



INSTRUCTION BULLETIN

No. 340464

Machine: 515SS, 5700, 6200
8010, ATLV, LITTERHAWK

Published: 4-01/01

System: ELECTRICAL

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation instructions for kit number 382999

SYNOPSIS / PROBLEM:

This kit contains the parts needed to replace the control switches on the 515SS, 5700's, 6200 series, 8010, ATLV4300 and Litter Hawk™.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: File, small recip. saw

(Estimated time to complete: 1 hour)

PREPARATION:

(Refer to FIG. 1 thru 9)

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.

1. Disconnect battery cables from machine.



WARNING: Always disconnect battery cables from machine before working on electrical components.

INSTALLATION:

(Refer to FIG. 1 thru 9)

1. Locate, remove and set aside mounting hardware for control panels.
2. Lift control panels on the machines high enough to access wiring behind the control panel.
3. Disconnect the old switch from the wire harness and remove the switch(es) and indicator lights from the control panel. (Refer to FIG. 4 thru 9)
4. Using a saw, file or cutting tool, lengthen the switch opening to 1.734" long or longer if using the switch mounting plate. (Refer to FIG. 4 thru 9)
5. Spread terminals 1-2 and 5-6 on the back side of the new switch with a small slotted screwdriver to prevent connections from coming into contact with each other.
6. Connect main wiring harness to the new switch, using diagrams shown in figures 1 thru 3 accordingly. (Refer to FIG. 1 thru 3)
7. Install the new switch back into the machine control panel.
8. Replace the machine control panel, and secure with the set aside mounting hardware. Reconnect the battery cables to the machine, and check the switches for proper operation.

