

## SINGLE WHEEL HOE

### TOOLS REQUIRED

- 3/16" Allen Wrench
- 7/16" Wrench
- 1/2" Wrench
- 9/16" Wrench
- Phillips Head Screwdriver

### PARTS LIST

- Toolbar Assembly
- Attached Wheel Arms
- 15" Steel Wheel
- Wooden Handles
- Tapered Dowel Rod
- 3 Cultivator Teeth

### HARDWARE PACKAGE

- (1) 3/8" x 2 3/4" Shoulder Bolt
- (1) Nylon Lock Nut
- (2) Steel Dust Caps
- (4) 1/4" x 1 3/4" Carriage Head Bolts
- (4) 1/4" Flat Washers
- (4) 1/4" Lock Washers
- (4) 1/4" Nuts
- (3) 3/8" x 2" Carriage Head Bolts
- (3) 3/8" Flanged Nuts
- (2) 1" Wood Screws



ALL HARDWARE  
IS FOUND IN THE  
CULTIVATOR TEETH  
PACKAGING



## MOUNTING STEEL WHEEL TO WHEEL ARMS

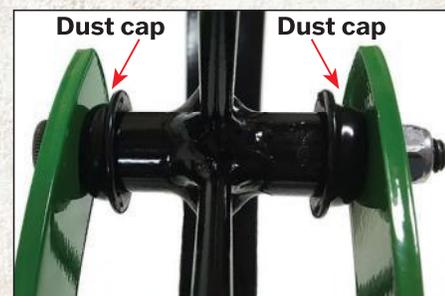
### MATERIALS REQUIRED

- (1) 15" Steel Wheel
- (2) Steel Dust Caps
- (1) 3/8" x 2 3/4" Shoulder Bolt
- (1) Nylon Lock Nut



### INSTALLATION INSTRUCTIONS

- Place dust caps onto each side of the wheel hub.
- Slide wheel into place between wheel arms.
- Place 3/8" x 2 3/4" shoulder bolt through wheel arms and hub.
- Install nylon lock nut.
- Tighten lock nut with 1/2" wrench and 3/16" Allen wrench until the nut bottoms out on the shoulder bolt. Loosen nut slightly so that wheel turns freely.



## HANDLE CARE & INSTALLATION

To maintain your wheel hoe for years to come, we highly recommend the HOSS Wheel Hoe Success Kit on the [www.hosstools.com](http://www.hosstools.com) website. The kit has everything you need to maintain your Wheel Hoe, change attachments and keep your blades sharpened. The kit includes Boiled Linseed Oil for conditioning and protecting your Wheel Hoe handles, a 9/16" wrench for changing Wheel Hoe attachments, a Farmers File for sharpening attachments, and a medium grit Sanding Block for polishing and smoothing any rough spots that may develop.



### INSTALLING YOUR HANDLES

- Handles can be installed either before or after wheel hoe assembly. Prior to installation, using a soft cloth, apply a generous coating of boiled linseed oil (not included) to the handles to protect and seal the wood and allow to fully dry.
- Position handles to the outside of each handle mount.
- Place four 1/4" x 1 3/4" carriage head bolts through holes in handle mount
- Fasten a 1/4" flat washer, then 1/4" lock washer and 1/4" nut.
- Adjust handle to desired height using the slotted groove at top of handle mount. Secure handle position by tightening nuts with a 7/16" wrench.
- Add a small amount of wood glue (not included) into the mortises on the inside of each handle at the location where the tapered dowel rod will fit. Place the tapered dowel rod between handles at the mortised location. A twisting motion will help seat the dowel rod into the holes. Both sides should bottom out against tapered dowel shoulder.
- Insert 1" wood screws into the pilot holes in the handles at the tapered dowel rod location and tighten with a Phillips head screwdriver.

*Note: The right handle is the one with the hardware package attached.*



### ADJUSTING HANDLE HEIGHT

Our handles are easily adjustable via the top bolt that attaches the handles. Handle height is a matter of personal preference. Some people prefer the handles closer to their hips because they drive with their legs, while others prefer the handles closer to their chest because they push more with their arms. Do whatever feels comfortable for you.

**To adjust the handles, slightly loosen the nut on the top carriage bolt and move the handles to the desired location. Tighten the nut to secure the handles in the desired position.**

#### DISTANCE FROM THE GROUND TO THE TOP OF THE HANDLES

##### Lowest Position

- Single Wheel Hoe - 38 in.
- Double Wheel Hoe - 38 in.
- High Arch Wheel Hoe - 31 in.

##### Highest Position

- Single Wheel Hoe - 45 in.
- Double Wheel Hoe - 45 in.
- High Arch Wheel Hoe - 51 in.

