

Parts List and Tool List

Your package should contain the following components:

1 of Toolbar Assembly with 2 wheel arms

1 of Steel Wheel with bronze bushing installed

2 of Steel Dust Caps (For wheel assembly)

3 of Cultivator Teeth

2 of Solid Wood Handles

1 of Tapered Dowel Rod

* Deluxe PLUS version only: 2 of 8" Sweeps (numbered S-100 and S-101)

Fasteners:

1 of 3/8"X2-1/4" shoulder bolt + washer and 5/16" nylon lock nut. (Wheel Assembly)

4 of 1/4"x1-1/2" carriage head bolts + flat washers, lock washers and 1/4" nuts (Handle Assembly)

2 of wood screws (Handle Assembly)

3 of 3/8"x2" carriage head bolts + Flange nuts. (Cultivator Teeth)

* Deluxe version only:

2 of 3/8"x1-1/4" square head bolts + Flange nuts (Weeding Blades)

Tools Required : (Tools Not Included)

1 of 3/16" Allen wrench

1 of 7/16" wrench

1 of 1/2" wrench

1 of 9/16" wrench

1 of Phillips Screw Driver

Wheel Assembly Instructions



Mounting the wheel to the wheel arms:

Components Required:

- 2 of Steel dust caps
- 1 of wheel (Bearing is factory installed)
- 1 of 3/8"x2-1/4" shoulder bolt
- 1 of 5/16" nylon lock nut
- 1 of flat washer

Prior to attaching wheel: Set the wheel hoe frame on a flat surface and insert the shoulder bolt through the wheel arms. Visually inspect that the shoulder bolt is parallel to the flat surface. If not, loosen the adjustment bolts on the higher arm and lower it until the bolt is parallel. Re-tighten arm bolts.



(Tape added to hub for photograph clarity)

Assembly:

- 1) Fit a dust cap over both bearing hubs.
- 2) Slide wheel into place between wheel arms
- 3) Place 3/8" shoulder bolt through wheel arms and hub
- 4) Install 5/16" nylon lock nut.
- 5) Tighten nut completely.
- 6) Check to see if wheel turns freely. If yes, stop.
- 7) If no, loosen nut slightly until wheel turns freely.

Cultivator Teeth (Tines) Assembly

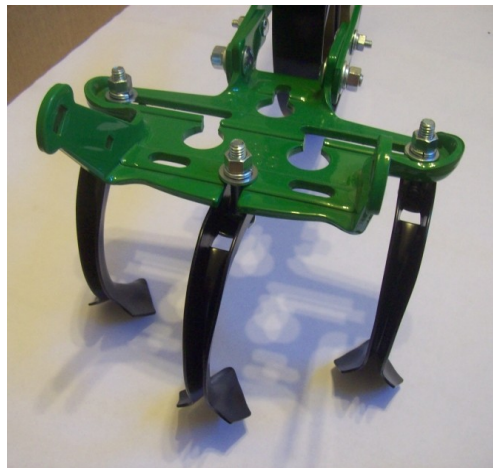
Components Required:

3 of Cultivator Teeth

3 of 3/8"x2" carriage head bolts

3 of Flange Nut

(Note that washers and nuts in the picture are no longer accurate)



Assembly

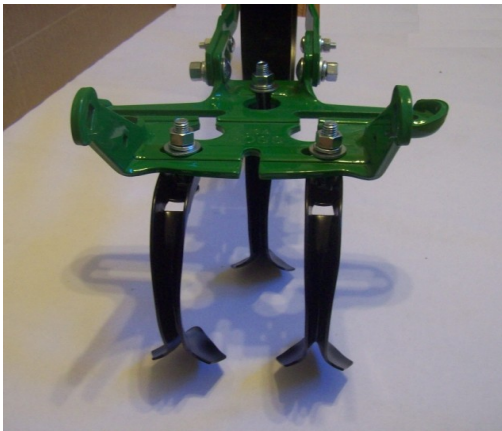
Place 3/8"x2" carriage head bolt from bottom up through the front hole of cultivator tooth and into the desired slot on the tool bar.

