

Hoss Seeder Instructions

Feb. 2012 version

Parts List

(see the Exploded Drawings on page 5 for individual components)

The following parts are included in your standard Hoss Seeder package:

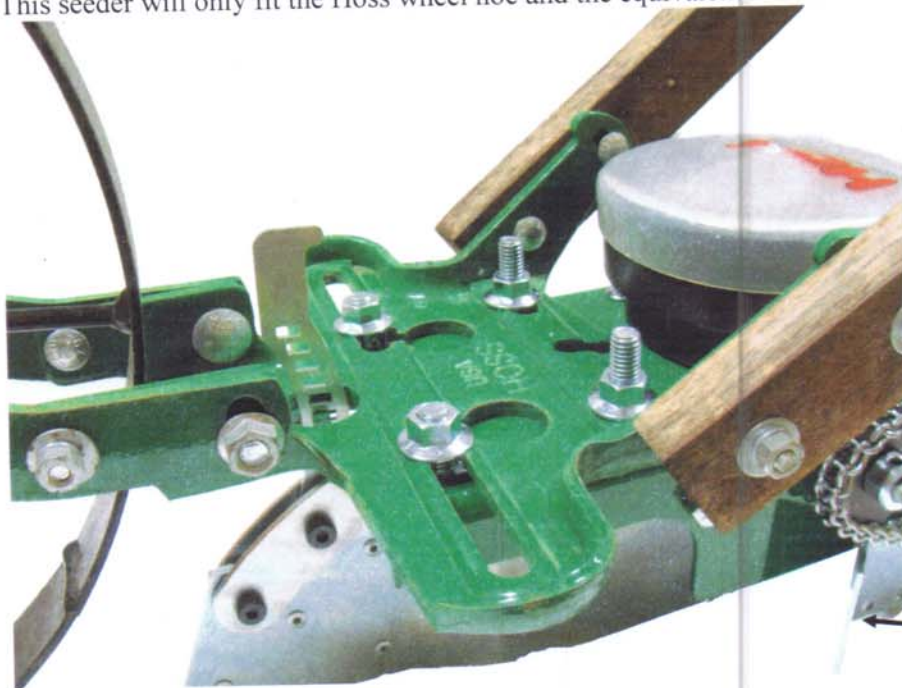
- 1 Seeder Attachment with 6 Seed Plates (Numbers 1 through 6)
- 2 of 1" long 3/8-16 Carriage Bolts
- 2 of 1-1/2" long 3/8-16 Carriage Bolts
- 4 of 3/8-16 Flange Nuts

The following are included in the optional Row Marker kit:

- 1 Row Marker assembly
- 2 of 3/8-16 Flange Nuts

Attach the seeder to your wheel hoe

This seeder will only fit the Hoss wheel hoe and the equivalent Planet Jr wheel hoe.



Not needed in
sandy/loam
soil.

- Step 1:** Set the Planting Depth level to the 1/4" position (as shown in photo)
- Step 2:** Position the wheel hoe onto the Seeder as shown.
- Step 3:** Insert one carriage bolt from the underside, and lightly fasten with a flange nut.
- Step 4:** Shift the wheel hoe until it is centered on the Seeder. Insert the remaining 3 carriage bolts and lightly fasten with the flange nuts.
- Step 5:** Snug all 4 nuts. Do not over-torque.

Set the planting depth

The Hoss seeder can plant seeds from 1/4" to 1.5" deep in 1/4" increments. The depth is set using the Latch at the front of the seeder (see photo above). The Latch has six holes to provide the following planting depth options: 1/4", 1/2", 3/4", 1", 1.25", and 1.5"

To change the planting depth just tilt the attached seeder back on the rear compactor wheel (this lifts the wheel hoe's front wheel off the ground) and then move the latch to the desired position.

Select a Seed Plate

Use the chart below to select the Seed Plate* that matches your needs.

* Seed plates 1 through 6 are supplied with every Hoss Seeder. Seed plates 7 through 10 are available as optional accessories.

