



## INSTRUCTIONS

### E8M AND E10M SET-UP

#### ASSEMBLY

1. Cut banding straps and remove the upper portions of the carton. Cut the sides of the bottom tray so the tray lays flat.

2. Remove the wheel-tire assemblies and loose boxes from carton. Also remove loose packing material in the area of the front axle. Inspect the contents of all packages.

3. Jack up rear of the tractor.

4. Remove the mower deck and rear support from below the tractor frame.

**NOTE:** Support can be partially disassembled in place for ease of removal.

5. Install the rear wheels with the extended portions of the wheels' centers toward the tractor. Align the cross-holes of the wheel centers with the corresponding holes in the axle. Insert clevis pins in the holes and secure with cotter pins. (See Figure 1.)

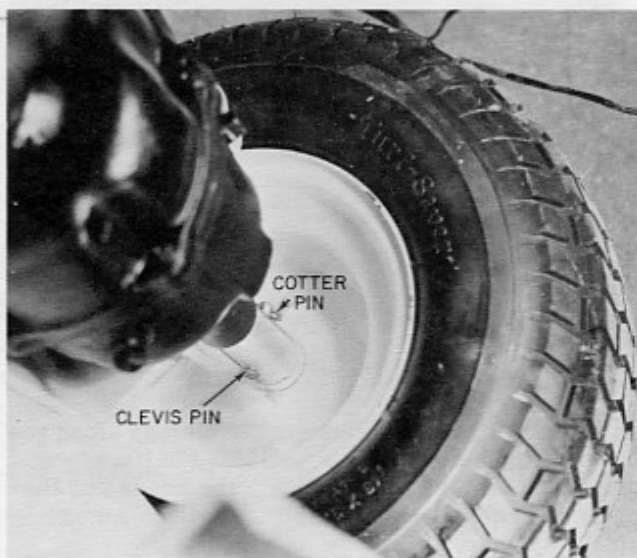


Figure 1

6. Install the woodruff key and steering arm (boss extending downward) on the lower end of the steering shaft below the frame so the boss is flush with the end of the shaft. Secure with the square-head setscrew. (See Figure 2.)

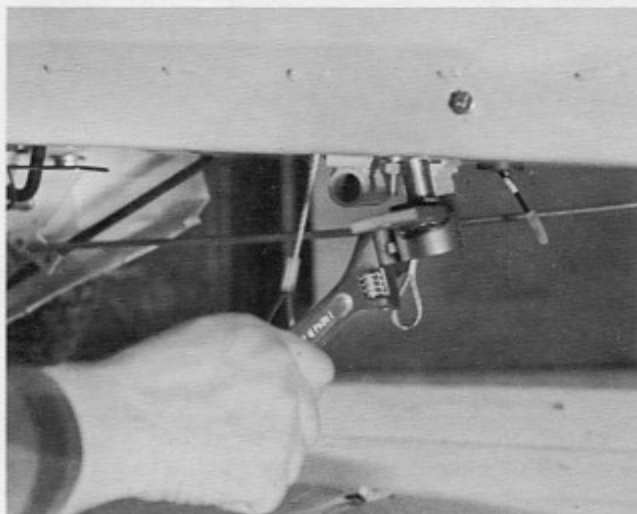


Figure 2

7. Jack up the front of the tractor, partially disassemble and remove the support, and install the front wheels. Secure each wheel to its spindle with a 3/4-inch narrow washer and Tru-Arc snap ring. Use Tru-Arc tool for snap-ring installation. Grease front axle/spindle assembly thoroughly.

8. Install the short tie rod between the steering arm tab on the lower end of the steering assembly and the Pitman arm which is attached to the right-front-wheel spindle. Install so the threaded studs of the ball joints extend down through the arm tabs. Secure with lockwashers and nuts. (See Figure 3.)

9. Install the long tie rod so the threaded studs of the ball joints extend down through the spindle tabs. Secure with lockwashers and nuts. (See Figure 3.)

