



AA Model F CONSOLES			M05	M06	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M24	M26	M27	M28	M29	M30	M31	M32
TYPE	NORDCO P/N	CUSTOMER	CUMMINS ENGINE	JOHN DEERE ENGINE	12V RADIO PIGTAIL	RADIO OFF DELAY	TURNTABLE INDICATOR LIGHT W/ BRAKE	ELECTRIC FUEL GAUGE	CPR LIGHTING POWER	REMOTE HORNS	OIL MONITOR	UTILITY LIGHT	OIL TEMP GAUGE	TRAVEL ALARM NO COAST PEDAL	TRAVEL ALARM WITH COAST PEDAL	PERIMETER LIGHTS	CLAMP ARM WORK / TRAVEL SWITCH (CSX)	EXTERNAL E-STOPS	BOARDING FLOOD LIGHT	ELECTRIC ACTUATED SWING SEAT	WIPERS	SPANISH PLAQUE	FILTER INDICATOR LIGHTS
AA-F	31446801	STD		X			X														X		
	31446802	KCS		X	X		X				X										X		
	31446803	CPR		X		X	X		X		X	X	X	X							X		X
	31446804	COLU	X				X			X						X					X	X	
	31446805	CSX	X				X										X	X	X		X		
	314468-	-	-																		X		
	314468-	-	-																		X		

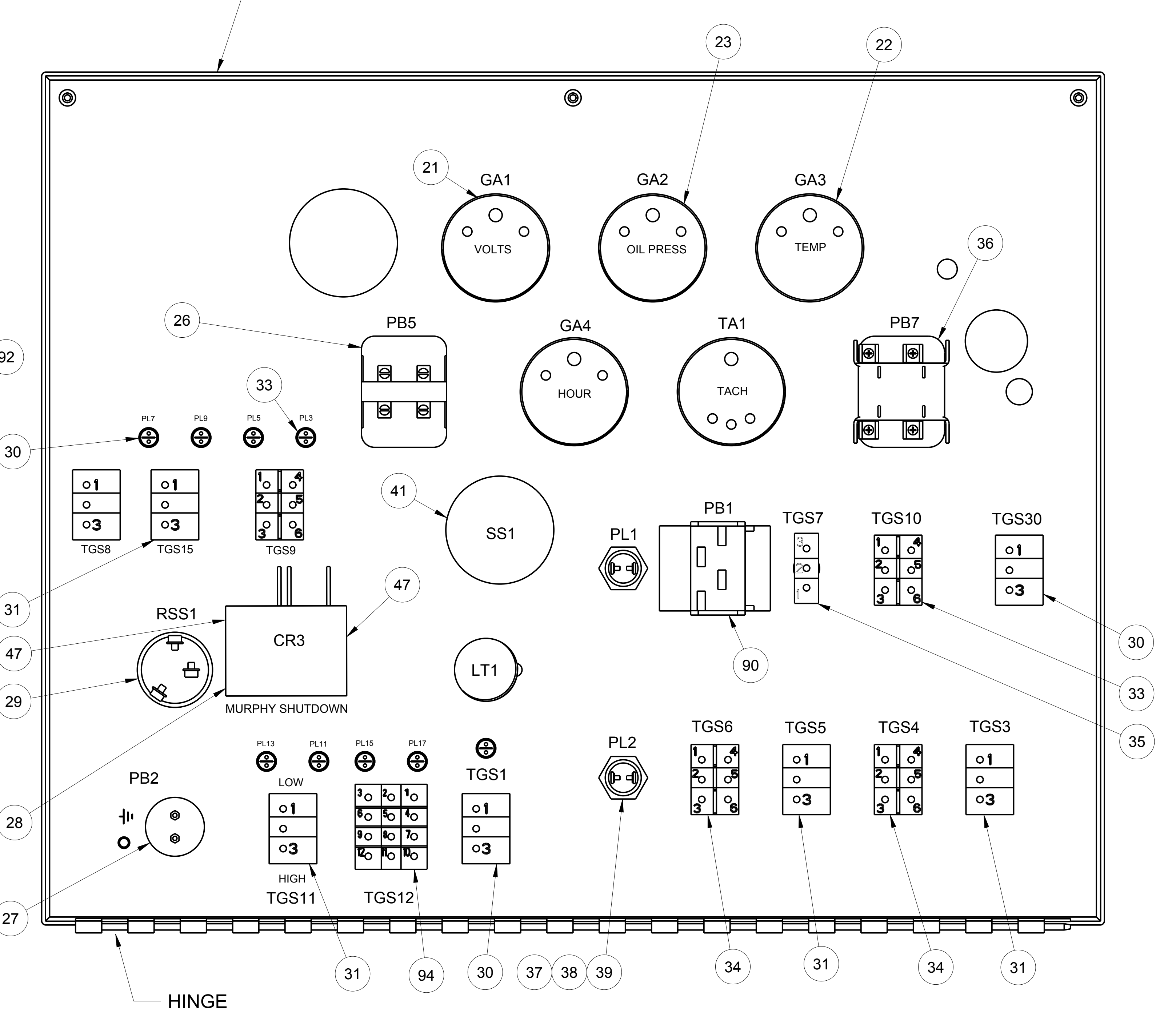
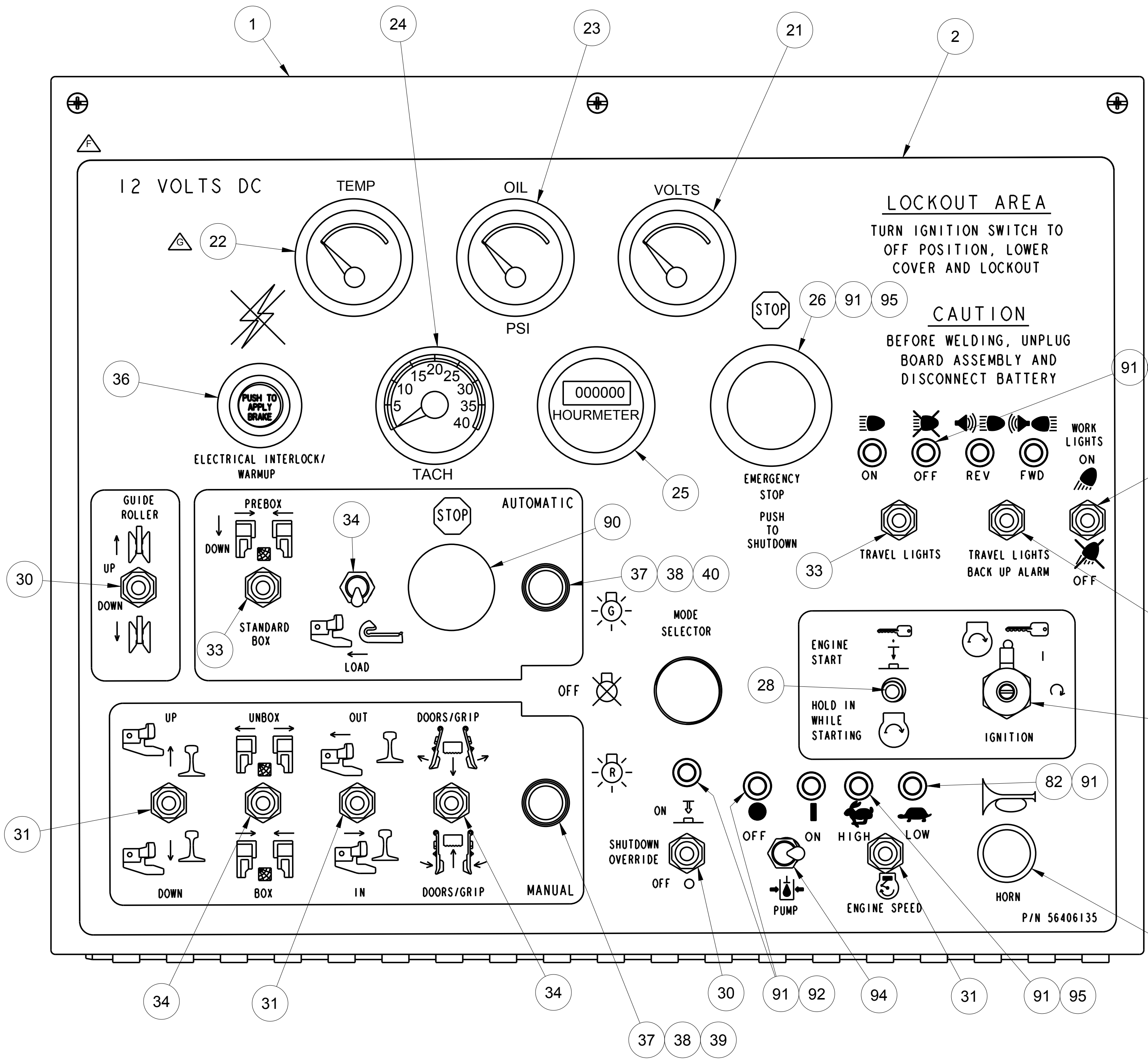
- NOTES:
1. USE CABLE TIES, ITEM 89, AS REQUIRED.
 2. USE WIRE MARKERS AS REQUIRED.
 3. ALL WIRES SIZES AND CONNECTIONS TO BE PER WIRE CONNECTION LIST. (SHEETS 6 & 7).
 4. SEE DRAWING 97681000DWG FOR STD MACHINE SCHEMATIC & 96680407DWG FOR ELECTRICAL SCHEMATIC WITH CRIBBER/BROOM.

S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES					
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06	SIZE	SCALE	DRAWING CODE NUMBER	REV.
XX	± .03	D NTS	31440070	F	F
XXX	± .010				
		ASSEMBLY:-		SHEET 1 OF 15	

OUTSIDE VIEW OF COVER

INSIDE VIEW OF COVER

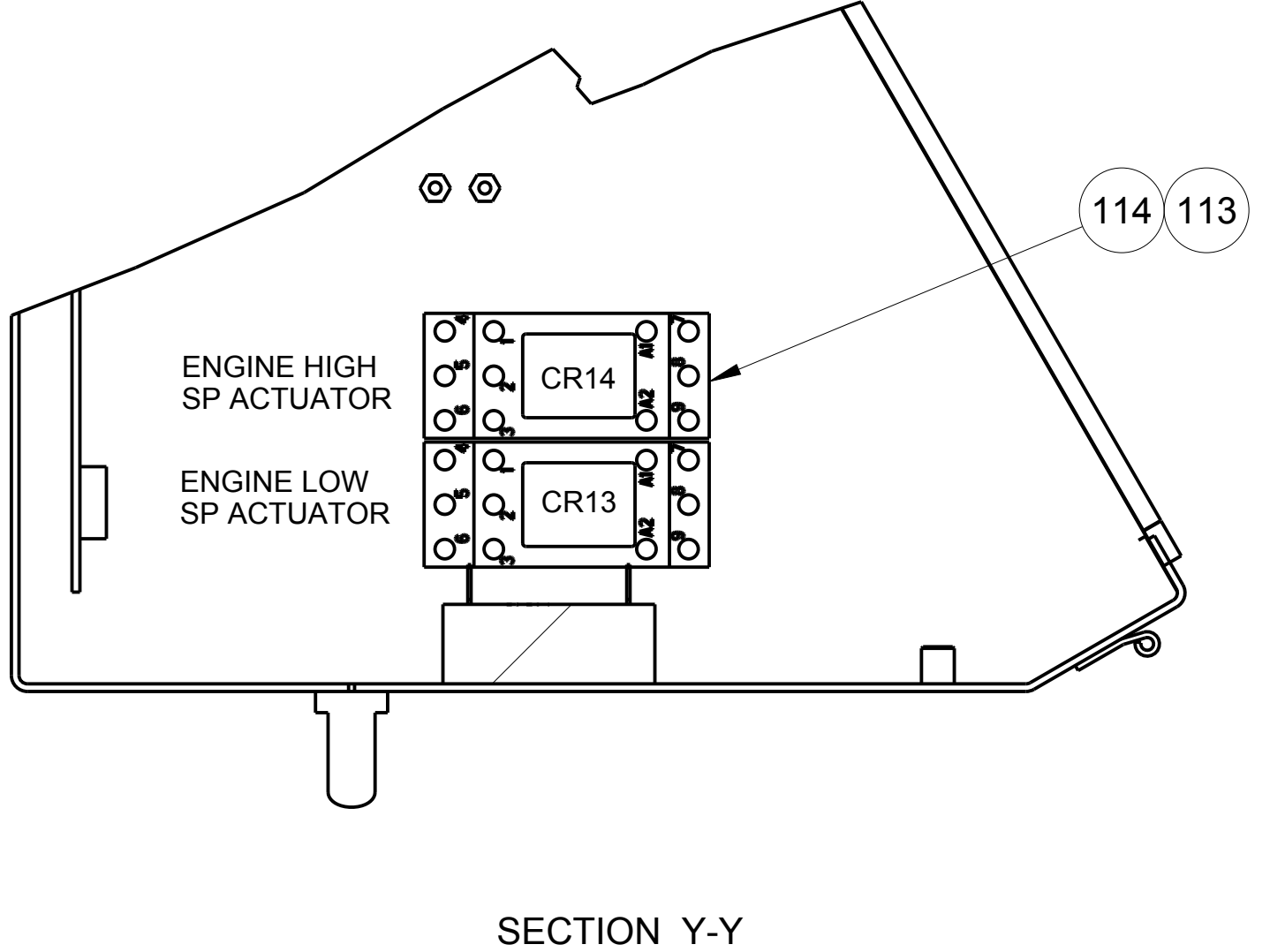
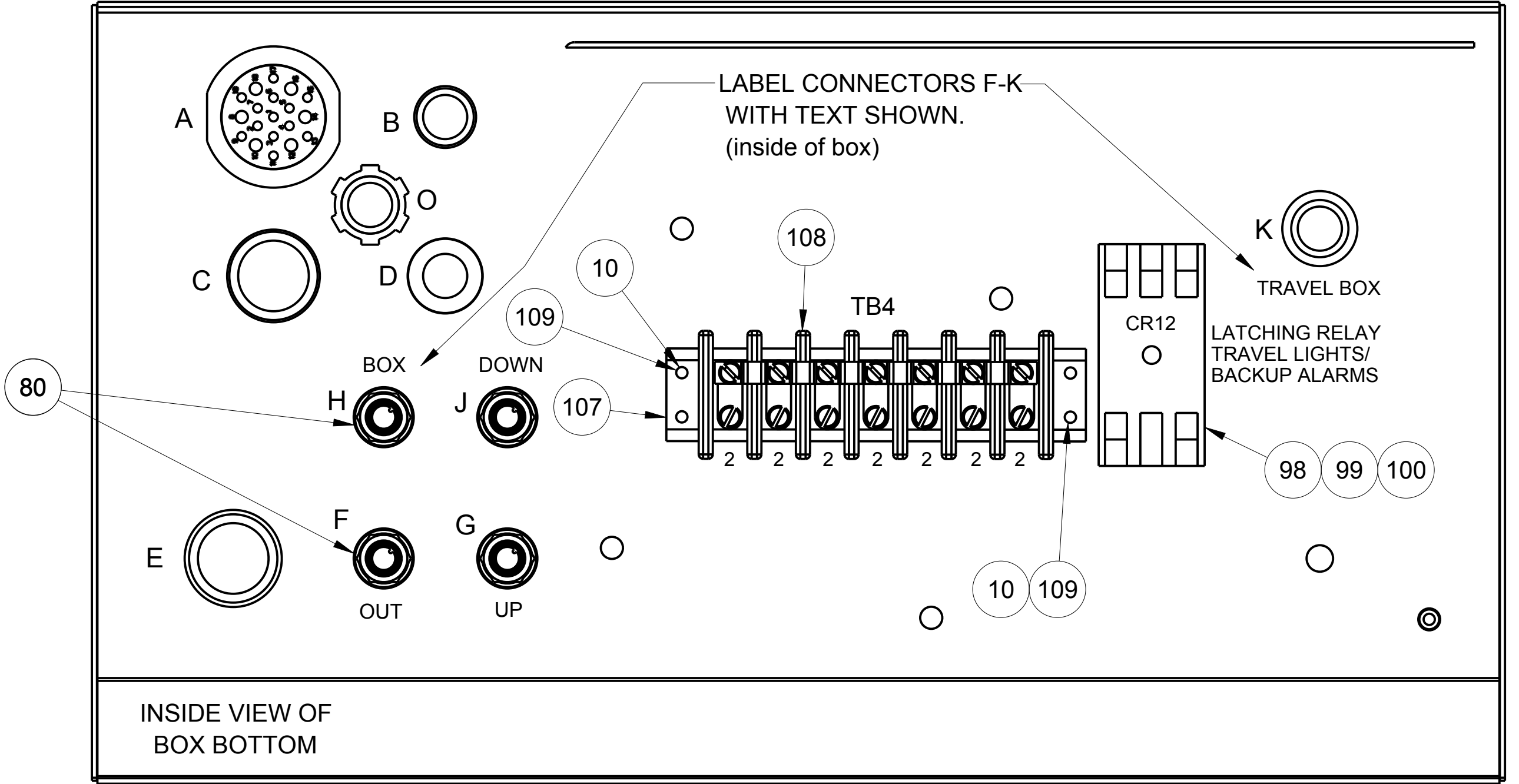
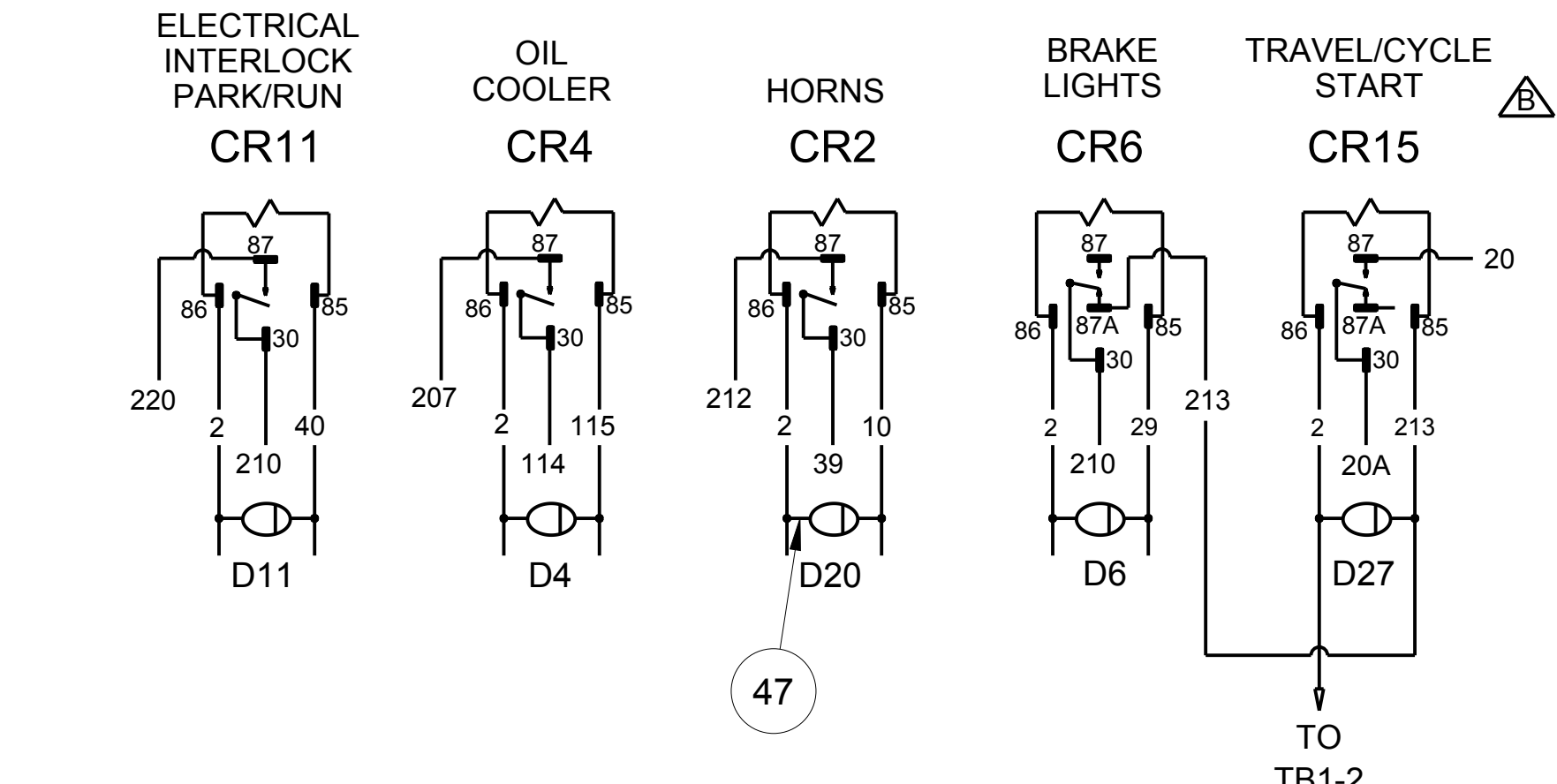
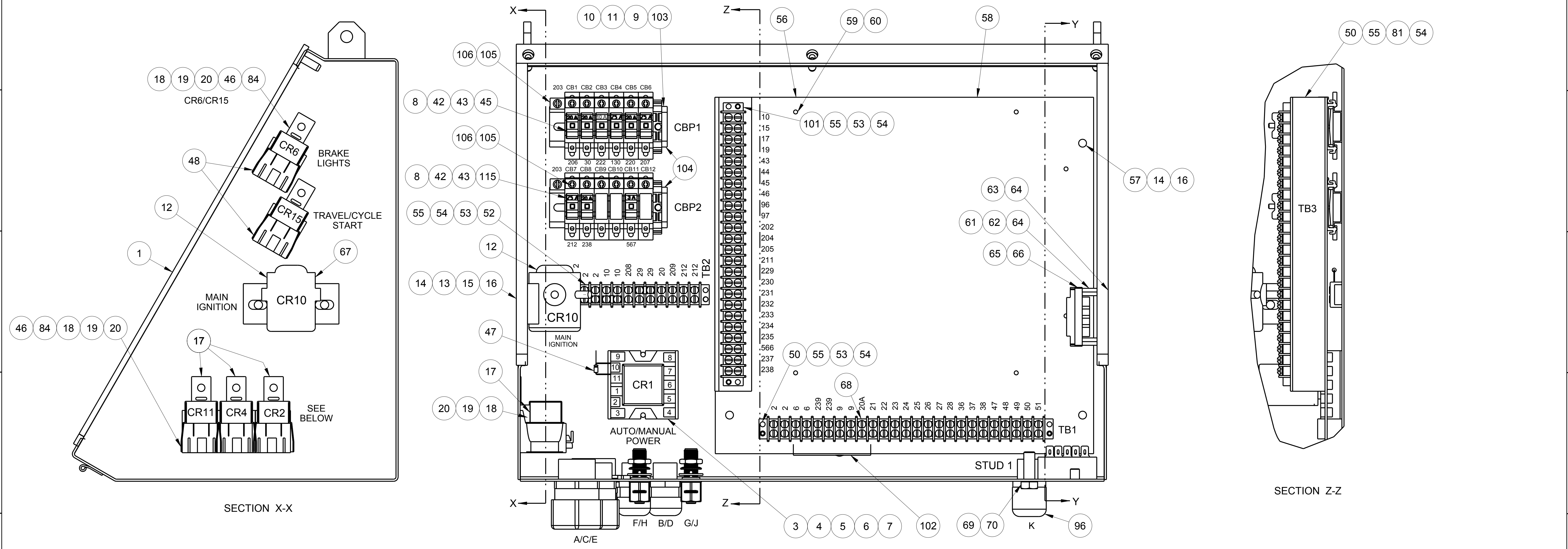


- NOTES:
1. USE CABLE TIES, ITEM 89, AS REQUIRED.
 2. USE WIRE MARKERS AS REQUIRED.
 3. ALL WIRES SIZES AND CONNECTIONS TO BE PER WIRE CONNECTION LIST. (SHEETS 5 & 6).
 4. SEE DRAWING 97681000DWG FOR STD MACHINE SCHEMATIC & 96680407DWG FOR ELECTRICAL SCHEMATIC WITH CRIBBER/BROOM.