Seed Plate #	Seed Type	Spacing Options*
1	Broccoli, Cauliflower, Cabbage, Turnips, Mustard, Rutabaga, fine seeds	<u>8 hole = 2 3/8"</u> <u>4 hole = 4 3/4"</u> <u>2 hole = 9 1/2"</u>
2	Carrots, Lettuce	<u>6 hole = 3 1/8"</u> <u>3 hole = 6 1/4"</u> <u>2 hole = 9 1/2"</u>
3	Okra, Beets, Chard	<u>6 hole = 3 1/8"</u> <u>3 hole = 6 1/4"</u> <u>2 hole = 9 1/2"</u>
4	Sweet Corn, Popcorn	<u>4 holes = 4 3/4"</u> <u>2 holes = 9 1/2"</u>
5	Small Beans & Peas	<u>6 hole = 3 1/8"</u> <u>3 hole = 6 1/4"</u> <u>2 hole = 9 1/2"</u>
6	Medium Beans & Peas, Field Corn	<u>4 holes = 4 3/4"</u> <u>2 holes = 9 1/2"</u>
7	Radish, Leek, Asparagus, Spinach, other medium seeds	<u>6 hole = 3 1/8"</u> <u>3 hole = 6 1/4"</u> <u>2 hole = 9 1/2"</u>
8	Cucumber, Watermelon	<u>2 holes = 9 1/2"</u> <u>1 hole = 19"</u>
9	Large Beans, Butter & Lima Beans	<u>2 holes = 9 1/2"</u> <u>1 hole = 19"</u>
10	Squash, Pumpkin	<u>1 hole = 19"</u>

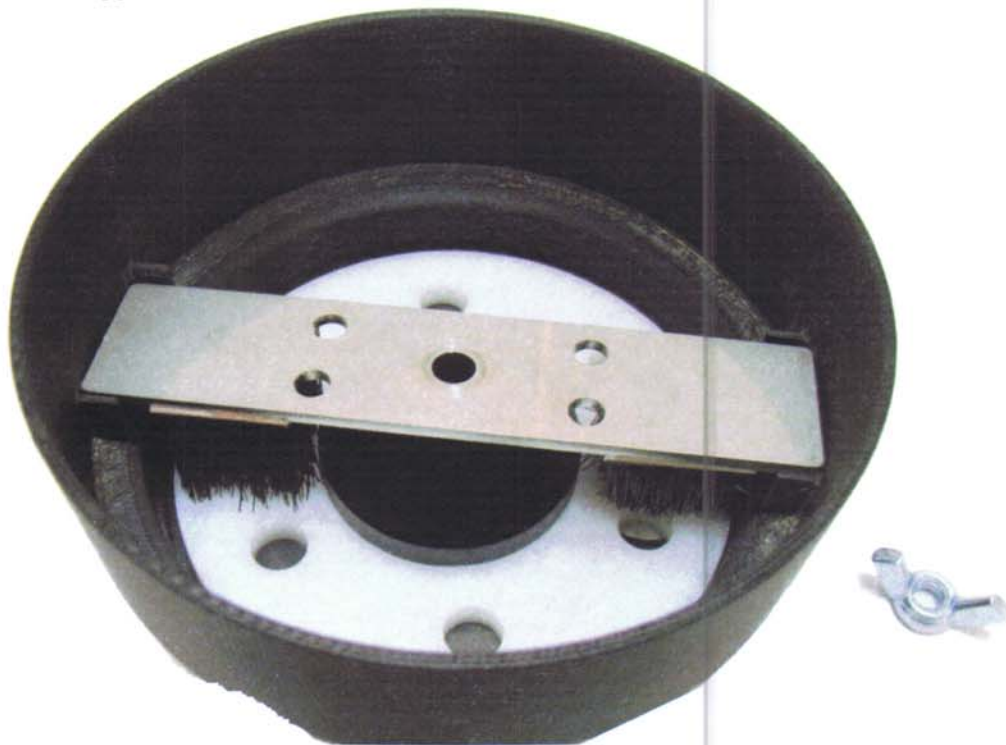
*See note on the next page to learn how to change the Spacing Options hole count. Seed size can vary with different varieties; some varieties will need to use 1 size bigger seed plate. Example: sweet corn (silverqueen) may use field corn plate.

