



INSTRUCTIONS

FRONT/REAR RECEPTACLE KIT Model KP37

The KP37 Front/Rear Receptacle Kit can be front or rear mounted on large frame Elec-Trak tractors to provide convenient connection for attachments such as the AP84 Power Pack Booster and CF48, CF74, CF92 Fork Lifts. Only approved attachments should be connected to this receptacle that do not exceed its rating.

Always observe polarity requirements of all attachments. The red half of the receptacle is positive. When the attachment is equipped with a similar connector, like colors must be mated together.

WARNING: When connecting attachments to the receptacle, observe proper polarity where required or injury or equipment damage can result.

REAR MOUNTING

WARNING: The Power Disconnect must always be opened before working near tractor electrical components. Failure to do so could result in personal injury or damage to the tractor wiring.

1. Open the power disconnect.
2. Remove the lower control panel cover and the screws retaining the upper control panel. Hinge the upper control panel forward.
3. Remove the cover from the rear power pack units. Disconnect and remove the batteries from the rear battery box.

NOTE: If the 7/8-inch hole is pre-punched as shown in Fig. 2, it may not be necessary to remove the batteries. Wires can be "fished" through the frame opening with a long, stiff wire inserted from below the frame. Refer to Step 7.

WARNING: To prevent injury, be careful when working in the uncovered battery box to avoid shorting terminals with wires or tools.

4. Locate and drill a 3/16-inch hole in the left fender, using the template provided, as shown in Fig. 1.

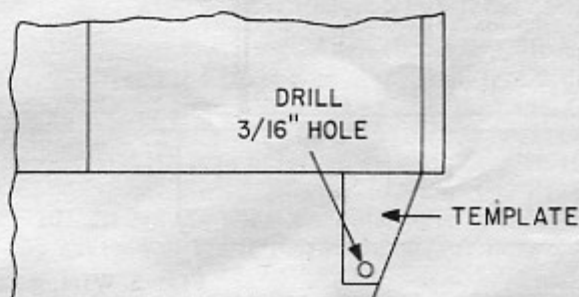


Fig. 1 Left Fender - Top View

5. Locate and punch or drill a 7/8-inch hole in the left side of the rear battery box, using the template provided as shown in Fig. 2. Remove any metal chips from inside the battery box.

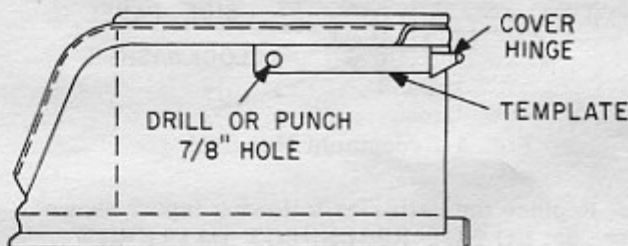


Fig. 2 Battery Box - Left Side View

6. Insert a grommet in the 7/8-inch hole just drilled.
7. Thread the long wire from the receptacle through the grommet from the outside of the box. Train the wire along the upper left and front edges of the battery box, and through the tubing used in the undercarriage harness, to pass from the battery box to the underside of the frame. See Fig. 3. Keep plenty of slack above the frame to accommodate battery reinstallation.
8. Thread the short wire of the receptacle through the grommet.