Adjust to the desired position and secure using the Flange nuts. Tighten with a 9/16" wrench.

Do not over-tighten. The cultivator teeth positions will be changed occasionally so it is important not to damage the fasteners.

Widest position of cultivators (wheel arm in highest position* to level cultivator bottoms)

*Wheel arms height is changed by loosening the two bolts that attach each arm to the frame (4 in total) and pivoting the arms up or down to the desired position. Re-tighten all four bolts, beginning with the 1/4" bolts.



Narrowest position of cultivators (wheel arm in lowest position* to level cultivator bottoms)

Wooden Handle Assembly



Components Required:

2 of Wood Handles

1 of tapered Wood Dowel

2 of wood screws

4 of 1/4" x 1-1/2" "carriage head bolts + fender washers, lock washers, and nuts.

ASSEMBLY



- 1) Position handles to the outside of each toolbar handle mounting tab using the bottom 2 holes in each handle. (Logo should be facing outward on each handle)
- 2) Place 1/4" x 1-1/2" carriage head bolts through toolbar handle mounting tab, and out through the handle.
- 3) Fasten using the fender washer, then the lock washer, and then the 1/4" nut. Tilt each handle down to it's lowest position and tighten all four nuts.
- 4) Place the tapered Wood Dowel into the holes between the handles (Slight tightness is

common when installing the tapered Wood Dowel. A twisting motion will help seat the dowel into the holes. Both sides should bottom out against tapered dowel's shoulders)

- 5) Insert a wood screw into the pilot holes in each of the handles at the location shown in the picture.
- 6) Tighten both sides down snug with a Philips screwdriver, this secures the tapered Wood Dowel.
- 7) If the handles position is too low for comfortable operation, loosen all four nuts and tilt both handles up equally at the same time. Re-tighten all four nuts.

Weeding Blade (Sweeps) Assembly

- Weed large open garden areas that have not yet been planted (seedbeds)
- Weed the garden paths between beds or rows of plants
- Weed right next to rows of seedlings or plants. (one side at a time, or both sides at once)

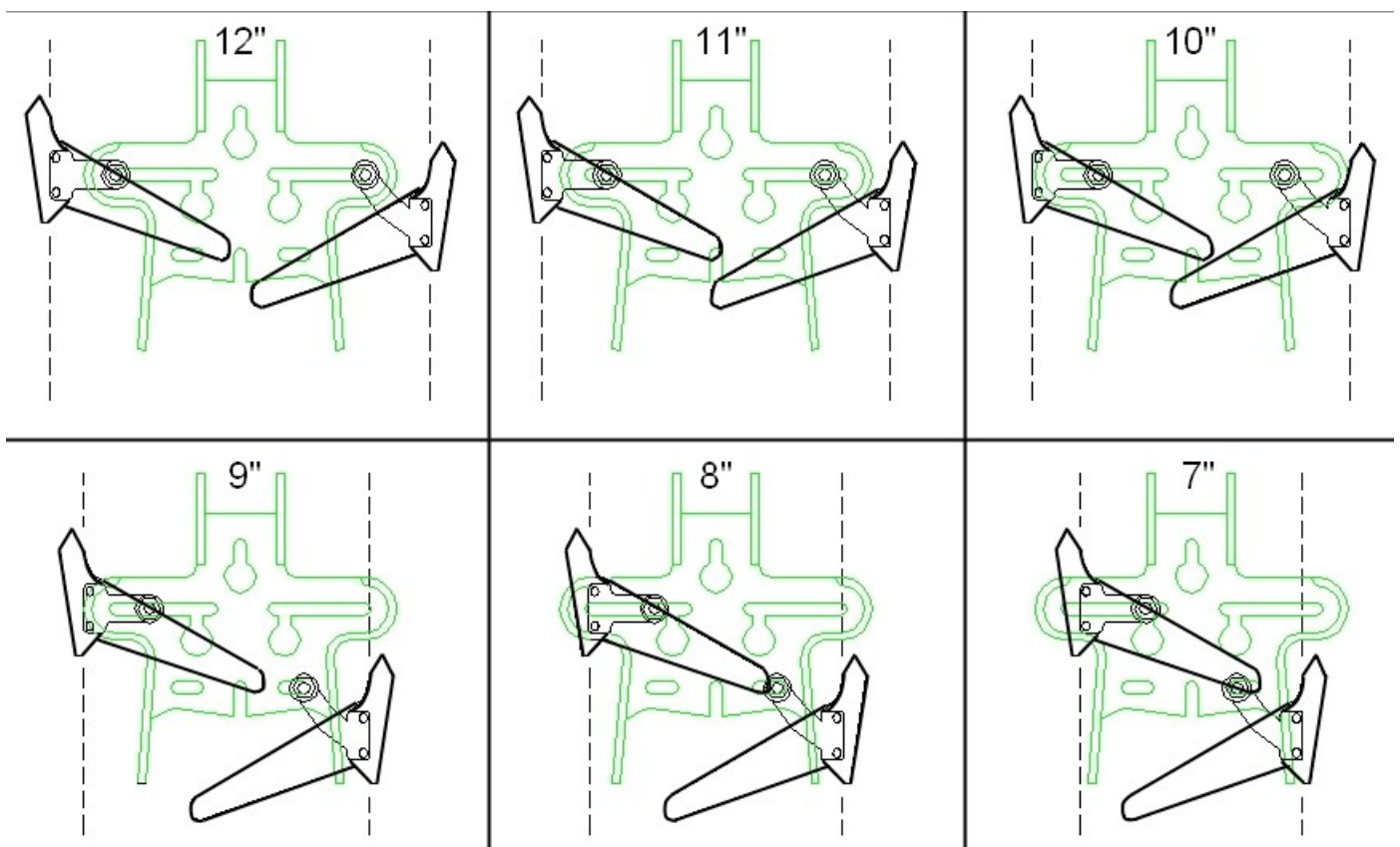
Components Required:

1 each of Weeding Blades S100 and S101 (#'s on cast arms between the rivets)

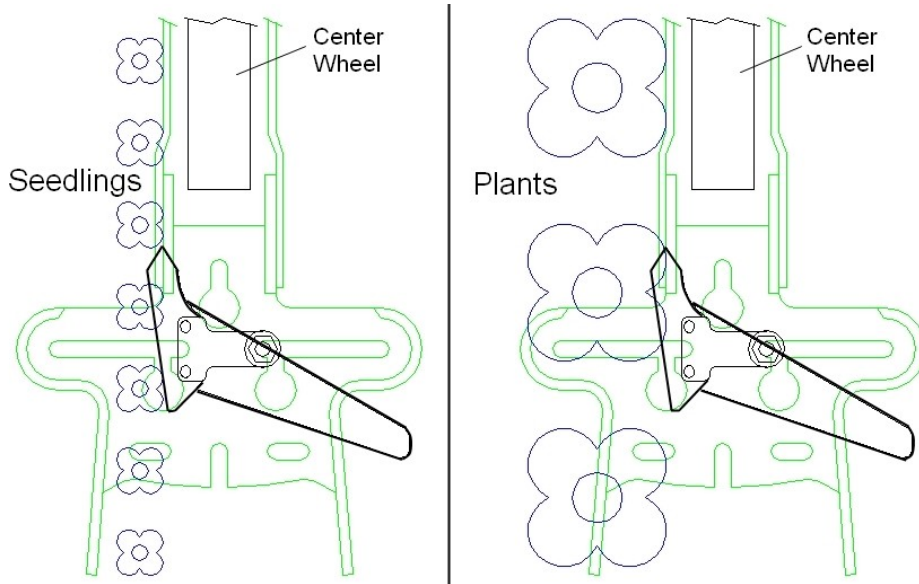
2 of 3/8"x1-1/4" square head bolts + Flange Nuts

Path or Seedbed Weeding Options:

Position the weeding blades as shown below for various widths of cut. Move the front wheel up or down to make the blades nearly parallel to the ground. **Select a cutting width that is narrow enough to let you push the wheel hoe at a steady pace.** When weeding wide paths, select a width just over half of the path width and make two passes to weed each pathway.