Spacing Options: The underlined hole count and spacing dimension is achieved by using all the holes in the seed plate. The italicized hole counts (and therefore wider spacing) are achieved by taping off the extra holes. This is best done by applying small pieces of masking tape the **BOTTOM** of the seed. (Putting the tape on top would let the brush peel the tape off)

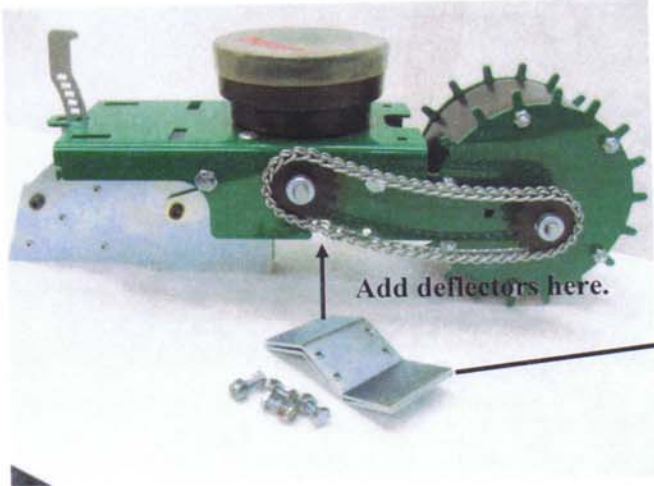
Custom seed plates and Templates are available at www.hosstools.com

To Fill and Empty the Hopper

The seed hopper can easily be removed from the seeder for changing the seed plates.



- Step 1:** Remove the wing nut from the center of the Hopper.
- Step 2:** Lift the Hopper and all of its contents (seeds, brush, cone, seed plate) up.
- Step 3:** While holding down on the brush with your thumb, dump the remaining seeds.
- Step 4:** Remove parts from inside the hopper and switch to a new seed plate.
- Step 5:** Replace the Hopper and all its parts onto the Seeder. Lightly snug the wing nut.
Add new seeds.



Deflectors can be added if needed for clay or hard soil types.

Not needed in sandy/loam soils.

Seeder Maintenance

The Hoss Seeder is a rugged tool that is easy to care for. Following these few maintenance steps will keep it running smoothly for a long time.

End of Season maintenance:

- Remove all seeds from the hopper, and wipe it clean
- Spray a small shot of WD-40 into each axle bushing. This is best done along the flat side of the axle from the underside of the machine.
- Spray the drive chain and the furrower's two pivot bolts with WD-40
- Rotate the compactor wheel a few times to distribute the lubricant.

Beginning of Season maintenance:

- Repeat the same three lubricating steps listed above
- Check that all bolts and the shaft collars are fastened snugly

Repair and Replacement Parts

Use the exploded diagram on the next page to identify and order replacement parts.

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 – 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.