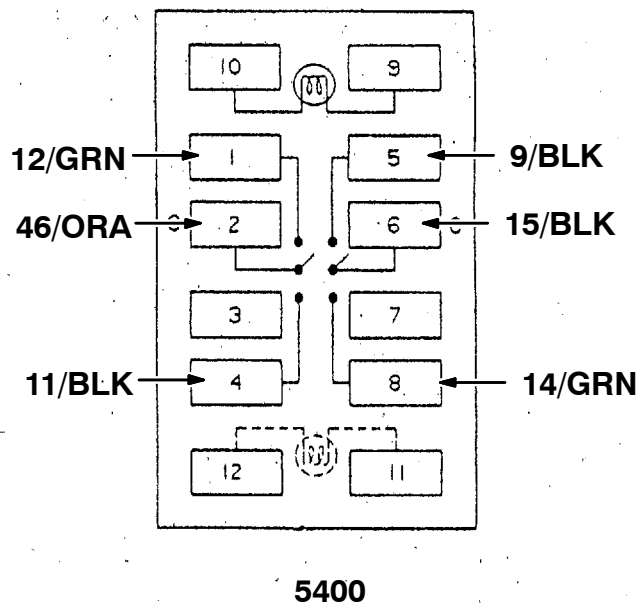
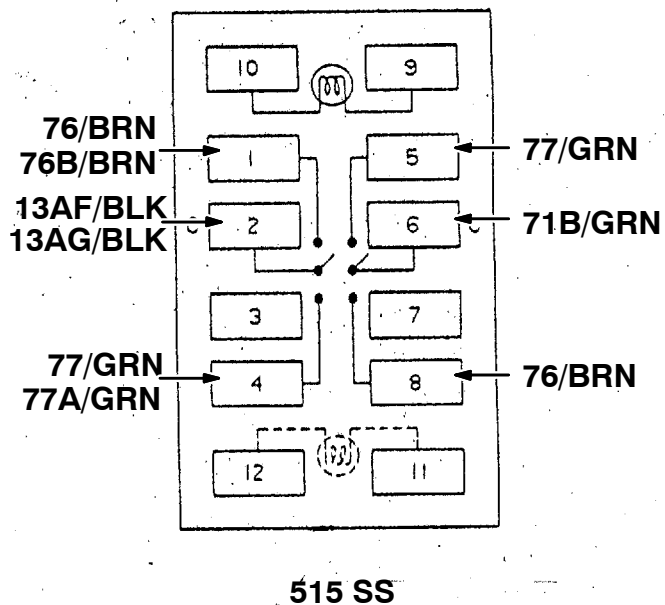
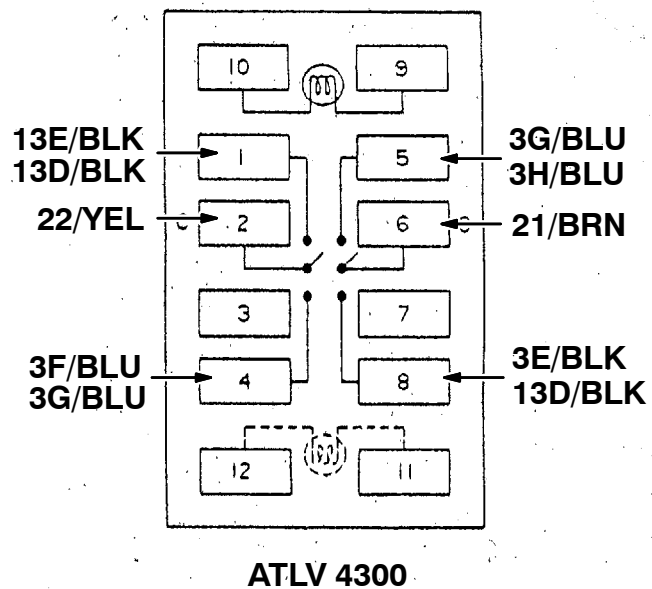
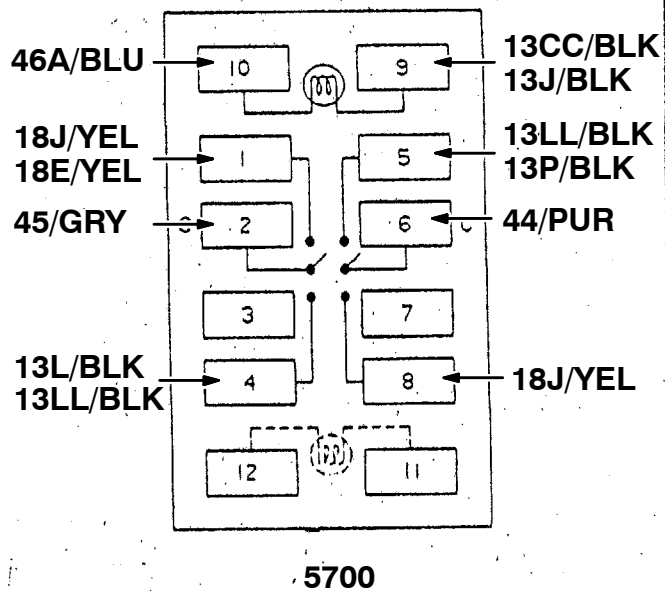