S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES				THIRD ANGLE PROJECTION	
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06	SIZE	SCALE	DRAWING CODE NUMBER	REV.
XX	± .03	D NTS		31440070	F
XXX	± .010	ASSEMBLY:-		SHEET 2	OF 15
PLANE ANGLES 45-90°					

INSIDE VIEW OF CONSOLE



- NOTES:
1. USE CABLE TIES, ITEM 89, AS REQUIRED.
 2. USE WIRE MARKERS AS REQUIRED.
 3. ALL WIRES SIZES AND CONNECTIONS TO BE PER WIRE CONNECTION LIST. (SHEETS 5 & 6).
 4. SEE DRAWING 97681000DWG FOR STD MACHINE SCHEMATIC & 96680407DWG FOR ELECTRICAL SCHEMATIC WITH CRIBBER/BROOM.

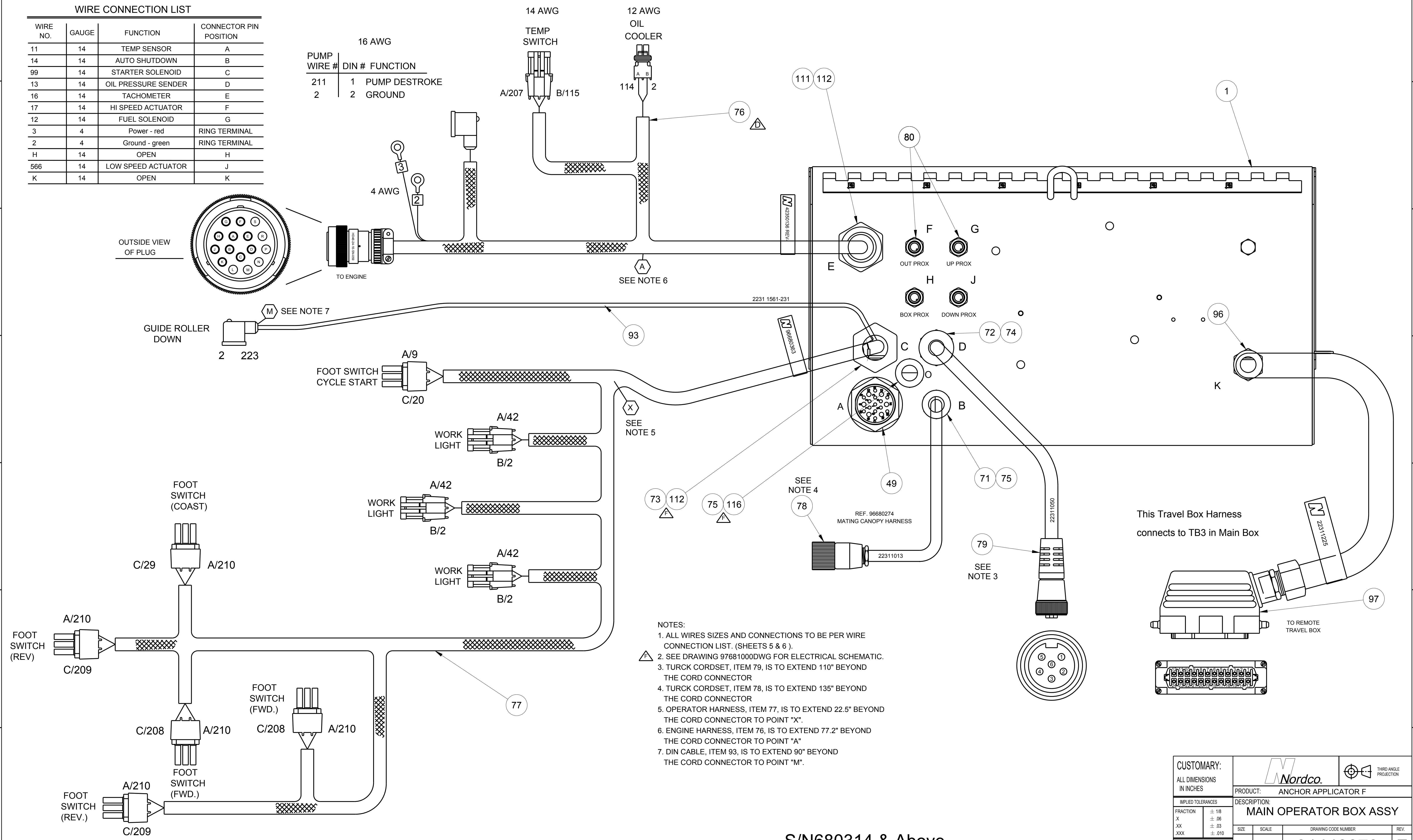
S/N680314 & Above

CUSTOMARY:					
ALL DIMENSIONS IN INCHES		PRODUCT: ANCHOR APPLICATOR F			
IMPLIED TOLERANCES		DESCRIPTION: MAIN OPERATOR BOX ASSY			
FRACTION	± .18	SIZE	SCALE	DRAWING CODE NUMBER	REV.
X	± .06	D NTS		31440070	F
.XX	± .03	ASSEMBLY:-		SHEET 3	OF 15
.XXX	± .010				
PLANE ANGLES 45-90°					

WIRE CONNECTION LIST

WIRE NO.	GAUGE	FUNCTION	CONNECTOR PIN POSITION
11	14	TEMP SENSOR	A
14	14	AUTO SHUTDOWN	B
99	14	STARTER SOLENOID	C
13	14	OIL PRESSURE SENDER	D
16	14	TACHOMETER	E
17	14	HI SPEED ACTUATOR	F
12	14	FUEL SOLENOID	G
3	4	Power - red	RING TERMINAL
2	4	Ground - green	RING TERMINAL
H	14	OPEN	H
566	14	LOW SPEED ACTUATOR	J
K	14	OPEN	K

PUMP WIRE #	DIN #	FUNCTION
211	1	PUMP DESTROKE
2	2	GROUND



- NOTES:
- ALL WIRES SIZES AND CONNECTIONS TO BE PER WIRE CONNECTION LIST. (SHEETS 5 & 6).
 - SEE DRAWING 97681000DWG FOR ELECTRICAL SCHEMATIC.
 - TURCK CORDSET, ITEM 79, IS TO EXTEND 110" BEYOND THE CORD CONNECTOR
 - TURCK CORDSET, ITEM 78, IS TO EXTEND 135" BEYOND THE CORD CONNECTOR
 - OPERATOR HARNESS, ITEM 77, IS TO EXTEND 22.5" BEYOND THE CORD CONNECTOR TO POINT "X".
 - ENGINE HARNESS, ITEM 76, IS TO EXTEND 77.2" BEYOND THE CORD CONNECTOR TO POINT "A"
 - DIN CABLE, ITEM 93, IS TO EXTEND 90" BEYOND THE CORD CONNECTOR TO POINT "M".

S/N680314 & Above



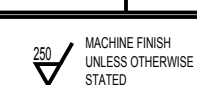
CUSTOMARY: ALL DIMENSIONS IN INCHES				THIRD ANGLE PROJECTION	
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06	SIZE	SCALE	DRAWING CODE NUMBER	REV.
XX	± .03	D	NTS	31440070	F
XXX	± .010	ASSEMBLY:-		SHEET 4	OF 15
PLANE ANGLES 45-90°					

LIST OF MATERIALS

ITEM	PART NO.	QTY	DESCRIPTION	MFR. NO.	DEVICE
1	20295037	1	OPERATOR CONSOLE		
2	56406135	1	PLAQUE		
3	5195896	1	AUTO/MANUAL POWER RELAY		CR1
4	5155180	1	RELAY SOCKET		
5	2837367	2	SCREW, RD HD MACH		
6	3048028	2	NUT, HEX #6-32		
7	3064452	2	LOCKWASHER, #6		
8	53110007	2	PANEL, FUSE		CBP 1,2
9	2837643	4	SCREW, RD HD MACH		
10	3048040	4	NUT, HEX #10-24		
11	3064458	4	LOCKWASHER, #10		
12	61231200	1	MAIN IGNITION RELAY		CR10
13	2774266	2	CAPSCREW, HX HD 1/4-20 X 5/8		
14	3001013	2	NUT, HEX 1/4-20		
15	3060464	10	WASHER, SAE 1/4		
16	3064464	10	LOCKWASHER, 1/4		
17	5195980	3	RELAY,		
18	2837619	5	SCREW, MACH RD HD		
19	3048042	5	NUT, HEX #10-24		
20	3064458	5	LOCKWASHER, #10		
21	7078082	1	VOLTMETER		GA1
22	7055757	1	GAUGE, TEMPERATURE		GA3
23	7022514	1	GAUGE, OIL PRESSURE		GA2
24	7085940	1	TACHOMETER		TA1
25	7088107	1	HOURMETER		GA4
26	5126636	1	SWITCH,		PB5
27	5125960	1	BUTTON, HORN		PB 2
28	5126098	1	SWITCH, MAGNETIC		CR3
29	5126082	1	SWITCH, IGNITION		RSS1
30	5125593	3	SWITCH, TOGGLE ON-OFF		TGS 1,8,30,
31	5125590	4	SWITCH, TOGGLE (ON)OFF(OFF)		TGS 3,5,11,15
32					
33	5125579	2	SWITCH, TOGGLE ON-ON		TGS 9,10
34	5125594	2	SWITCH, TOGGLE (ON) ON		TGS 4,6,
35	5125592	1	SWITCH, TOGGLE (ON) OFF		TGS 7,
36	5126642	1	SWITCH, PUSH BUTTON		
37	5190486	2	LIGHT,		
38	5150184	2	LAMP,		
39	5190821	1	LENS, RED		PL2
40	5190820	1	LENS, GREEN		PL1
41	5126802	1	SWITCH,		SS2
42	5128938	3	CIRC. BREAKER, 25 AMP		
43	5128937	4	CIRC. BREAKER, 20 AMP		
44	5128936	-	CIRC. BREAKER, 15 AMP		
45	5128935	1	CIRC. BREAKER, 10 AMP		
46	5155210	5	RELAY SOCKET		CR2,4,6,11,15
47	29680018	10	DIODE		D3, 4, 6, 11, 20, 21, 22, 25, 26, 27
48	5195982	2	RELAY,		CR6, CR15
49	5120745	1	CONNECTOR, CANOPY		
50	76485225	1	STRIP, TERMINAL		TB3
51	28377499	2	SCREW, RD HD MACHINE		
52	76483006	1	STRIP, TERMINAL		TB2
53	2837361	4	SCREW, RD.HD. MACHINE		
54	3064452	8	LOCKWASHER, #6		
55	3048028	8	NUT, HEX #6-32		
56	57523430	1	CONSOLE PANEL		
57	50270450	4	SHOCK MOUNT,		
58	96680218	1	BOARD AND PLUG ASSEMBLY		
59	2837481	8	SCREW, RD HD MACH		
60	3066565	10	LOCKWASHER, #8		

ITEM	PART NO.	QTY	DESCRIPTION	MFR. NO.	DEVICE
61	18640053	4	SPACER		
62	2801217	4	SCREW, FILLISTER HD MACH		
63	2837217	4	SCREW, RD HD MACH		
64	3064446	8	LOCKWASHER, #4		
65	5120755	1	CONNECTOR		
66	5166526	20	CONTACT, CRIMPED		
67	29680012	1	DIODE		D10
68	5159050	10	JUMPER		
69	3027021	2	HEX JAM NUT, 3/8-16		
70	3064470	1	LOCKWASHER, 3/8		
71	5103814	1	CONNECTOR, CORD		
72	5103824	1	CONNECTOR, CORD		
73	5103834	1	CONNECTOR, CORD		
74	5104016	1	LOCKNUT, CONDUIT		
75	5104014	2	LOCKNUT, CONDUIT		
76	42350136	1	HARNESS, ENGINE		
77	96680363	1	HARNESS, OPERATOR		
78	22311013	1	CORDSET		
79	22311050	1	CORDSET		
80	5120799	4	RECEPTACLE (with leads)		
81	2837349	2	SCREW, RD HD MACH		
82	5191902	1	LAMP, AMBER		PL13
83	5164307	5	TERMINAL,RING 3/8		
84	5158438	20	TERMINAL,RELAY		
85	5164246	AR	TERMINAL,RING #6		
86	5164299	AR	TERMINAL,RING #8		
87	5164304	AR	TERMINAL,RING #6		
88	5164405	AR	TERMINAL,RING #6		
89	5170240	AR	CABLE TIE		
90	5126633	1	SWITCH,		PB1
91	5190950	9	LAMP HOLDER		
92	5191901	3	LAMP, RED		LT1/PL5/PL17
93	22311561-216	1	DIN CABLE		
94	5125585	1	SWITCH,TOGGLE ON/ON		TGS12
95	5190900	5	LAMP, GREEN		PL3/7/9/11/15
96	5103816	1	CONNECTOR, CORD		
97	22311225	1	ASSY, HARNESS TRAVEL BOX		
98	5196104	1	RELAY, LATCHING 11 PIN		CR12
99	5155280	1	SOCKET, RELAY 11 PIN		CR12
100	75060218	1	CLIP, RELAY HOLD-DOWN		CR12
101	76485225	1	STRIP, TERMINAL 24 POINT		TB-3
102	50180016	1	FILTER, POWER SUPPLY		
103	81941104	2	RAIL,FUSE PANEL MTG.		
104	5158448	2	CLAMP, END		
105	5104995	2	BAR, FUSE BUSS		
106	31403662	2	INSULATOR, BUSS BAR		
107	76481960	1	STRIP, TERMINAL		
108	5159052	6	JUMPER		
109	5166425	2	WELD STUD OR EQUIV.		
110	5166425	20	TERMINAL, RING		
111	5103830	1	CONNECTOR, CORD		
112	5104018	2	LOCKNUT, CONDUIT		
113	5155165	2	SOCKET, RELAY 3PDT 12V		CR13,14
114	5195883	2	RELAY, 3PDT 12V		CR13,14
115	5125941	1	CIRC. BREAKER, 3 AMP		
116	5103815	1	CONNECTOR, CORD		
117					
118					
119					
120					

S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES		 	
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F	
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY	
X	± .06	SIZE	SCALE
XX	± .03	DRAWING CODE NUMBER	
XXX	± .010	REV.	
 MACHINE FINISH UNLESS OTHERWISE STATED		D NTS	31440070
PLANE ANGLES 1/4" F		ASSEMBLY:-	SHEET 5 OF 15

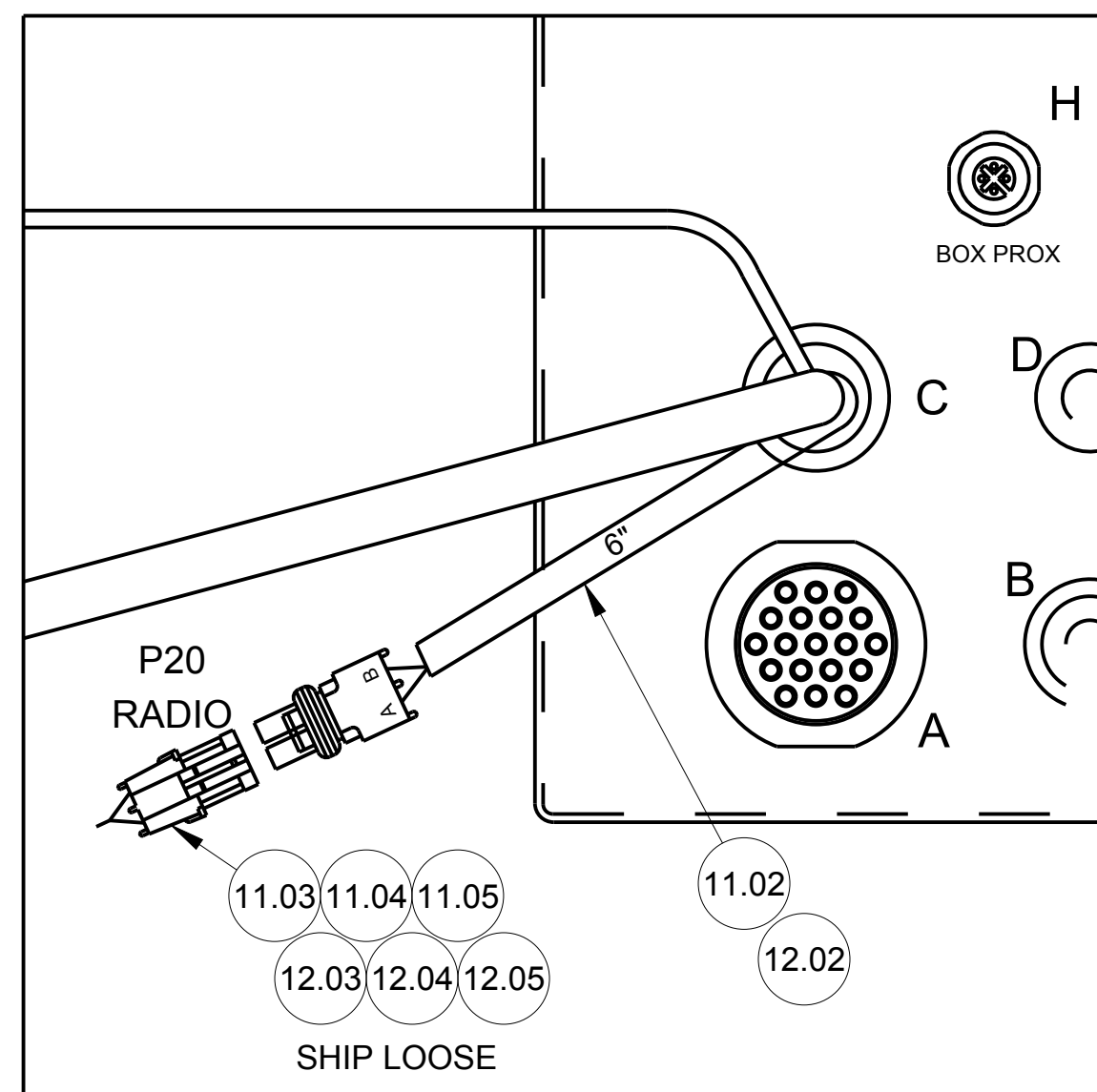
M11

12V RADIO PIGTAIL

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIGNATION	MFR. PART NUMBER
11.01	5128937	1	BREAKER, CIRCUIT, 20A MAN. RESET	CB12	
11.02	22311202-168	1	CABLE, SO 16/2 MALE CONN 16" LG.		
11.03	5166772	1	CONNECTOR, 2-WAY SHROUD	P20	
11.04	5166781	2	TERMINAL, MALE PIN 14-16 AWG		
11.05	5166778	2	SEAL, CABLE, GRAY 14-16 AWG		

DESCRIPTION: ADD A PIGTAIL AND CONNECTOR FOR A 12V CUSTOMER SUPPLIED RADIO.

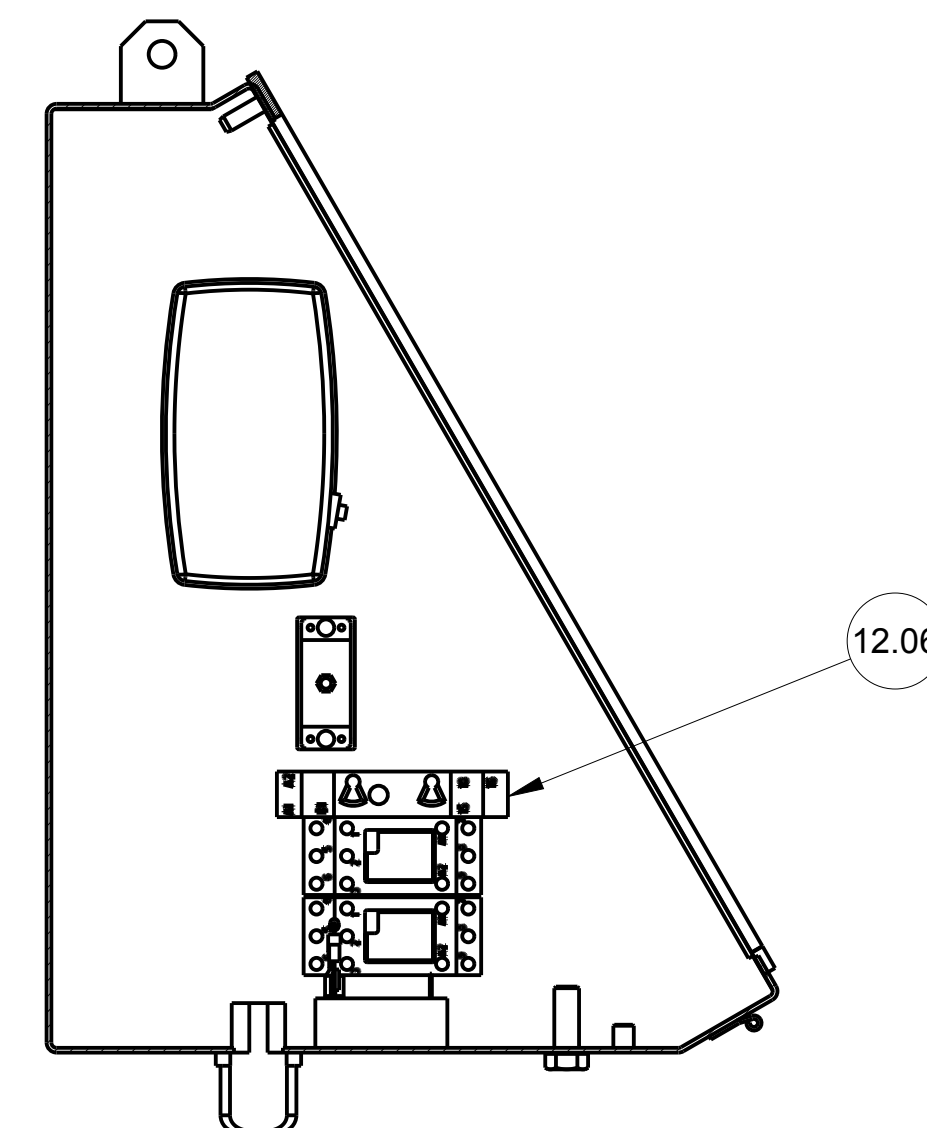
REF: 96680486



M12

RADIO OFF DELAY & PIGTAIL

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIGNATION	MFR. PART NUMBER
12.01	5128937	1	BREAKER, CIRCUIT, 20A MAN. RESET	CB12	
12.02	22311202-168	1	CABLE, SO 16/2 MALE CONN 16" LG.		
12.03	5166772	1	CONNECTOR, 2-WAY SHROUD	P20	
12.04	5166781	2	TERMINAL, MALE PIN 14-16 AWG		
12.05	5166778	2	SEAL, CABLE, GRAY 14-16 AWG		
12.06	80010050	1	TIMER, ADJUSTABLE, MULTI-VOLTAGE MULTIFUNCTION	TMR1	



SECTION A-A

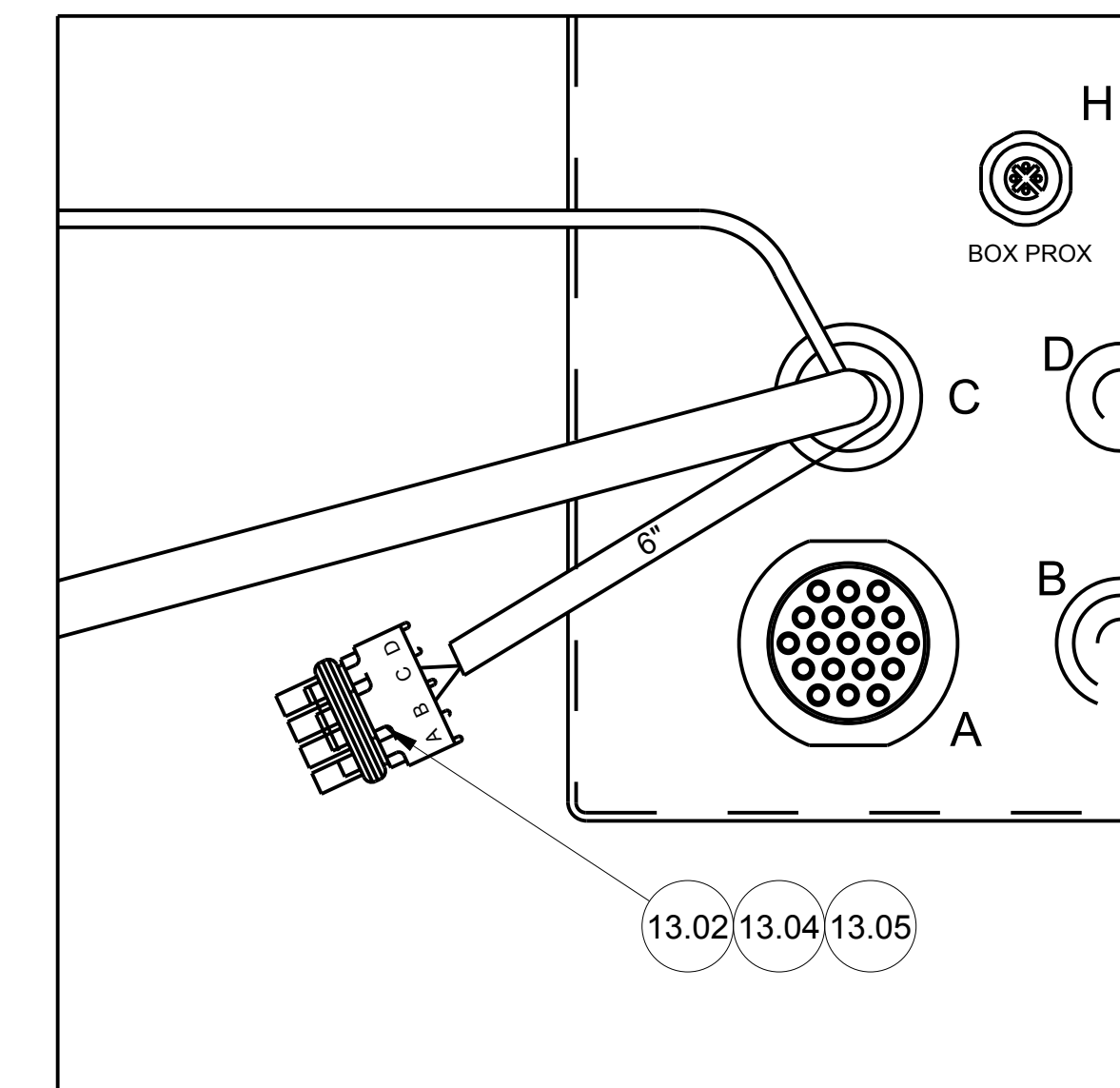
DESCRIPTION: ADD A 2 HOUR OFF-DELAY TIMER AND A PIGTAIL AND CONNECTOR FOR A 12V CUSTOMER SUPPLIED RADIO.

