

NOTES: UNLESS OTHERWISE SPECIFIED.

- 1 INSULATE ENTIRE INSIDE OF COVER DETAIL (ITEM 2) NOTE: TWO SIDES NEAREST CELL TUBES MUST BE .25 THK. (ITEM 16) AS SHOWN IN TOP VIEW ALL OTHER SIDES .50 THK (ITEM 15). CUT SIDE WALL INSULATION SHEETS .125 LONGER IN DIRECTION SHOWN ON SIDE VIEW FOR A TIGHT SEAL. USE 3M SCOTCH GRIP GLUE TO ATTACH TO COVER.
- 2 CUT EXISTING TUBING OF ITEM 1 TO DIMENSION SHOWN.
- 3 WIRE AS INDICATED, WIRE LENGTH IS 38.0 FROM CELL BLOCK.
- 4 ADHESIVE MUST BE CONTINUOUS AROUND PERIPHERY OF PART, INSPECTION REQUIRED PRIOR TO ASSEMBLY.

5 DE-SOLDER WIRES FROM OLD CELL TOP VIEW

7 Install New CELL with 5/16 OZ TOP

2 REMOVE 4 ALLEN HEAD SCREWS FROM EACH SIDE OF CELLPLATS

Solder wires to New Cell as shown.

3 Gently pull Both Sides of the Cellplats away from the CELL TO help RELEASE THE O-RING SEALS.

REV	DESCRIPTION	DATE	APP.	REV.
3	INC ECO 01-0219	12/4/01	AA	JCR
4	INC ECO 02-0035	1/16/03	RF	VF
5	INC ECO 06-0244	12/26/06	AA	WA

DRAWING IS IN ECO PROCESS  
 ECO NO. 07-0168  
 ECO DATE: 9/17/07

REF	QTY	DESCRIPTION
24	1	ROUTE SHEET
23	4	CONTACT, TERMINAL CRIMP
22	1	PLUG, 4 PIN, MOLEX
21	5	CONTACT, TERMINAL CRIMP
20	1	CONNECTOR, PLUG 6 PIN MOLEX
19	2	LOCKWASHER, #8
18	2	NUT, HEX #8
17	2	SCREW, 8-32 x 5/8" LG. BINDER HEAD
16	A/R	INSULATION, 1/4 THK. PLYETHYLENE
15	A/R	INSULATION, 1/2 THK. PLYETHYLENE
14	4	SCREW, 4-40 x 1" LG. BINDER HEAD
13	4	GROMMET RCF7 (CUT ONE SIDE)
12	1	CELL HEATER BLOCK
11	1	SPACER, 6-32 x 3 11/16" LG.
10	1	HEATER, CARTRIDGE
9	2	HEATER, CARTRIDGE
8	1	H 158
7	4	SCREW, 6-32 x .38 LG. BINDER HEAD
6	4	FLAT WASHER - #4
5	8	SCREW, 6-32 x .58 LG. ALLEN HD. CAP SCREW
4	1	CELL BLOCK SUBASSEMBLY
3	1	THERMISTOR SUBASSEMBLY
2	1	COVER
1	1	CELL PLATE SUBASSEMBLY

DATE OF MATERIAL	DESCRIPTION
12/4/01	CELL BLOCK SUBASSEMBLY
1/16/03	THERMISTOR SUBASSEMBLY
12/26/06	CELL PLATE SUBASSEMBLY