FIG. 1 - NEW SWITCH WIRING

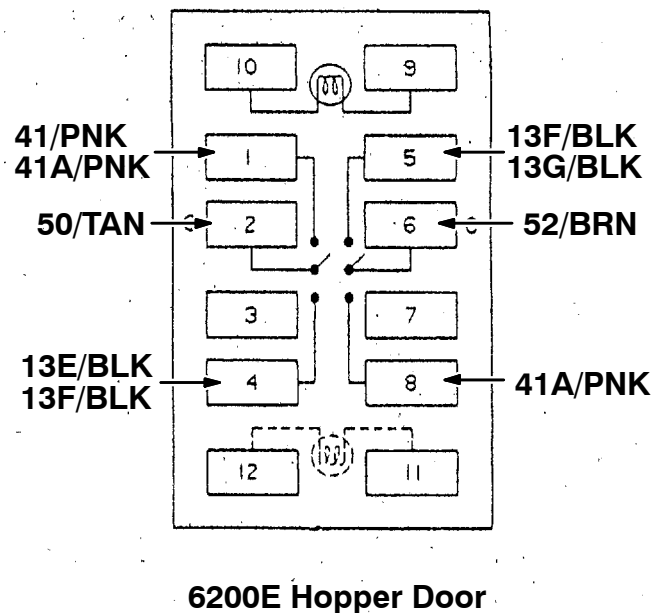
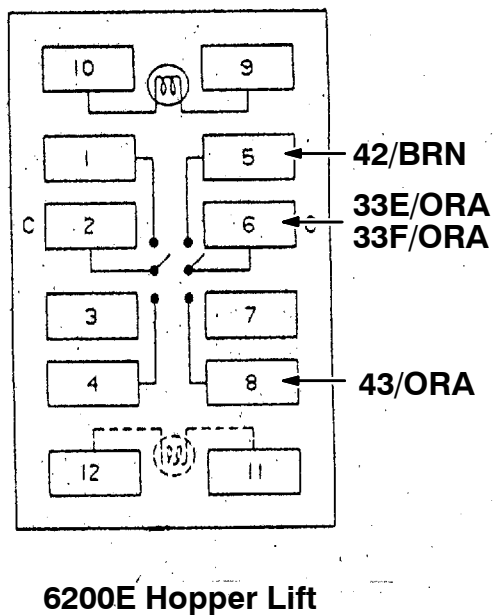
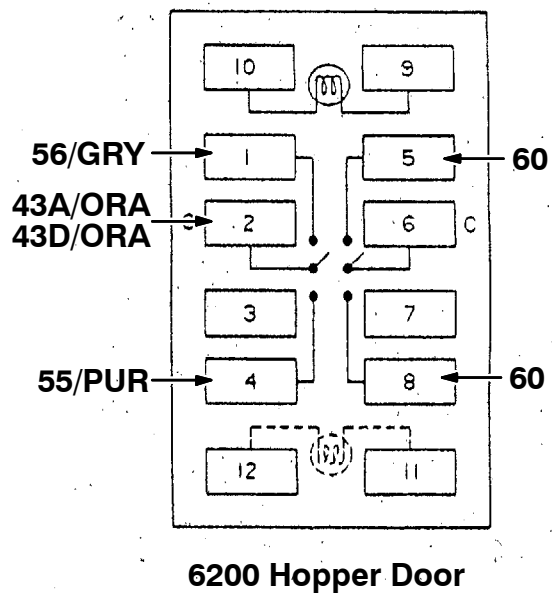
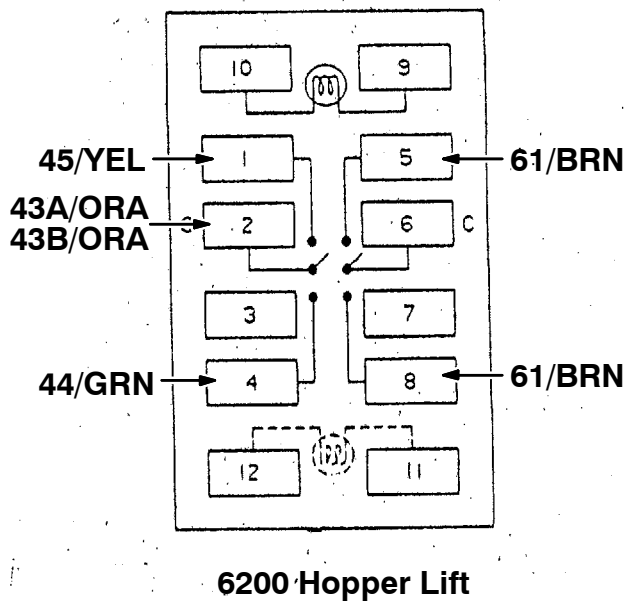


