

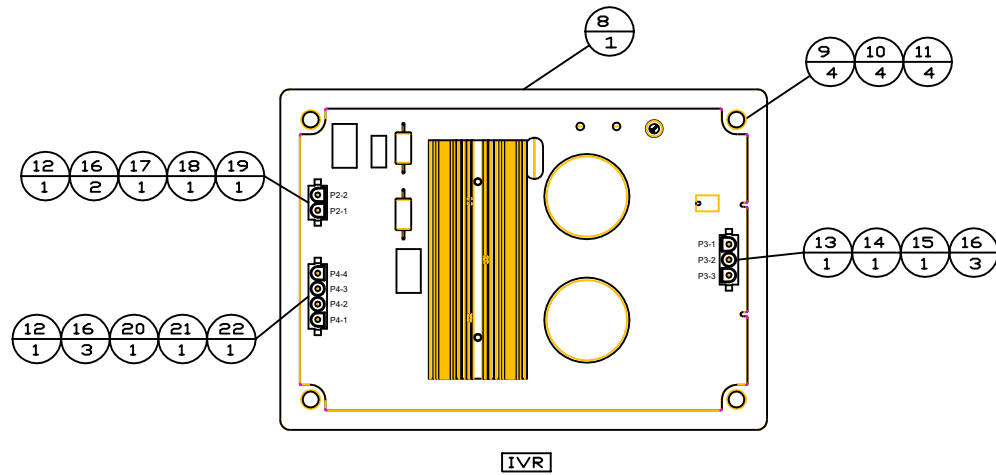
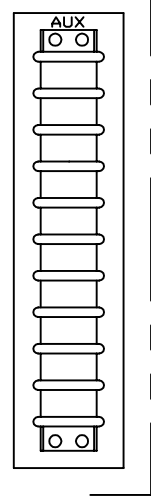
ITEM	QTY	MEAS UNIT	PART NO.	NAME
MISC REF				
1				
2				
3				
4				
5				
6	2		7C-6121	MOUNT
7	2		5N-9067	COLLAR
8	1		9Y-9771	FILM
9	3		4P-2160	WASHER
10	3		4P-2161	SCREW
11	3		4P-2162	CLIP
12	1		104-7287	PANEL AS.
13	2		5N-9072	CLIP
14	16	dm	5N-8359	CONDUIT
15	2		5N-9117	ADAPTER
16	2		062-5388	LOCKNUT
17	1		204-9551	PANEL AS.
18	1		204-0747	BOX AS.

NOTE: REFERENCE CAT DRAWING# 194-7764-03 SHEET 2 FOR BILL OF MATERIALS.

