

John Deere Air Seeder Liquid Fertilizer Kit

Installation Instructions



These instructions are for the standard liquid fertilizer kit installation on a John Deere Air Seeder. The contents of some kits may vary slightly due to custom requests in certain applications.

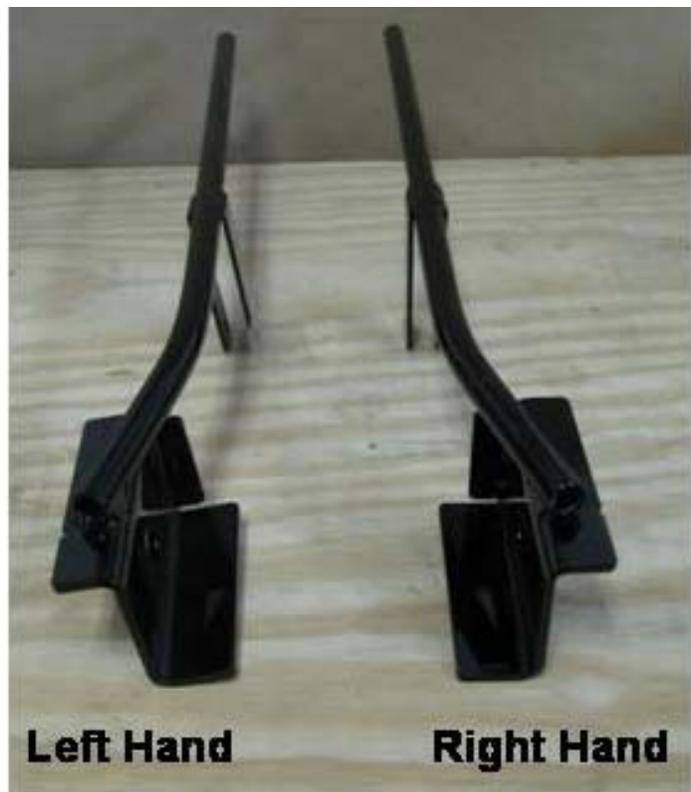
Section A. Prepare The Fin with fertilizer tubing

1. Cut one 44" long piece of black 1/4" tubing for each Fin to be installed.
2. Press one piece of tubing into the 3 holes and track cut on the back side of each fin. The fin with tubing should look like the picture shown at right.