FIG. 2 - NEW SWITCH WIRING

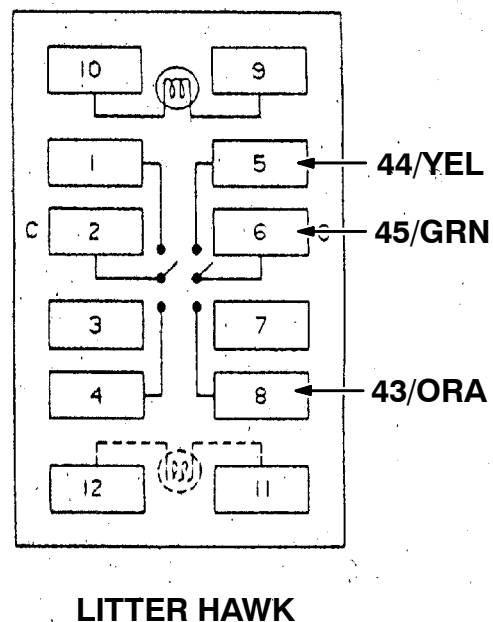
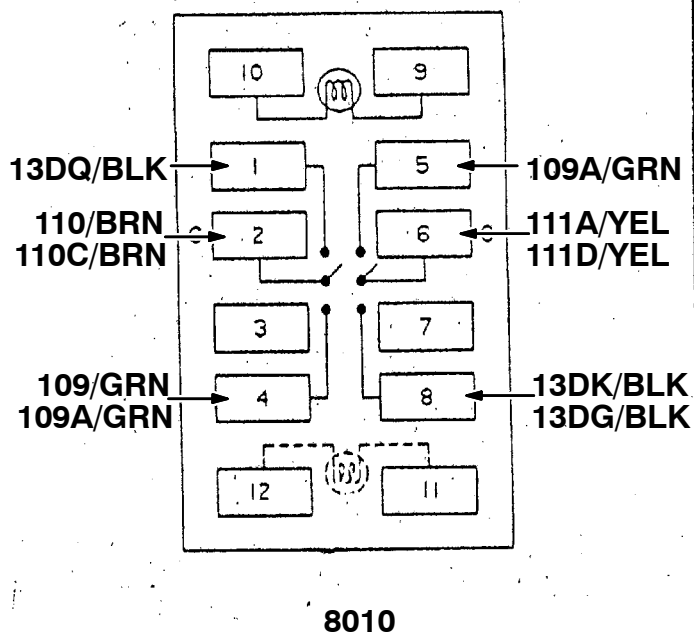


FIG. 3 - NEW SWITCH WIRING

BILL OF MATERIALS FOR SWITCH REPLACEMENT KIT 382999

Ref.	TENNANT Part No.	Description	Qty.
1	398506	Switch, rocker, DPST	1
2	382998	Plate, mtg, switch	1
3	12312	Screw, hex, M05 X 0.8 X 12, 8.8	2
4	19066	Washer, flt, #10	2
5	06549	Nut, hex, lock, M05 X 0.8, NL	2