10. Place the plastic sleeve over the upper end of the steering shaft with its slotted end upward and aligned with the holes in the steering

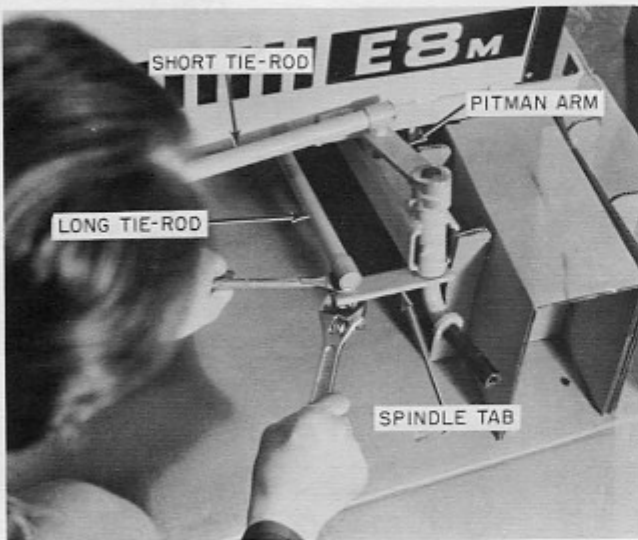


Figure 3

shaft. Place the steering wheel on the shaft so its holes align with those of the shaft. Drive the spring dowel pin in the aligned holes. Snap the monogram cap into the center of the steering wheel.

## BATTERY INSTALLATION

**CAUTION:** To insure proper tractor operation, check all batteries prior to installation for cracks, defects, polarity and electrolyte level. Avoid touching tools or cables to the tractor frame while installing and connecting batteries.

### Model E8M

#### Forward Compartment

#### USE THREE 12-VOLT BATTERIES IN THE E8M

1. Remove all loose parts from the forward battery compartment. Turn the key switch counter-clockwise to the "Off" position.
2. Place the plastic tray in the bottom of the forward battery compartment so its drain hole lines up with the drain hole in the floor of the compartment.
3. Unfold the poly bag and place it in the tray so the bag's bottom seam runs from front to rear. Flatten the pockets that form at the seam ends so the bottom of the bag conforms to the tray.
4. Place the thin vacuum-formed battery protector between the poly bag and the rear wall of the compartment and the thick protector in similar fashion at the front of the compartment. Position the protectors so their corrugations will face the battery walls. (See Figure 4.)

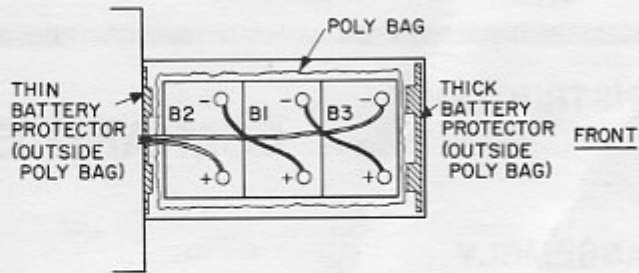


Figure 4

5. Carefully set the batteries inside the bag as shown in Figure 4 observing polarity markings. Make sure the sides of the bag remain above the top surface of the batteries in equal amounts. (It may help to tape the upper edges of the bag to the tractor sides temporarily to permit easy insertion of the batteries.)

6. Connect the battery cables in accordance with Figure 4. Observe clamp polarity markings. Coat the terminals after connections are made with a thin film of Battery Terminal Protective Grease, AP31. Make sure all surfaces are coated!

7. Place the plastic cover over the batteries, but inside the top edges of the bag, making sure the battery cables go through the end slots of the cover, and that the center cables fit into the center raised portion of the cover. (See Figure 5.)

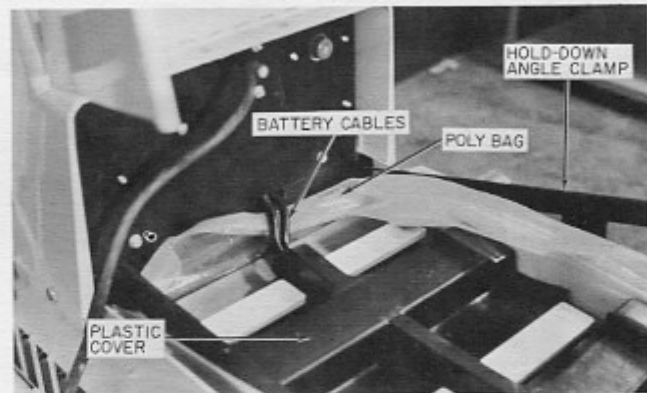


Figure 5

8. Place the hold-down angle clamps along the sides of the battery cover, outside the top edges of the bag so the bag is between the cover and the clamps. (See Figure 5.) Notice there is a right and left clamp.

