

ALPHA ARM SWITCH

Installation Instructions

PRODUCT INFORMATION BULLETIN#7064

Installation on old style arms (Kit #7065)

Remove the four screws securing the switch mounting plate and slide the support out of the arm until the screws securing the wiring harness can be reached. Use a phillips screwdriver to disconnect the wires. Tag each wire with the number of the terminal it was connected to as they are removed. Remove the mounting plate, switch and knob. These parts will not be reused.

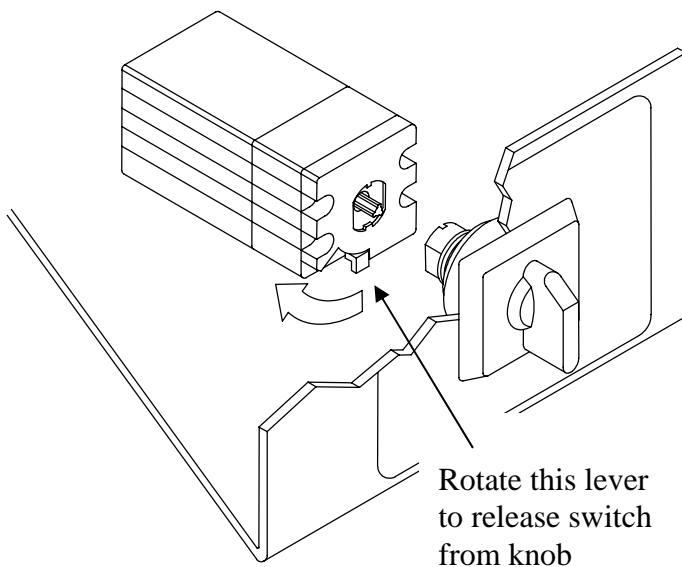


Figure 1

NOTE: Most "0" size screwdrivers have a sharp tip. The screwdriver will fit the screws in the new switch better if the point is ground off slightly (see Fig. 2). A screwdriver with the correct tip is available by ordering Part # 7067.

Install the new switch in the new Arm switch mounting plate (See Figure 1). Install the knob assembly in the plate so the numeral one is at the "MAKE UP" position and install the retaining nut. Insert the end of the switch into the knob assembly and lock the switch in place by moving the red lever on the switch as indicated in figure 1.

Connect the wiring harness to the new switch (see schematic on page 4). The terminal numbers are the same as the old switch. A "0" size Phillips screwdriver must be used to tighten the screws securing the wires.

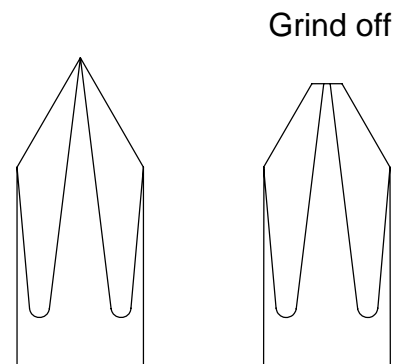


Figure 2

Note: It is recommended that the ends of the wires be tinned to ease installation. When installing the ends of the wires into the switch terminals, insert the wires so the end is “pulled” into the switch as the screw is tightened (see Fig. 3). The only exception is terminal #10, which receives two wires.

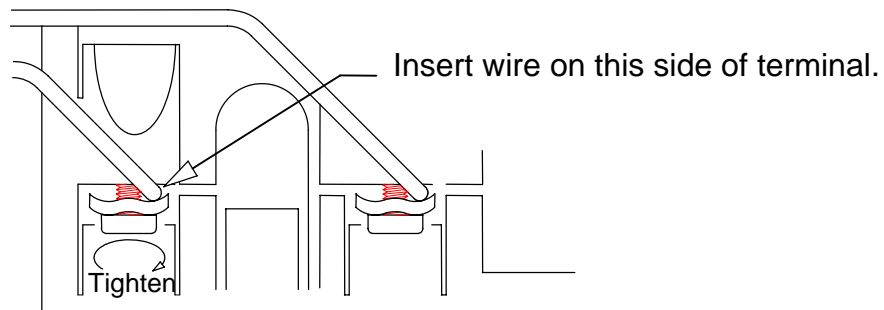


Figure 3

After connecting all wires as shown in the schematic, install the new mounting plate and switch in the arm using the four original screws (See Figure 4).