TENNANT COMPANY
P. O. Box 1452
Minneapolis, MN 55440-1452

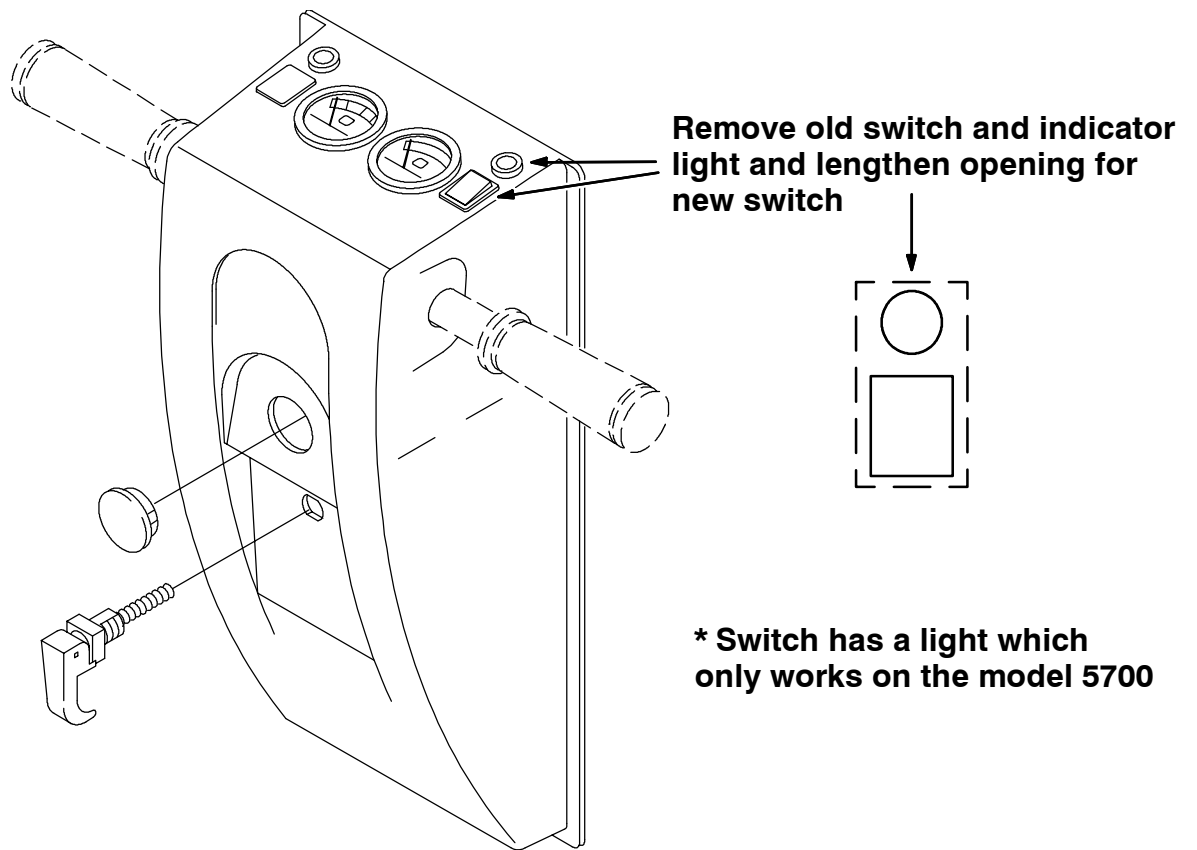


FIG. 4 - 5700 Switch location

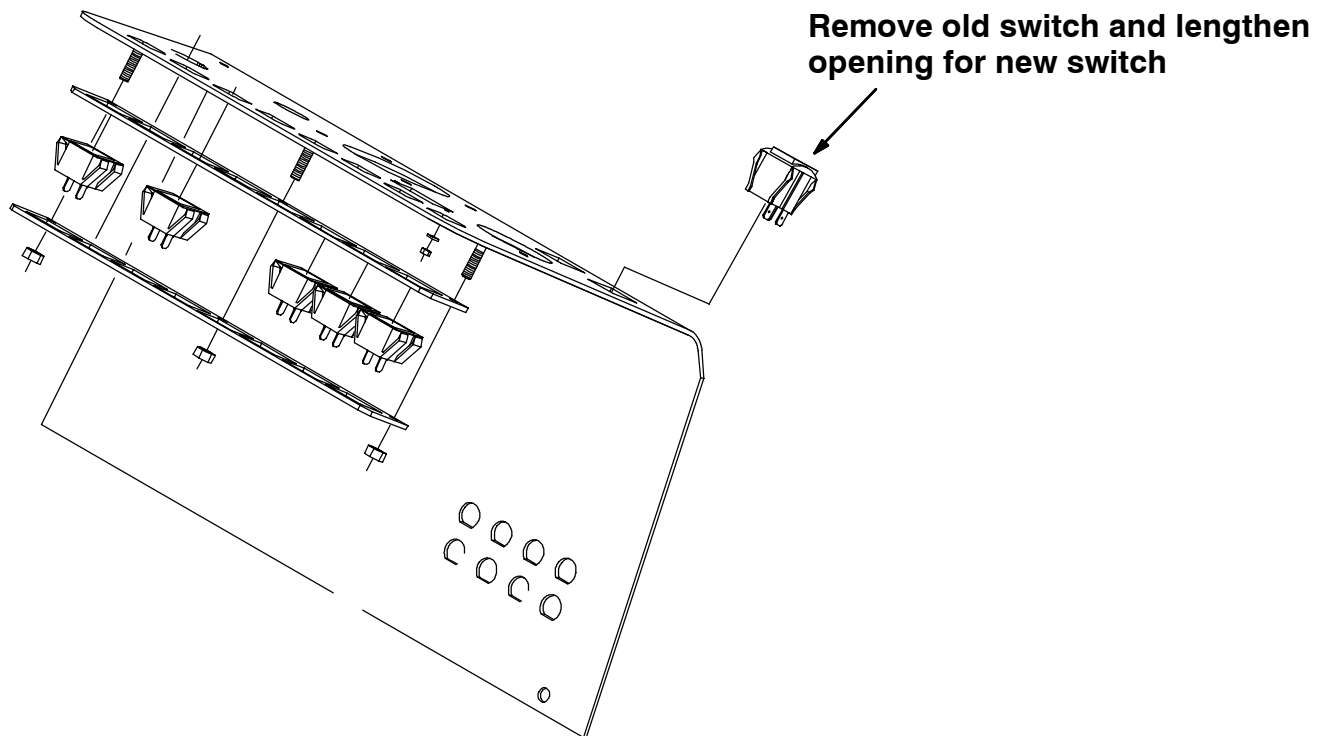