**NOTE:** Engage the rear of each clamp in the corresponding slot in the panel in the rear of the compartment, and then lower the clamp into position.

9. Secure the front of each clamp to its corresponding threaded stud with a lockwasher and nut.

10. Check that wires numbered 10 and 12 are connected to the seat switch which is mounted on the cross-bar over the rear compartment.

11. Charge the batteries initially as instructed in the Use and Care Manual.

## Model E10M

### Forward Compartment

#### USE SIX 6-VOLT BATTERIES IN THE E10M

1. Remove all loose parts from the forward battery compartment. Turn the key switch counter-clockwise to the "Off" position.

2. Place one of the plastic trays in the bottom of the forward battery compartment so its drain hole lines up with the drain hole in the floor of the compartment.

3. Unfold one of the poly bags and place it in the tray so the bag's bottom seam runs from front to rear. Flatten the pockets that form at the seam ends so the bottom of the bag conforms to the tray.

4. Place one of the long vacuum-formed battery protectors along each side of the poly bag (outside) so the corrugations will face the battery walls. (See Figure 6.)

5. Place the short sections of battery protectors in similar fashion at the ends of the compartment with the thicker one at the front as shown in Figure 6.

6. Carefully set three batteries in the bag as shown in Figure 6 observing polarity markings. Make sure the sides of the bag remain above the top surface of the batteries in equal amounts. (It

may help to tape the upper edges of the bag to the tractor sides temporarily to permit easy insertion of the batteries.)

7. Connect the battery cables in accordance with Figure 6. Observe clamp polarity markings. Coat the terminals, after connections are made, with a thin film of Battery Terminal Protective Grease, AP31. Make sure all surfaces are coated!

8. Place the plastic cover over the batteries, but inside the top edges of the bag, making sure the battery cables go through the end slots of the cover, similar to Figure 5.

9. Place the longer pair of hold-down angle clamps along the sides of the battery cover outside the top edges of the bag so the bag is between the cover and the clamps. See Figure 5. Notice there is a left and right clamp.

NOTE: Engage the rear of each clamp in the corresponding slot in the panel in the rear of the compartment and then lower the clamp into position.

10. Secure the front of each clamp to its corresponding threaded stud with a lockwasher and nut.

### Rear Compartment

1. Remove all loose parts from the rear battery compartment.

2. Adjust the wiring entering the rear compartment so it will not interfere with battery installation or be inaccessible when needed.

3. Temporarily remove the cross-bar which is mounted over the rear battery compartment. Swing

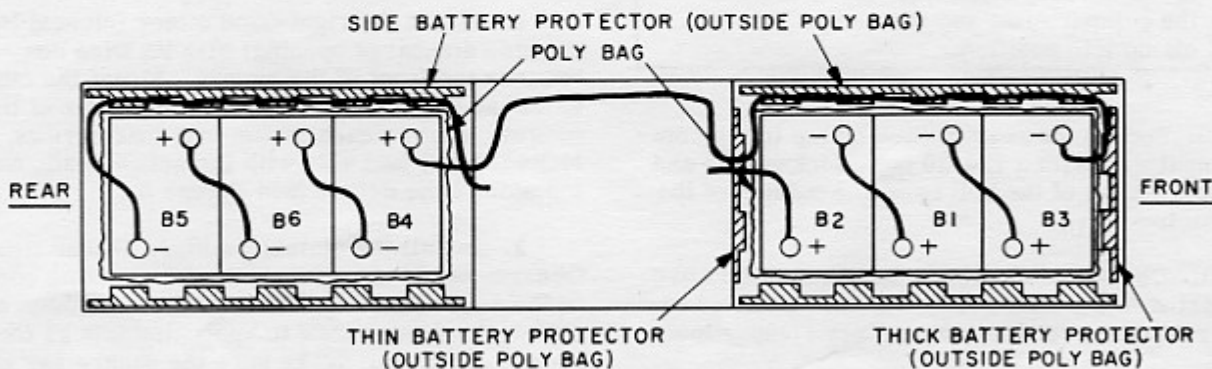


Figure 6