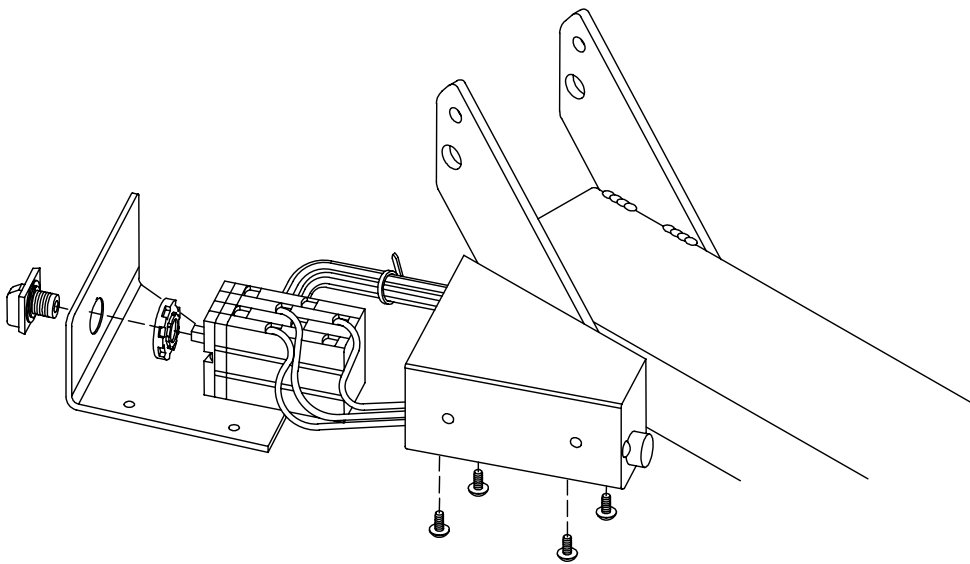


Figure 4

Installation on current style arms (Kit #7066)

Remove the four screws securing the Arm Switch Mounting Plate and pull the plate and switch out of the arm until the screws securing the wiring harness can be reached. Use a phillips screwdriver to disconnect the wires. Tag each wire with the number of the terminal it was connected to as they are removed. Remove the mounting plate and switch. These parts will not be reused.

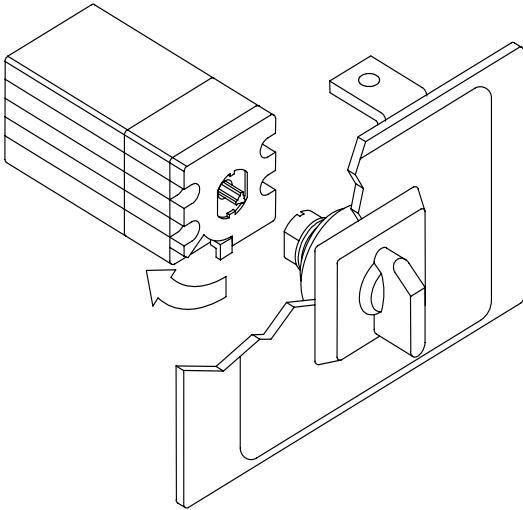


Figure 5

Install the new switch in the new Arm Switch Mount Plate (See Figure 5). Install the knob assembly in the plate so the numeral one is at the “MAKE UP” position and install the retaining nut. Insert the end of the switch into the knob assembly and lock the switch in place by moving the red lever on the switch as indicated in figure 5.

NOTE: In order to allow the harness to be pulled out of the arm enough to install the new switch, the wires to the drive motor receptacle must be disconnected. Remove the receptacle from the arm and use a pin extraction tool (Part #2673) to push the three pins out of the receptacle. Tape the wires to a string so they can be pulled back through the opening after the new switch plate is installed.

Connect the wiring harness to the new switch (see schematic on page 4). The terminal numbers are the same as the old switch. See page 1 for directions on screwdriver modifications, tinning of wire ends and installing the wire ends in the new switch.

After connecting all wires as shown in the schematic, install the new mount plate and switch in the arm using the four original screws. Reinstall the three pins in the drive motor receptacle and reinstall the receptacle (see Figure 6). Make sure the correct color wires are installed in the receptacle. The yellow wires goes to opening #1, the red wire to opening #3 and the white wire to opening #2.