REF: 96680500

M13

TURNTABLE INDICATOR LIGHT & BUZZER

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIGNATION	MFR. PART NUMBER
13.01	5166764	1	CONNECTOR, 4-PIN TOWER	P12	
13.02	5166783	4	TERMINAL, FEMALE SOCKET 14-16 AWG		
13.03	5166778	4	SEAL, CABLE GRAY 14-16 AWG		



DESCRIPTION: CONNECTION FOR EXTERNAL WARNING LIGHT BOX, AND APPLY BRAKES. SEE ALSO MOD M13.

REF: 96680384 / 96680295DWG

S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES		IMPLIED TOLERANCES		NORDCO		THIRD ANGLE PROJECTION	
FRACTION	± .18	PRODUCT: ANCHOR APPLICATOR F		DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06	SIZE	SCALE	DRAWING CODE NUMBER		REV.	
XX	± .03	D NTS		31440070		F	
XXX	± .010	ASSEMBLY:-		SHEET 8 OF 15			
INCHES FINISH UNLESS OTHERWISE STATED		PLANE ANGLES 45-90°					

M14

ELECTRIC FUEL GAUGE

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
14.01	7072100	1	GAUGE, FUEL LEVEL, 12V	GA8	
WIRE LIST					
DESCRIPTION: FUTURE					
REFERENCE: ASSY 96670084					

M15

CPR LIGHTING POWER



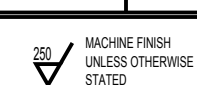
DESCRIPTION: POWER FOR LIGHTS TO BE SUPPLIED DIRECTLY FROM BATTERY, SO THAT LIGHTS REMAIN ON EVEN WITH KEYSWITCH OFF.	
REF: KIT 98680222 AND DRAWING 97685015DWG.	

M16

REMOTE HORNS

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
WIRE LIST					
DESCRIPTION: FUTURE					
REFERENCE: ASSY 96450261					

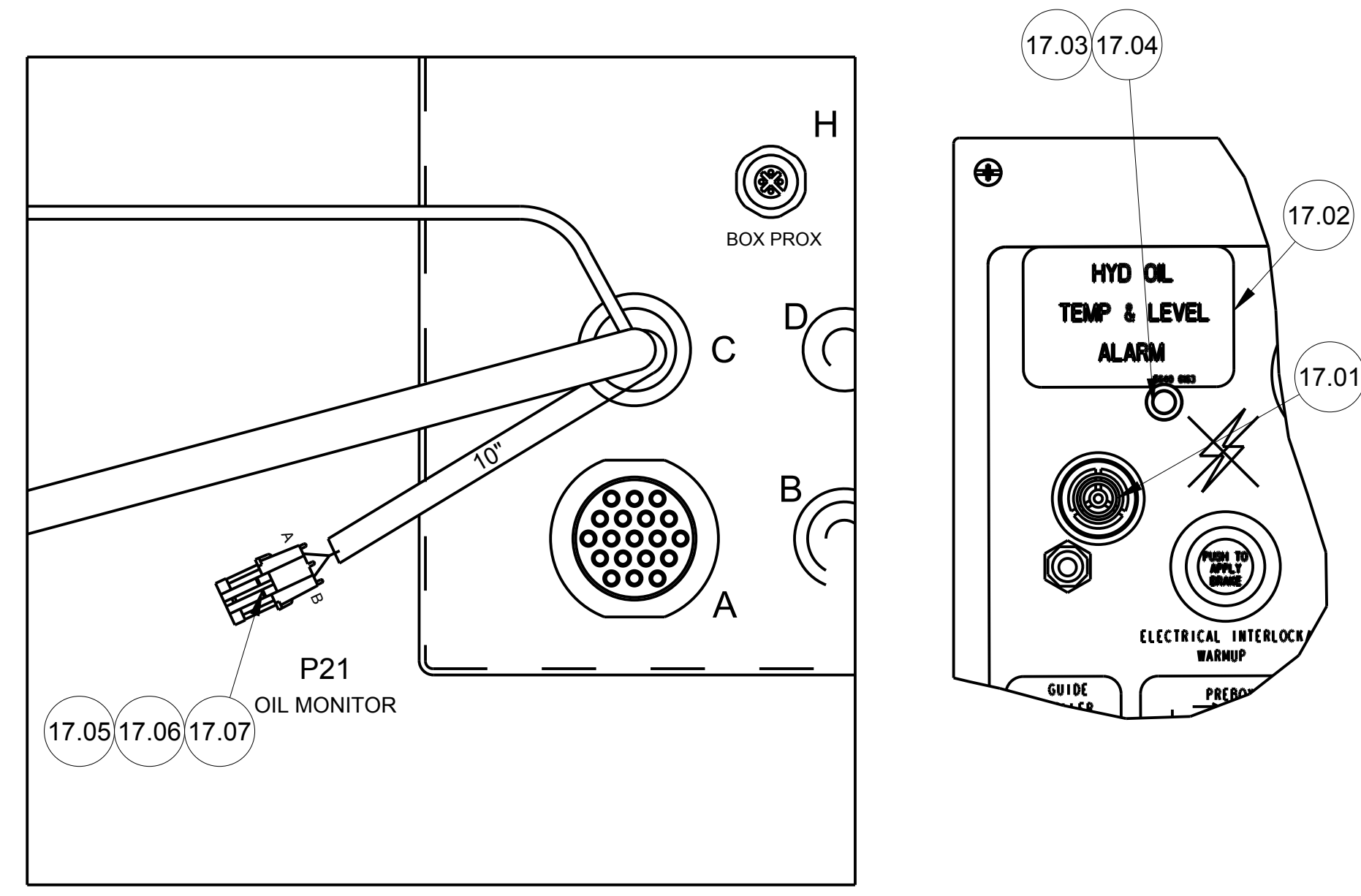
S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES					
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06				
XX	± .03				
XXX	± .010				
		SIZE	SCALE	DRAWING CODE NUMBER	REV.
		D NTS		31440070	F
PLANE ANGLES 45-90°		ASSEMBLY:-		SHEET 9 OF 15	

M17

OIL MONITOR

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
17.01	31403510	1	BUZZER, WARNING	ABU3	
17.02	56406163	1	PLAQUE, WARN HYD OIL TEMP & LVL		
17.03	5190912	1	LAMP, LED, RED	LT31	
17.04	5190950	1	LAMPHOLDER		
17.05	5166772	1	CONNECTOR, 2-WAY SHROUD		
17.06	5166778	2	SEAL, CABLE, GRAY 14-16 AWG	E1	
17.07	5166781	2	TERMINAL, PIN, 14-16 AWG		

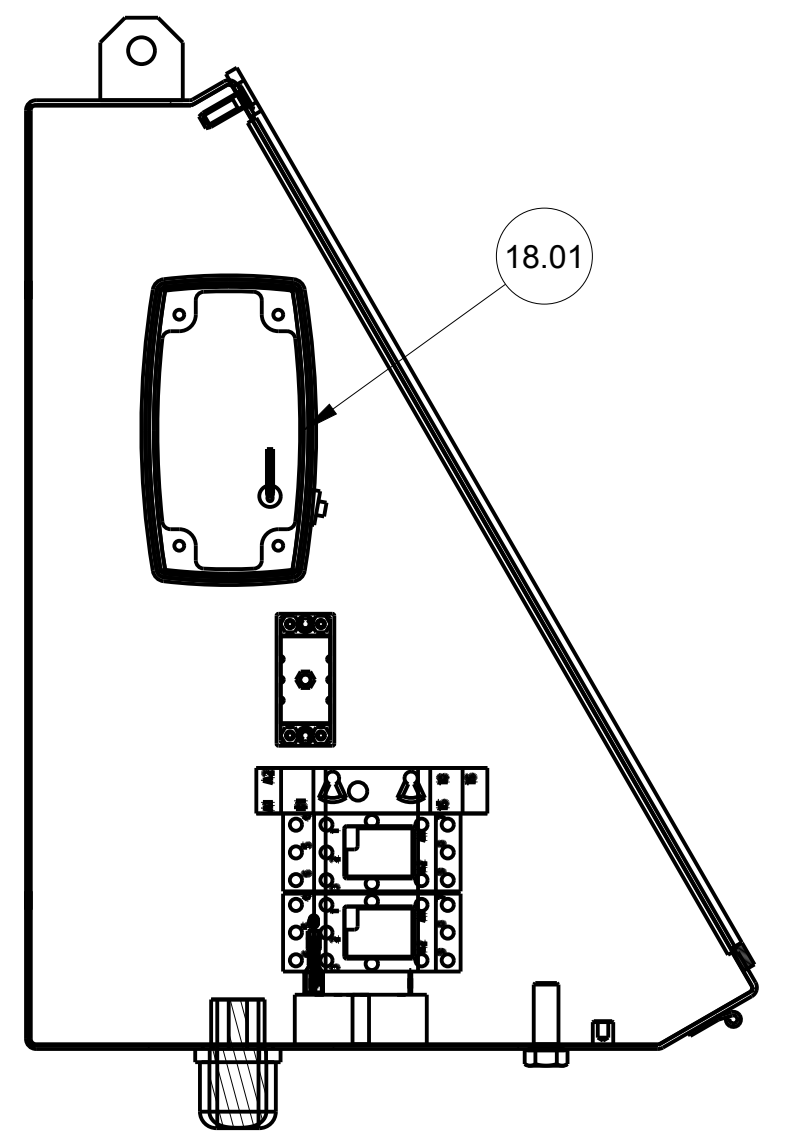


DESCRIPTION: INDICATOR LIGHT AND BUZZER ADDED TO LOGIC BOX FOR HIGH TEMPERATURE / LOW OIL LEVEL INDICATION.
FOR USE WITH ASSY #96680504 (PREVIOUSLY 96680474)

M18

UTILITY LIGHT

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
23.01	5190299	1	DOME LIGHT, 12V, WITH SWITCH AND 2057 BULB	LT	



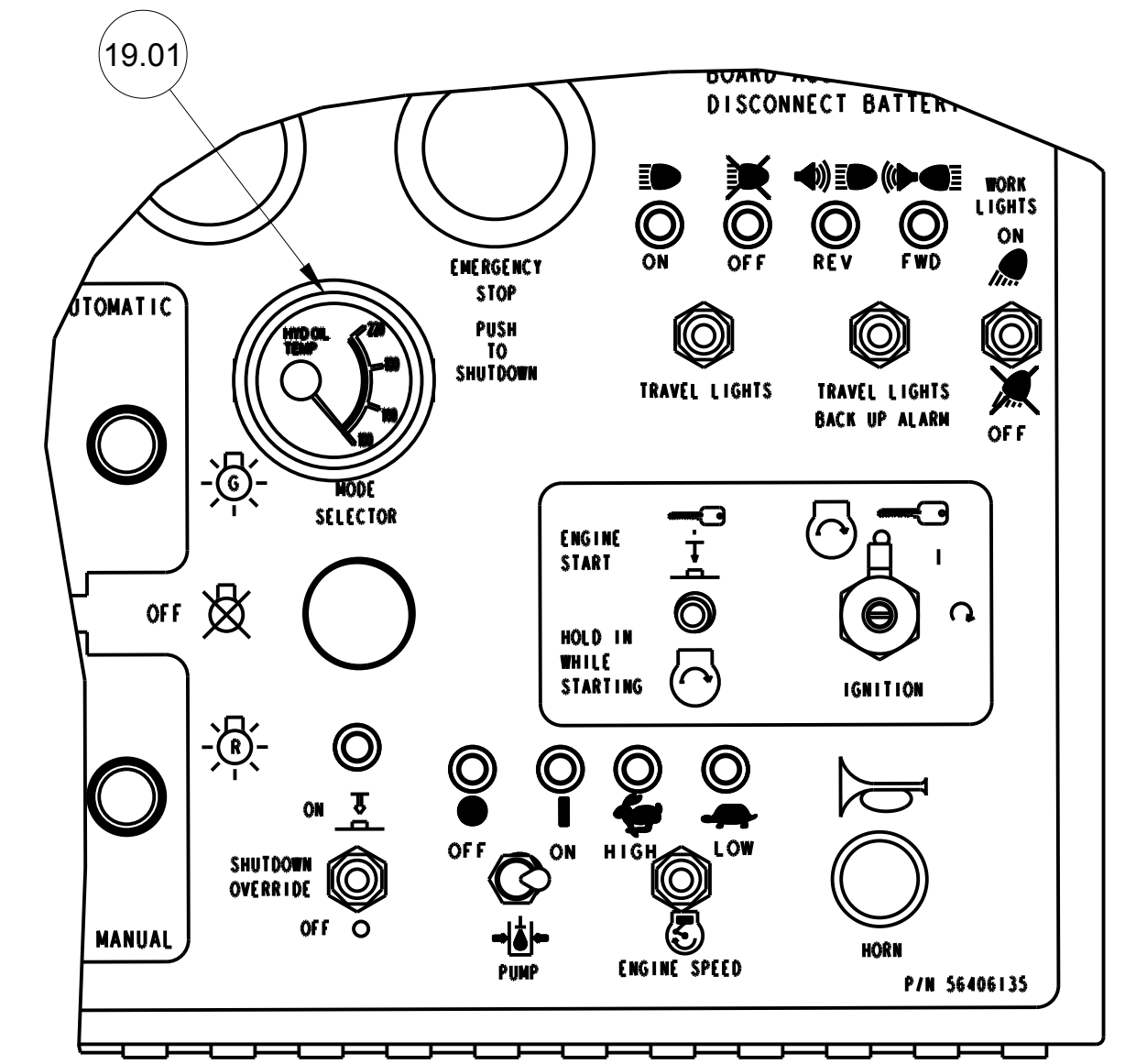
SECTION A-A

DESCRIPTION: ADD TROUBLESHOOTING / UTILITY LIGHT TO CABINET.
DRILL HOLE THRU PLASTIC COVER AND THREAD BLACK AND WHITE WIRES THRU TO CONNECT.

M19

OIL TEMP GAUGE

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
19.01	7050060	1	GAUGE, OIL TEMP	GA7	



DESCRIPTION: HYD OIL TEMP GAUGE - ASSY 96680429 (SENDER = 5193967).

S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES					
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06	SIZE	SCALE	DRAWING CODE NUMBER	REV.
XX	± .03	D	NTS	31440070	F
XXX	± .010	ASSEMBLY:-		SHEET 10	OF 15
<small>SEE MACHINE FINISH UNLESS OTHERWISE STATED</small>		<small>PLANE ANGLES 45-90°</small>			

M20

TRAVEL ALARM W/ NO COAST PEDAL

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
20.01	80010007	1	TIMER, 12V, 2-60s	TMR2	
20.02	61200061	1	RESISTOR, 22 KOHM, 1/2 W	R1	

DESCRIPTION: BACKUP ALARM TIMER - ASSY 96680263
ALARM SOUNDS AT START OF TRAVEL FOR 3 SECONDS, IN "REVERSE" (SWITCHABLE) DIRECTION.

M21

TRAVEL ALARM WITH COAST PEDAL

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
21.01	80010007	1	TIMER, 12V 2-60s	TMR2	
21.02	61200061	1	RESISTOR, 22 KOHM, 1/2 W	R1	

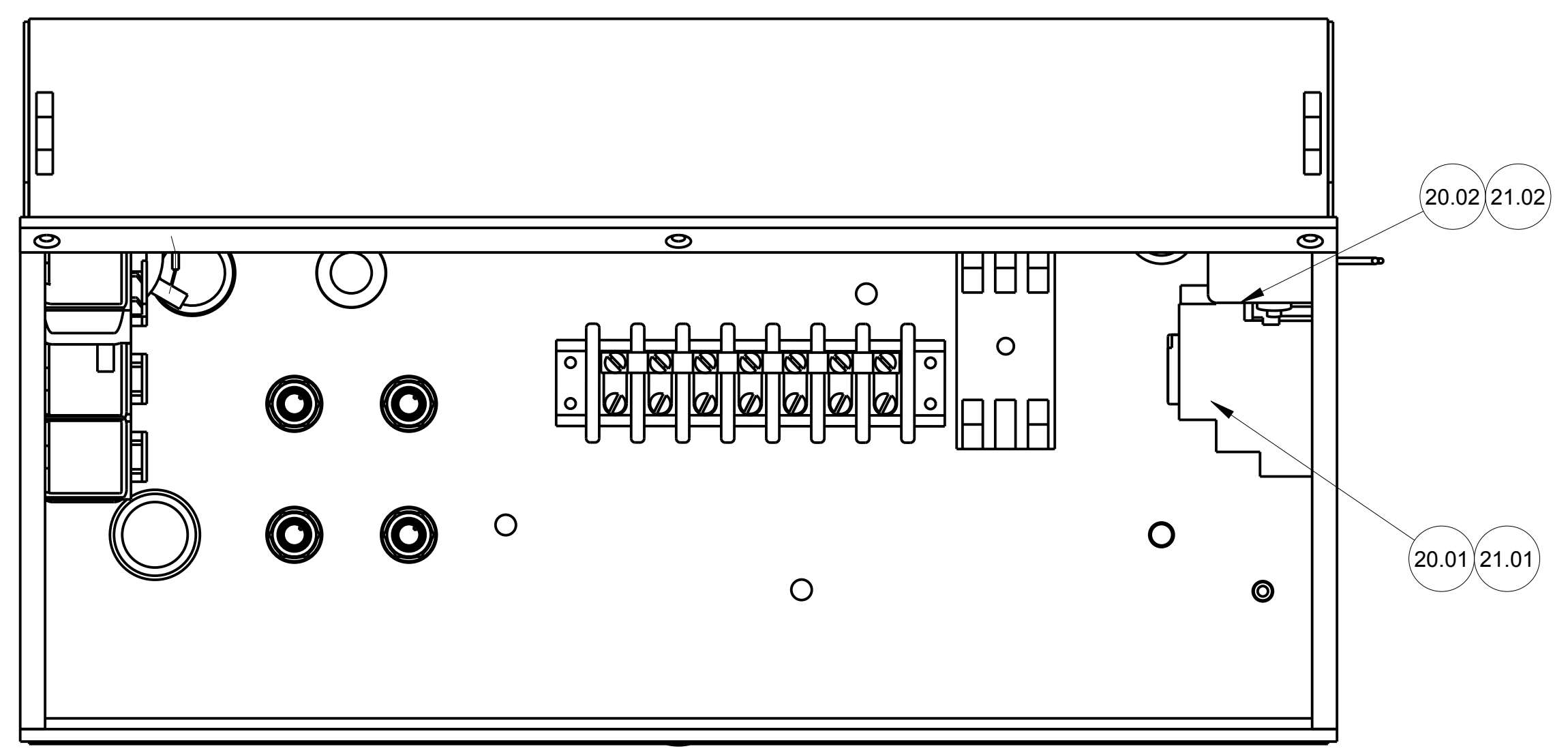
DESCRIPTION: FUTURE - ASSY 96680373 / DRAWING 96680374DWG
ALARM SOUNDS AT START OF TRAVEL FOR 3 SECONDS, EITHER DIRECTION.

