BATTERY HARNESS ROUTING DETAIL

LOOP TO STORE EXCESS WIRE

739558 MAIN BATTERY HARNESS

TIE-WRAP TO EACH SHELF

HARNESS

PART OF 739579P BATTERY HARNESS PARTS
LIFT COVER ASSY DETAIL
(115–114)

RIGHT CABINET WALL
(USE TEMPLATE PAGE-12 FOR HOLE SIZE AND LOCATION)

INSIDE
002090
30A GENERATOR INLET
(MOUNTS INSIDE CABINET)

2H52-0009 #8 FLAT WASHER
2H52-0008 #8 LOCK WASHER
2H51-0007 8-32 HEX NUT

OUTSIDE
MS51959-45
8-32x1/2" FLAT HEAD SCREWS
(COUNTERSINK CABINET WALL
SO HEAD OF SCREW IS FLUSH)

GASKET SUPPLIED
WITH LIFT COVER

2H60-0160
10-32x1" FLAT HEAD SCREWS
(COUNTERSINK LIFT COVER
SO HEAD OF SCREW IS FLUSH)

002032
WEATHERPROOF LOCKABLE
GENERATOR INLET LIFT COVER

2H52-0012 #10 FLAT WASHER
2066 #10 LOCK WASHER
2H51-0015 10-32 HEX NUT
SERVICE ENTRANCE BLOCK DETAIL

TOP SHELF

115-189 DUAL SERVICE ENTRANCE TERMINAL BLOCKS
(SEE LABEL ON PAGE-10)

-SE-
IN

1
2
3

EARTH

LINE IN
NEUTRAL

240VAC

OUT

4
5
6

LINE OUT
NEUTRAL

EARTH
ASSEMBLY PROCEDURE

1) Drill Hole Pattern for Generator Inlet using full size template on Sheet-13.
2) Countersink generator inlet mounting holes on the outside of the cabinet.
3) Install shelves per dimensions on Sheet-1.
4) Connect 3-wires (36" LONG) to the generator inlet per wiring drawing.
5) Place adhesive label p/n 60-403 240VAC on the generator inlet.
6) Install generator inlet per drawing on Sheet-7.
7) Route and tie wrap the 3-wires (black, white, & green) to be connected to back of PTS.
8) Install lift cover per drawing on Sheet-7. Coat both sides of gasket with thin coat of silicone sealant before installing. Wipe all excess sealant off after tightening screws DO NOT OVER TIGHTEN.
9) Route fan cable from fan down to level of top shelf.
10) Assemble left and right "EIA" rails to top shelf finger tight.
11) Attach "EIA" brackets to UPS unit.
12) Install PB2000ITS unit into rack (do NOT install PTS at this time).
13) Tighten EIA rack bracket to shelf hardware.
14) Connect fan harness to PB2000ITS.
15) Connect 5-wires (36" LONG) plus the 3-wires from the generator inlet to rear of PTS per wiring drawing. Three green wires connect to PTS-3. Route and tie wrap 4-wires (black, white, green, & red) to connect to --SE-- terminal block. Route and tie wrap the second green wire on PTS-3 to a spring nut in the back rail with bolt and washer.
16) Connect PTS above UPS.
17) Apply Labels to terminal block mounting metal per Sheet-8 including the p/n 60-403 240VAC label. Drill holes per label.
18) Install terminal block per Sheet-8.
19) Connect wires to terminal block per Sheet-4.
20) Install and route main battery harness per Sheet-6.
21) Install rubber covers onto battery adapter cable per Sheet-1.
22) Place wiring kit on lower shelf.
23) Place mounting kit on lower shelf.