

INTERCEPT 2 – TOUCHPAD CONVERSION INSTRUCTIONS

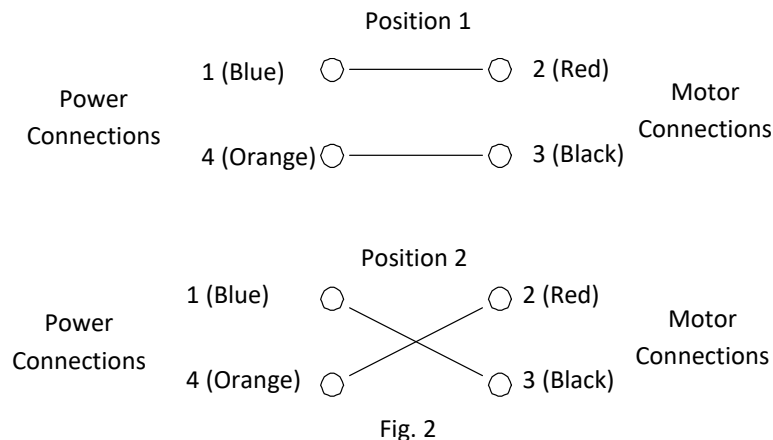
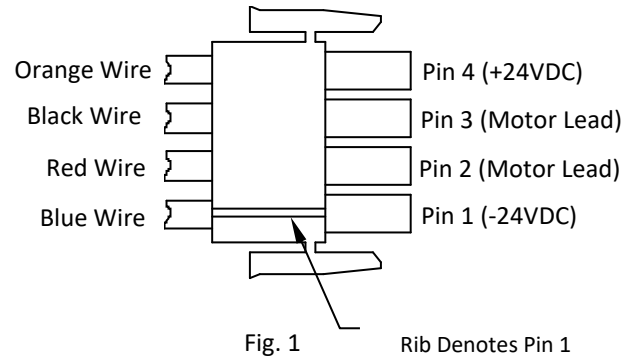
General Information

IMPORTANT: Unplug Intercept 2 power supply from power source before starting.

The Intercept 2 linear actuator is powered by a 24VDC power supply that is operated by a DPDT rocker switch. Before making any changes to the wiring it is imperative that the capacitors of the power supply be fully drained. This can be accomplished by waiting 10 minutes after unplugging the power supply, or by pressing the rocker switch in both directions after the power supply is unplugged. Failing to do this may result in blowing an internal .75A fuse. If this occurs the fuse can be replaced, follow fuse replacement instructions below.

Connecting to a Touchpad System

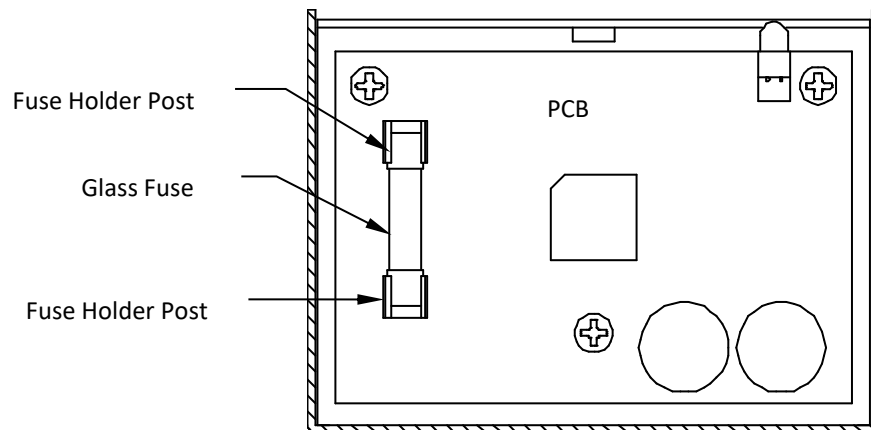
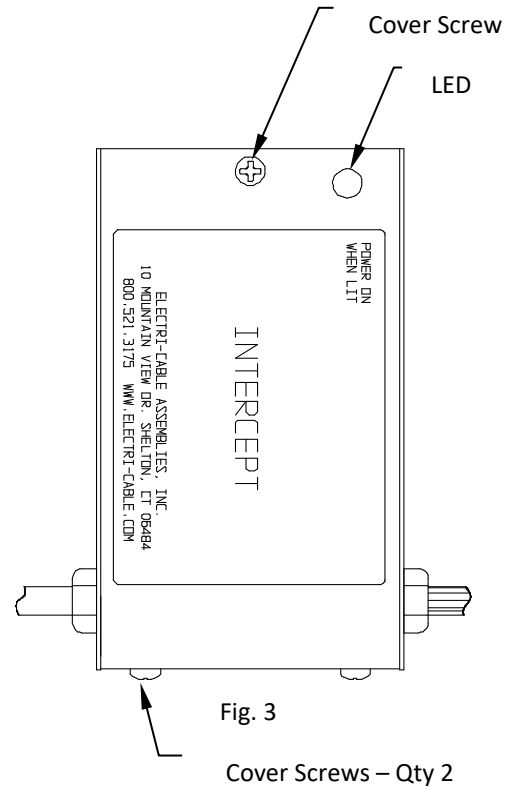
- 1- Unplug the Intercept 2 power supply and drain the power as described above.
- 1- Determine if the connection to the touchpad system will be in addition to the Intercept Switchbox or a replacement to it. If the connection is to be an addition you can splice into the Switchbox cable at a location that is convenient. If the touchpad will be a replacement of the Switchbox, you can remove the 4 pin connector from the cable and discard it and the Switchbox.
- 2- Fig 1. shows the wiring schematic of the 4 pin connector
- 3- Fig. 2 shows the switch operation for actuating the motor in one direction (position 1), and then the other (position 2)
- 4- Connect the switching relays from the touchpad system to replicate this pattern.
- 5- Once all connections are complete you can plug power supply in and test the operation.
Note: If Intercept 2 doesn't operate check to see if red LED is operational on power supply, see Fig. 3. No LED light means the internal fuse has blown and needs to be replaced, see described below.



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Replacing Power Supply Fuse (#312 - .75A – 250V)

- 1** - Unplug the Intercept 2 power supply and drain the power as described above.
- 2** - Remove the three cover screws and remove the cover as shown in Fig. 3. Retain the screws for use on reinstalling the cover.
- 3** - Locate the glass fuse on the PCB, as shown in Fig 4. The fuse can be removed by prying it out of the upper holder, and then pulling it out of the lower holder.
- 4** - Insert a new fuse between the two holders and press into place. Ensure the metal contacts at each end of the fuse are firmly seated in each of the two holders.
- 5** - Reinstall cover with screws from Step 2 above.



View of PCB from Inside Power Supply Box

Fig. 4