FIG. 5 - ATLV 4300 Switch location

**Remove old switch and lengthen
opening for new switch**

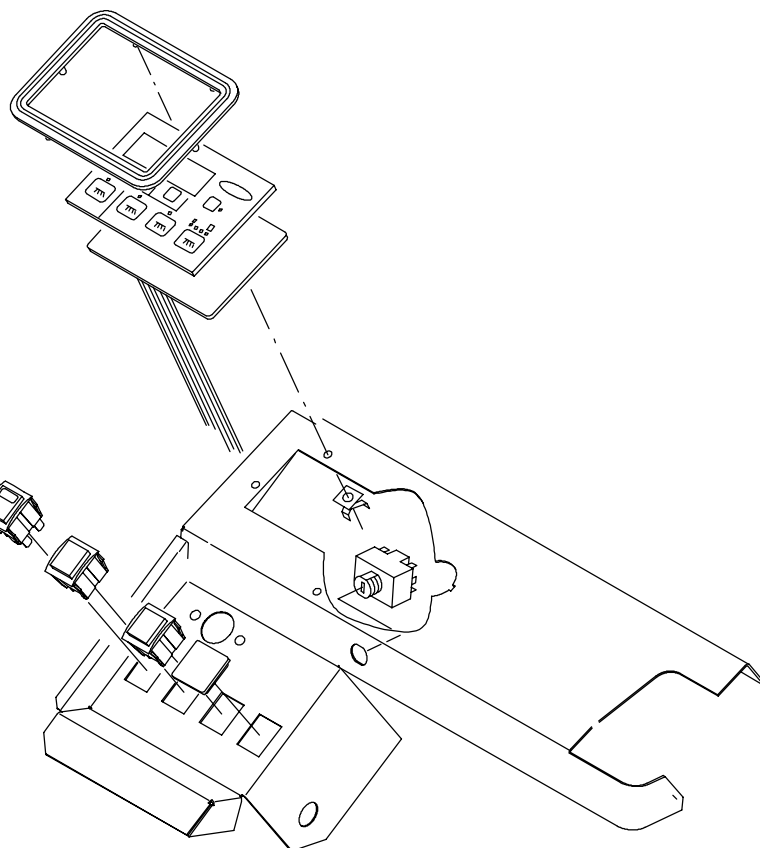