Row Weeding Options (Centered Wheel):



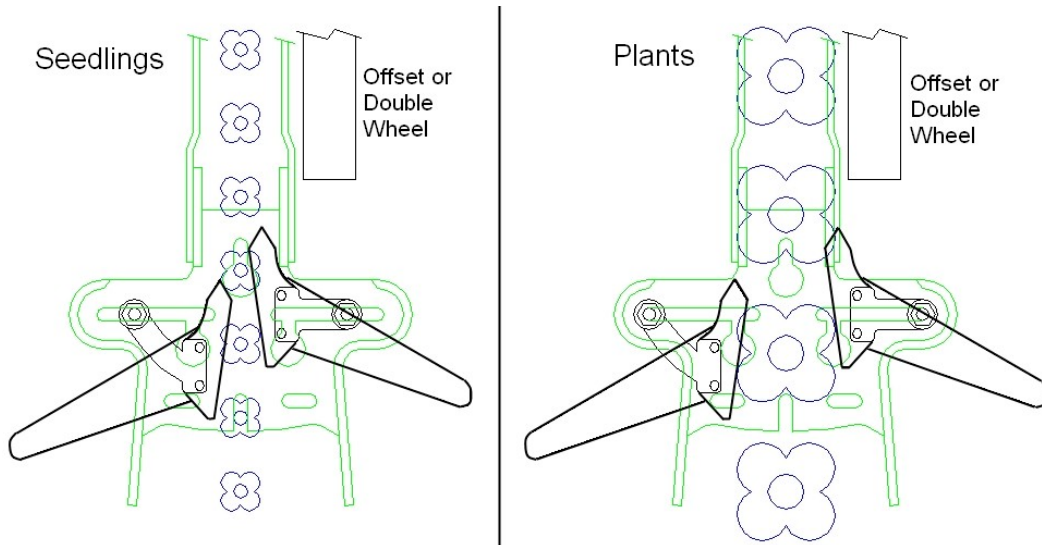
To weed next to plants:

With a centered wheel you can only weed ONE side of the row at a time.

Attach a single weeding blade as shown and work up one side of the plant row, then turn around and work down the other side.

The elevated tip of the weeding blade SHOULD brush the plants. The sharp section of the blade (which contacts the soil) is 1" back from the tip to avoid leaf or root damage.

Row Weeding Options (Offset or Double Wheel):



Cut your weeding time in half!

Using the offset or double wheel option lets you weed both sides of a row of plants at the same time.

As stated in the single wheel instructions above, the elevated tips of the weeding blades SHOULD brush the plants.

HOSS Tools Return Policy

100% Satisfaction guarantee

- Will pay for all standard shipping costs, charge no restocking fee and accept all returned items when the return is a result of our error.
- Require proof of purchase
- You must call for a return authorization prior to returning any product. Items received without authorization will not be accepted.
- Any item missing from the order must be reported to the company within 5 days of receipt.
- After purchase, parts found to be a mismatch for the application are eligible for credit

Lost or Disputed Deliveries

Lost items during shipping will be handled through a claim in accordance with the shipper's policy. Packages reported as delivered by the shipping company that are being disputed as such by the recipient will be treated as a dispute between the shipping company and the recipient and we will only reshipe in cases in which we are compensated by the shipping company.

One Year Warranty

Parts found to be defective in design or workmanship within one year from date of purchase is covered under warranty. We encourage your feedback in these areas at any time.

What is Covered - This warranty covers any defects in materials or workmanship, with the exceptions stated below.

How Long Coverage Lasts - This warranty runs for one year from the date of purchase.

What is not covered - This warranty does not cover discoloration caused by exposure to sunlight or chemicals

What We Will Do - Hoss Tools will repair any item that proves to be defective in materials or workmanship. In the event repair is not possible, Hoss Tools will either replace your item with new item of similar composition and price, or refund the full purchase price of your item, whichever you prefer.

How To Get Service – First contact Easy Digging at 573-256-1858

* If needed, you can also contact HOSS Tools at 229-769-3999 or www.hosstools.com. A representative will take any necessary action to correct problems covered by this warranty.