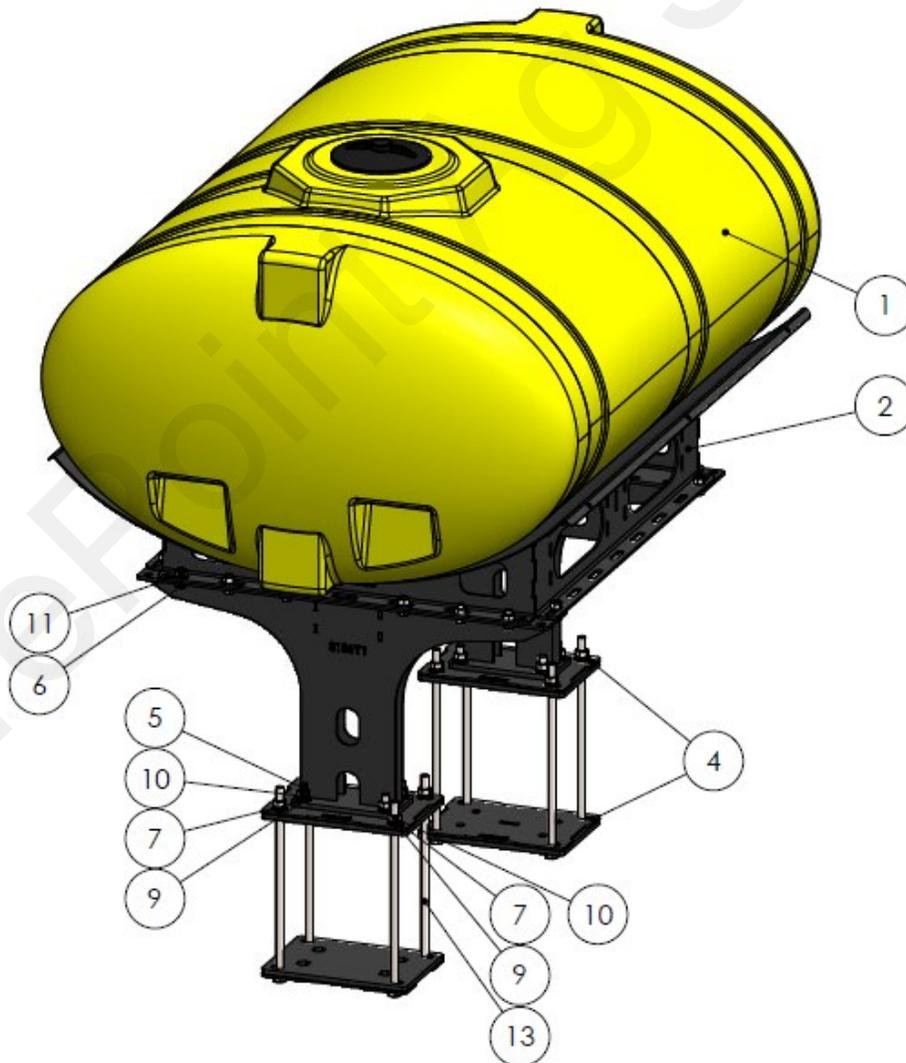
Failure to follow the above warnings can result in personal injury, damage to your SurePoint Ag Systems products, and damage to your implement.