FIG. 6 - 515SS Switch location

**Remove old switch and lengthen
opening for new switch**

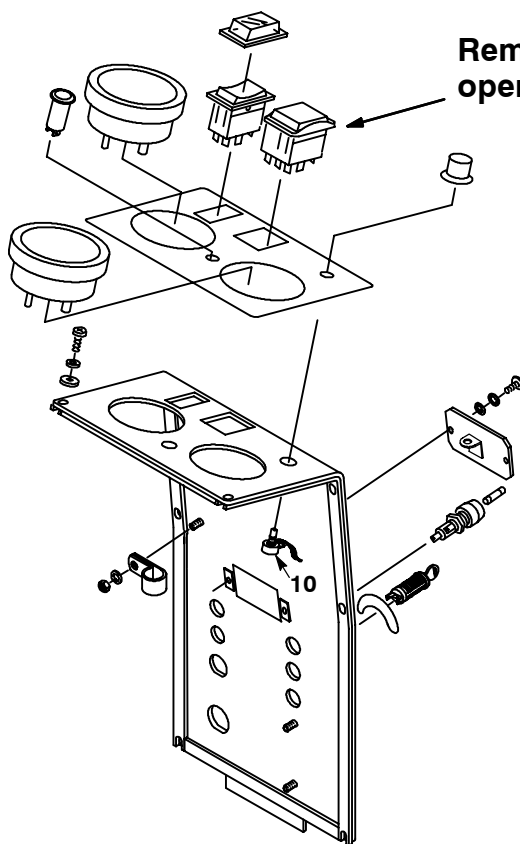


FIG. 7 - 5400 Switch location