M24

PERIMETER LIGHTS

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
24.01	5128939	1	BREAKER, CIRCUIT, 30A MAN. RESET	CB9	
24.02	22311180	1	HARNESS, FLOOD LIGHT POWER	J1	
24.03	5103819	1	CORD GRIP FITTING, .5-.62 1/2 NPT		
24.04	5104014	1	LOCKNUT, COND. 1/2"		

DESCRIPTION: SEE DRAWING 98680221 & KIT 98680220



S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES					
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06				
XX	± .03				
XXX	± .010				
		SIZE	SCALE	DRAWING CODE NUMBER	REV.
		D NTS		31440070	F
ASSEMBLY:-		SHEET 11		OF 15	

M26

CLAMP ARM WORK/TRAVEL SWITCH

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
26.01	5125579	1	SWITCH, TOGGLE, DPDT ON-ON	TGS31	CH #8501K4
27.02	56405359	1	PLAQUE, CLAMP ARM WORK-TRAVEL		

DESCRIPTION: FUTURE
REF: 97685023DWG / ASSY: 96680450

M27

EXTERNAL E-STOPS

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
27.01	22311912-048	1	CABLE,SO 14-2 W/1 PACKARD 2WAY	P23	
27.02	5103820	1	CONN,CABLE STR.38-.50 3/4 NPT		
27.03	5104016	1	LOCKNUT,CONDUIT 3/4NPT		

DESCRIPTION: FUTURE
REF: ASSY 96680470

M28



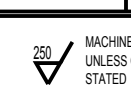
BOARDING FLOOD LIGHTS

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIG. NOTATION	MFR. PART NUMBER
28.01	x	1	x	x	x

WIRE LIST

DESCRIPTION: FUTURE

S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES					
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06				
XX	± .03				
XXX	± .010				
 MACHINE FINISH UNLESS OTHERWISE STATED PLANE ANGLES 45-90°		SIZE	SCALE	DRAWING CODE NUMBER	REV.
		D	NTS	31440070	F
ASSEMBLY:-				SHEET 12 OF 15	

M29

ELECTRIC ACTUATED SWING SEAT

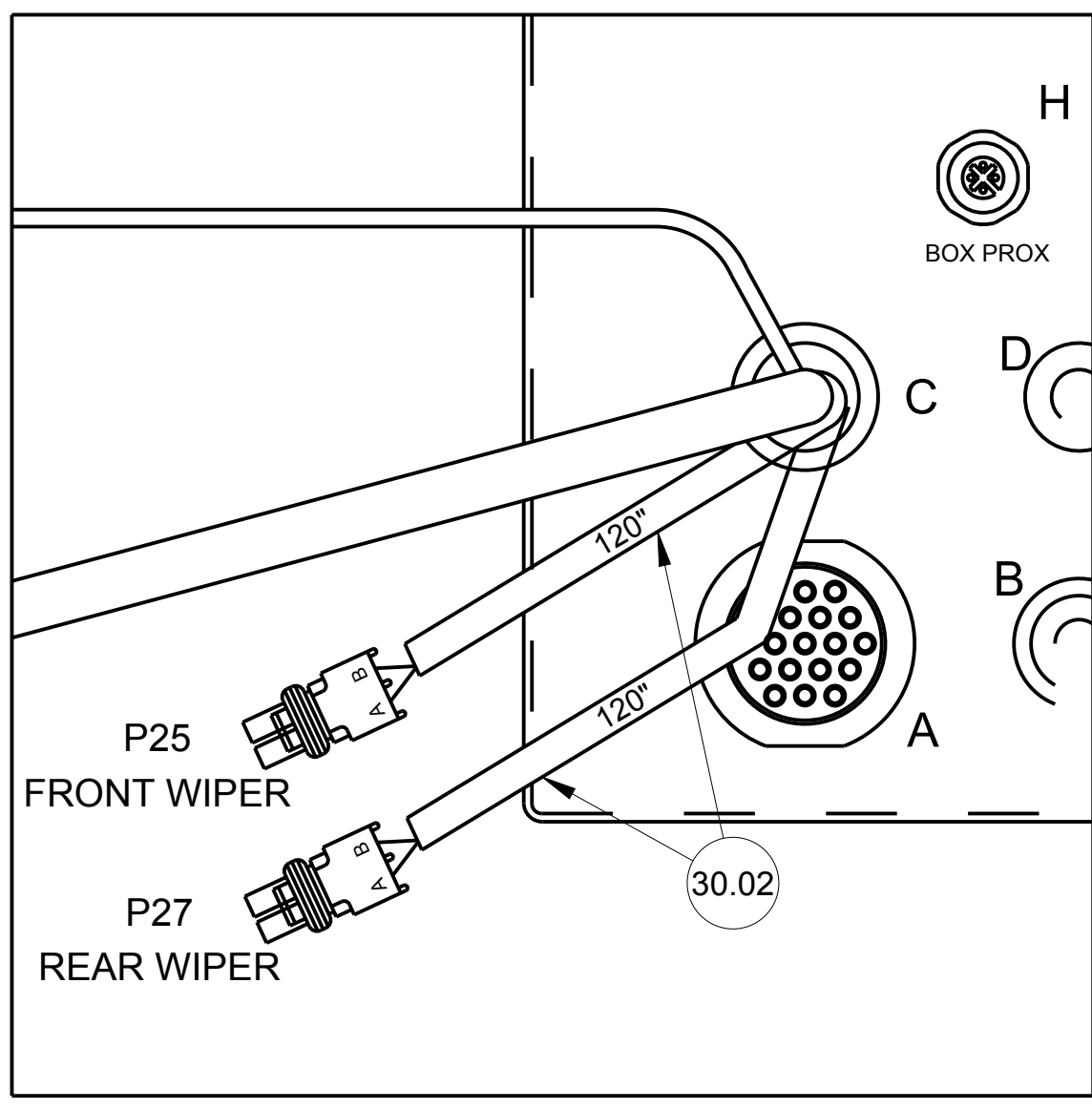
ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIGNATION	MFR. PART NUMBER
29.01	5125588	1	SWITCH, TOGGLE, DPDT (ON)-OFF-(ON)	TGS32	
29.02	5128939	1	CIRCUIT BREAKER, 30A, MAN. RESET	CB10	
29.03	56405338	1	PLAQUE, SEAT UP/DOWN		
29.04	22311912-048	1	CABLE, SO W/ PACKARD 2-WAY	P24	
29.05	5103820	1	CONNECTOR, CABLE STR 3/4 NPT		
29.06	5104016	1	LOCKNUT, CONDUIT, 3/4 NPT		

DESCRIPTION: SWITCH TO CONTROL UP/DOWN MOVMENT OF SWING SEAT.
 REFERENCE: 97685024DWG & ASSY 96680475

M30

WINDSHIELD WIPERS

ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIGNATION	MFR. PART NUMBER
30.01	5128936	1	CIRCUIT BREAKER, 15A MAN. RESET	CB12	
30.02	22311202-168	2	CABLE, 16/2 W/ PACKARD	P25 P27	



DESCRIPTION: POWER FOR FRONT AND REAR WIPERS
 (REF: CABLES 42350216 AND BOXES 31445107)

M31

SPANISH PLAQUE

ADD / REMOVE	NORDCO P/N	QTY	DESCRIPTION
REMOVE	56406135	1	PLAQUE,BOX OPERATOR
ADD	56406460	1	PLAQUE,OPERATOR BOX - SPANISH

DESCRIPTION: SPANISH OPERATOR BOX PLAQUE

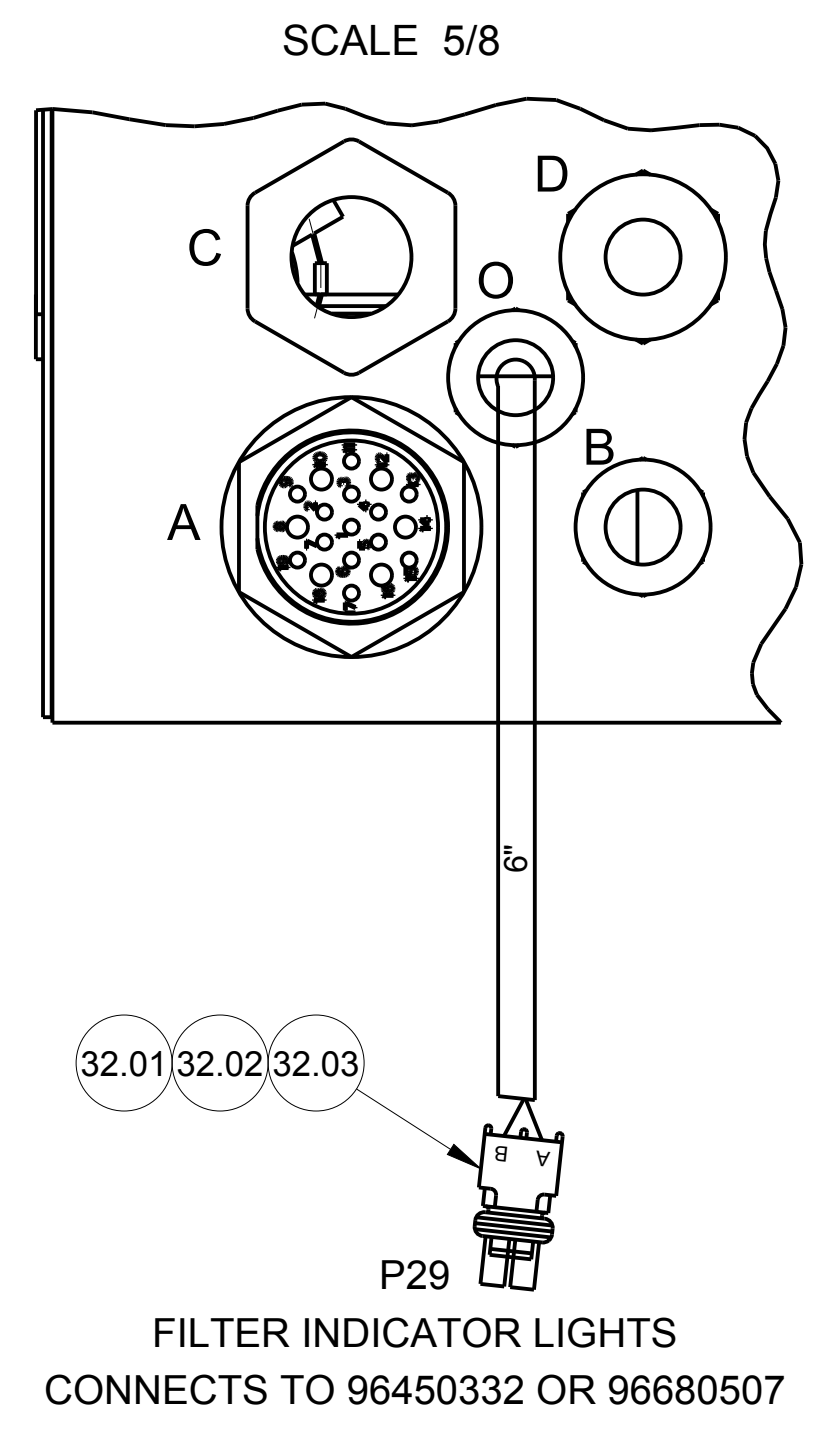
S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES					
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06	SIZE	SCALE	DRAWING CODE NUMBER	REV.
XX	± .03	D	NTS	31440070	F
XXX	± .010	ASSEMBLY:-		SHEET 13	OF 15
<small>UNLESS OTHERWISE STATED</small>		<small>PLANE ANGLES 45-90°</small>			

M32

FILTER INDICATOR LIGHTS

ADD / REM	ITEM	NORDCO P/N	QTY	DESCRIPTION	DESIGNATION	MFR. PART NUMBER
ADD	32.01	5166762	1	CONNECTOR, 2-PIN TOWER		
ADD	32.02	5166793	2	TERMINAL, FEMALE SOCKET 14-16 AWG	P29	
ADD	32.03	5166778	2	SEAL, CABLE GRAY 14-16 AWG		



DESCRIPTION: PRESSURE, RETURN & CASE DRAIN (IF SELECTED)
 FILTER INDICATOR LIGHTS

S/N680314 & Above

CUSTOMARY: ALL DIMENSIONS IN INCHES					
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F			
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY			
X	± .06				
XX	± .03				
XXX	± .010				
		SIZE	SCALE	DRAWING CODE NUMBER	REV.
		D NTS		31440070	F
PLANE ANGLES 1/4" - 1"		ASSEMBLY:-		SHEET 14 OF 15	

ECO	53920	REV -	
DRAWN BY:		CHECKED BY:	APPROVED BY:
MKS 12-12-06		JLE 01-15-07	WDS 01-15-07
SHEET	CHANGE		
ALL	NEW ISSUE		

ECO	54022	REV A	
DRAWN BY:		CHECKED BY:	APPROVED BY:
MKS 04-27-07		JLE 05-11-07	WDS 05-11-07
SHEET	CHANGE		
1	TGS11-1 WAS 97 TGS11-3 WAS 96		
4	ITEMS 18-20,46 WERE QTY 4 (NOW 5). ITEM 47 WAS QTY 8. ITEM 48 WAS QTY 1.		
6	WIRE 96 WAS AT TGS11-3 AND CR14-7. WIRE 97 WAS AT TGS11-1 AND CR13-7.		




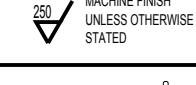

ECO	54064	REV B	
DRAWN BY:		CHECKED BY:	APPROVED BY:
MKS 06-19-07		JLE 06-25-07	WDS 06-27-07
SHEET	CHANGE		
2	ADDED CR15. ADDED WIRE 20 IN TB2. CHANGED WIRE 20 TO 20A IN TB1.		
4	ITEMS 18-20,46 & 48 QTY'S WERE ALL CHANGED PREMATURELY AT REVA IN ERROR BUT NOW VALID. ITEM 47 WAS QTY 9. ITEM 48 WAS QTY 1.		
5	MOVED "N1 PLUG" CONNECTIONS FROM SHEET 6 TO SHEET 5 TO MAKE MORE ROOM ON SHEET 6. RE-ARRANGED SHEET 5 FOR BETTER ORGANIZATION.		
6	ADDED WIRES 20, 20A & 213. ADDED DIODE 27 CONNECTIONS AT CR15 AND A WIRE #2 BETWEEN CR15-86 & TB1-2.		

ECO	54282	REV C	
DRAWN BY:		CHECKED BY:	APPROVED BY:
MKS 03-14-08		SCR 03-18-08	MKP 03-26-08
SHEET	CHANGE		
4	ITEM 80 P/N LISTED IN ERROR AS 5120717, DESCRIPTION WAS CORRECT.		

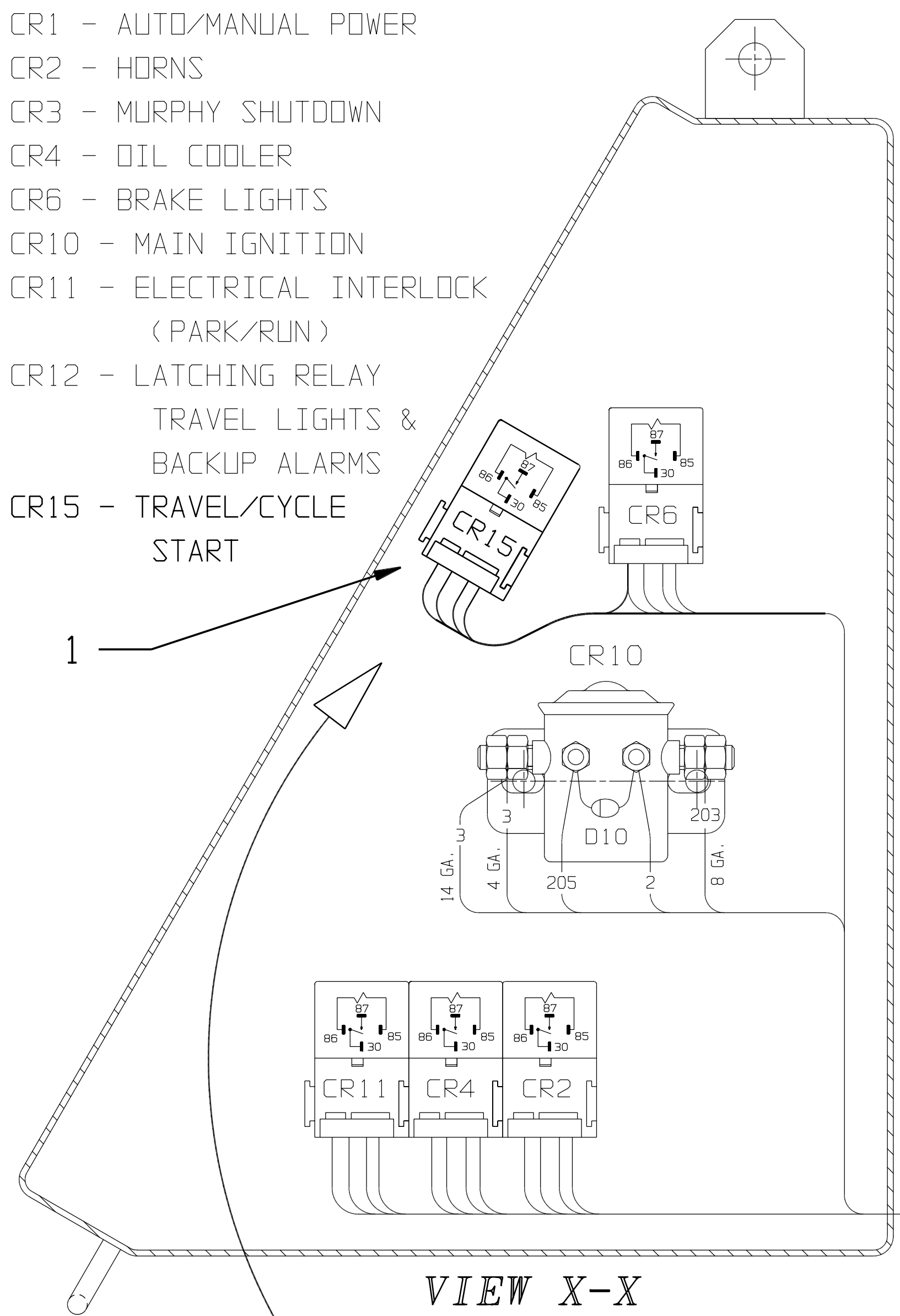
ECO	54286	REV D	
DRAWN BY:		CHECKED BY:	APPROVED BY:
SWA 07-17-08		SCR 07-26-08	MK 08-12-08
SHEET	CHANGE		
3	CHANGED PICTURE OF OIL COOLER CONNECTOR		
4	ITEM 76 HARNESS 4235 0136 WAS 2231 1166		

ECO	600845	REV E	
DRAWN BY:		CHECKED BY:	APPROVED BY:
SWA 11-07-12		SCR, 11-17-12	
SHEET	CHANGE		
4	TABLE COLUMNS "DESCRIPTION", "MFR NO", & "DEVICE" WERE ONE COLUMN "PART NAME". ITEM 100 PART NO 75060218 WAS 7506 218.		
5	DEVICE NAME & LETTER IN TOP ROW WAS BENEATH THE COLUMN HEADERS ROW.		
6	4 TABLES REDUCED FROM 5 & GAPS ADDED. TABLE 1 WIRE #2 ROWS BETWEEN JUMPER (ITEM 68) & WIRE #3 ROW WERE TABLE 5.		

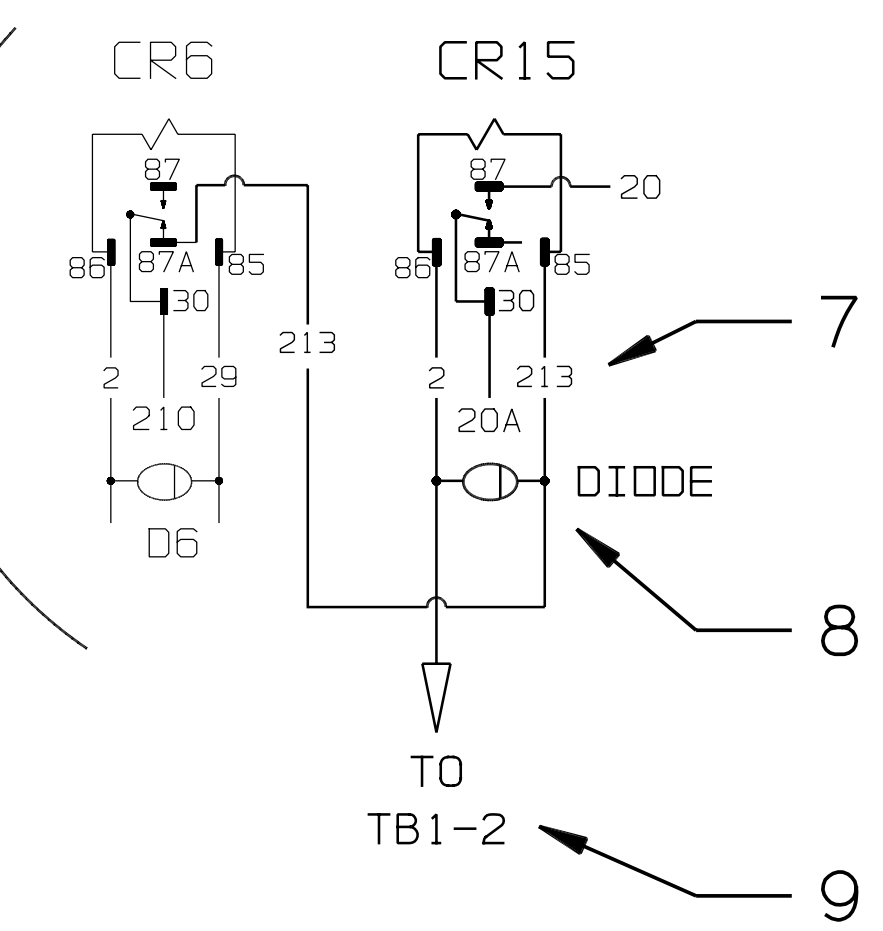
ECO	601674	REV F	
DRAWN BY:		CHECKED BY:	APPROVED BY:
JWW/MCJ/JNJ 04-25-16, 07-01-16			
SHEET	CHANGE		
1	ADDED THIS SHEET (MOD CHART).		
2	REMODELED PLAQUE UPDATED DRAWING NOTE		
3	REPLACED SKETCHED VIEWS WITH MODEL VIEWS UPDATED DRAWING NOTE		
4	ITEM 112 WAS 74 ADDED ITEMS 75,116 UPDATED DRAWING NOTE REMOVED ITEM 74 [E3];		
5	UPDATED BOM - "HINES" CORRECTED TO "HINDS", ITEM 73, P/N 5103834 WAS 5103818 ITEM 74, QTY 1 WAS 2 ITEM 75, QTY 2 WAS 1 ITEM 112, QTY 2 WAS 1 ITEM 116, ADDED P/N 5103815		
6	UPDATED DRAWING NOTE ADDED "@'"s TO D TERMINALS.		
7	CORRECTION: WIRE 27 WAS 17		
8-14	ADDED THESE SHEETS (ALL MODS)		

CUSTOMARY: ALL DIMENSIONS IN INCHES		 	
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR F	
FRACTION	± .18	DESCRIPTION: MAIN OPERATOR BOX ASSY	
X	± .06		
XX	± .03		
XXX	± .010		
		SIZE	SCALE
		DRAWING CODE NUMBER	
		D NTS	31440070
PLANE ANGLES 45-90°		ASSEMBLY:-	SHEET 15 OF 15

- CR1 - AUTO/MANUAL POWER
- CR2 - HORNS
- CR3 - MURPHY SHUTDOWN
- CR4 - OIL COOLER
- CR6 - BRAKE LIGHTS
- CR10 - MAIN IGNITION
- CR11 - ELECTRICAL INTERLOCK (PARK/RUN)
- CR12 - LATCHING RELAY TRAVEL LIGHTS & BACKUP ALARMS
- CR15 - TRAVEL/CYCLE START

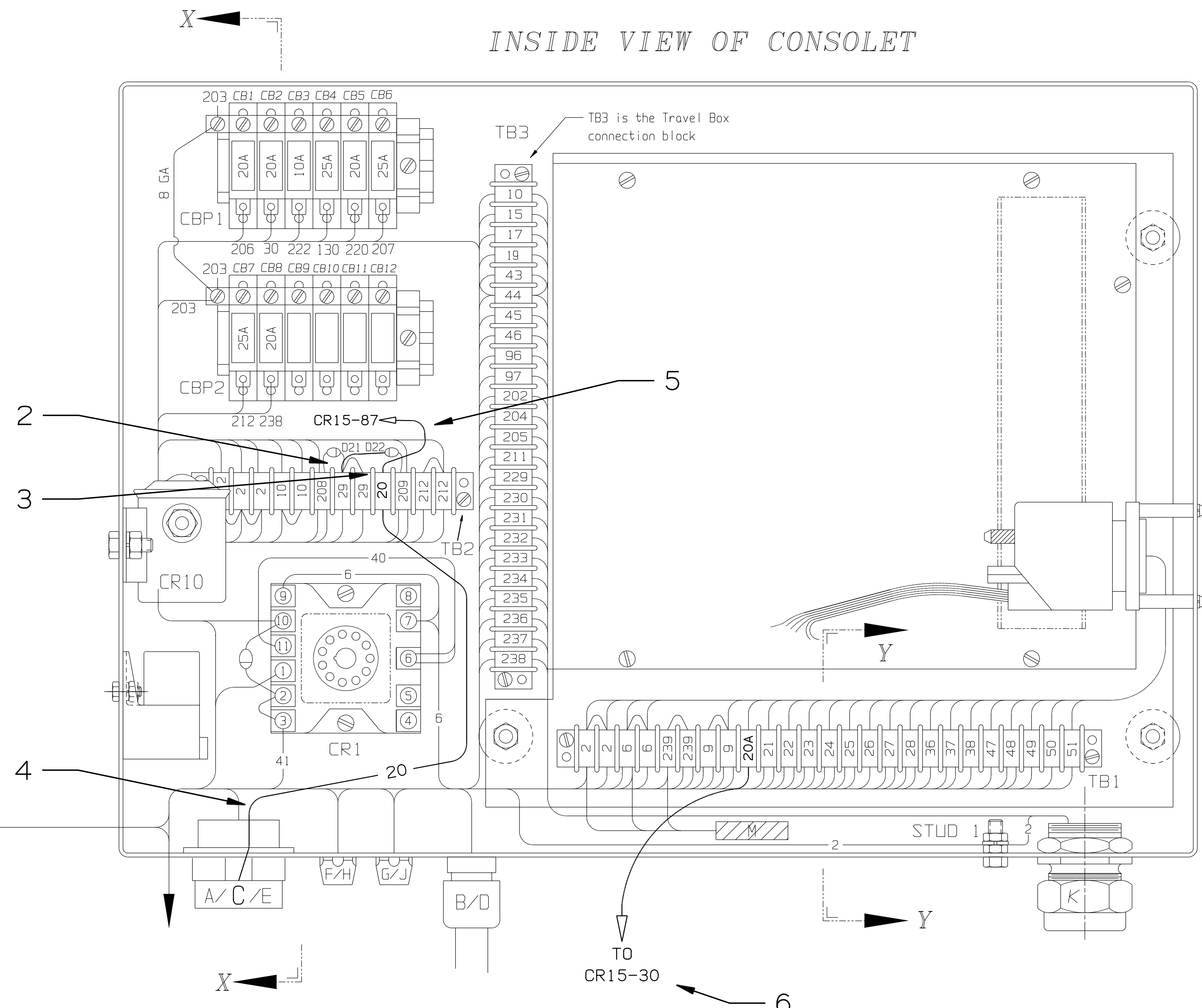


VIEW X-X



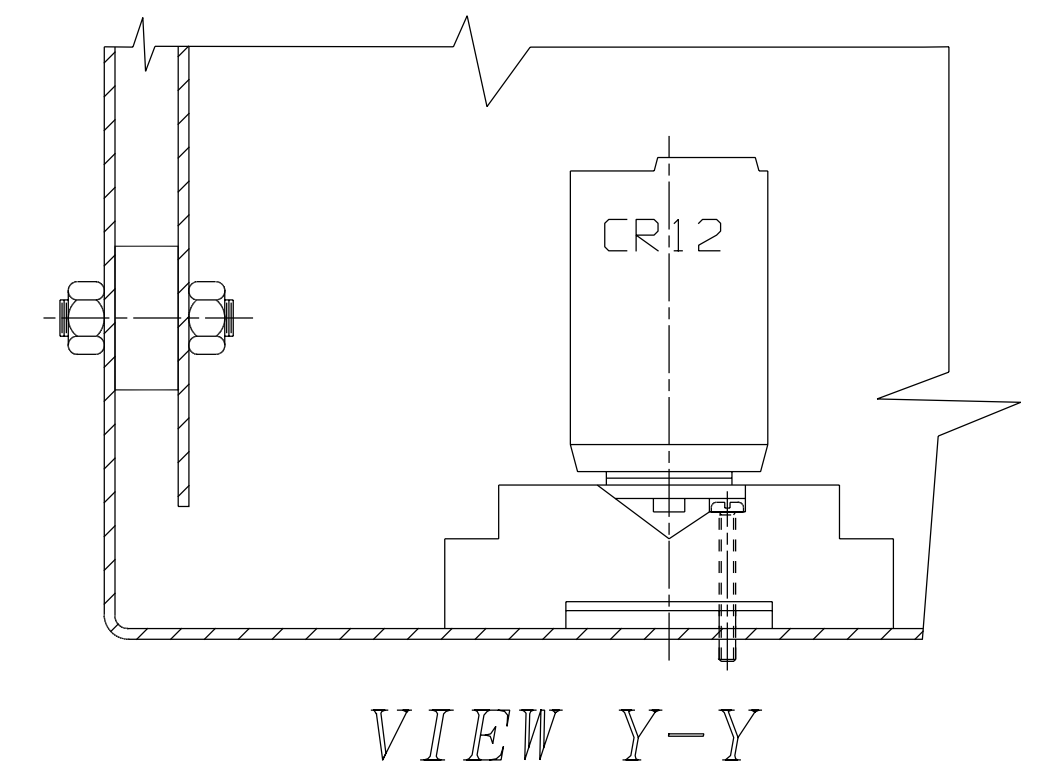
- PARTS REQUIRED:**
- > (1) Relay - 5195982
 - > (1) Relay Socket - 5155210
 - > (1) Diode - 29680018
 - > (1) #10 x 1/2" screw, lockwasher & nut
 - > (4) Relay terminals, crimp-on - 5158438
 - > (4) Ring terminals #6 stud