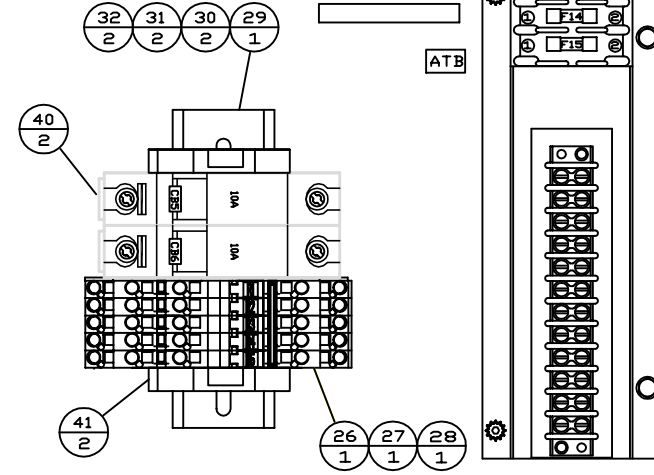
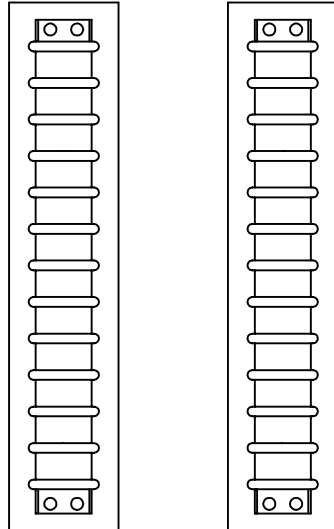
- NOTE A: MOUNT FILMS ON CONTROL PANEL FLOOR.
- NOTE B: FRONT PANEL TO BE 14 GA HINGED AT BOTTOM. BOLT OR PIN SECURE AT THE TOP.
- NOTE C: COMPLETE CONTROL PANEL SHALL BE FINISH PAINTED CATERPILLAR YELLOW, INSTRUMENT DOOR SHALL BE PAINTED FLAT BLACK.
- NOTE D: CONTROL PANEL BOX TO BE 14 GA. FORMED CONSTRUCTION.
- NOTE E: IDENTIFICATION NAME PLATE SHALL BE PERMANENTLY AFFIXED TO THE INSIDE LOWER SURFACE OF THE CONTROL PANEL ENCLOSURE & SHALL INCLUDE THE PANEL PART NUMBER, MODEL NUMBER & DATE CODE OF MANUFACTURE.
- NOTE F: A COMPLETE SET OF CATERPILLAR DRAWINGS SHALL BE PACKED INSIDE EACH CONTROL PANEL.
- NOTE G: CONTROL PANEL ENCLOSURE JOINTS & HARDWARE MOUNTING HOLES SHALL BE SEALED WITH DOW CORNING RTV732.

ALTORFER		ALTORFER POWER SYSTEMS	
6315 W. FAUBER RD. BARTONVILLE, IL 61607		PHONE (309) 697-1234 FAX (309) 282-7546	
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ADD REV. DATE & REVISIONS IN RED INCHES & TERMINALS IN BLACK CHANGE NOTICE 1 ME	ALL DIMENSIONS IN INCHES (UNLESS OTHERWISE SPECIFIED)	FILE	PROJECT REFERENCE
	TOLERANCES: X.X ± 0.100 X.XX ± 0.050 X.XXX ± 0.005	THIRD ANGLE PROJECTION	DF/54E
	SCALE/SHEET SIZE	DRAWN BY	QUOTE NUMBER
	ANGULAR ± 1'	SHEET	D. ROLING
TITLE		DATE	WORK ORDER NUMBER
XQ400RM (3456) CONTROL PANEL GROUP		12/01/2015	DRAWING NUMBER
		2 OF 3	54A415-01

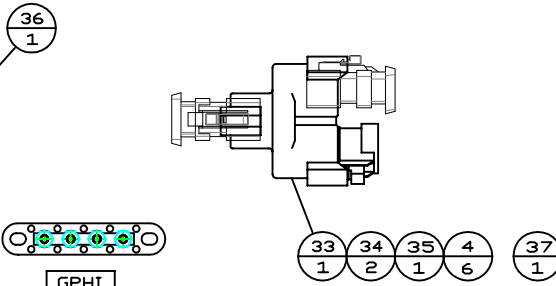
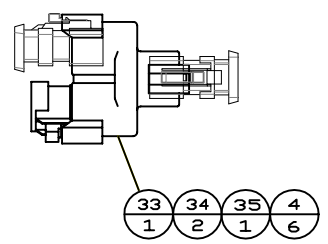
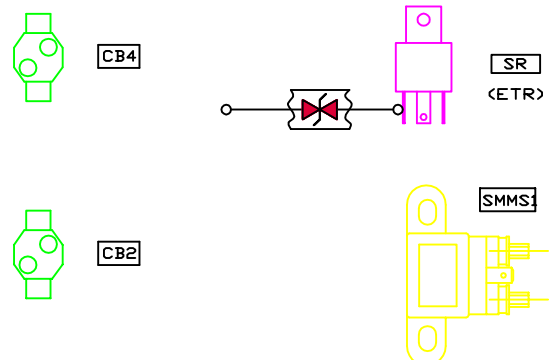
LEFT SIDE OF ENCLOSURE