Parts List and Exploded View

530-01-450950

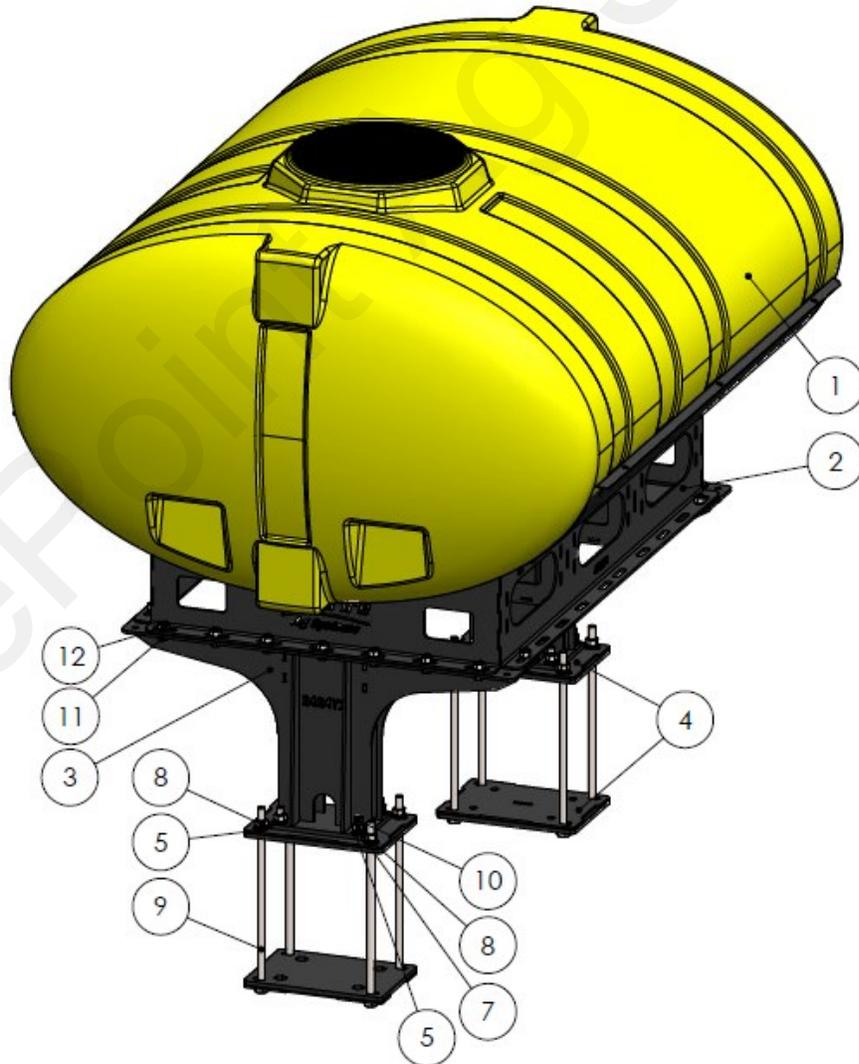
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------|--|------|
| 1 | 727-01-HE0750-69-OS-Y | Elliptical Tank - 500 Gal - Yellow | 1 |
| 2 | 421-1329A2 | 500 Gallon Tank Cradle | 1 |
| 3 | 421-2424Y2 | 600/750 Gallon Tank Pedestal | 2 |
| 4 | 420-5129Y1 | Adapter Plate for 8" to 12" Hitch - 400/500 Gal Tank | 4 |
| 5 | 300-120208-5 | 3/4" x 2-1/2" Hex Head Bolt - G5 | 8 |
| 6 | 300-100108-5 | 5/8" x 1-1/2" HCS | 18 |
| 7 | 330-12 | 3/4" Flat Washer | 16 |
| 8 | 330-10 | 5/8" Flat Washer | 18 |
| 9 | 331-12 | 3/4" Lock Washer | 16 |
| 10 | 320-12 | 3/4" Nut | 16 |
| 11 | 323-10 | 5/8" Flange Nut | 18 |
| 12 | 525-750 | 3" Tank Strap Kit | 3 |
| 13 | 300-122000-8 | 3/4"-10 x 20" G8 | 8 |