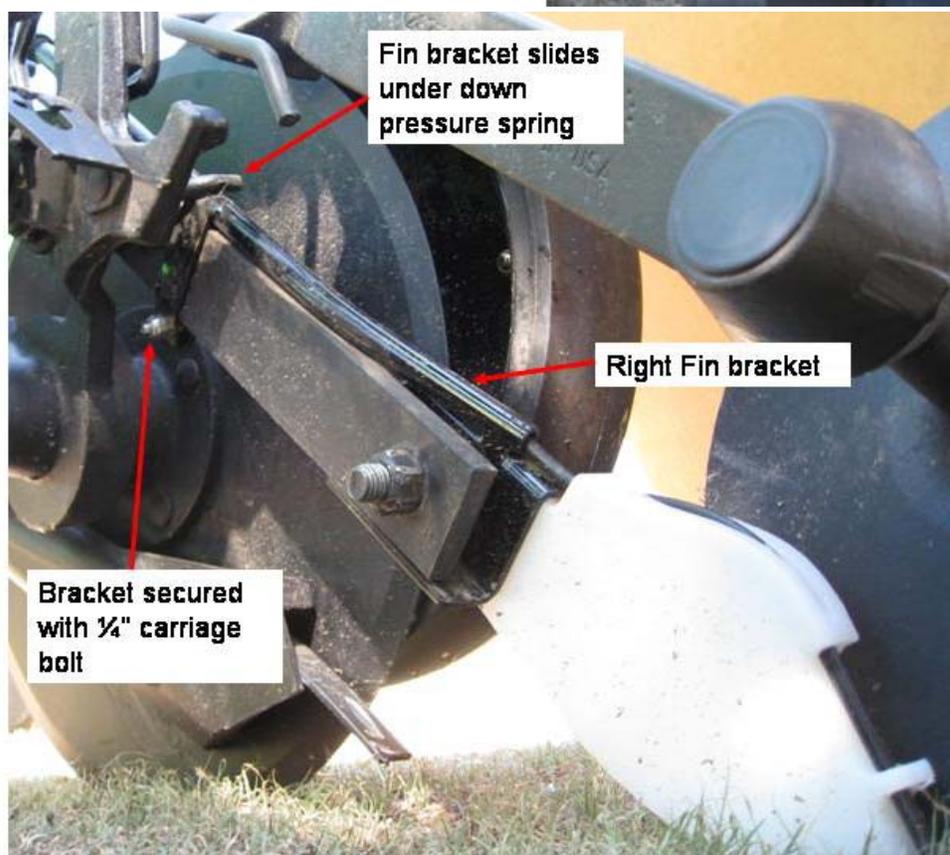
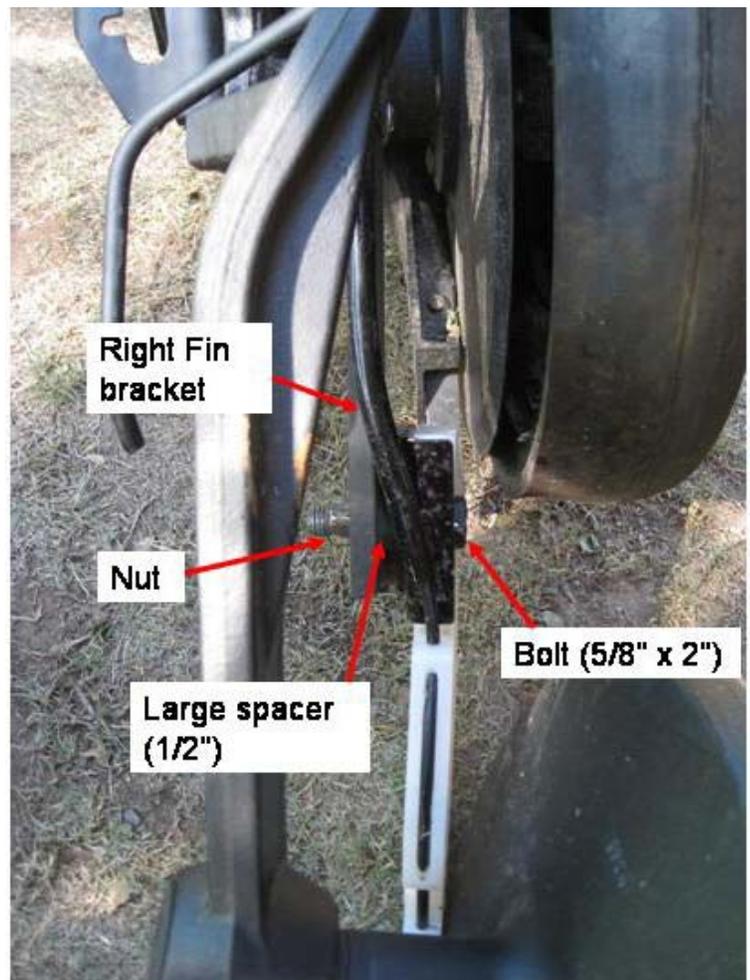