TS1

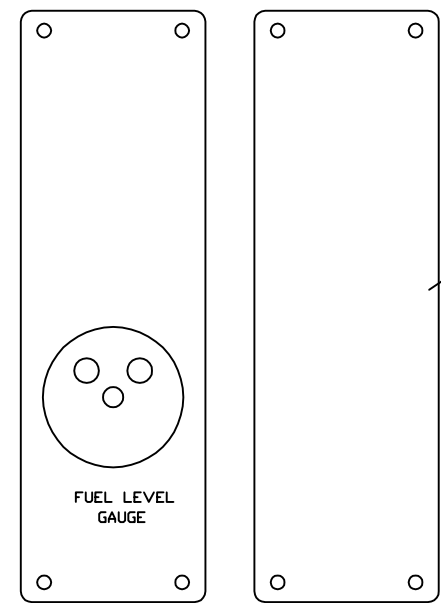
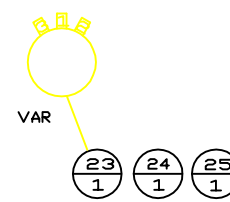
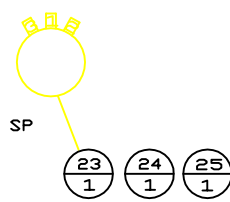
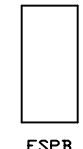
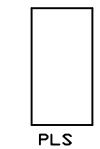
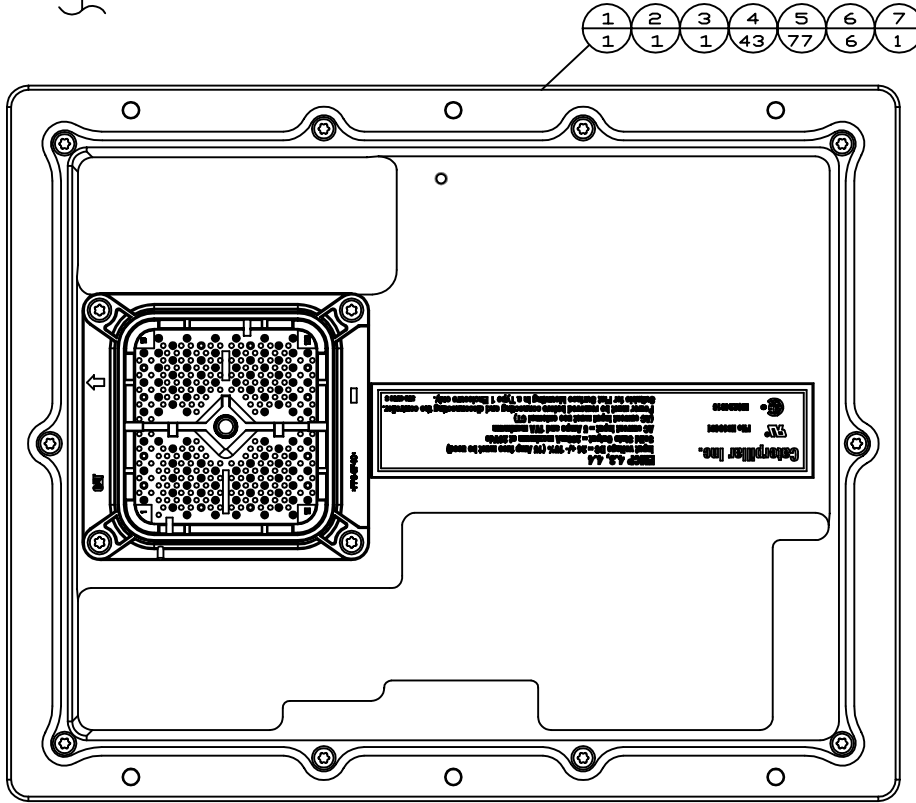


