

NOTES:

1. ADJUST CONTRAST POT 10 FULL TURNS
CCW BEFORE INSTALLATION OF DISPLAY.
AFTER INSTALLATION OF DISPLAY ADJUST
CONTRAST POT CW UNTIL DISPLAY
APPEARS.

REVISIONS					
REV	ACTION	DRAWN	CHECKED	APPROVED	DATE
AA	L15518	BUSHNELL	HOOVER	BUSHNELL	07/06/04
AB	D20383	KASTNER	KASTNER	BUSHNELL	07/02/27
AC	D20732	KASTNER	KASTNER	BUSHNELL	07/09/06

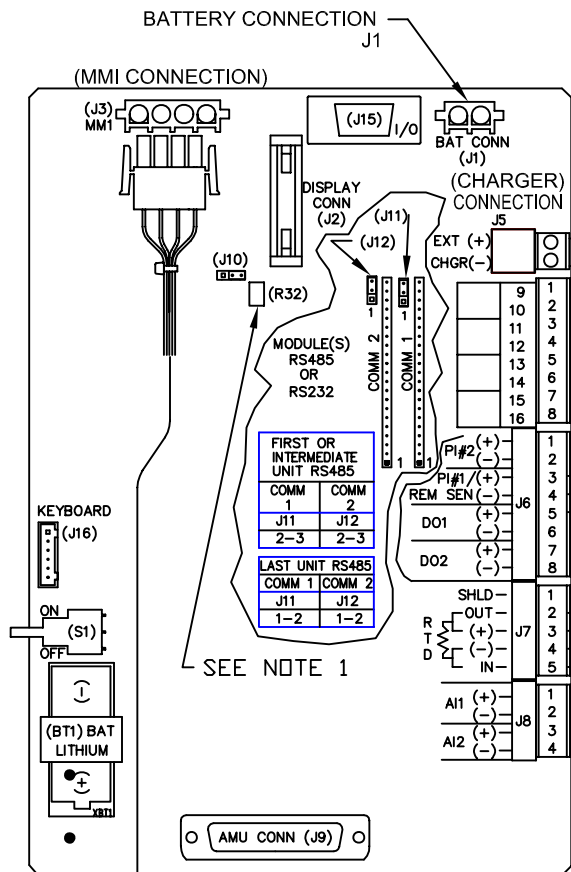
RS232 - COMMUNICATIONS					
ELECTRONICS BOARD		COMM		RS232	TERM BD CABLE ASSY 2100985-002 LABEL
PIN	J4	1	2	OUT IN	
1	GND	●	●		GROUND TB1-5
2	VBATT	●	●	●	VBATT
3	SWVBATT	●	●	●	SWVBATT
4	TXD/BUS+	●		●	TXD
5	BUS+	●			NO CONNECTION
6	RXD/BUS-	●			● RXD BUS-
7	BUS-	●			NO CONNECTION
8	RTS	●		●	RTS BUS+
9	CTS	●		●	CTS
10	DTR	●		●	NO CONNECTION
11	CD	●			NO CONNECTION
12	TXD/BUS+		●	●	NO CONNECTION
13	RXD/BUS-		●		NO CONNECTION
14	RTS		●	●	NO CONNECTION
15	CTS		●		NO CONNECTION
16	OPER	●	●	●	NO CONNECTION

RS485 - COMMUNICATIONS					
ELECTRONICS BOARD		COMM		RS485	TERM BD CABLE ASSY 2100985-002 LABEL
PIN	J4	1	2		
1	GND	●	●	●	GROUND TB1-5
2	VBATT	●	●		NO CONNECTION
3	SWVBATT	●	●		NO CONNECTION
4	TXD/BUS+	●		●	RTS BUS+
5	BUS+	●			NO CONNECTION
6	RXD/BUS-	●		●	RXD BUS-
7	BUS-	●		●	NO CONNECTION
8	RTS	●		●	RRTS
9	CTS	●			NO CONNECTION
10	DTR	●			NO CONNECTION
11	CD	●			NO CONNECTION
12	TXD/BUS+		●		NO CONNECTION
13	RXD/BUS-		●		NO CONNECTION
14	RTS		●		NO CONNECTION
15	CTS		●		NO CONNECTION
16	OPER	●	●	●	OPER