Parts List and Exploded View 530-01-450960

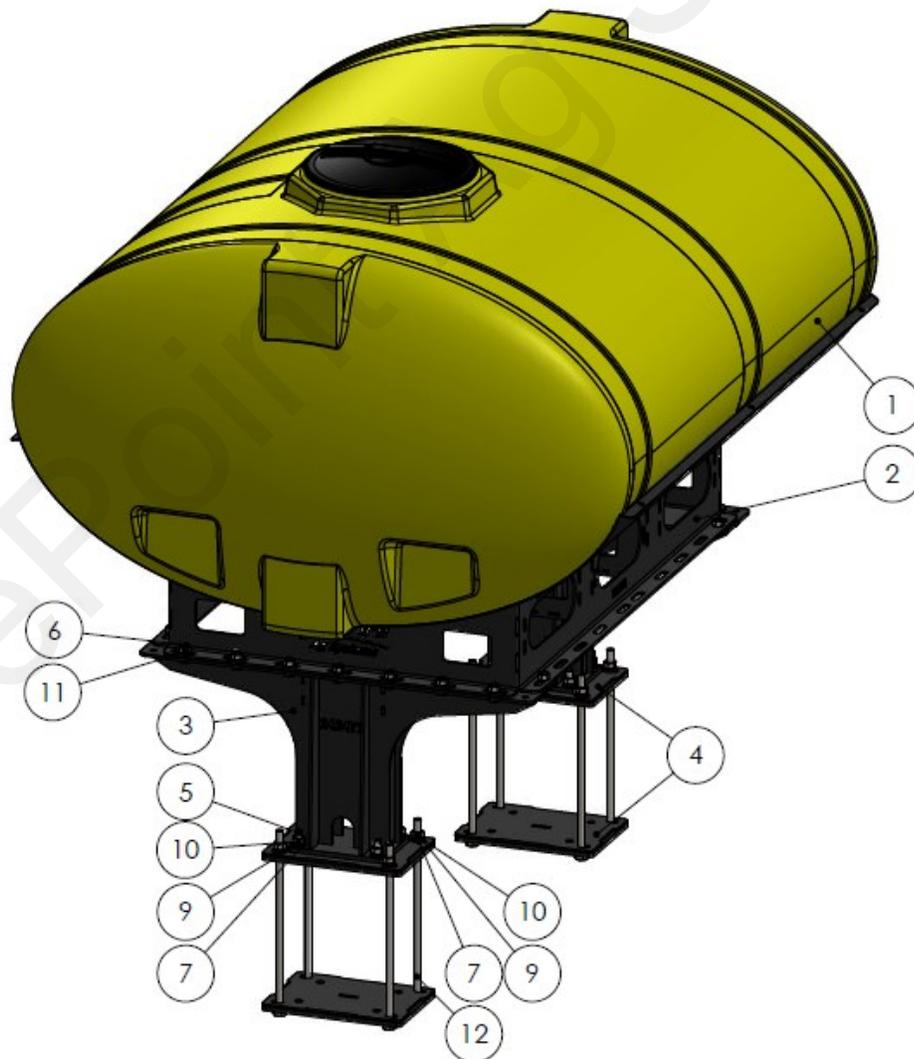
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------|--|------|
| 1 | 727-01-HE0600-64-CS-Y | Elliptical Tank - 600 Gal - Yellow | 1 |
| 2 | 421-4105Y1 | 600 Gallon Elliptical Tank Cradle | 1 |
| 3 | 421-2424Y2 | 600/750 Gallon Tank Pedestal | 2 |
| 4 | 420-5132Y1 | Adapter Plate for 8" to 12" Hitch - 600/750 Gal Tank | 4 |
| 5 | 330-12 | 3/4" Flat Washer | 24 |
| 6 | 330-10 | 5/8" Flat Washer | 18 |
| 7 | 331-12 | 3/4" Lock Washer | 16 |
| 8 | 320-12 | 3/4" Nut | 16 |
| 9 | 300-122000-8 | 3/4"-10 x 20" G8 | 8 |
| 10 | 300-120208-5 | 3/4" x 2-1/2" Hex Head Bolt - G5 | 8 |
| 11 | 300-100108-5 | 5/8" x 1-1/2" HCS | 18 |
| 12 | 323-10 | 5/8" Flange Nut | 18 |
| 13 | 525-750 | 3" Tank Strap Kit | 3 |