**Hoss
Seeder
Additional
Plates**



**Hoss
Seeder
Blank
Templates**



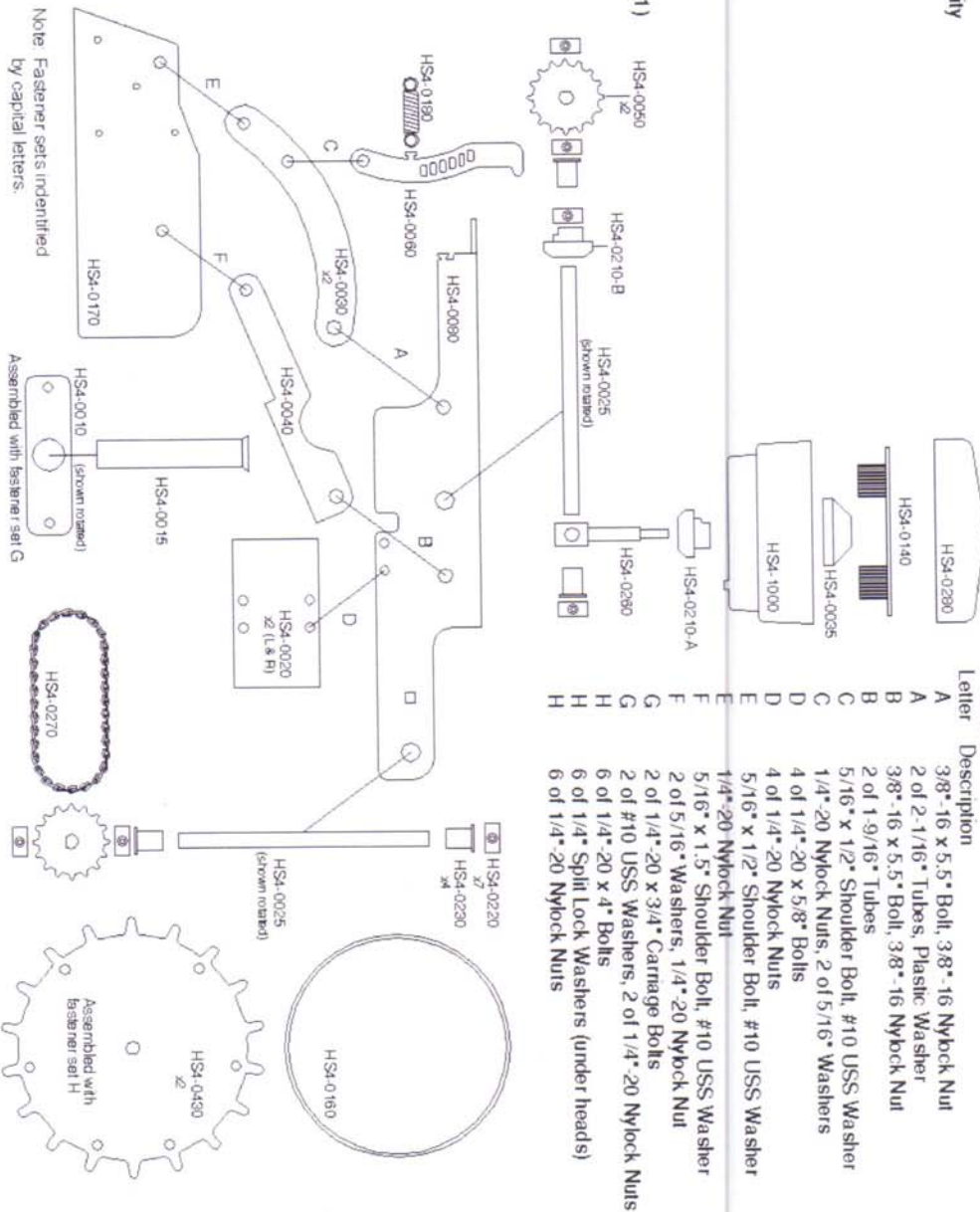
More Hoss Tool Options available at:
WoodwardCrossingsCountryBasics.com
814-349-4484



Seeder Parts:

Number	Description and Quantity
HS4-0010	Tube Bracket (1)
HS4-0015	Tube Tube (1)
HS4-0020	Deflector (2)
HS4-0025	Axle (2)
HS4-0030	Front Arm (2)
HS4-0035	Center Cone (1)
HS4-0040	Rear Arm (1)
HS4-0050	Sprocket (2)
HS4-0060	Latch (1)
HS4-0080	Frame (1)
HS4-0140	Brush Assembly (1)
HS4-0160	Wheel Tube (1)
HS4-0170	Furrower Assembly (1)
HS4-0180	Spring (1)
HS4-0210-A	Gear A (1)
HS4-0210-B	Gear B (1)
HS4-0220	Shaft Collar (7)
HS4-0230	Bushing (4)
HS4-0260	Gear Aligner (1)
HS4-0270	Chain (1)
HS4-0280	Cover (1)
HS4-0430	Wheel Sides (2)
HS4-1000	Hopper (1)

Fastener sets identified by capital letters.



Fastener Sets:

Letter	Description
A	3/8" - 16 x 5.5" Bolt, 3/8" - 16 Nylock Nut
B	2 of 2-1/16" Tubes, Plastic Washer
B	3/8" - 16 x 5.5" Bolt, 3/8" - 16 Nylock Nut
C	2 of 1.9/16" Tubes
C	5/16" x 1/2" Shoulder Bolt, #10 USS Washer
D	1/4"-20 Nylock Nuts, 2 of 5/16" Washers
D	4 of 1/4"-20 x 5/8" Bolts
D	5/16" x 1/2" Shoulder Bolt, #10 USS Washer
E	1/4"-20 Nylock Nut
F	5/16" x 1.5" Shoulder Bolt, #10 USS Washer
F	2 of 5/16" Washers, 1/4"-20 Nylock Nut
G	2 of 1/4"-20 x 3/4" Cargage Bolts
G	2 of #10 USS Washers, 2 of 1/4"-20 Nylock Nuts
H	6 of 1/4"-20 x 4" Bolts
H	6 of 1/4" Split Lock Washers (under heads)
H	6 of 1/4"-20 Nylock Nuts