

The Cultivator Toolholder, can be used to hold a variety of cultivating tools. The most common set-up of cultivating tools in the Toolholder is shown in Figure 1.

In addition, the Cultivator Toolholder is used to hold the 36-inch Scraper Blade.

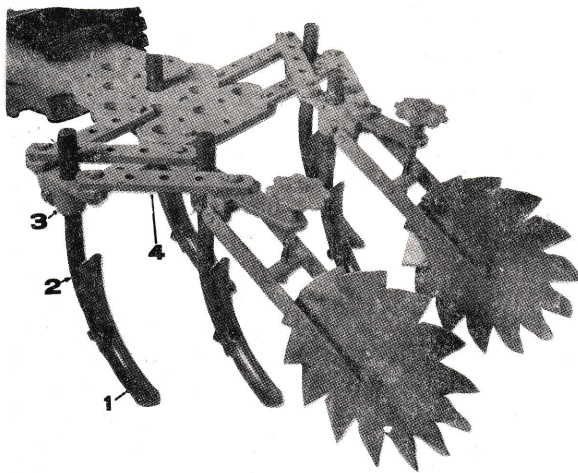


Figure 1

#### LUBRICATION:

No lubrication is required.

#### ATTACHING:

**Attaching to Tractor:** The Toolholder is attached to the front of the Tractor the same as power attachments. The PTO or Attachment Clutch Control should be at the OUT position.

**Attaching Tools to Toolholder:** The individual cultivating tool (1 in Figure 1) is attached to a Shank, (2 in Figure 1), which in turn is attached to the Toolholder (3 in Figure 1).

The Toolholder is equipped with five Shank Holders. These may be moved to different positions on the Toolholder, if desired, although this is seldom necessary. Additional Shank Holders may be purchased from your Gravelly Dealer.

To attach a tool to its Shank, simply bolt it in place with the Nut and Bolt provided.

To attach the Shank to the Shank Holder, loosen the Hexagon-Head Cap Screw in the side of the Shank Holder, slip the Shank into the Shank Holder from the bottom, and lock the Shank in place at the desired position by tightening the Cap Screw.

**Changing Tools:** After the Shanks have been attached to the toolholder, changing cultivating tools requires only the unbolting of the tool from its Shank and bolting the new tool on.

**Parallel Bars:** The Parallel Bars, (4 in Figure 1) can be adjusted in several ways, depending on the task. Usually it is necessary to detach the Bars from the Depth Wheels to make these different set-ups.

Usually the Depth Wheels provide all the adjustments required. However, if required, the Shanks can be moved up or down in the Shank Holders for additional adjustments.

**Five-Steel Set-Up** is the standard arrangement; 1-1/4 inch wide steels are used. (Figure 1).

Steels are available in 1-1/4, 1-3/4, and 2-1/4 inch widths.

**Six-inch Hiller Set-Up** uses right and left Hillers; these can be used for closing rows as well as for the hilling. Hillers can be used to throw dirt away from or around the plants as desired. A furrower, available in 10 or 12-inch depths, can be used with the Hillers to bring dirt from the center of the row to the Hillers, which in turn throw dirt around the plants. (Figure 2).

**Sweep and Hoe Set-Up** uses a Sweep in the center and a right and left Hoe on the sides. The Sweep comes in 8, 10, 12, and 16-inch sizes. The Sweep clears the center of weeds and trash, while the Hoes eliminate the majority of hand work close to the plants. (Figure 3).

**Furrowers** can be used to lay off rows for planting. Also, many users find the Furrowers good tools for digging potatoes. For smaller furrows, seven-inch Shovel Steels are available; these can be used to lay

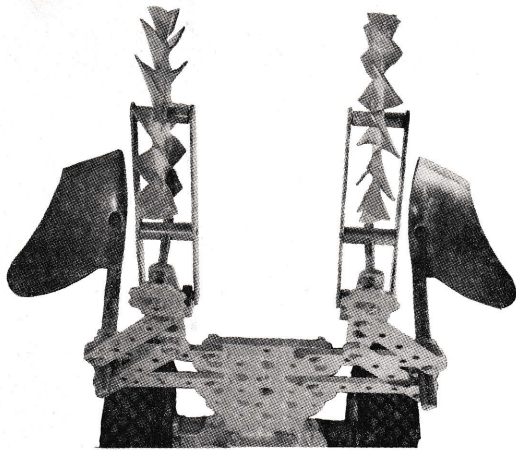


Figure 2

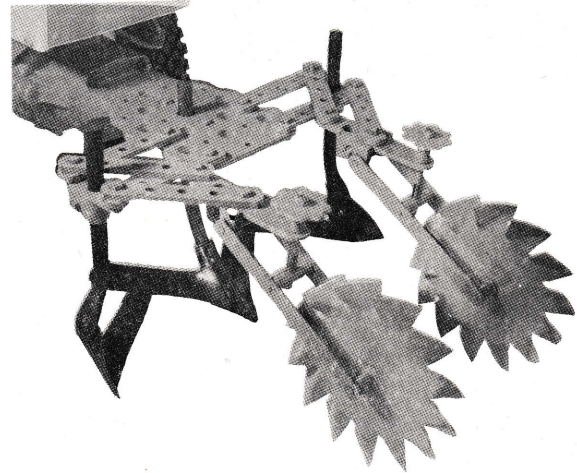


Figure 4

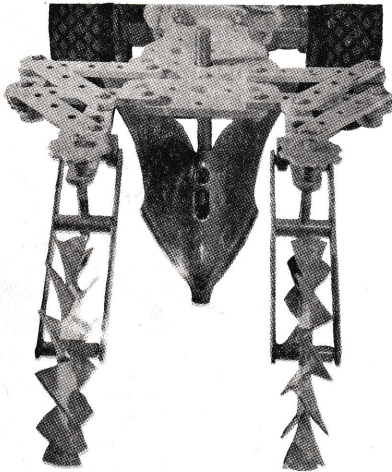


Figure 3

off small seed crops and for center row cultivation. (Figure 4).

**Adjustments:** The Depth Wheels are used to set the depth the cultivating tools penetrate the ground. Facing the Depth Wheels, turn the Handwheels clockwise for deeper cultivation and counterclockwise for shallower cultivation.

#### OPERATING HINT:

Rows should be planted enough apart to accommodate the Tractor and Toolholder. Normal distance between rows is 32 to 36 inches. Rows should be planted farther apart for plants which spread widely, unless you intend to shield the Toolholder so plants will not be damaged.

 **GRAVELY**

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