INSIDE VIEW OF CONSOLE



INSTRUCTIONS:

1. Install CR15 into LH side of logic box.
2. Move wire 29 w/D22 @ TB2 to TB2-29 w/D21.
3. Remove jumper where wire 29 w/D22 vacated to make room for new wire 20.
4. Relocate wire #20 (from footswitch harness @ port "C") from TB1-20 to TB2-20. Label as #20.
5. Add 16 awg wire from TB2-20 to CR15-87.
6. Add 16 awg wire from CR15-30 to TB1-20A and label #20A.
7. Add 16 awg wire from CR6-87A to CR15-85 and label #213.
8. Add diode 29680018 from CR15-85 to CR15-86 with anode on CR15-86.
9. Add 16 awg wire from CR15-86 to TB1-2 and label #2.
10. Refer to sheets 2 & 3 of the following electrical schematics:
 96680381DWG for machine s/n680273 thru 680313
 97681000DWG for machine s/n680314 to date



VIEW Y-Y

REMOVED SHEETS 2 - 3. ADDED NOTE 10.		MKS 06-18-07	54064
NEW ISSUE		MKS 03/28/07	54007
REV	CHANGE	DRAWN BY: DATE:	CHECKED BY: DATE:
E.C.O. #		54064	
250 / MACHINE FINISH UNLESS OTHERWISE STATED		250 / MACHINE FINISH UNLESS OTHERWISE STATED	
PLANE ANGLES +/- 1°		PLANE ANGLES +/- 1°	

CUSTOMARY: ALL DIMENSIONS IN INCHES	NORDCO THIRD ANGLE PROJECTION
PRODUCT: ANCHOR APPLICATOR E	
DESCRIPTION: INSTALL, TRAVEL/CYCLE START KIT	
SIZE D NTS	SCALE 9768 5021 DWG A
DRAWING CODE NUMBER 9768 5021 DWG A	REV. 1/1
ASSEMBLY: 9868 0045	

NO. 97685023
DWG

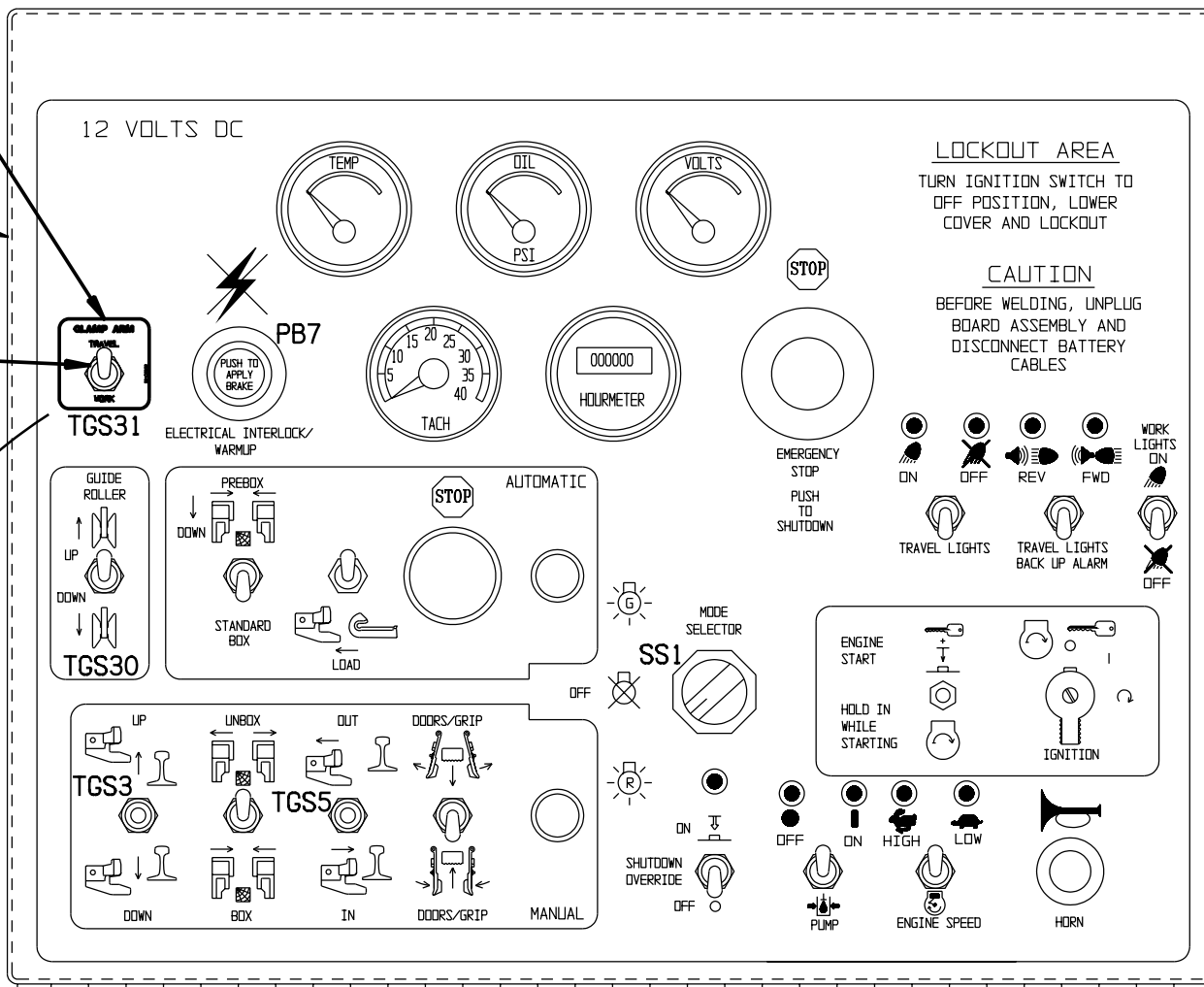
SHEET NO.
1/1

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LIST OF MATERIALS

ITEM NO.	PART NUMBER OR MATERIAL	QTY. REQ.	UNIT	PART NAME	DWG Y/N
1	5125579	1		SWITCH, TOGGLE DPDT ON - ON	
2	56405359	1		PLAQUE, CLAMP ARM WORK-TRAVEL	Y
3	5164405	12		TERMINAL, RING #6 (14-16 AWG) VACO #C 61305	
4	BLACK	AR		WIRE, THHN OR TFFN COPPER STRANDED 14 AWG	

CR6 (INSIDE L.H. WALL)



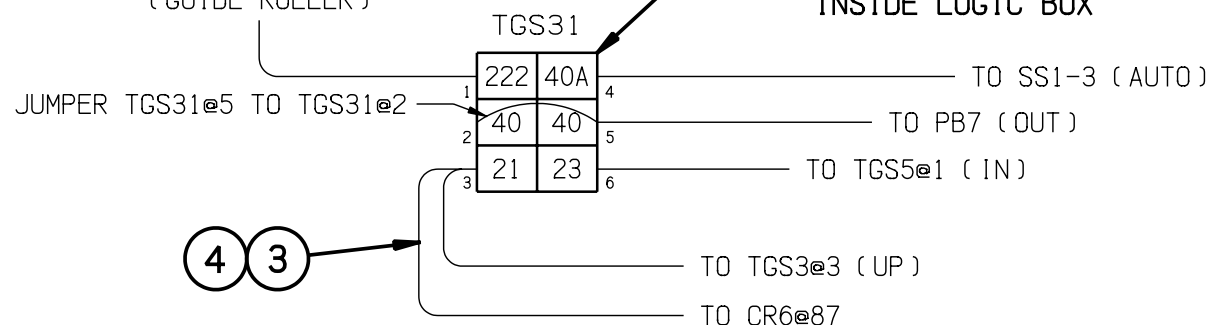
NOTES:

1. DRILL THROUGH MAIN LOGIC BOX PLAQUE MATERIAL USING THE PRE-DRILLED HOLE IN THE BOX ENCLOSURE AS A GUIDE (Ø.500) FOR THE SWITCH IN LOCATION SHOWN.
2. ATTACH OVERLAY PLAQUE (ITEM 2) OVER THE DRILLED HOLE.
3. INSTALL SWITCH (ITEM 1) AND FOLLOW WIRING INSTRUCTIONS BELOW. SEE ALSO ELEC SCHEM 97681000DWG FOR MORE INFORMATION.

BACKSIDE VIEW OF SWITCH

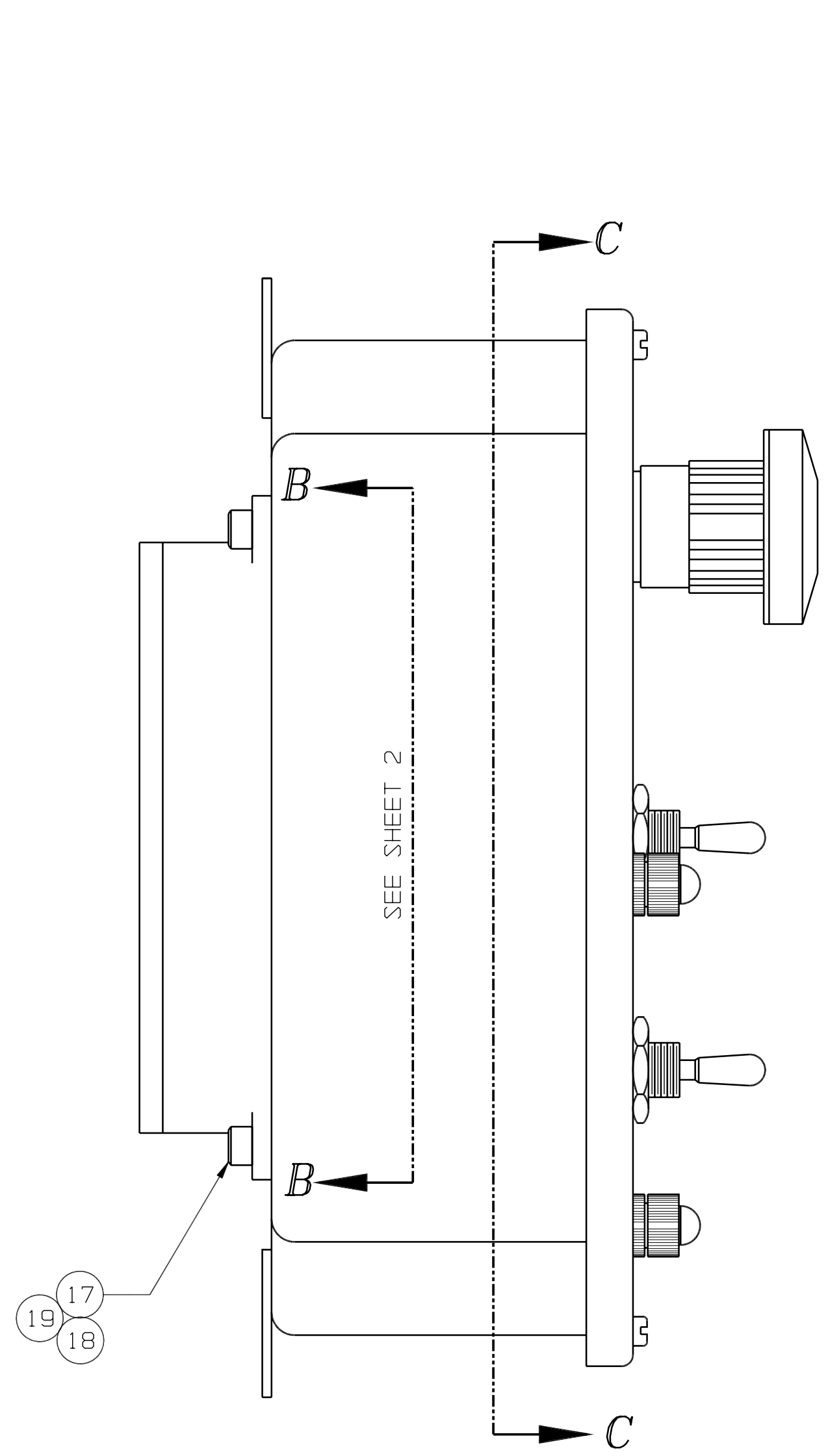
TO TGS30@1 (GUIDE ROLLER)

CONNECTIONS INSIDE LOGIC BOX

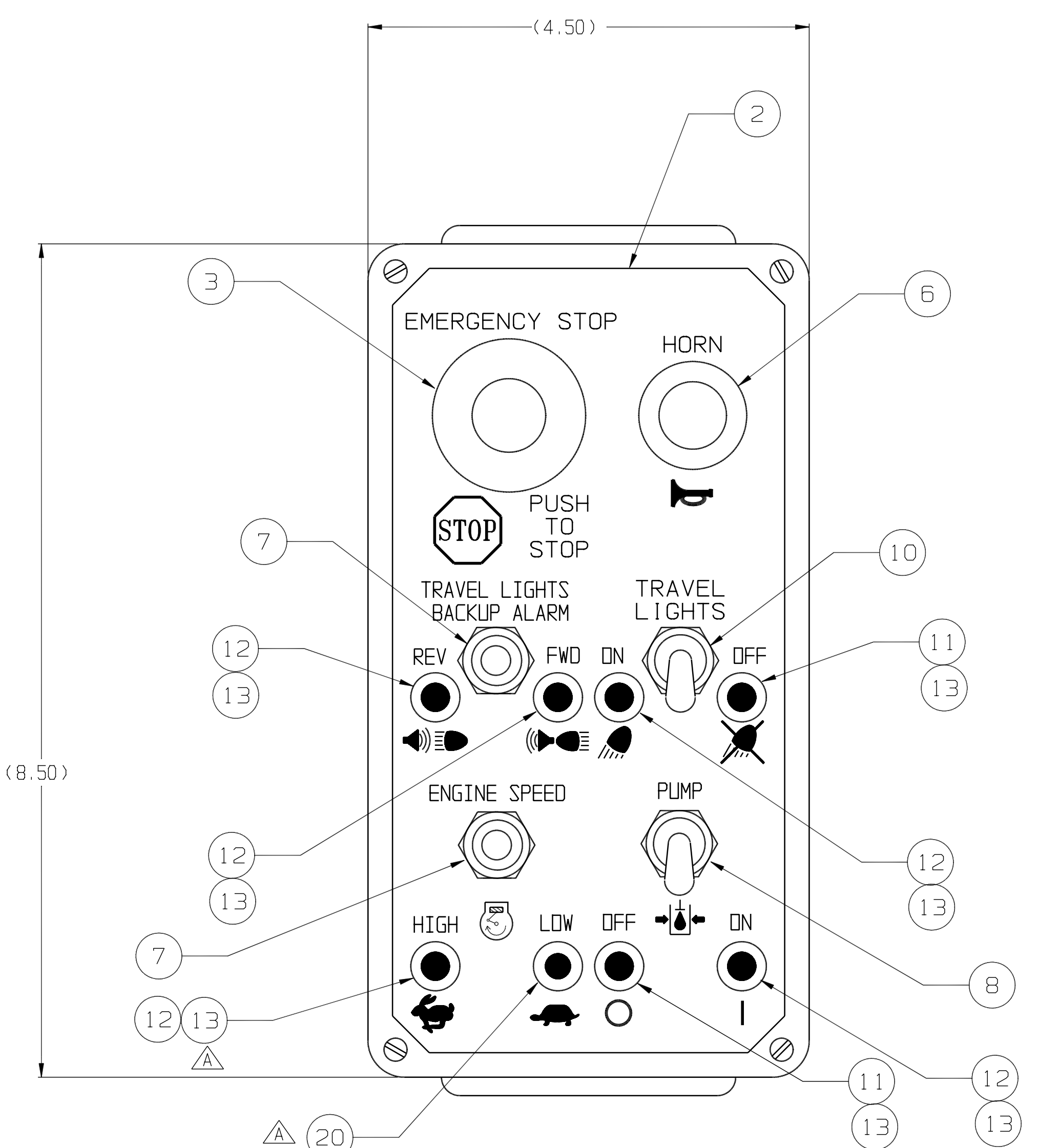


SEE ELECTRICAL SCHEMATIC 97681000DWG FOR MORE DETAILS ON WIRE CONNECTIONS.

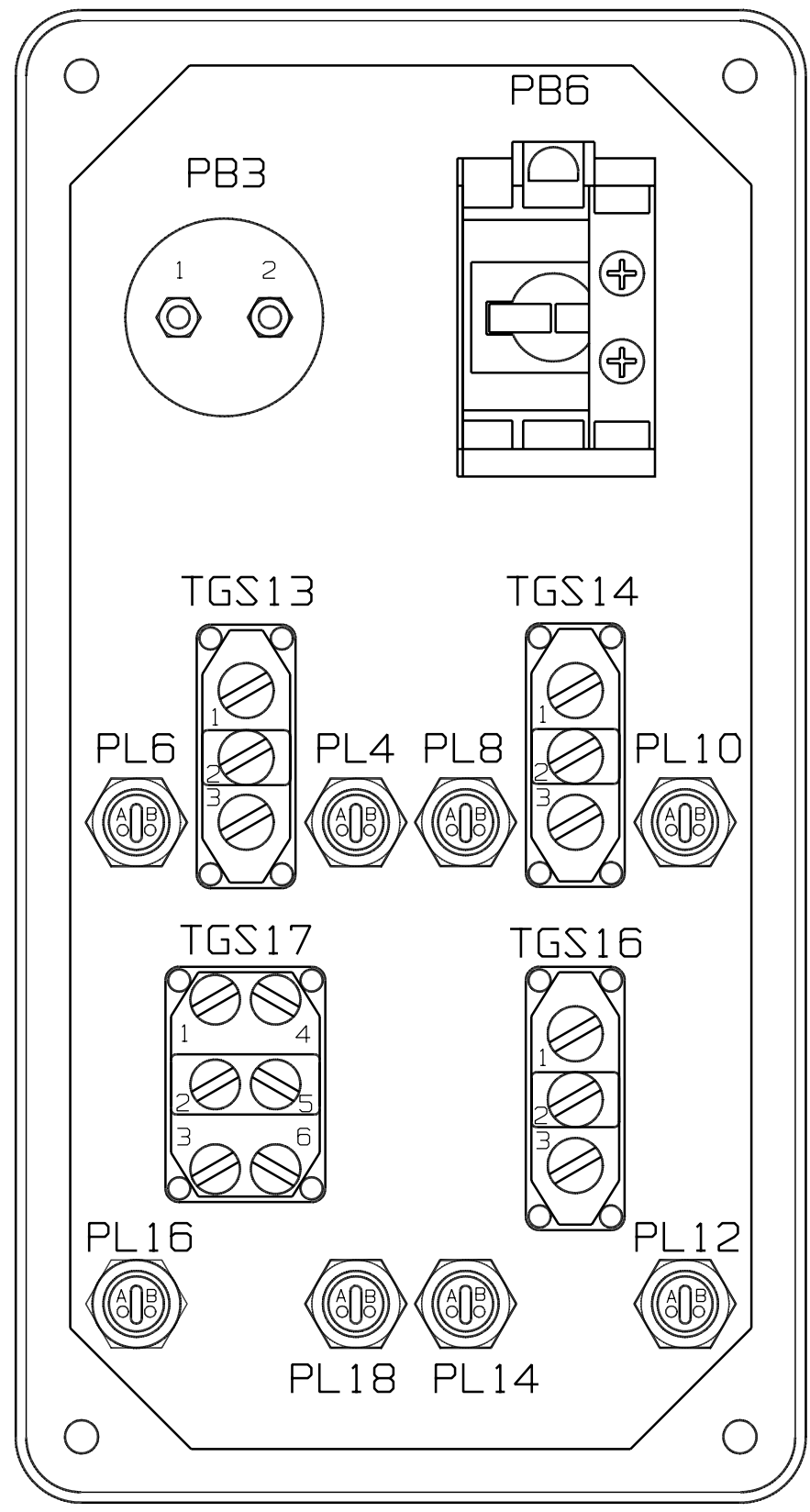
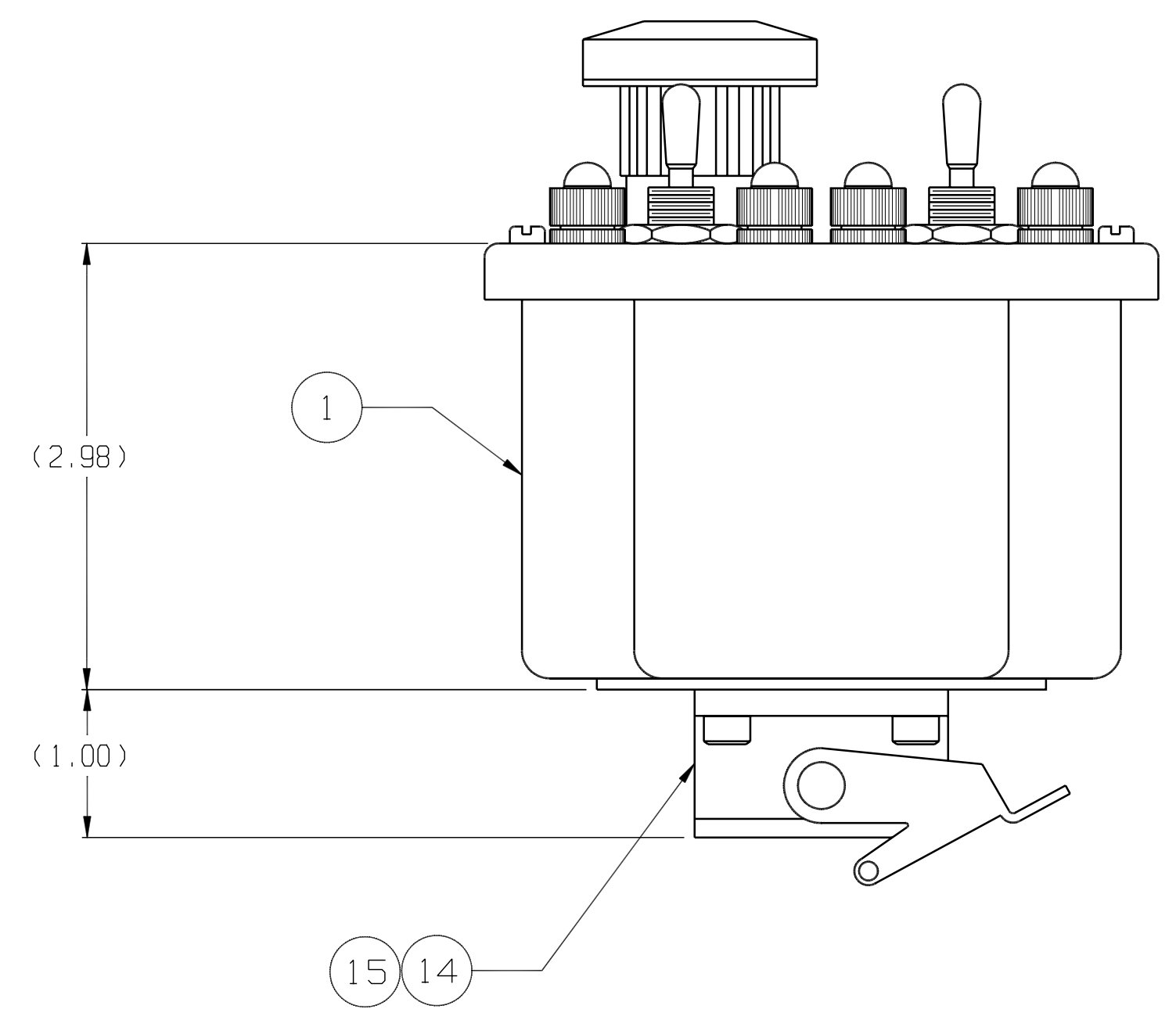
CUSTOMARY: ALL DIMENSIONS IN INCHES			THIRD ANGLE PROJECTION
	PRODUCT: AA-F		
IMPLIED TOLERANCES FRACTION ± 1/8 .X ± .06 .XX ± .03 .XXX ± .010	DESCRIPTION: INSTALL, CLAMP ARM WORK/TRAVEL SWITCH		
	SIZE	SCALE	DRAWING CODE NUMBER
NEW ISSUE REV CHANGE DATE:	MKS 08-26-08 DRAWN BY: DATE:	54451 CHECKED BY: DATE:	250/ MACHINE FINISH UNLESS OTHERWISE STATED PLANE ANGLES ± 1° ASSEMBLY: 31440070M01 SHEET 1/1