SCALE	1:1
SHEET	C-67063
OF 1	1 OF 1
AS LISTED	C-68430
REV	5

STEPS 1-7

1 And lift the cover from over the cell compartment

2 To Remove the old cell, then Remove 4 screws from the block to remove old cell & replace.

3 Hold this Heater Block

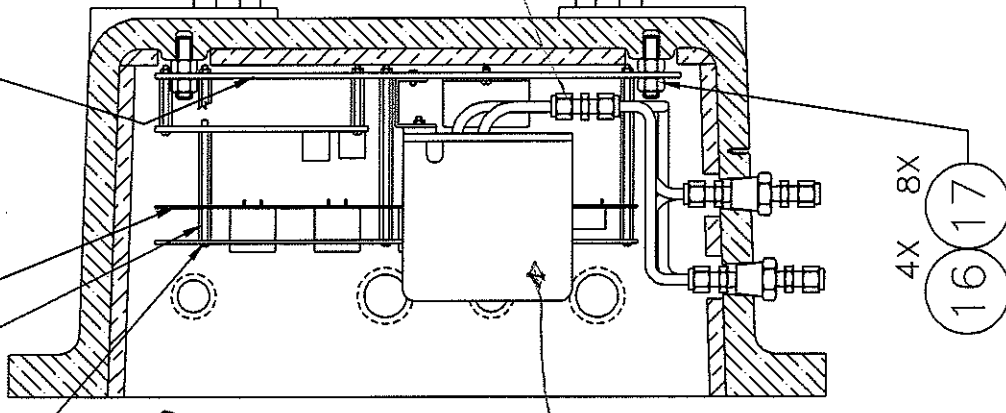
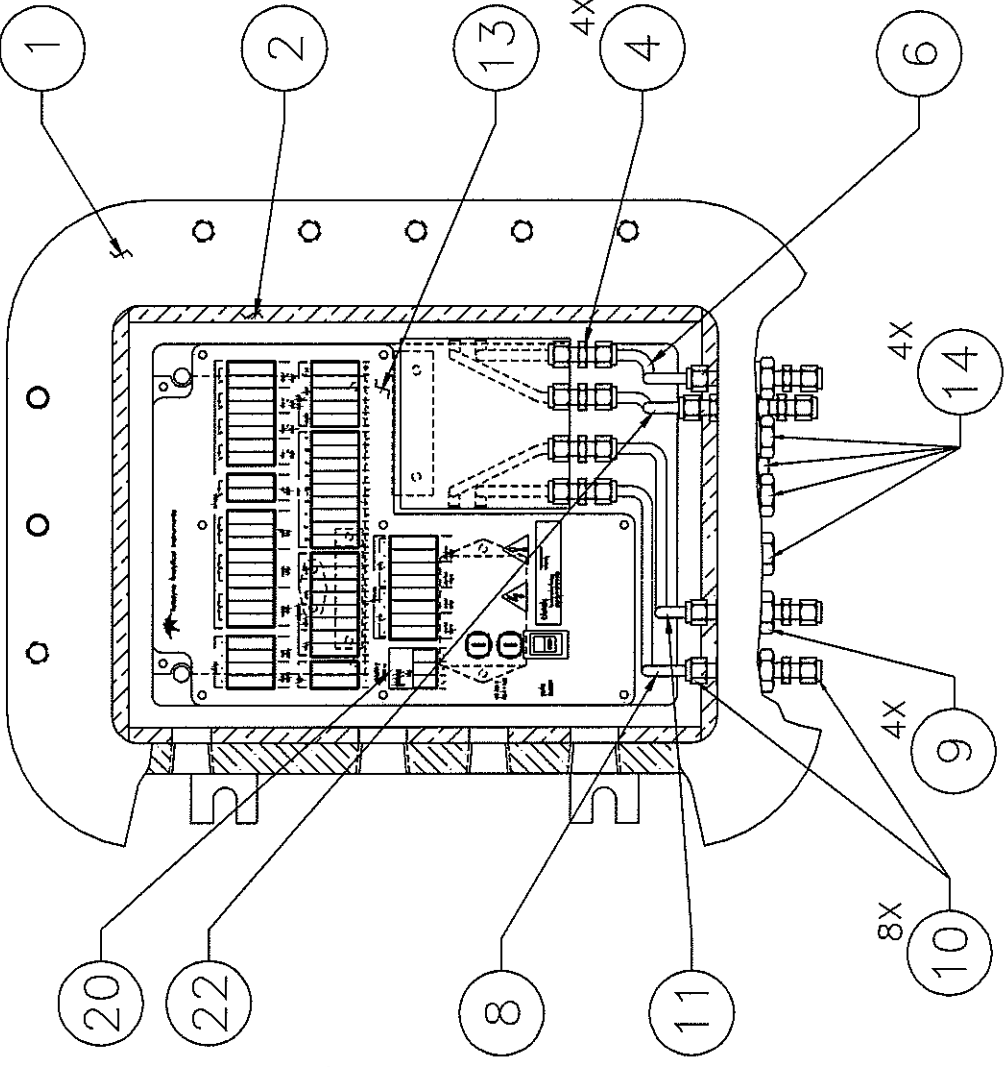
4 Remove 2 screws

5 DE-SOLDER WIRES FROM OLD CELL TOP VIEW

6 REMOVE 4 ALLEN HEAD SCREWS FROM EACH SIDE OF CELLPLATS

7 Install New CELL with 5/16 OZ TOP





*Remove 2 screws  
and  
LIFT  
COVER FROM  
ASSEMBLY.*

*Loosen Tube Fittings  
4X To MAKE IT  
EASIER TO  
RELEASE OLD  
CELL.*