Section B. Install The Fin on the Air Seeder

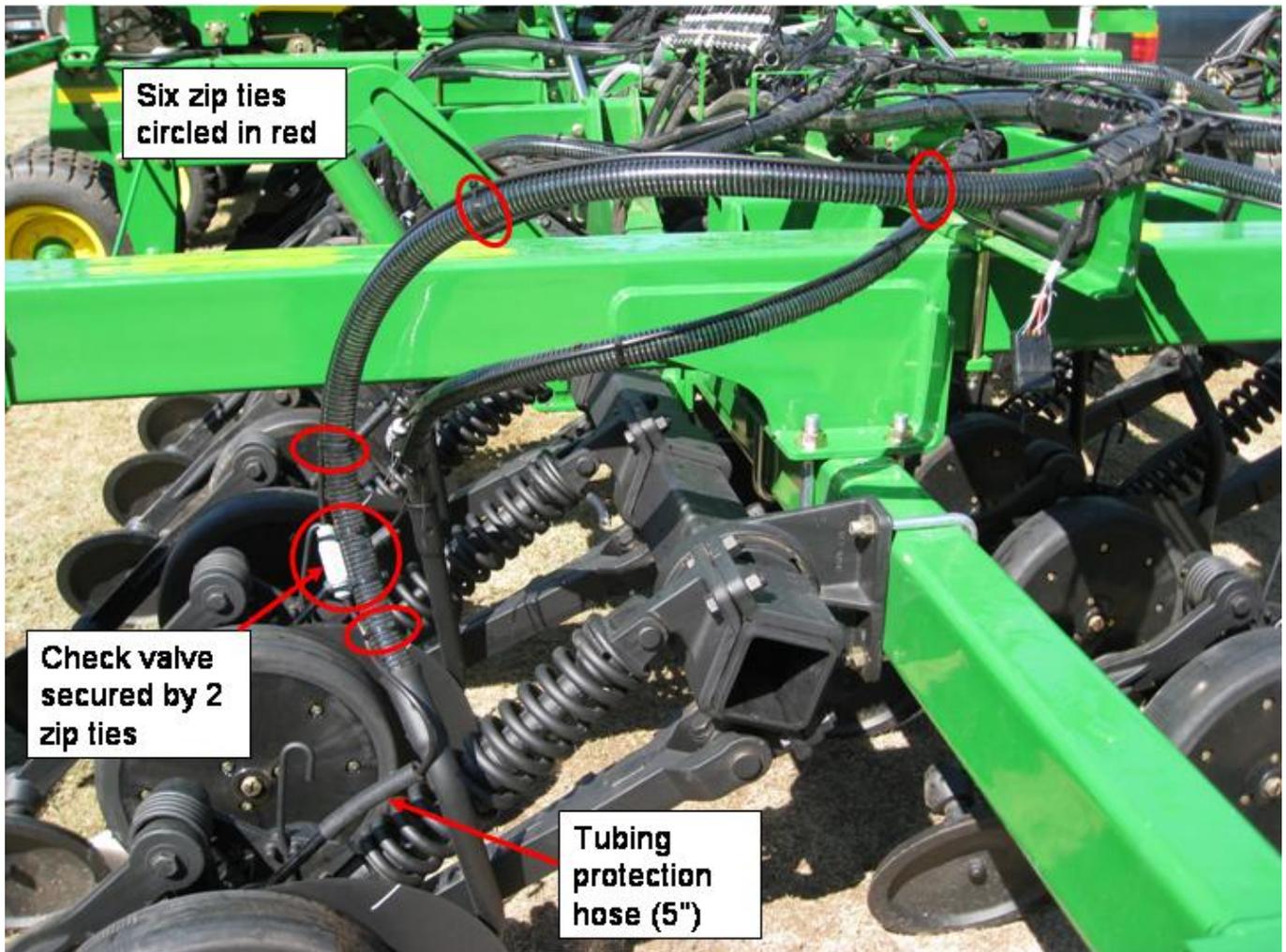
1. Remove the in furrow seed firming wheel. The bolt, nut, and large spacer will be reused for Fin attachment.
2. The Fin has a left and right hand version, shown in the picture to the right. Right hand version will be used on the right half of the drill and vice versa.



3. Install the Fin bracket on the arm that previously mounted the seed firming wheel. All pictures are illustrating the right hand fin bracket. The left hand fin bracket installation is a mirror image of what is shown. Slide the arm into place.
4. Slide the Fin with tubing into the steel tube of the Fin bracket.
5. Insert the bolt (reused from seed firming wheel) as shown in the picture above. The large spacer is also reused. The smaller spacers / washers are discarded. Torque the bolt until the bolt head presses into the plastic slightly.
6. Insert the 1/4" carriage bolt through the tabs on the Fin bracket to hold the upper part of the bracket to the arm.



7. Push the tubing protection hose on the top of the Fin bracket steel tube $\frac{1}{2}$ " to $\frac{3}{4}$ ".
8. Install the check valve by pushing it into the tubing from the Fin.



9. At this point, we recommend you install the fertilizer manifold system, then proceed with step 10.
10. Run $\frac{1}{4}$ " tubing from the manifold to the check valve, generally following the seed distribution hoses.
11. Tie the $\frac{1}{4}$ " tubing and check valve to the seed delivery hose as shown in the picture above. We strongly recommend a minimum of 6 zip ties as shown, to prevent crop residue damaging the fertilizer tubes.