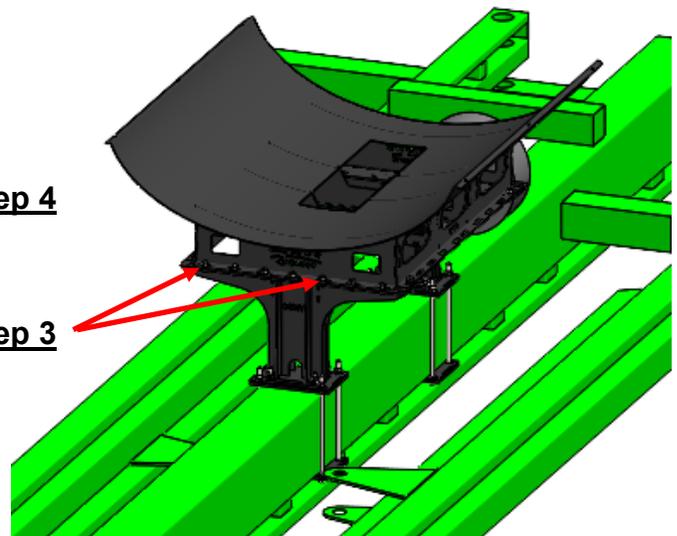
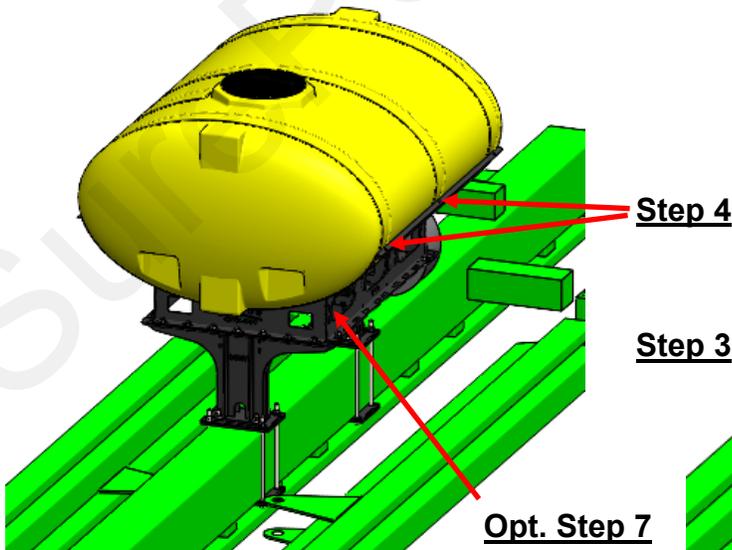
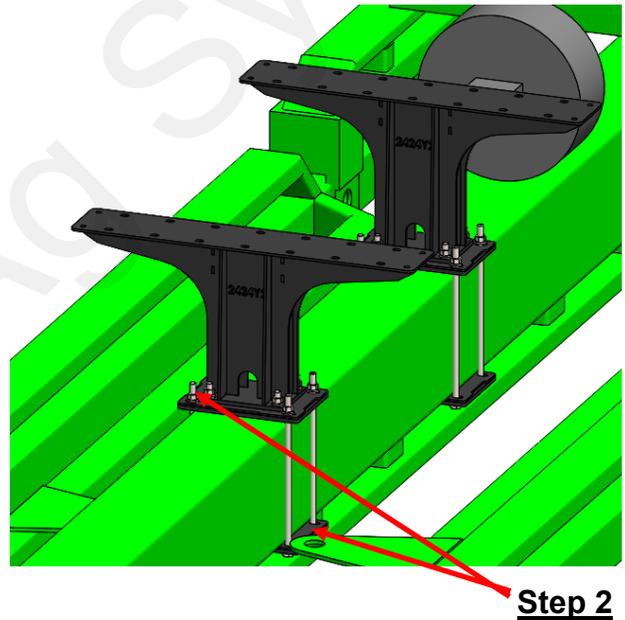
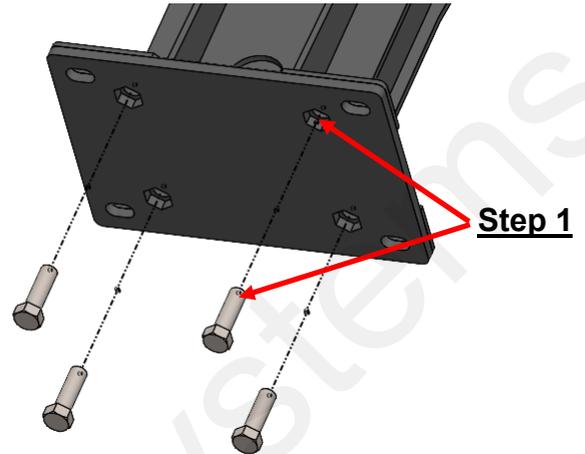
Parts List and Exploded View 530-01-450975