SIDE VIEW



TOP VIEW



VIEW C-C
(inside view of cover)

LIST OF MATERIALS				
ITEM NO.	PART NUMBER OR MATERIAL	QTY.	DWG Y/N	PART NAME
1	2029 2897	1		TRAVEL CONTROL ENCLOSURE
2	5640 5188	1		PLAQUE
3	5126 600	1		SWITCH (ITEMS 3,4,5) AB #800FM-MP44PX01
4		1		LATCH, MOUNTING (PART OF ITEM 3)
5		1		BLOCK, CONTACT (PART OF ITEM 3)
6	5125 960	1		BUTTON, HORN COLE HERSEE #9216-03
7	5125 590	2		SWITCH, TOGGLE SPDT 3-PDS MDM CH 8500K2
8	5125 579	1		SWITCH, TOGGLE DPDT 2-PDS CH 8501K4
9				
10	5125 587	1		SWITCH, TOGGLE SPDT 2-PDS CH 8500K4
11	5190 901	2		LAMP (RED) DIALIGHT 507-4760-3731-500
12	5190 900	5		LAMP (GRN) DIALIGHT 507-4860-3732-500
13	5190 950	8		HOLDER, LAMP DIALIGHT 508-7538-504
14	5159 250	1		BASE, PANEL MOUNT T&B PB324
15	5159 152	1		INSERT, MALE T&B MS224
16	5164 405	26		TERMINAL, RING VACO #61305 DR EQUIV.
17	2782 003	4		SHCS #6-32 x 1/2" LG
18	3048 028	4		NUT, HEX #6-32
19	3064 452	4		LOCKWASHER #6
20	5190 902	1		LAMP (AMBER) DIALIGHT 507-4960-3733-500

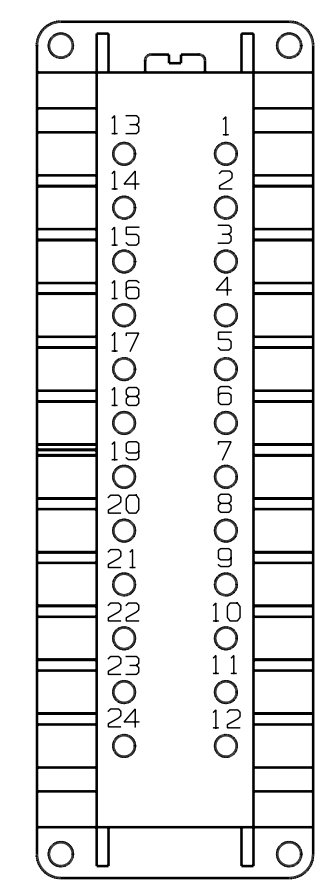
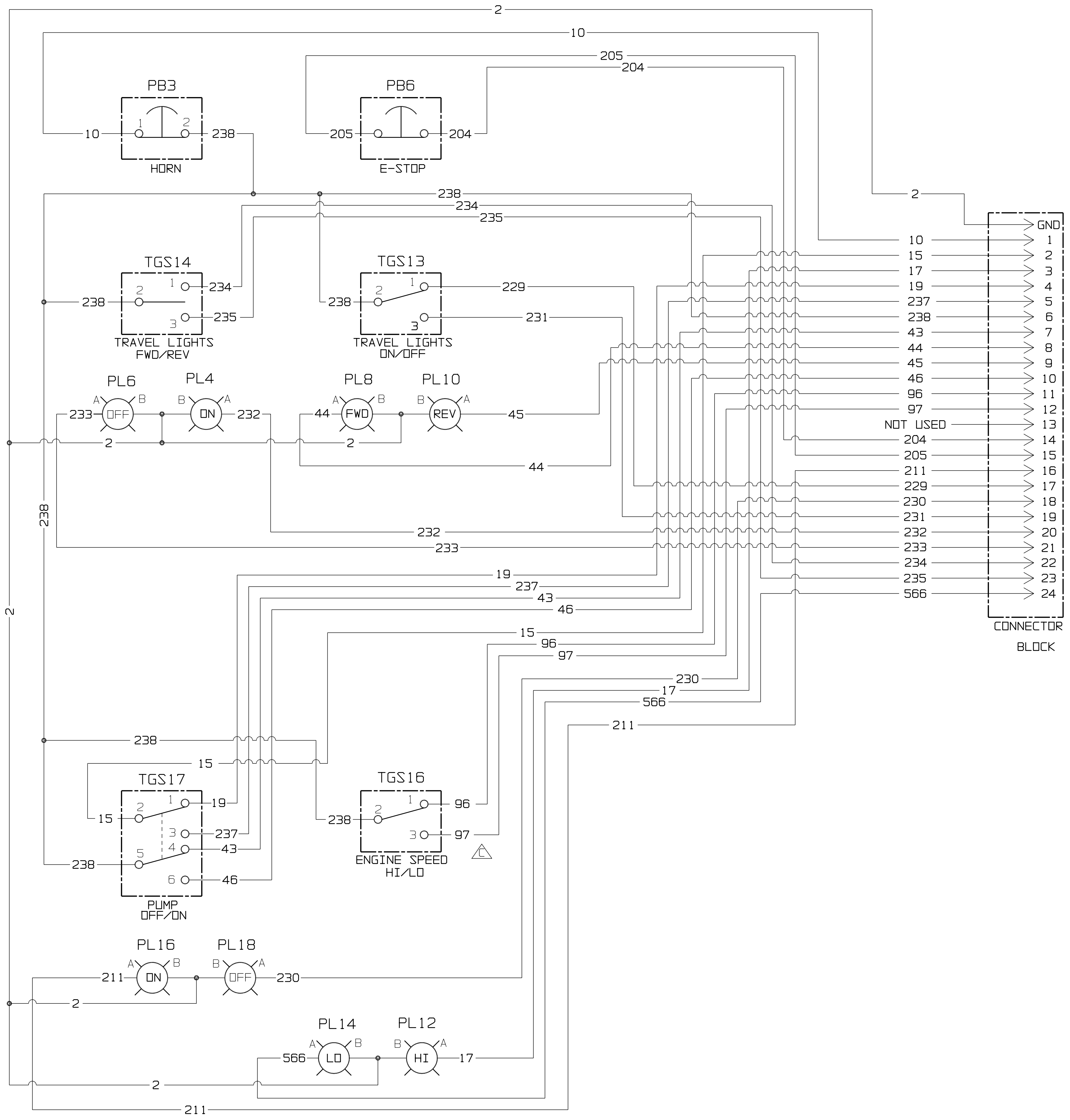
NOTES

1. ALL WIRING CONNECTING BETWEEN DEVICES MOUNTED IN THE BOX COVER AND THE CONNECTOR BLOCK SHALL HAVE ADEQUATE LENGTH TO ALLOW REMOVAL OF THE COVER AND GAIN ACCESS TO INTERNAL CONNECTIONS.
2. SEE SHEET TWO FOR WIRING DIAGRAM AND WIRE CONNECTION LIST.

(REF. Wiring Schematic: 9768 1000 DWG)
(SUPERSEDES: 9668 0364)

CUSTOMARY: ALL DIMENSIONS IN INCHES				PRODUCT: AA-F	
IMPLIED TOLERANCES		DESCRIPTION: TRAVEL CONTROL PANEL ASSY			
FRACTION ± 1/8 .X ± .06 .XX ± .03 .XXX ± .010		SIZE SCALE DRAWING CODE NUMBER REV.			
250 / MACHINE FINISH UNLESS OTHERWISE STATED		D NTS		3144 0071 C	
PLANE ANGLES ± 1°		ASSEMBLY: -		SHEET 1/2	

NO	REV	CHANGE	DRAWN BY:	CHECKED BY:	DATE:	E.C.D. #



VIEW B-B
(back inside-of-box view of connector)
SEE SHEET 1

WIRE CONNECTION LIST			
WIRE #	END #1 LOCATION	END #2 LOCATION	WIRE DESCRIPTION
2	CONN BLOCK-GND	PL6eB	14 AWG BLACK
2	PL6eB	PL4eB	20 AWG BLACK
2	PL4eB	PL8eB	20 AWG BLACK
2	PL8eB	PL10eB	20 AWG BLACK
2	PL10eB	PL12eB	20 AWG BLACK
2	PL12eB	PL14eB	20 AWG BLACK
2	PL14eB	PL18eB	20 AWG BLACK
2	PL18eB	PL16eB	20 AWG BLACK
10	CONN BLOCKe1	PB3-1	14 AWG BLACK
15	CONN BLOCKe2	TGS17e2	14 AWG BLACK
17	CONN BLOCKe3	PL12eA	20 AWG BLACK
19	CONN BLOCKe4	TGS17e1	14 AWG BLACK
237	CONN BLOCKe5	TGS17e3	14 AWG BLACK
238	CONN BLOCKe6	PB3-2	14 AWG BLACK
238	CONN BLOCKe6	TGS13e2	14 AWG BLACK
238	TGS13e2	TGS14e2	14 AWG BLACK
238	TGS14e2	TGS17e5	14 AWG BLACK
238	TGS17e5	TGS16e2	16 AWG BLACK
43	CONN BLOCKe7	TGS17e4	14 AWG BLACK
44	CONN BLOCKe8	PL8eA	20 AWG BLACK
45	CONN BLOCKe9	PL10eA	20 AWG BLACK
46	CONN BLOCKe10	TGS17e6	14 AWG BLACK
96	CONN BLOCKe11	TGS16e1	14 AWG BLACK
97	CONN BLOCKe12	TGS16e3	14 AWG BLACK
-	CONN BLOCKe13	OPEN	
204	CONN BLOCKe14	PB6-204	14 AWG BLACK
205	CONN BLOCKe15	PB6-205	14 AWG BLACK
211	CONN BLOCKe16	PL16eA	20 AWG BLACK
229	CONN BLOCKe17	TGS13e1	14 AWG BLACK
230	CONN BLOCKe18	PL18eA	20 AWG BLACK
231	CONN BLOCKe19	TGS13e3	14 AWG BLACK
232	CONN BLOCKe20	PL4eA	20 AWG BLACK
233	CONN BLOCKe21	PL6eA	20 AWG BLACK
234	CONN BLOCKe22	TGS14e1	14 AWG BLACK
235	CONN BLOCKe23	TGS14e3	14 AWG BLACK
566	CONN BLOCKe24	PL14eA	20 AWG BLACK

CUSTOMARY: ALL DIMENSIONS IN INCHES				THIRD ANGLE PROJECTION	
PRODUCT: AA-F		DESCRIPTION: TRAVEL CONTROL PANEL ASSY			
IMPLIED TOLERANCES:		DRAWING CODE NUMBER			
FRACTION ± 1/8 .X ± .06 .XX ± .03 .XXX ± .010		SIZE		REV.	
NEW ISSUE		D NTS		3144 0071 C	
DATE: ---		DATE: ---		DATE: ---	
E.C.D. #		PLANE ANGLES ± 1°		ASSEMBLY: --	
SHEET 2/2					

NO. 9668 0374
DWG

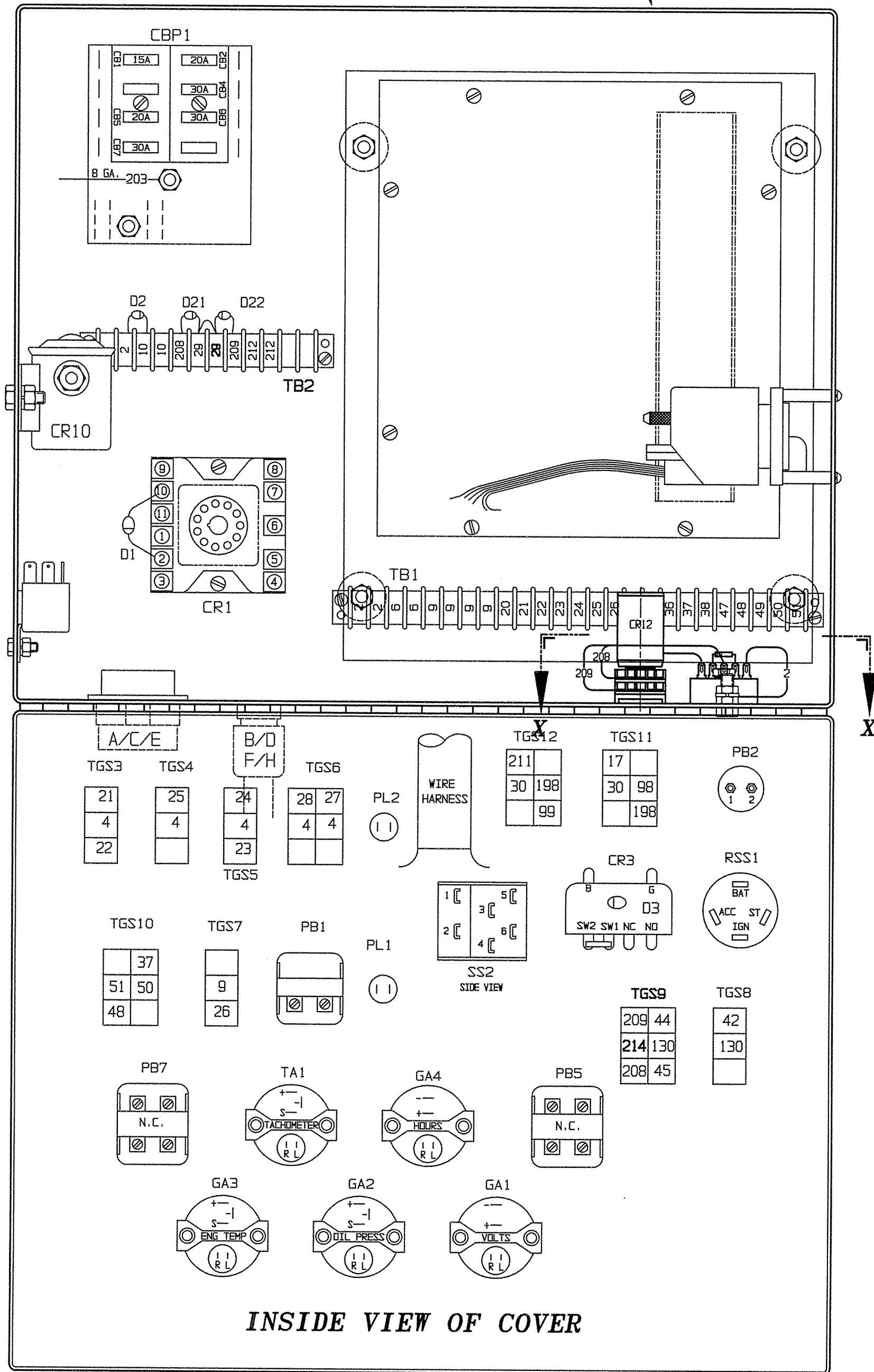
SHEET NO.
1/1

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SURFACE PREPARATION: WELD SLAG AND SPATTER TO BE REMOVED. ENTIRE UNIT THEN CLEANED AND APPROPRIATELY PRIME-PAINTED ONE COAT.

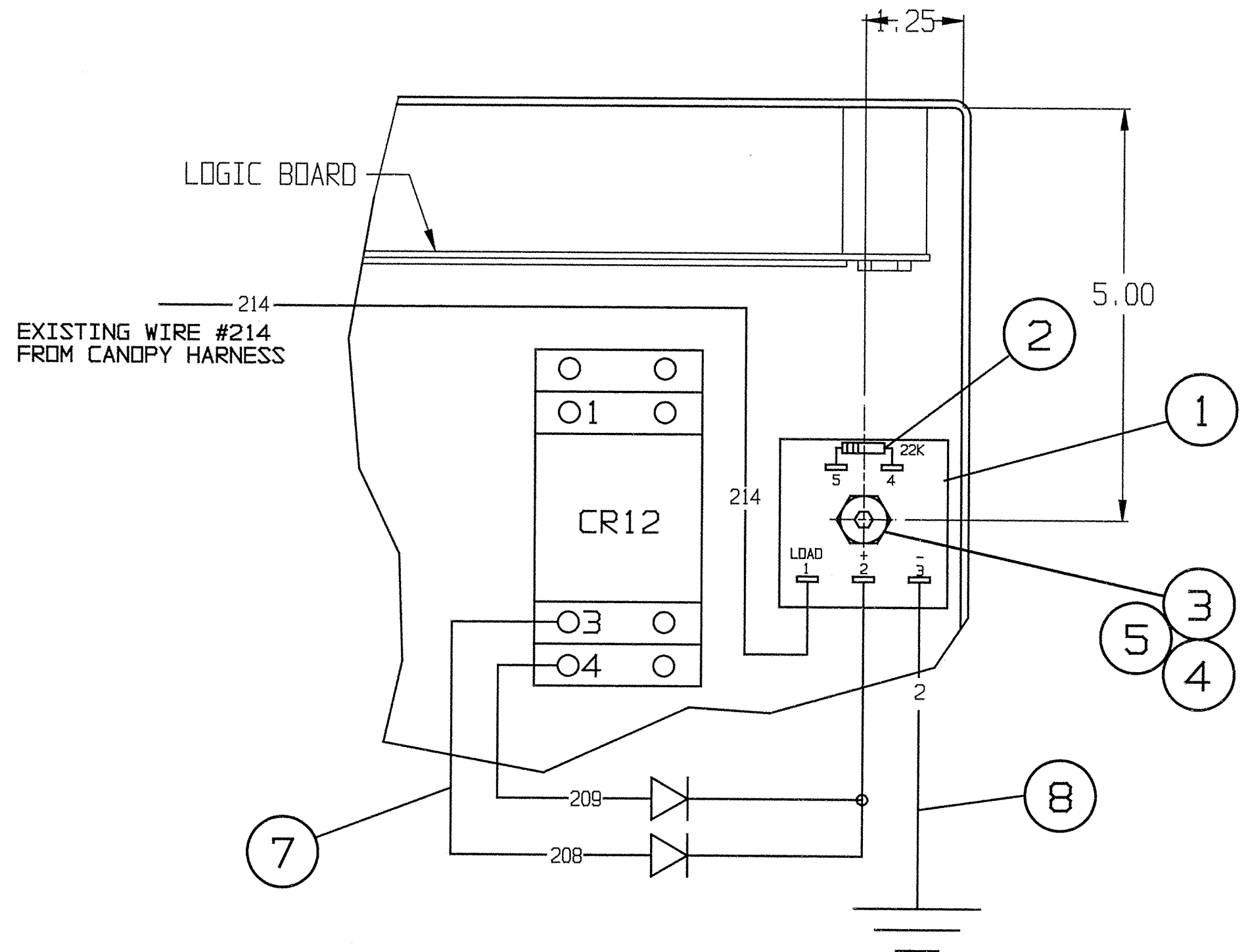
**INSIDE VIEW OF CONSOLE
W/ COVER DOWN**

REFERENCE:
OPERATOR BOX ASSEMBLY DWG. NO. 9668 0366
ELECTRICAL SCHEMATIC DWG NO. 9668 0367



INSIDE VIEW OF COVER

LIST OF MATERIALS					
ITEM NO.	PART NUMBER OR MATERIAL	QTY. REQ.	U. L.	PART NAME	DWG SIZE
1	8001 0007	1		TIMER, SOLID STATE 2-180 SEC	
2	6120 0061	1		RESISTOR, 22K OHM 1/2 WATT	
3	2782 2041	1		CAPSCREW, SC #10-24 X 1.25 LG	
4	3060 458	1		WASHER, SAE 3/16	
5	3042 011	1		LOCKNUT, HX #10-24	
6					
7	8712 0090	1		ASSEMBLY, TIMER TRIGGER WIRE	
8	8712 0091	1		ASSEMBLY, TIMER GROUND WIRE	



VIEW X-X
NTS

(REF. 9668 0367 DWG AND 9668 0381 DWG)

NOTES:

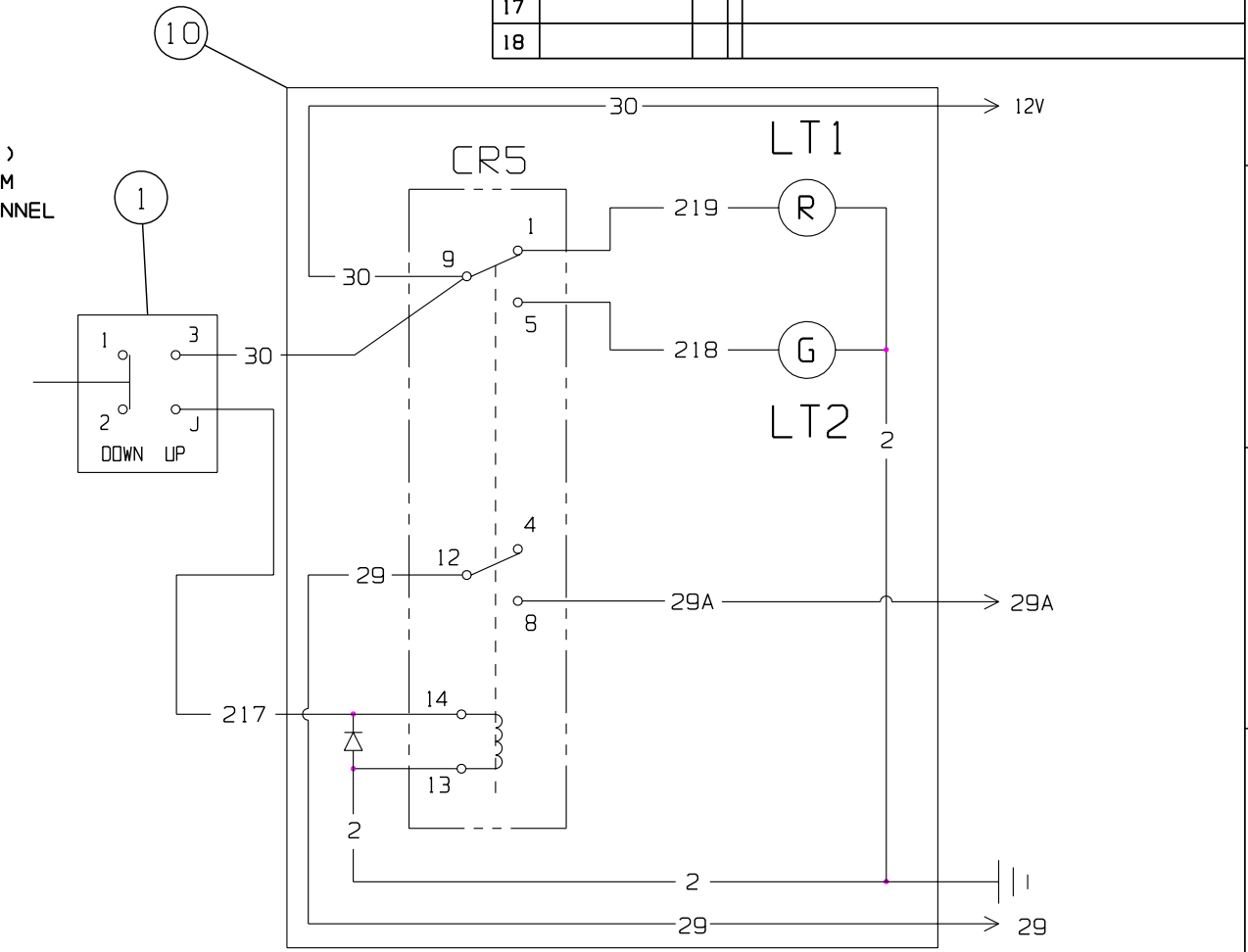
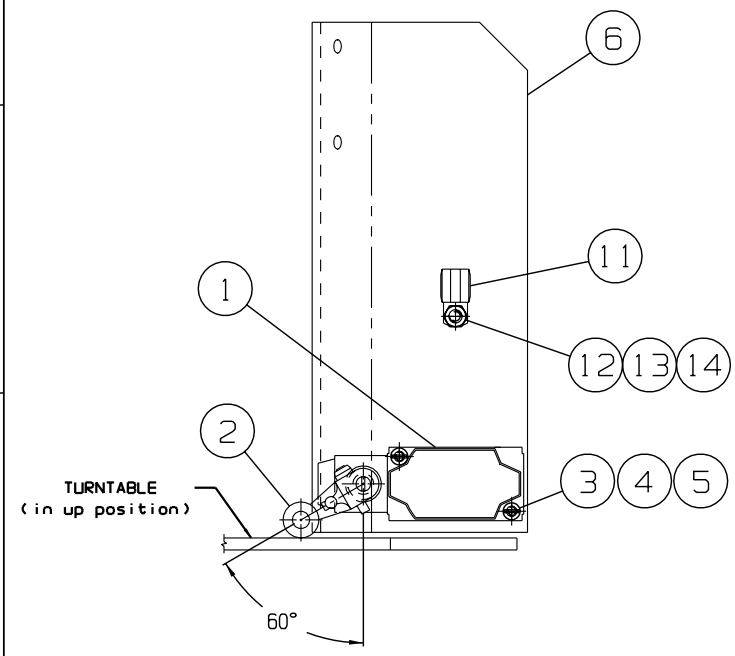
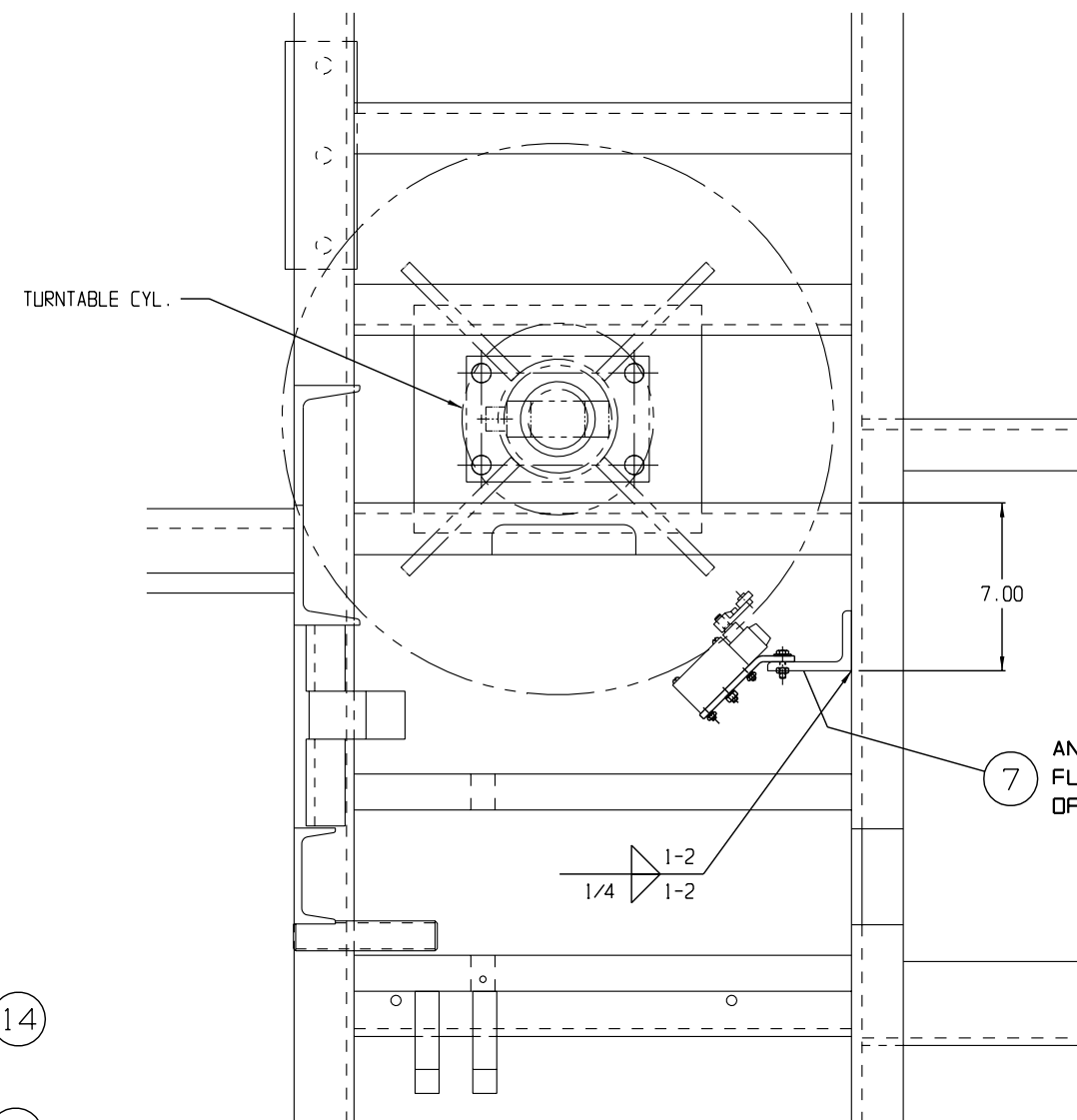
1. DISCONNECT EXISTING #214 WIRE FROM CR12-1 AND CONNECT IT TO THE TIMER "LOAD" TERMINAL.
2. INSTALL TIMER TRIGGER WIRE ASS'Y, CONNECTING TO CR12 3 & 4, AND PLUS TERMINAL ON TIMER MODULE.
3. INSTALL TIMER GROUND WIRE ASS'Y, CONNECTING TO MINUS TERMINAL ON TIMER MODULE AND GROUND STUD.
4. ALL OTHER EXISTING WIRES REMAIN IN PLACE.

CUSTOMARY: ALL DIMENSIONS IN INCHES				THIRD ANGLE PROJECTION	
IMPLIED TOLERANCES		PRODUCT: ANCHOR APPLICATOR "E"			
FRACTION ± 1/8		DESCRIPTION: TRAVEL ALARM (FOR USE WITH COAST SWITCH)			
.X ± .06		SIZE	SCALE	DRAWING CODE NUMBER	REV.
.XX ± .03		C NTS		9668 0374	A
.XXX ± .010		250/MACHINE FINISH UNLESS OTHERWISE STATED		DWG	
PLANE ANGLES ± 1°		ASSEMBLY: 9668 0373		SHEET 1/1	

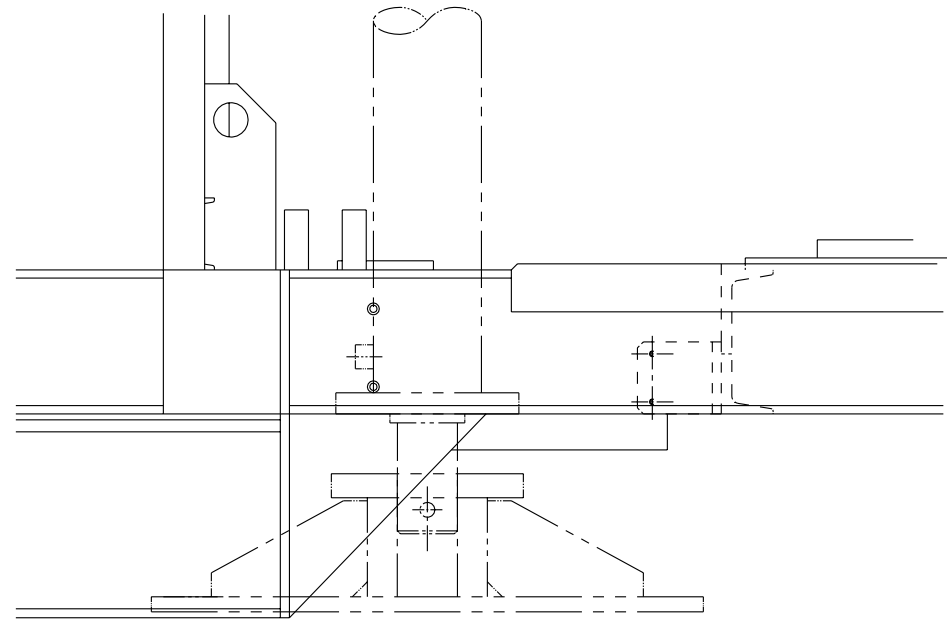
△	REMOVED ITEM 6. WAS 9712 0092 WIRE. REVISED TIMER ALARM WIRE NOTES.	BLS	4/26-3-2004	53416
△	CHANGED ITEM 6 AND NOTES	LDW	4-24-00	
△	NEW ISSUE	LDW	4-24-00	NONE
MF	REV	CHANGE	DRAWN BY: DATE:	CHECKED BY: DATE:
			E.C.D. #	

(REF. 9668 0263 DWG)

LIST OF MATERIALS				
ITEM NO.	PART NUMBER OR MATERIAL	QTY.	REV.	PART NAME
1	5127 230	1		LIMIT SWITCH 802T-A
2	4765 1451	1		LEVER LIMIT SWITCH
3	2837 661	2		MACH SCREW #10-24 UNC X 2-1/4
4	3064 458	2		WASHER LOCK 3/16
5	3048 040	2		NUT HEX #10-24
6	1371 0354	1		LIMIT SWITCH MTG PLATE
7	1238 2735	1		LIMIT SWITCH MTG ANGLE
8	2774 281	2		CAPSCREW HEX 1/4-20 UNC X 1
9	3060 025	2		WASHER WRT 1/4
10	9668 0288	1		LIGHT & RELAY BOX ASSEMBLY
11	2458 7358	1		CLAMP 3/8 WIRE
12	2774 271	1		CAPSCREW HEX 1/4-20 UNC X 3/4
13	3001 011	1		NUT 1/4-20 UNC
14	3060 465	1		WASHER 1/4
15				
16				
17				
18				



ELECTRICAL SCHEMATIC



CUSTOMARY: ALL DIMENSIONS IN INCHES			
IMPLIED TOLERANCES Finished Dimensions		DRAWN: MKS DATE: 01/30/98	CHECKED: APPROVED:
DECIMAL INCH FRACTION: 1/8 .X: .06 .XX: .03 .XXX: .010		PRODUCT: ANCHOR APPLICATOR E DESCRIPTION: INSTALLATION TURNTABLE SWITCH	
250 / MACHINE FINISH UNLESS OTHERWISE STATED PLANE ANGLES: ONE DEGREE		SIZE: 1/4 SCALE: 1/4	DRAWING CODE NUMBER: 9668 0295 REV: A
DELETED IT-15-18-REV'D SCHEMATIC: IT-10 WAS 3270 552 NEW ISSUE		GOS: 04-06-98 MKS: 02-02-98	NONE NONE
CHANGE:		BY: DATE:	ENG. ORDER #
ASSEMBLY: 9668 0289		SHEET 1 OF 1	

NO.	REV.	CHANGE	DATE	ENG. ORDER #
1				

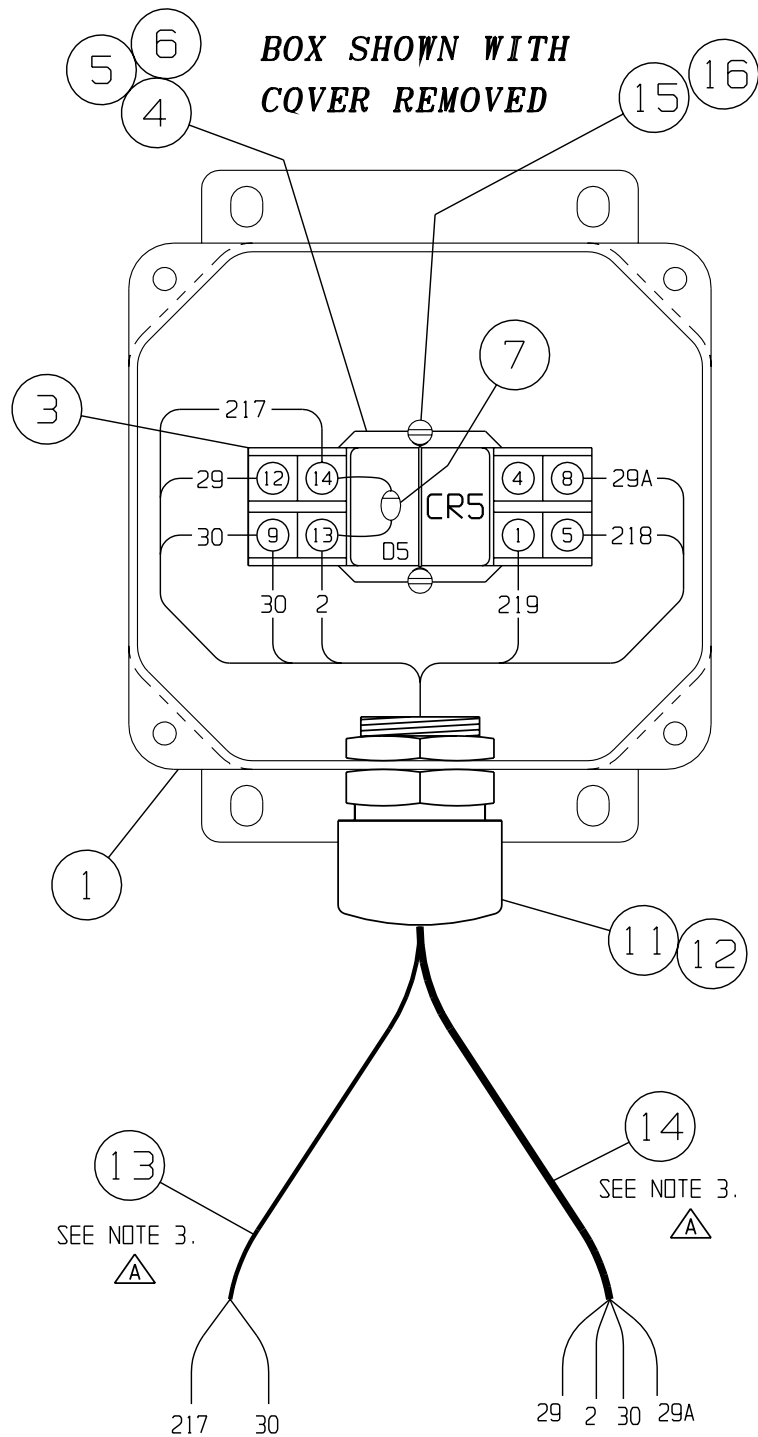
NO. 9668 0288 1/1

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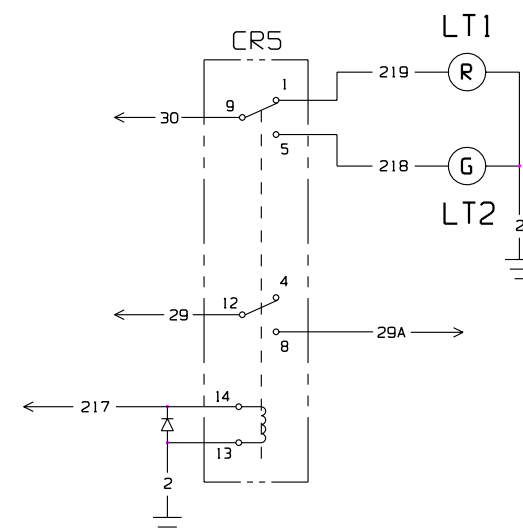
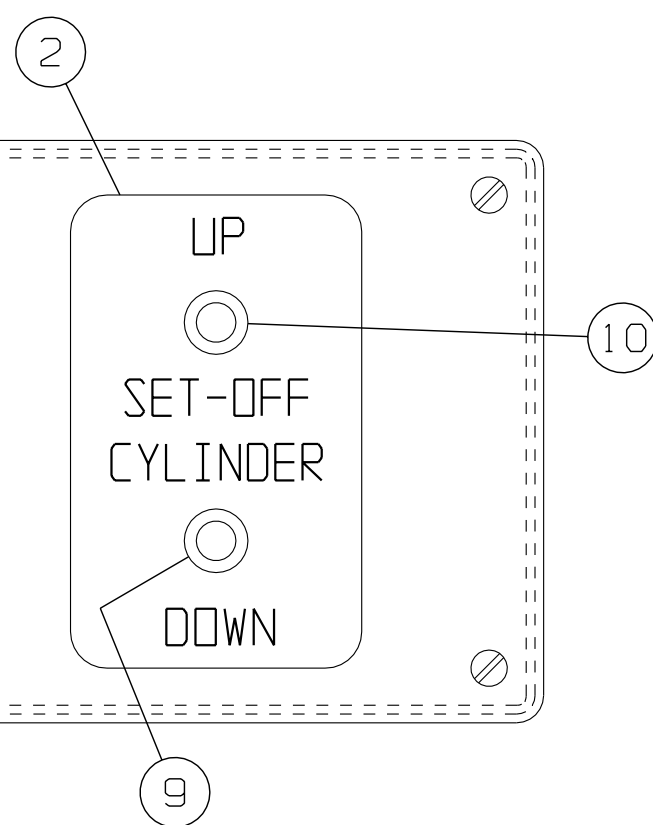
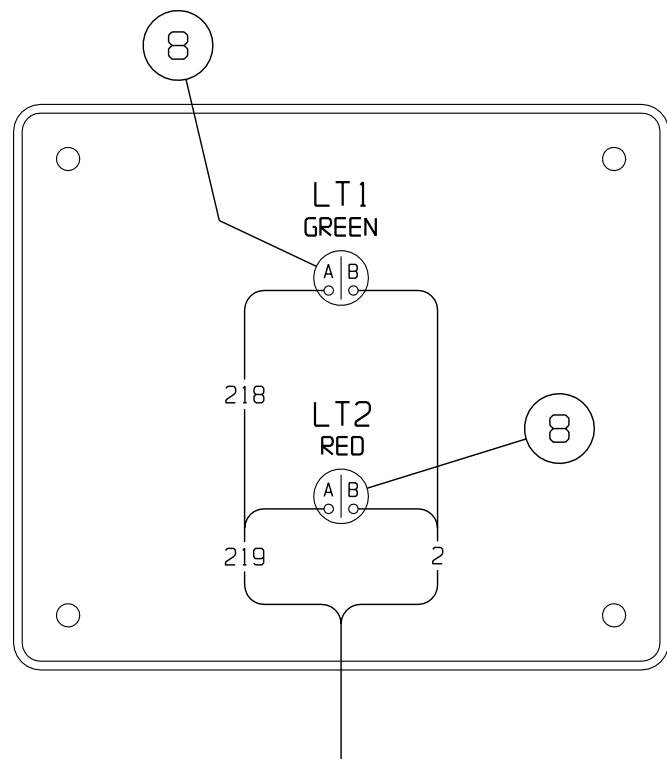
LIST OF MATERIALS

ITEM NO.	PART NUMBER OR MATERIAL	QTY. REQ.	UNIT	PART NAME	DWG SIZE
1	2029 2693	1		ENCLOSURE	C
2	5640 5114	1		PLAQUE	B
3	5155 116	1		RELAY SOCKET IDEC 3SH2B-05	
4	5196 300	1		RELAY IDEC #RH2B-UL-12VDC	
5	7506 0215	1		HOLD DOWN SPRING IDEC #SY4S-02F1	
6	5158 434	1		CLIP SET IDEC #SFA-101	
7	2968 0018	1		DIODE #1N5404	
8	5190 950	2		LAMP HOLDER DIALIGHT #508-7538-504	
9	5190 901	1		LAMP DIALIGHT #507 4760-3731-500 RED	
10	5190 900	1		LAMP DIALIGHT #507 4860-3732-500 GREEN	
11	5103 800	1		CORD CONNECTOR CROUSE HINES #CGB197	
12	5104 014	1		LOCKNUT, CONDUIT 1/2 NPT	
13	5270 232	AR		CORD 18-2 AWG BLACK TYPE SDW	
14	5270 544	AR		CORD 14-4 AWG BLACK TYPE SDW	
15	2837 499	2		SCREW, RD. HD. MACHINE #8-32 X 1.0" LG.	
16	3041 010	2		LOCKNUT, #8-32 FLEXLOC OR EQUIV.	
17		AR		WIRE TAG ELECTROVERT OR EQUIV.	
18	5164 305	4		TERMINAL, RING VACO #61305 OR EQUIV.	
19	5164 246	10		TERMINAL, RING VACO #61206 OR EQUIV.	

BOX SHOWN WITH COVER REMOVED



INSIDE VIEW OF COVER



NOTE:

1. ALL WIRES ENDS TO BE IDENTIFIED WITH ITEM 17.
2. 18-2 AWG CORD, ITEM 13, IS TO EXTEND 84" BEYOND THE CORD CONNECTOR. CORD SHEATHING TO BE STRIPPED BACK 6".
3. 14-4 AWG CORD, ITEM 14, IS TO EXTEND 130" BEYOND THE CORD CONNECTOR. CORD SHEATHING TO BE STRIPPED BACK 10".

