New Forward/Reverse Switch for 1-10D pre 1999 Old Style.

BLASTRAC — BLAST UNIT — CONTROL SCHEMATIC

NOTE:

TURN OFF ALL POWER BEFORE OPENING PANEL FOR SERVICE OR RECONNECTING TERMINAL/FANNING STRIP FOR OPTIONAL VOLTAGE OPERATION.

WIRING SHOWN IN THIS SCHEMATIC IS CONNECTED FOR 230 VOLT OPERATION. SEE BELOW AND TERMINAL CONNECTION GRAPHIC SECTION 12, PAGE 8, FOR 460 VOLT OPERATION.

TO ACCOMPLISH WIRING CHANGE FOR 460 VOLT OPERATION, MOVE FANNING STRIP THREE (3) TERMINAL BLOCKS, SO THAT FANNING STRIP TERMINAL 1 WILL BE CONNECTED TO TERMINAL STRIP TERMINAL 4; FANNING STRIP TERMINAL 2 WILL BE CONNECTED TO TERMINAL STRIP TERMINAL 5; AND SO ON.

BE SURE ALL TERMINAL CONNECTIONS ARE SECURE UPON COMPLETION.

PLEASE NOTE

REPLACEMENT SWITCHES, (ITEM #22), ARE SENT WITH SHORT WIRES ATTACHED TO THE TERMINALS ON THE SELECTOR SWITCH. THESE WIRES ARE LABELLED WITH A WIRE NUMBER ACCORDING TO THIS SCHEMATIC. WHEN INSTALLING THE REPLACEMENT SWITCH, REMOVE THE SHORT LABELLED WIRES AND ATTACH THE CORRESPONDING PANEL WIRES.

WIRE NUMBERS SHOWN MAY OR MAY NOT MATCH YOUR PANEL. CAREFULLY EXAMINE YOUR EXISTING CONTROL WIRING BEFORE REMOVING OR INSTALLING SWITCHES.

H2
H4
H3
H1

H1 H3 H2 H4
11
X1 X2
12
13

2

23 25   24 26
STOP   START
1   3   3   4   4   1 OL   5   1M   2
                            96 95
3   1M   4
                                      HOUR METER
18

TERMINAL COMPONENTS
4 15 17
3 14 15

14

DIRECTIONAL SWITCH
OFF   22
TRAVEL ENABLE   REVERSE   FORWARD
1   7   7   21   21   21   CR1   2
                  XOO   1   2
31   6   6
                  20   20   20   20   CR2   2
                  OOX   2   1
         13   14
16   OXO
(TYPICAL OF 4)
I1   I2
1   L1   KBIC DC DRIVE   L2   2
8   8   8   8
                                  P1
9   9   9   9
                                  P2
A-   489745   A+   P3   10   10   10
12   RESISTOR   11
6   10
                           12   10K OHM (NON-KBIC)
11
7 5 8 6   7 5 8 6
5 3   4   3   4   5
CR1 REVERSE   FORWARD CR2
32

16   15

20   34
28   33
MOTOR
1/4 HP
90 VDC