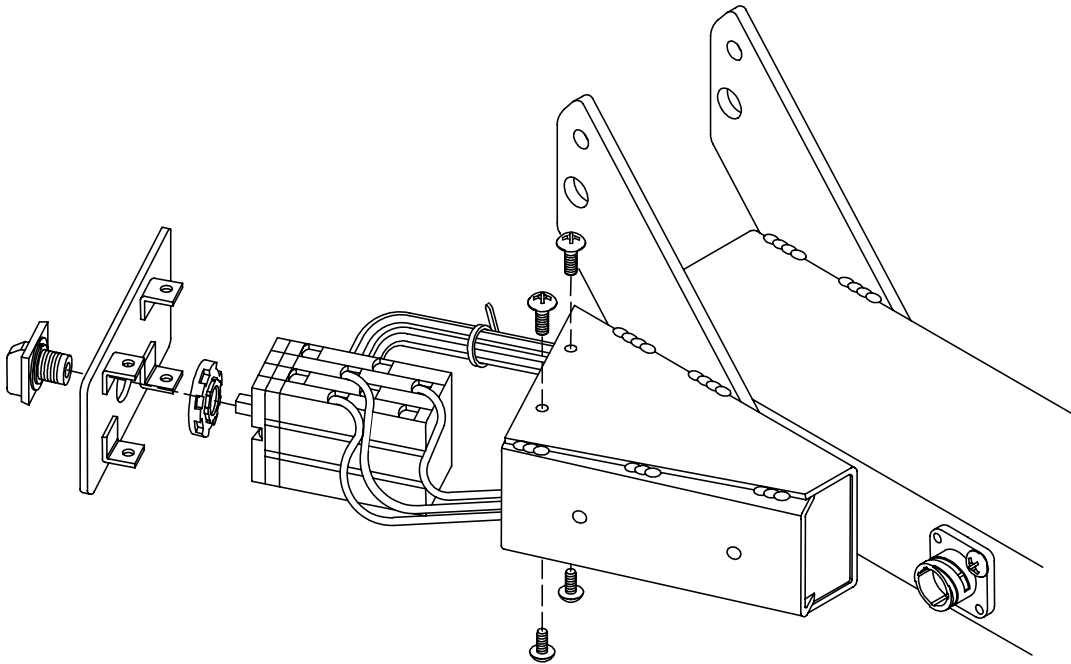


Figure 6

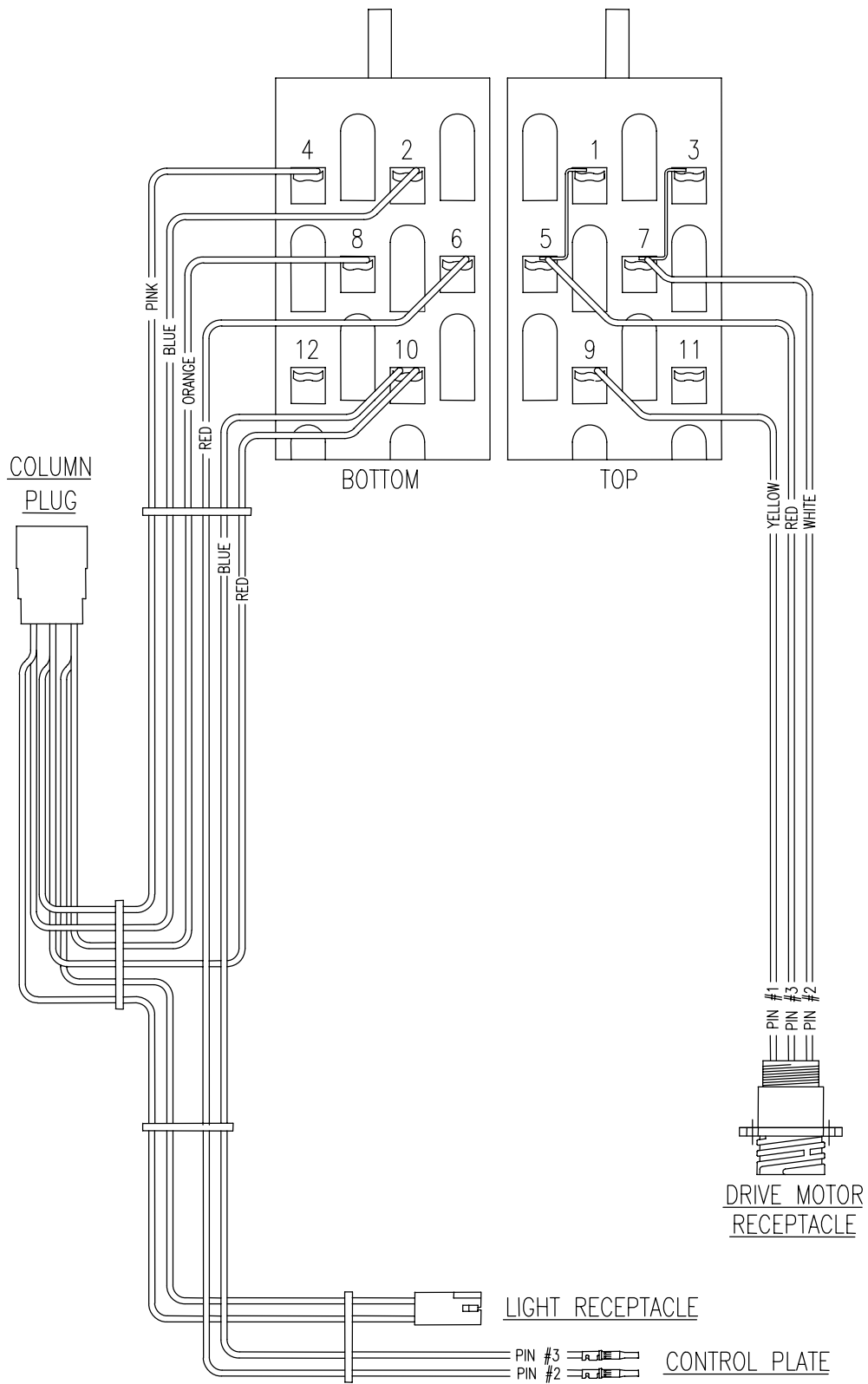


Figure 7