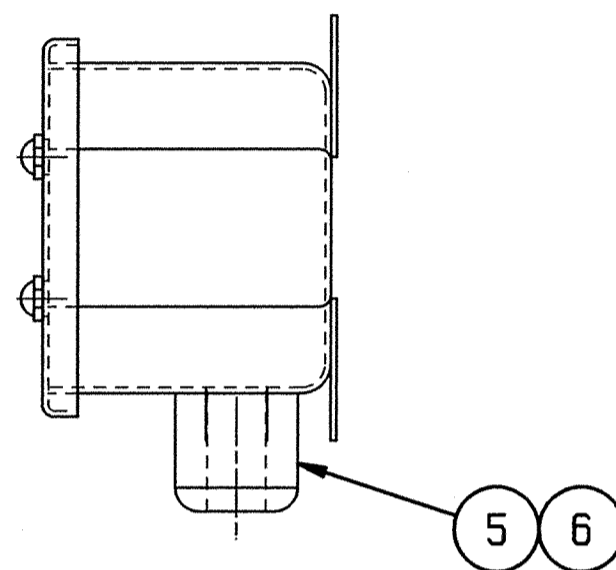
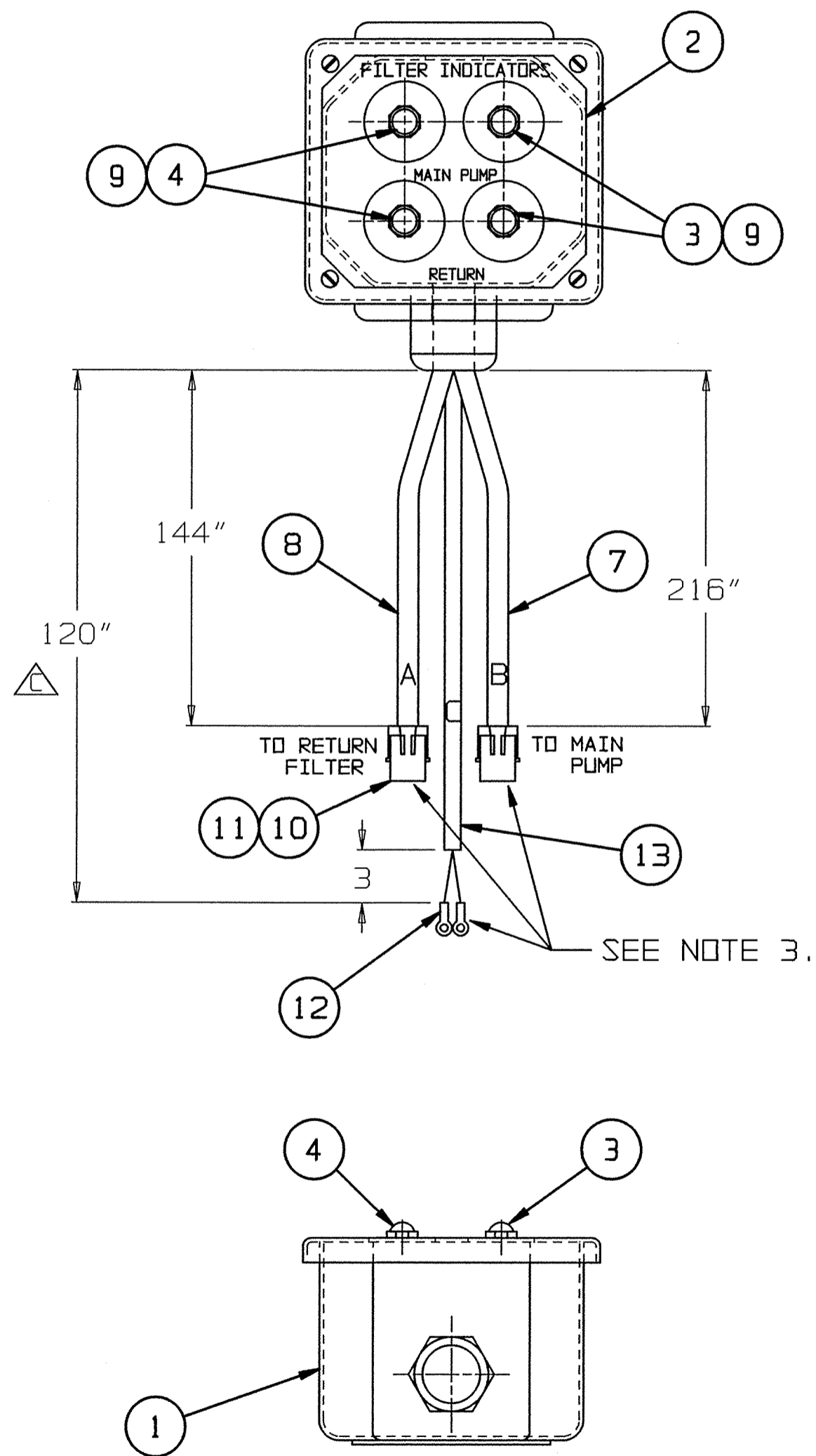


△	84" WAS 72" (NOTE 2)	MKS 02-18-98	NONE
△	72" WAS 54" (NOTE 2)	MKS 09-05-97	51509
△	NEW ISSUE	LCP 06-05-97	-
MF	REV	CHANGE	BY: DATE: ENG. ORDER #

CUSTOMARY: ALL DIMENSIONS IN INCHES		 Equipment	
DRAWN: LCP DATE: 6/3/97		CHECKED: APPROVED:	
IMPLIED TOLERANCES Finished Dimensions		PRODUCT: ANCHOR APPLICATOR E	
DECIMAL INCH .X : .1 .XX : .06 .XXX : .010		DESCRIPTION: SET OFF CYL INDICATOR LIGHT BOX ASSEMBLY (W/BRAKES APPLIED FEATURE)	
SIZE	SCALE	DRAWING CODE NUMBER	REV.
C	1/2	9668 0288	B
ASSEMBLY: -		SHEET 1 OF 1	

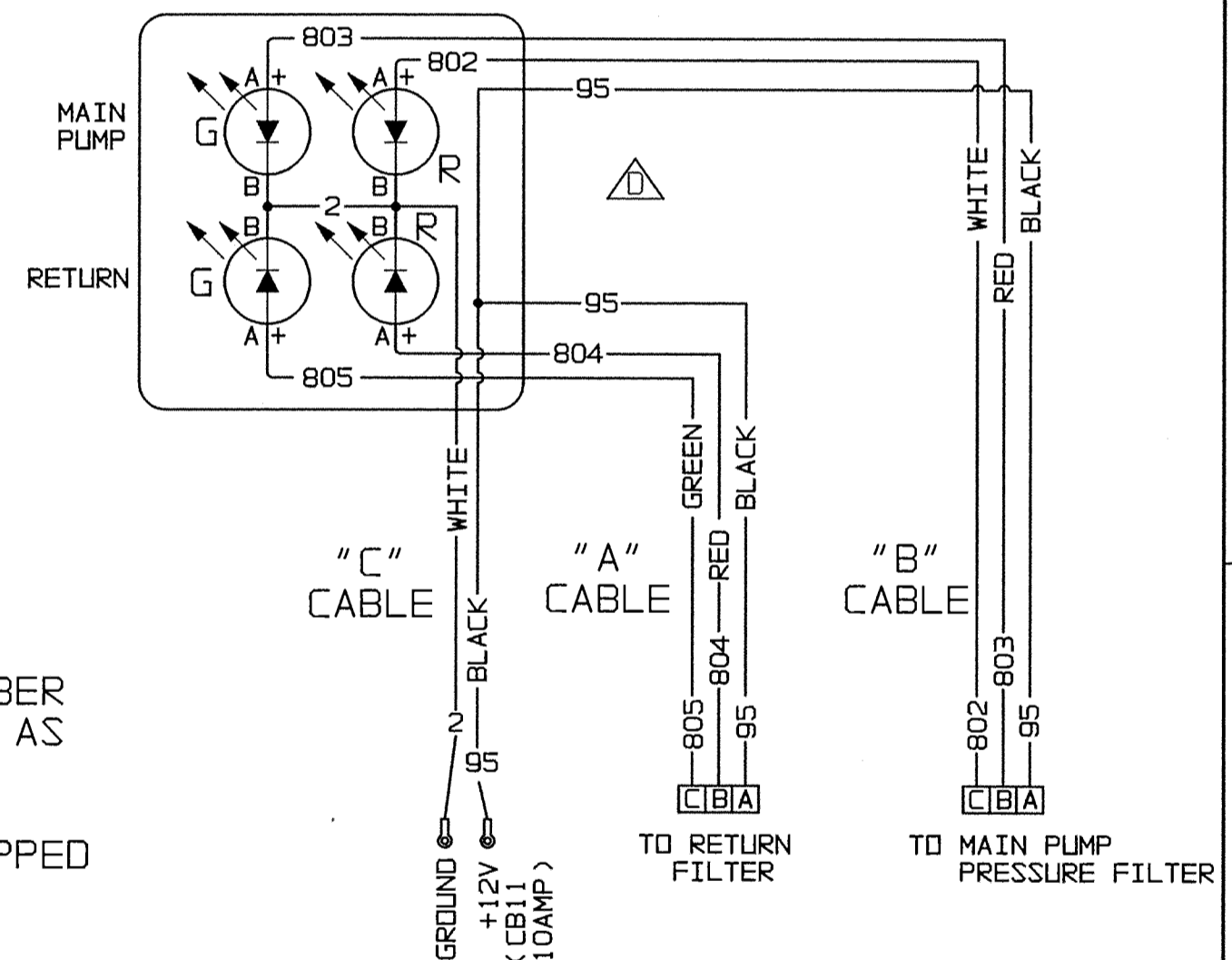
BILL OF MATERIALS

ITEM NO.	PART NUMBER OR MATERIAL	QTY. REQ.	PART NAME	DWG SIZE
1	2029 2697	1	INDICATOR LIGHT BOX	
2	9643 0112	1	DECAL	
3	5190 901	2	LAMP (RED) SOLID STATE CARTRIDGE	
4	5190 900	2	LAMP (GREEN) SOLID STATE CARTRIDGE	
5	5103 818	1	CONNECTOR, CORD CROUSE HINDS# CGB-297SG	
6	5104 014	1	LOCKNUT, COND. 1/2"	
7			CABLE, 16 GA. 4 WIRE 216" (BLK-RED-GRN-WHT)	
8			CABLE, 16 GA. 4 WIRE 144" (BLK-RED-GRN-WHT)	
9	5190 950	4	LAMP HOLDER DIALIGHT DATALAMPS	
10	5166 773	2	TERMINAL, PACKARD THREE-WAY SHROUD (P/N 12010717)	
11	5166 782	6	TERMINAL, MALE PIN WEATHER PACK	
12	5164 400	2	TERMINAL, RING #6	
13			CABLE 16 GA, 2 WIRE 120" (BLK-WHT)	
14				



NOTES:

1. ALL WIRES ARE 16 GA.
2. LABEL WIRES WITH THEIR WIRE NUMBER AS SHOWN. PLACE LABELS AS CLOSE AS POSSIBLE TO TERMINALS.
3. ALL ITEMS 10, 11 & 12 TO BE SHIPPED LOOSE LEAVING BARE WIRE ENDS.
4. WIRE TO POLARITY ON LEDs AS SHOWN.



SCHMATIC

REV	CHANGE	DATE	APPROVED BY	DATE	E.C.D. #	PLANE ANGLES +/- 1°	ASSEMBLY: -	SHEET 1/1
1	NEW ISSUE	02-21-96	JLE	02-26-96	BMB	02-29-96		
2	CORRECTED LED POLARITY	11-19-96	JLE	11-19-96	BMB	11-19-96		
3	ADDED POLARITY SYMBOLS ON LED'S	05-05-97	BBB	---	---	---		
4	ITEM 13 WAS 84"	08-15-97	MKS	09-03-97	BW	09-03-97		
5	WIRES 95 WERE 17 (#17 NOT TO BE USED)	02-18-98	MKS	---	---	---		
6	CHANGE NOTE 3. ITEM 5 WAS 5103 819 CGB-195.	03-27-03	MKS	03-28-03	JLE	03-28-03		
7	ITEM 5 WAS 5103 808 CGB-197SG	02-28-06	MKS	02-28-06	JLE	02-28-06		

CUSTOMARY: ALL DIMENSIONS IN INCHES		THIRD ANGLE PROJECTION	
PRODUCT: M3, AA-E, MODEL C			
DESCRIPTION: INDICATOR LIGHT BOX			
SIZE	SCALE	DRAWING CODE NUMBER	REV.
C	1/2	9645 0332	F

(SIMILIAR TO 9667 0156 & 9633 0598)



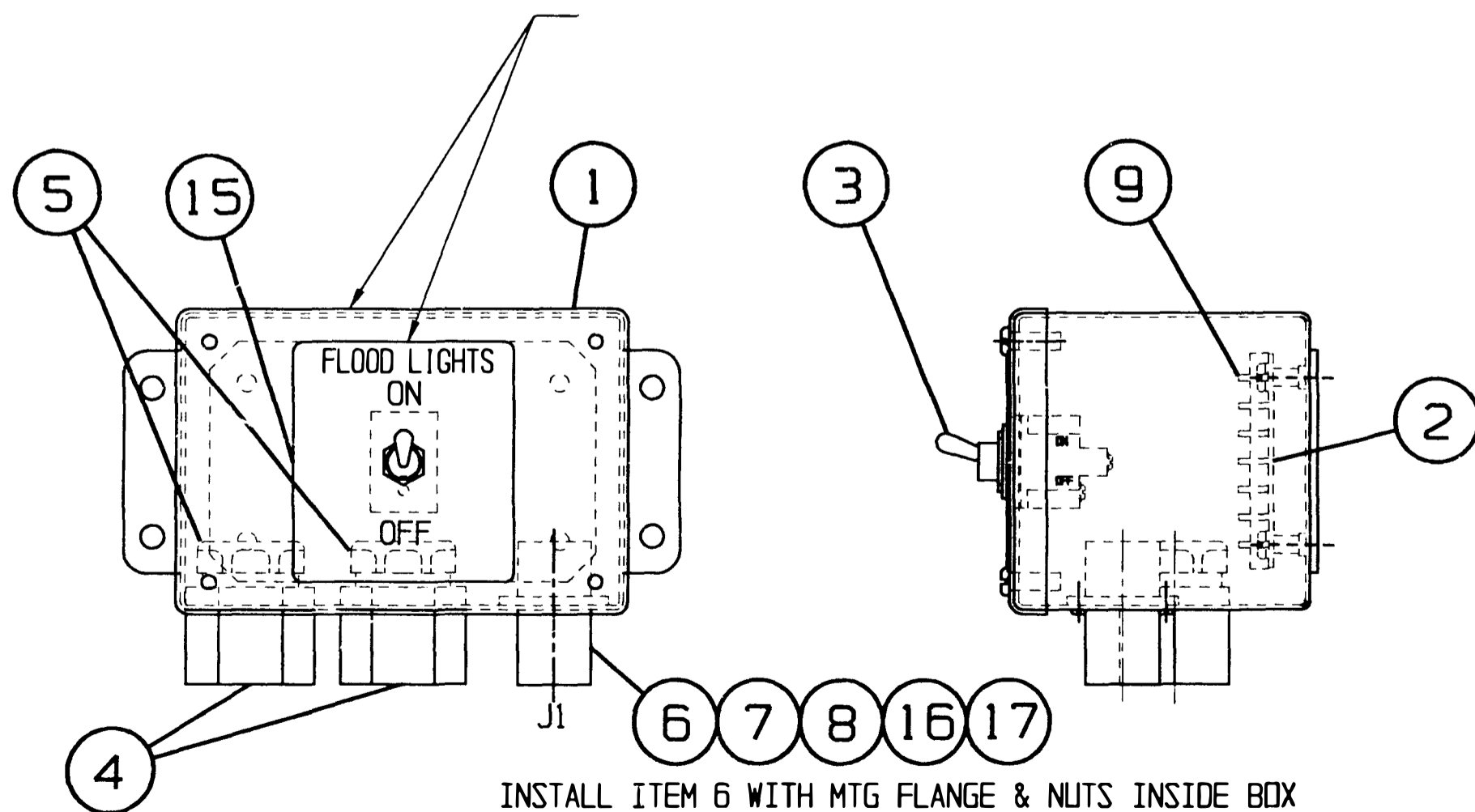
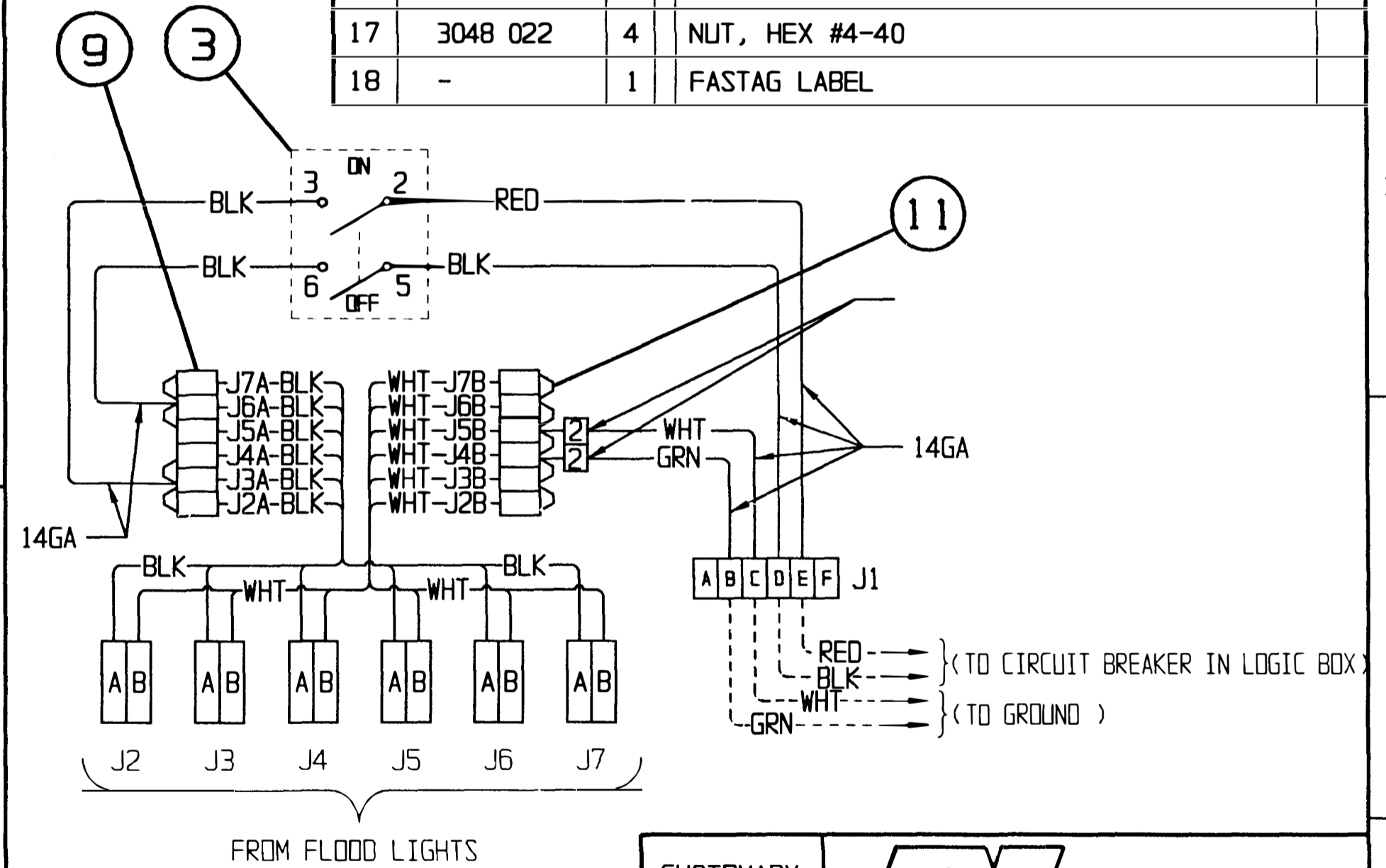
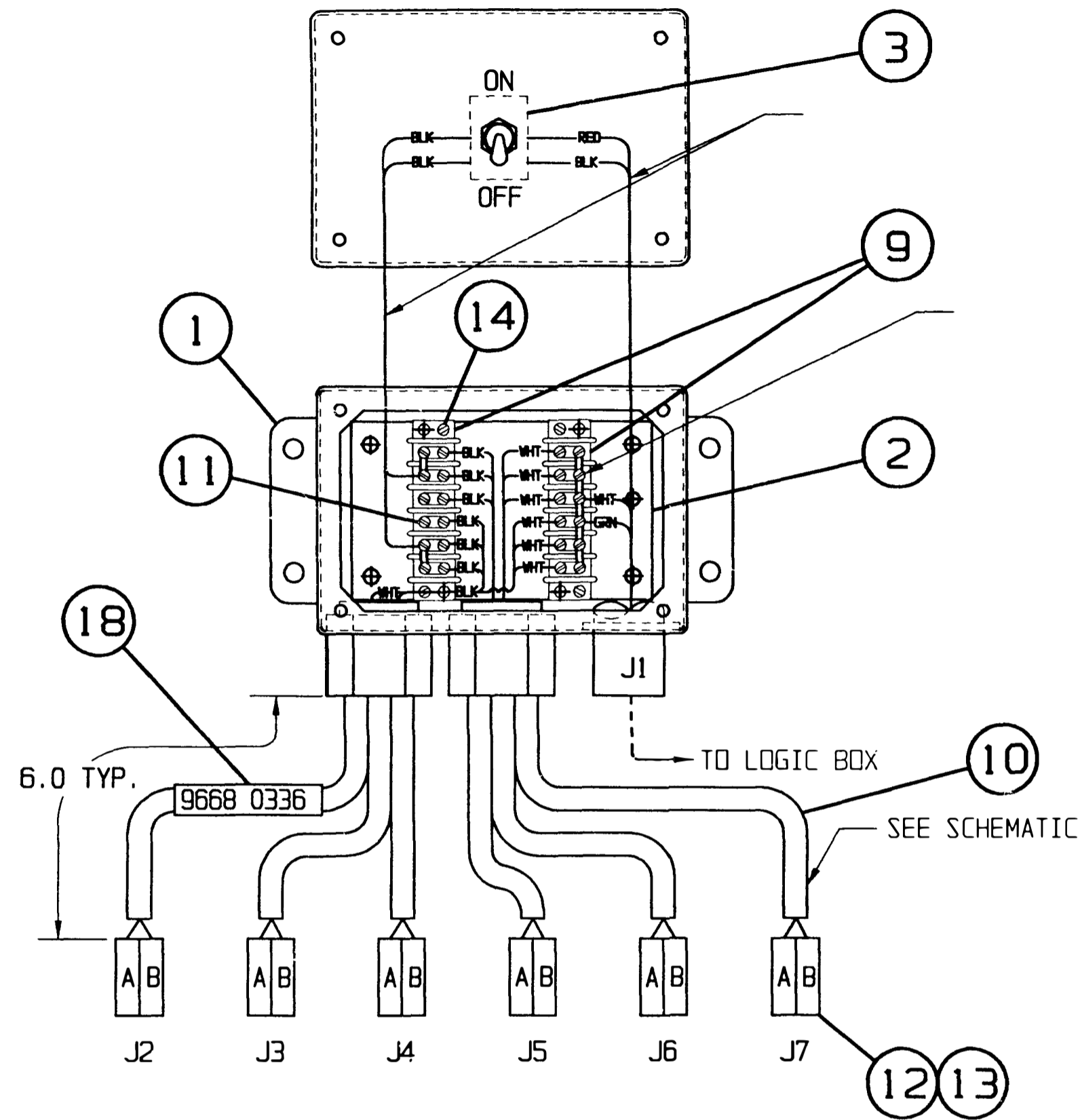
NO. 9668 0336

SHEET NO. 1/1

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LIST OF MATERIALS

ITEM NO.	PART NUMBER OR MATERIAL	QTY. REQ.	PART NAME	DWG SIZE
1	2029 2863	1	BOX, JUNCTION	
2	5752 2006	1	PANEL	
3	5125 583	1	SWITCH, ON-OFF (DPST)	
4	5103 830	2	GRIP, CORD 1'NPT .75-.88	
5	5104 018	2	NUT, 1.0" CONDUIT	
6	-	1	CONNECTOR, 6 PIN	
7	-	4	CONTACT, PIN	
8	-	2	PLUG, SEALING	
9	7648 1954	2	TERMINAL BLOCK 6 TERM	
10	5270 228	8FT	CABLE, ELECTRICAL TYPE	
11	5159 050	9	JUMPER	
12	5166 772	6	CONNECTOR, SHROUD 2 WAY	
13	5166 782	12	TERM, PIN-MALE	
14	2837 337	4	SCREW, MACH RD. HD. #6-32 x .5	
15	5640 6124	1	PLAQUE	
16	2837 217	4	SCREW, MACH #4-40 x .5	
17	3048 022	4	NUT, HEX #4-40	
18	-	1	FASTAG LABEL	



<p>CUSTOMARY: ALL DIMENSIONS IN INCHES IMPLIED TOLERANCES Finished Dimensions DECIMAL INCH FRACTION : 1/8 .X : .06 .XX : .03 .XXX : .010</p>		
	<p>DRAWN: GDS DATE: 4-27-99</p>	<p>CHECKED: JFE 5-12-99 APPROVED: JFE 5-12-99</p>
	<p>PRODUCT: X DESCRIPTION: SWITCH BOX ASSY FLOOD LIGHTS</p>	
	<p>SIZE: C SCALE: 1:2</p>	<p>DRAWING CODE NUMBER: 9668 0336 REV.:</p>
<p>NEW ISSUE BY: GDS DATE: 4-27-99</p>	<p>ENG. ORDER # NONE</p>	<p>ASSEMBLY: 9833 0009 SHEET 1 OF 1</p>