ATB



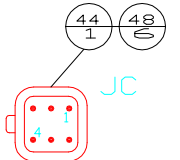
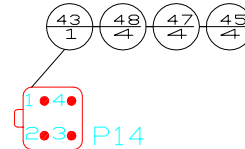
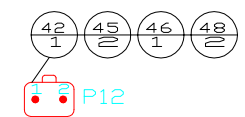
SUB PAN (FRONT VIEW)

INSTRUMENT DOOR (TOP VIEW WITH DOOR OPEN)



ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	450-9609	EMCP4.3 CONTROL GROUP
2	1	103-6272	SEAL
3	1	264-5732	PLUG-120 PIN
4	55	126-1768	SOCKET-CONNECTOR (GOLD)
5	77	8T-8737	PLUG-SEALING
6	6	243-5027	NUT-M6X1
7	1	233-7742	SCREW-EMCP GND.
8	1	398-7248	IVR CONTROL ASSEMBLY
9	4	9X-8256	WASHER-HARD 1/4"
10	4	7X-2501	BOLT 1/4" X 1-1/4"
11	4	150-4286	NUTSERT 1/4"-20
12	2	416-4615	CORE SUPPRESSION FERRITE BEADS
13	1	366-9370	P3 PLUG HOUSING
14	1	416-1335	P3 INTERFACE SEAL
15	1	416-1334	P3 WIRE SEAL
16	8	244-0452	CONTACT- MATE-N-LCK
17	1	416-1367	P2 PLUG HOUSING
18	1	416-1332	P2 INTERFACE SEAL
19	1	416-1333	P2 WIRE SEAL
20	1	351-9187	P4 PLUG HOUSING
21	1	416-1336	P4 INTERFACE SEAL
22	1	416-1337	P4 WIRE SEAL
23	2	4W-5972	KNOB
24	2	7C-4550	SEAL-ROD. SFT.
25	2	MW22B-10-1K	POTENTIOMETER-10 TURN 1K
26	5	347-0328	BLOCK-RELAY
27	1	347-0329	COVER-END
28	1	347-0337	BAR-FIXED BRIDGE
29	12cm	147-1960	RAIL-DIN
30	2	6V-7978	SCREW-10-32 X 3/4"
31	2	33074	WASHER-FLAT #10
32	2	6V-5157	INSERT-THREADED 10-32
33	2	133-0970	RECEPTACLE
34	4	174-0503	PLUG KIT
35	2	174-3016	PLUG ASSY.-RESISTOR
36	1	9W-1951	RECEPTACLE ASSY.-SVC CONN.
37	31dm	153-2707	SHIELDED WIRE-J1939
38	1	139-2118	SWITCH ASSY.-TOGGLE (VFSS)
39	1	54C300	PLATE-ANNUNCIATOR BLOCKOFF
40	2	125-9962	BREAKER-10 AMP
41	2	314-9101	BRACKET-END
42	1	102-8802	RECEPTACLE ASSY. 2 PIN
43	1	102-8804	RECEPTACLE ASSY. 4 PIN
44	1	155-2274	PLUG ASSY. 6 PIN
45	12	126-1767	SOCKET-CONNECTOR (GOLD)
46	1	155-2270	PLUG ASSY. 2 PIN
47	1	155-2271	PLUG ASSY. 4 PIN
48	1	126-1767	PIN-CONNECTOR (GOLD)

NOTE: VFSS LOCATED ON LOAD PAN BY CHANGEDOVER BOARD



		ALTORFER POWER SYSTEMS 8315 W. FAUBER RD. PHONE (309) 897-1234 BARTONVILLE, IL 61807 FAX (309) 282-7546	
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TOLERANCES: XX ± 0.100 XXX ± 0.050 XXXX ± 0.005	THIRD ANGLE PROJECTION	SCALE/SHEET SIZE: 1=1/D	DRAWN BY: D. ROLLING
ANGULAR ± 1°	SHEET: 3 OF 3	DATE: 12/08/2015	WORK ORDER NUMBER:
TITLE: XQ400RM (3456) CONTROL PANEL LAYOUT			DRAWING NUMBER: 54A415-01