

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 Auxiliary Power Pack 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 or injury or equipment damage can result.

REAR MOUNTING

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

Note: If the 7/8 inch hole is pre-punched as shown in Figure 2, it may not be necessary to remove batteries. Wires can be "fished" through 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 uncovered battery box to avoid shorting terminals with wires or tools.

4. Locate and drill 3/16 inch hole in left fender using template provided as shown in Figure 1.
5. Locate and punch or drill 7/8 inch hole in left side of rear battery box using template provided as shown in Figure 2. Remove any metal chips from inside battery box.
6. Insert grommet in 7/8 inch hole just drilled.
7. Thread long wire from receptacle through grommet from the outside of the box. Train wire along upper right and front edges of the battery box and through the tubing used in the undercarriage harness to pass from battery box to underside of frame. Keep plenty of slack above the frame to accommodate battery reinstallation.

8. Thread short wire of receptacle through grommet.
9. Attach receptacle to left fender as shown in Figure 3 .
10. Replace batteries following layout shown in Figure 4 . DO NOT RECONNECT BATTERIES AT THIS TIME!
11. Thread long wire through undercarriage harness tubing into lower control cabinet and connect to rear of Power Disconnect Switch with existing wires numbered "2" as shown in Figure 5 . Dress wire into harness using wire ties and keep wires clear of steering gear.
12. Reconnect batteries as shown in Figure 4 connecting the short receptacle wire to the clamp on the negative post of battery B5.
13. Engage power disconnect and test receptacle for power.
14. Reassemble battery cover, control panel cover, and close upper control panel.

FRONT MOUNTING

1. Open power disconnect.
2. Remove cover from front power pack units. Disconnect 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 screws retaining upper control panel. Hinge upper control panel forward.
4. Locate and drill 3/16 inch hole in right side panel using template provided as shown in Figure 6 . Place a cloth inside the drilling area to prevent metal chips from entering the compartment.
5. Attach receptacle to inside of right side panel as shown in Figure 3 .
6. Remove ring terminal from short receptacle wire and strip off a 3/8 inch length of insulation.
7. Install stripped end of short wire to rear of PTO receptacle with existing wire number 24 as shown in Figure 7 .
8. Connect long wire of receptacle to rear of Power Disconnect Switch with existing wires numbered "2" as shown in Figure 5 .

9. Dress long wire along right side panel and in front of upper control panel. Allow excess wire to enter control panel cutout and tie to existing wires with wire ties.
10. Dress short receptacle wire along top surface of the perforated charger cover.
11. Reconnect battery cable, engage power disconnect, and test receptacle for power. Make sure the red connector is positive.
12. Reassemble battery cover and close upper control panel.