DI/DO	ELECTRONICS BOARD - J6		TERM BD CABLE ASSY 2100985-002 LABEL	
	PIN			
	3	DI+		DI (+)
	4	DI-		DI (-)
5	DO+			DO SW TO GND

ASSEMBLY/QUANTITY		ITEM NO.	PART NUMBER	DESCRIPTION	REF/ZONE DESIG MATERIAL	UNIT MEAS
DO NOT SCALE DRAWING		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		PRODUCT LINE TOTALFLOW®	LEVEL 3	ABB TOTALFLOW Products
THIRD ANGLE PROJECTION		TOLERANCES ARE:		DESIGN J. BUSHNELL	DATE 07/06/06	TITLE WIRING & INTERCONNECT
		DECIMAL .XX ± -		DRAWN J. BUSHNELL	07/06/06	CB195 ELEK BD TO FCU/AIU TERM BD 66XX UPGRADE
		ANGULAR .XXX ± --		CHECKED H. HOOVER	07/07/06	WI
BREAK ALL SHARP CORNERS AND EDGES DIMENSIONS APPLY BEFORE FINISH		APPROVED J. BUSHNELL		07/06/06	SCALE NONE	SIZE B
					DWG TYPE WI	DRAWING NO. 2101649
					REV AC	SHEET 1 OF 2

CABLE ASSY, FCU/AIU TERM BD ASSY TO IMV
2100985-002



CB195 ELECTRONIC BOARD
2100204-XXX
XFC G4 PCBA
2102838-XXX

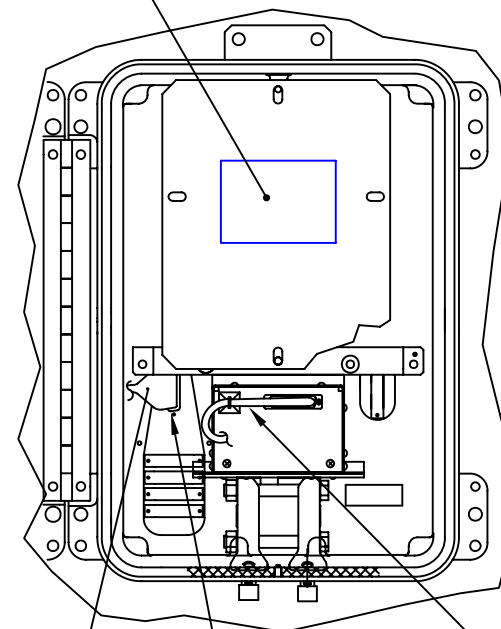
COMMUNICATIONS
(SEE J4 LEGEND)
PINS 1-8 COMM1
PINS 9-16 COMM2

RTD CONNECTION
N.C.
RTDOUT
RTD+
RTD-
RTDIN

RTDIN 15
RTD- 2
RTD+ 14
RTDOUT 1
N/C 3
N/C 6
CHGR(+) 4
CHGR(-) 17
DI(+) 5
DI(-) 7
DO SW TO GND 19
VBATT 18
RRTS 16
OPERATE 7
RTS/BUS+ 20
RXD/BUS- 8
TXD 21
CTS 9
CHGR(+) 10
CHGR(-) 11
GND TB1-5 12
SWVBATT 23
24
25
13

TERMINATION BD ASSY,
FCU/AIU
2010232-XXX

PLACEMENT OF
LEGEND TAG 2103057-001



CABLE NO. 2015218-002
TO AMU
CONNECTOR J9
ON ELECTRONICS BOARD

J1 ON
TERMINATION
BOARD ASSY

2100985-002
DB25

WIRING INTERCONNECT - FCU/AIU TERM BD
TO 2100204-XXX IN 66181 UPGRADE