

DEALER SET-UP INSTRUCTIONS

Model E8

Procedure:

1. Cut banding straps and remove upper portions of carton. Cut sides of bottom tray so tray lays flat.
2. Remove wheel-tire assemblies and loose boxes from carton. Also remove loose packing material in area of front axle.
3. Lift rear of tractor.
4. Remove mower and rear support deck from below tractor frame.
NOTE: Support can be partially disassembled in place for ease of removal.
5. Install rear wheels with extended portions of the wheels' centers toward the tractor. Align cross-holes of wheel centers with corresponding holes in axle. Insert clevis pins in holes and secure with cotter pins.
6. Install woodruff key and steering arm (boss extending downward) on the lower end of steering shaft below frame. Secure with set screw.
7. Lift front of tractor, partially disassemble, and remove support and install front wheels with the valve stems out. Secure each wheel to spindle with a 3/4 inch narrow washer and Tru-Arc snap ring.
8. Install long tie rod so the threaded studs of the ball joints extend down through the spindle tabs. Secure with washers and nuts.
9. Install short tie rod between tab on lower end of steering assembly and Pitman arm which is attached to right front wheel spindle. Install so threaded studs of the ball joints extend down through the spindle tabs. Secure with lockwashers and nuts.
10. Place plastic sleeve over upper end of steering shaft with its slotted end upward and aligned with the holes in the steering shaft. Place steering wheel on shaft so its holes align with those of the shaft. Drive spring dowel pin in aligned holes.
11. Insert 4 carriage bolts into square holes in seat pan so the heads are on the top side. Secure cushions (bottom and back) to seat pan with washer head 1/4-20 cap screws.
12. Mount seat near the center of the adjustment range on the rear cover for average height operators. Secure lower right mounting bolt with two flat washers, clevis, lockwasher and nut in that order. Secure looped end of seat retaining cord in this clevis with clevis pin and cotter pin. Secure each remaining mounting bolt with a flat washer, lockwasher and nut.

13. 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.

FORWARD COMPARTMENT

- a. Remove all loose parts from the forward battery compartment. Turn key switch to "off".
- b. 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.
- c. Un fold 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. (It may help to tape the upper edges of the bag to the tractor sides temporarily to permit easy insertion of the batteries.)
- d. 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 face the battery walls. (See Figure 1.)
- e. Carefully set the batteries inside the bag as shown in Figure 1 observing polarity markings. Make sure the sides of the bag remain above the top surface of the batteries in equal amounts.
- f. Connect the battery cables in accordance with Figure 1. 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.
- g. 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.
- h. Place the hold-down angle clamps along the sides of battery cover inside the top edges of the bag.

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.
- i. Secure the front of each clamp to its corresponding threaded stud with a lockwasher and wing nut.
- j. Connect wires numbered 10 and 12 to the seat switch which is mounted on the cross-bar over the rear compartment.

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

14. Mower Assembly and Installation

- a. Mount right-hand motor (closest to side discharge opening) with its wire box towards the front of the mower. Mount the other motor so its wire box is towards the rear of the mower. Secure each motor with four screws, lockwashers, and nuts with the screw heads on the top side of the deck.
- b. Install clutch and blade assemblies. Observe blade placement so cutting edge is in proper direction for rotation. Tighten each self-locking cap screw to approximately 21 foot pounds of torque. Make sure square key stays in place when installing each clutch hub.
- c. Install a wheel assembly in the lowest adjusting hole on each rear corner of the mower. A $3/8$ inch plain washer should be located between the bolt head and the wheel. Insert sleeve bearing in each wheel. Secure each with a $3/8$ inch lockwasher and nut.
- d. Drive the tractor to a flat level area, and remove the key, place the range selector in "L" and release the parking brake to give maximum clearance under the frame.
- e. Place the mower under the tractor in its approximate mounted position.
- f. Insert all four suspension arms in their respective frame bushings so their lower ball rod ends lay on the mower deck near their mounting pins.
- g. Attach the ball rod ends of both suspension arms on the left (clutch/brake pedal side). Secure with hair pin cotters.
- h. Attach the remaining suspension arms in similar fashion.
- i. Move the manual lift handle fully-forward and attach both lift cables to their corresponding lift pins on the mower deck. Secure with plain washers and hair pin cotters.
- j. Join each mower-motor power-cord-connector to its corresponding power cord exiting bottom of frame.
- k. Grease front axle/spindle assembly thoroughly and lightly oil all lift pivot points.
- l. Adjust tire pressure as indicated in the Use and Care Manual.

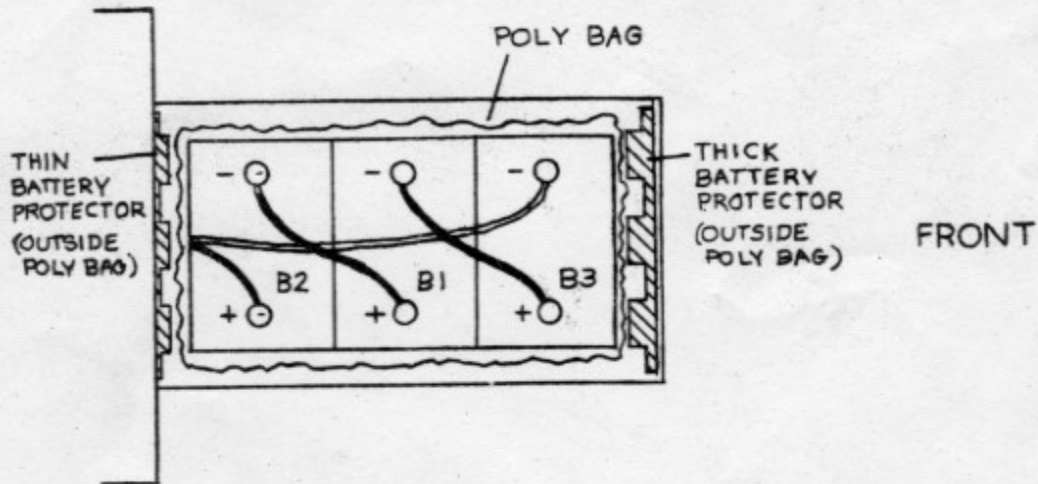


Figure 1