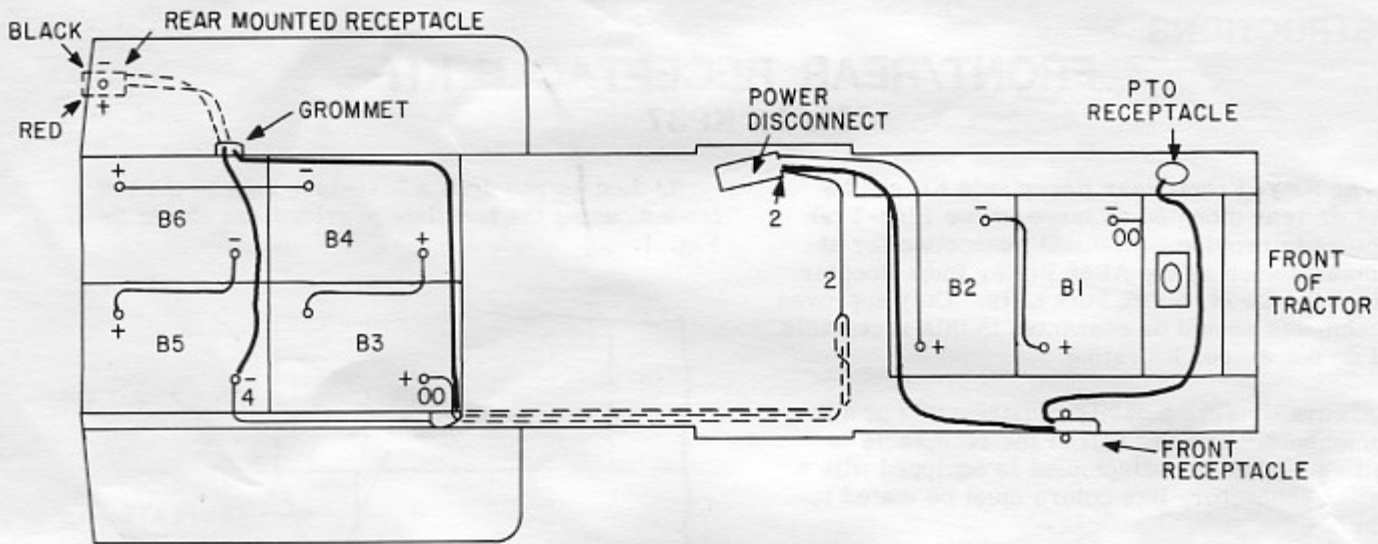


Fig. 3 Wiring Layout - Top View

9. Attach the receptacle to the left fender as shown in Fig. 4.

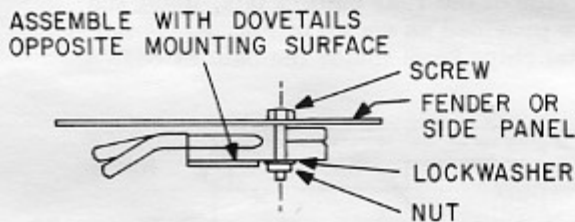


Fig. 4 Receptacle Mounting

10. Replace the batteries following layout shown in Fig. 3. **DO NOT RECONNECT BATTERIES AT THIS TIME!**

11. Thread the long wire through the undercarriage harness tubing into the lower control cabinet and connect it to the rear of the Power Disconnect Switch with existing wires numbered "2" as shown in Fig. 5. Dress the wire into the harness, using the wire ties provided, and keep the wires clear of the steering gear.

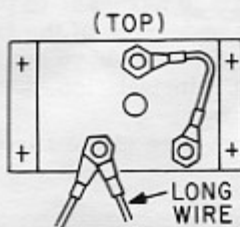


Fig. 5 Power Disconnect - Rear View

12. Reconnect the batteries as shown in Fig. 3, connecting the short receptacle wire to the clamp on the negative post of battery B5.

13. Engage the power disconnect and test the receptacle for power. Make sure the red connector is positive.

14. Reassemble the battery cover and control panel cover, and close the upper control panel.

FRONT MOUNTING

1. Open the power disconnect.

2. Remove the cover from the front power pack units. Disconnect the battery cable from battery B2 positive post.

WARNING: To prevent injury, be careful when working in uncovered battery box to avoid shorting terminals with wires or tools.

3. Remove the screws retaining the upper control panel. Hinge the upper control panel forward.

4. Locate and drill a 3/16-inch hole in the right side panel, using the template provided as shown in Fig. 6. Place a cloth inside the drilling area to prevent metal chips from entering the compartment.

5. Attach the receptacle to the inside of the right side panel as shown in Fig. 4.

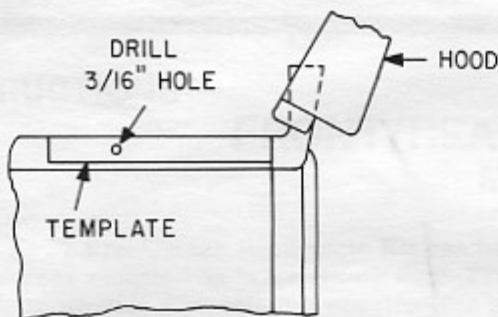


Fig. 6 Right Panel

6. Remove the ring terminal from the short receptacle wire and strip off a 3/8-inch length of insulation.

7. Install the stripped end of the short wire to the rear of the PTO receptacle with the existing wire in the position as shown in Fig. 7.

8. Connect the long wire from the receptacle to the rear of the Power Disconnect Switch with existing wires numbered "2" as shown in Fig. 5.

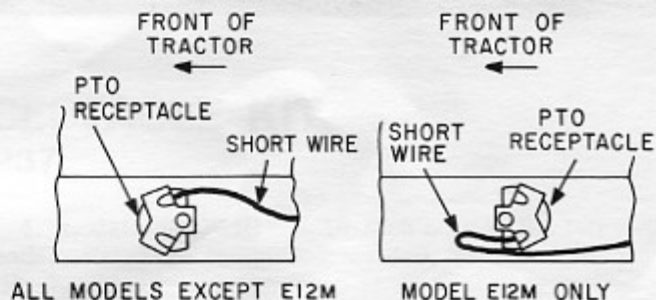


Fig. 7 PTO Receptacle Wiring

9. Dress the long wire along the right side panel and in front of the upper control panel. Allow the excess wire to enter the control panel cutout and tie it to existing wires with wire ties.

10. Dress the short receptacle wire along the top surface of the perforated charger cover.

11. Reconnect the battery cable, engage the power disconnect, and test the receptacle for power. Make sure the red connector is positive.

12. Reassemble the battery cover and close the upper control panel.

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