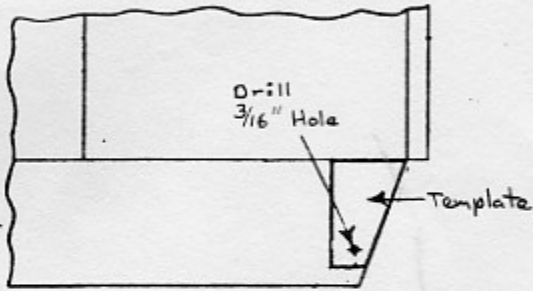


Fig. 1 - Left Fender

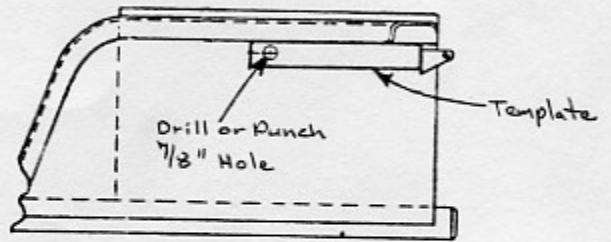


Fig. 2 - Battery Box-Left Side

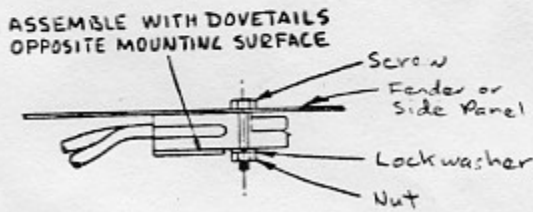


Fig. 3 - Receptacle Mounting

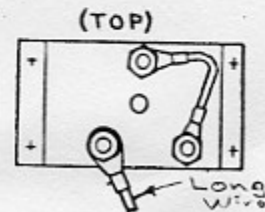


Fig. 5 - Power Disconnect-Rear View

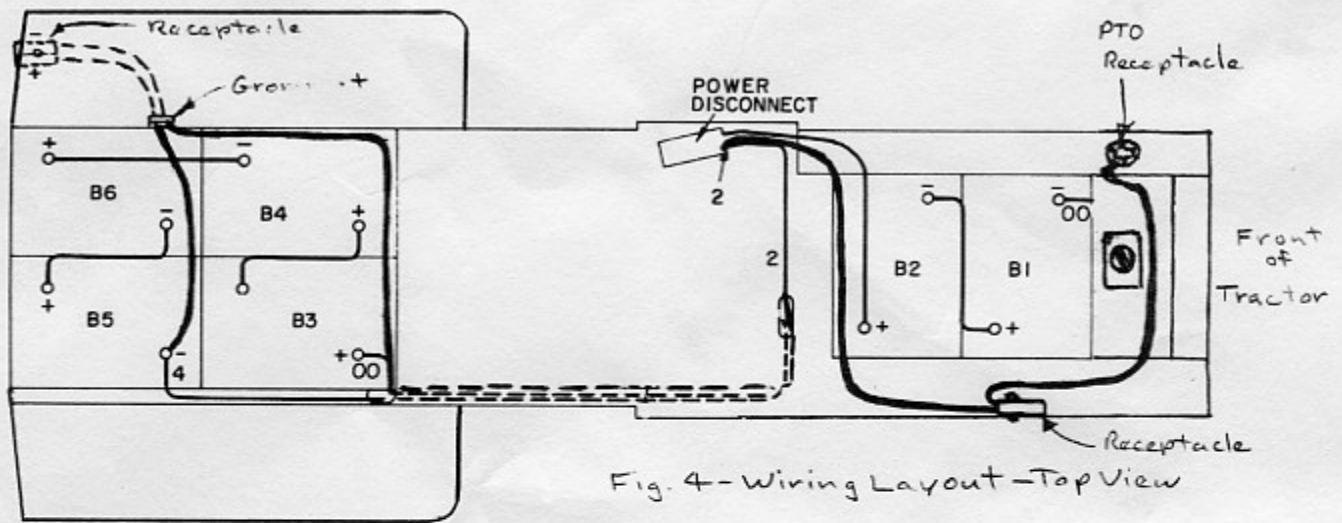


Fig. 4 - Wiring Layout-Top View

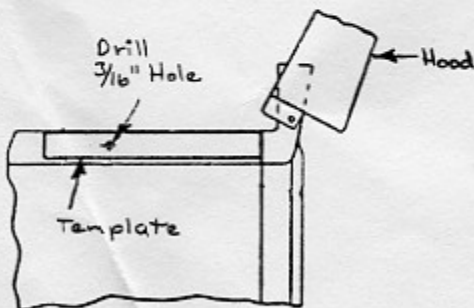


Fig. 6 - Right Panel

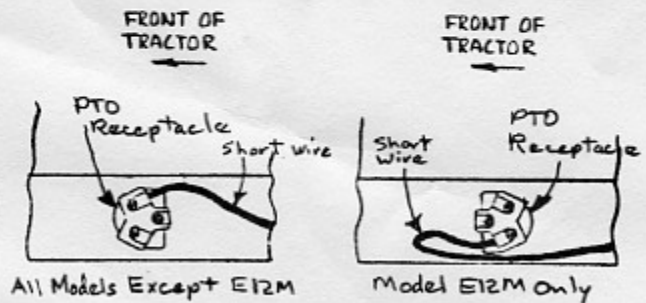


Fig. 7 - PTO Receptacle Wiring