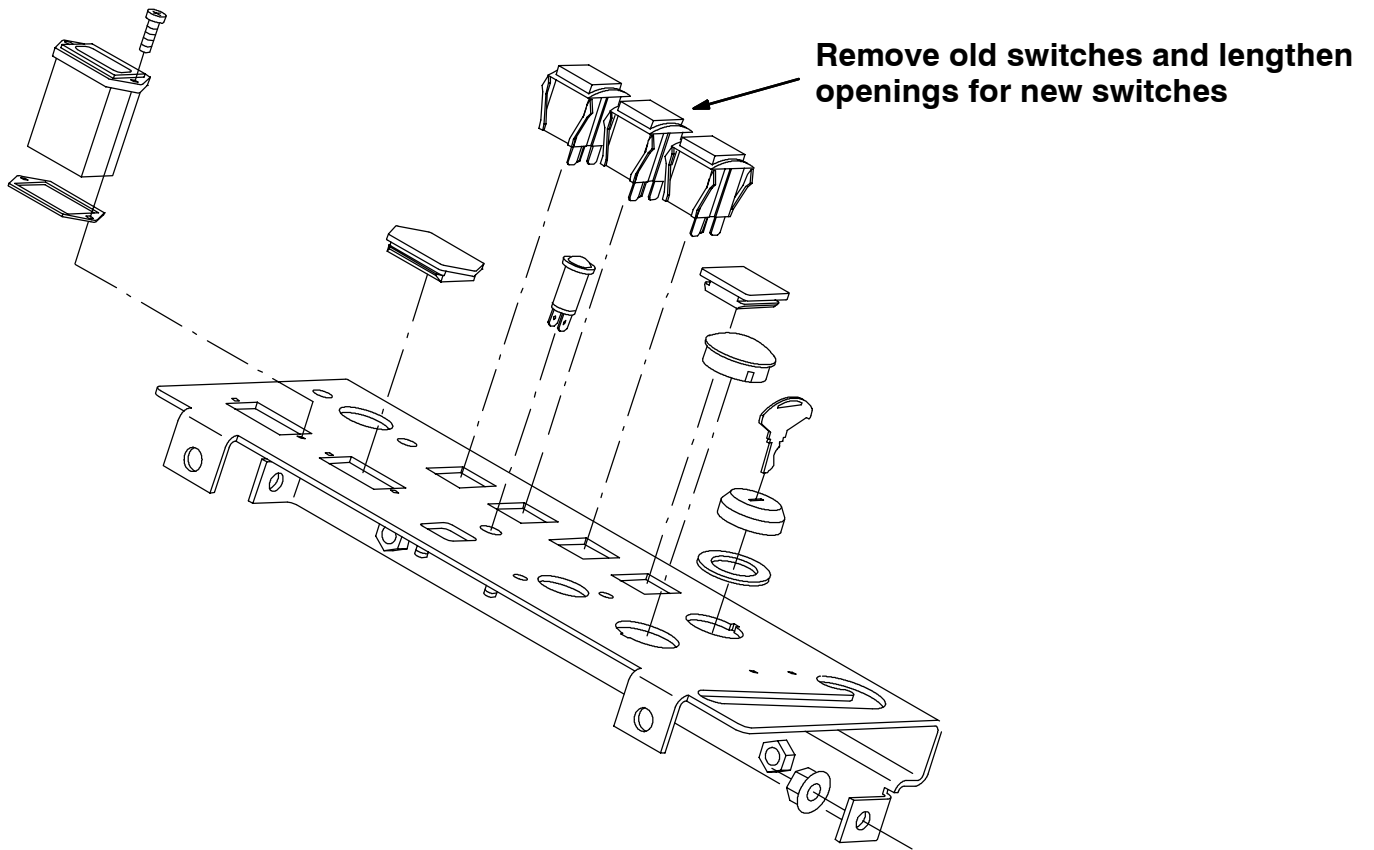


FIG. 8 - 6200 Switch locations

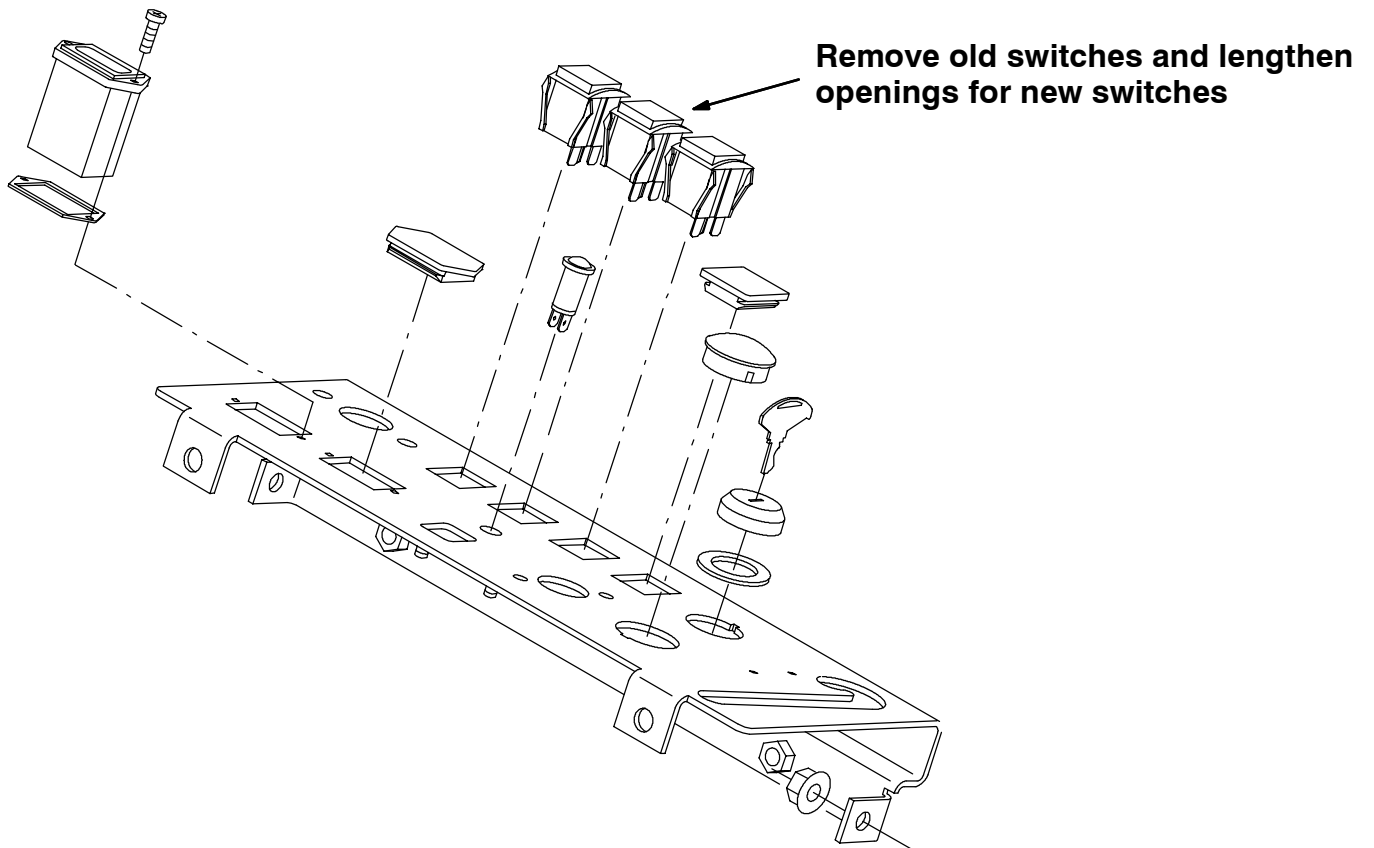


FIG. 9 - 6200E Switch locations