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------|--|------|
| 1 | 727-01-HE0750-69-OS-Y | Elliptical Tank - 750 Gal - Yellow | 1 |
| 2 | 421-2364Y1 | 750 Gallon Tank Cradle | 1 |
| 3 | 421-2424Y2 | 600/750 Gallon Tank Pedestal | 2 |
| 4 | 420-5132Y1 | Adapter Plate for 8" to 12" Hitch - 600/750 Gal Tank | 4 |
| 5 | 300-120208-5 | 3/4" x 2-1/2" Hex Head Bolt - G5 | 8 |
| 6 | 300-100108-5 | 5/8" x 1-1/2" HCS | 18 |
| 7 | 330-12 | 3/4" Flat Washer | 16 |
| 8 | 330-10 | 5/8" Flat Washer | 18 |
| 9 | 331-12 | 3/4" Lock Washer | 16 |
| 10 | 320-12 | 3/4" Nut | 16 |
| 11 | 323-10 | 5/8" Flange Nut | 18 |
| 12 | 300-122000-8 | 3/4"-10 x 20" G8 | 8 |
| 13 | 525-750 | 3" Tank Strap Kit | 3 |



Step by Step Instructions

1. Bolt the tank adapter plates (420-5132Y1) to the tank pedestals (421-2424Y1) using the 3/4" X 2-1/2" bolts, flat and lock washers, and nuts. Tighten them down before moving on to the next step.
2. Loosely bolt the pedestals to the hitch using the other tank adapter plates as backer plates, 3/4" x 20" bolts, flat and lock washers, and nuts in the configuration shown.
3. Place the tank cradle on top of the pedestals and loosely bolt them together using the provided 5/8" hardware.
4. Place the tank in the cradle. Line the tank strap grooves up with the hole pattern in the cradle. Tighten the tank down to the cradle using the tank strap kits. Be sure that the tank has proper clearance from the CCS fan.
5. Tighten down cradle hardware. Tighten down 3/4" X 20" bolts.
6. Tighten the tank straps once again after the first filling.
7. Vacuum Gauge extension bracket, see optional instructions on page 6.





Optional Vacuum Gauge Bracket Installation Instructions

The CCS vacuum gauge must be moved so it can be seen with the tank installed.

Instructions:

1. Remove gauge from current mount (easiest before tank is installed)
2. Mount 422-2678Y1 gauge bracket to tank cradle using 3/8" bolts and flange nuts.
3. Extend vacuum hose to new gauge location using 1/4" hose mender and 3/8" OD poly tubing, Part Number 521-00-100255.
4. Mount vacuum gauge to new bracket using existing hardware.

