

CATERPILLAR SR4

5YA / SEBP2015

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Electrical and electronics	2

7E-4300 CHART-METER PANEL

7E4300 CHART-METER PANEL-PART 1 OF 5 GENERATOR MOUNTED

Drawing 1 of 1

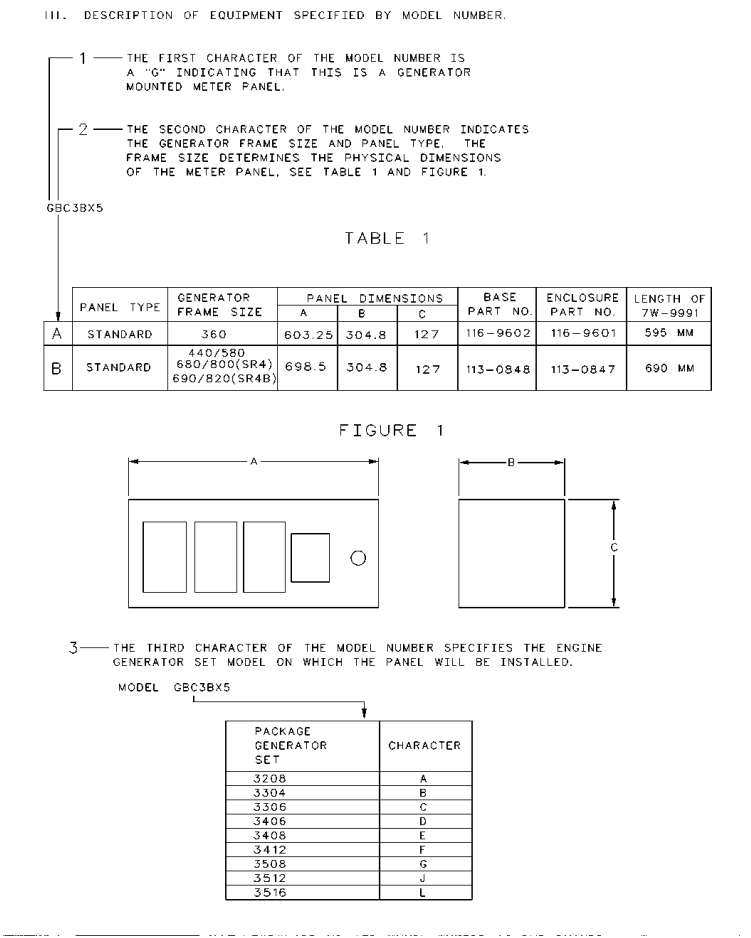


Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2015/SEBP20150001 yet.					

7E-4300 CHART-METER PANEL

7E4300 CHART-METER PANEL-PART 2 OF 5 GENERATOR MOUNTED

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
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7E-4300 CHART-METER PANEL

7E4300 CHART-METER PANEL-PART 3 OF 5 GENERATOR MOUNTED

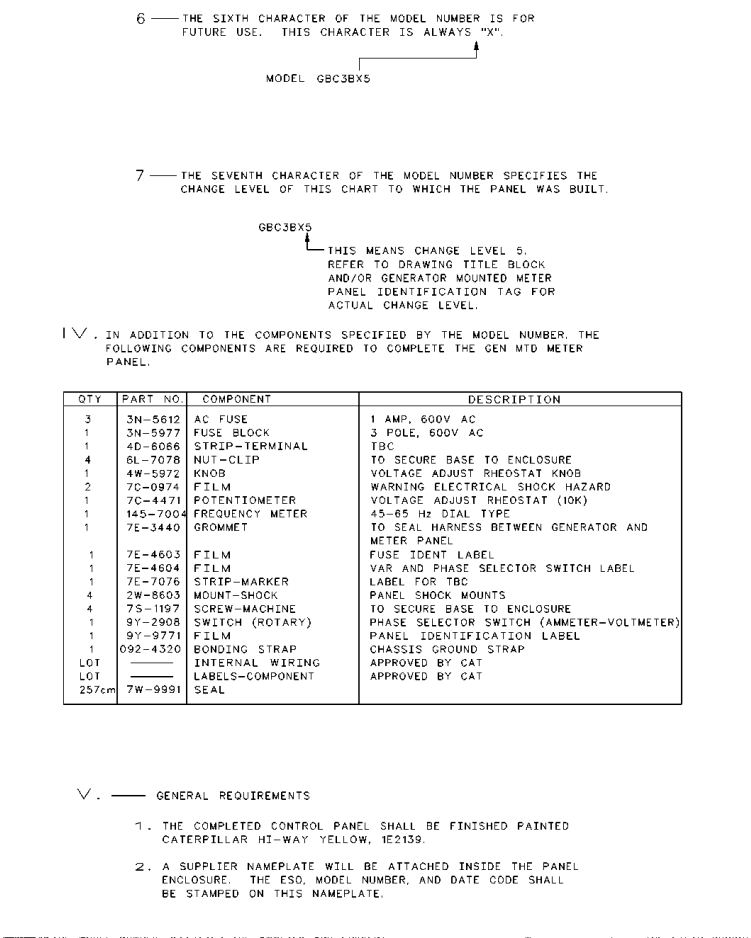
Drawing 1 of 1

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NOTE:SQUARE CURRENT TRANSFORMERS TO BE SUPPLIED IF 3RD CHARACTER OF METER PANEL MODEL NUMBER IS E THROUGH L (3408, 3412 AND 3500 GENSET ENGINES OR PACKAGE GENERATOR SETS). ROUND CURRENT TRANSFORMERS TO BE SUPPLIED WITH ALL OTHER ENGINE SALES MODELS.																																																																																																																																																																					

7E-4300 CHART-METER PANEL

7E4300 CHART-METER PANEL-PART 4 OF 5 GENERATOR MOUNTED

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2015/SEBP20150004 yet.					

7E-4300 CHART-METER PANEL

7E4300 CHART-METER PANEL-PART 5 OF 5 GENERATOR MOUNTED

Drawing 1 of 1

3. STANDARD HARDWARE FASTENERS USED FOR SHEETMETAL TO SHEETMETAL SECUREMENT SHALL BE TORQUED TO THE VALUES GIVEN BELOW. IN ADDITION TYPE B LOCTITE SEALANT AS SPECIFIED BY 1E2200 SHALL BE USED.

SCREW SIZE (INCH)	STANDARD HARDWARE			
	NEWTON-METERS		FOOT-LBS	
	MIN	MAX	MIN	MAX
4-40	0.37	0.53	0.3	0.4
6-32	0.69	0.98	0.5	0.7
8-32	1.41	2.01	1.0	1.5
10-32	2.35	3.36	1.7	2.5
1/4-20	5.70	8.14	4.2	6.0
5/16-18	10.44	14.91	7.7	11.0
3/8-16	18.03	25.76	13.3	19.0
7/16-14	28.48	40.68	21.3	30.0
1/2-13	42.71	61.02	31.5	45.0
9/16-12	62.65	89.50	46.2	66.0
5/8-11	88.28	126.11	65.1	93.0
3/4-10	142.38	203.40	105.0	150.0
7/8-9	191.74	273.91	141.4	202.0

4. METER PHASE SELECTOR SWITCH POSITION VS. PHASE

POSITION	OFF	1	2	3
AMMETER READING	OFF	PHASE 1	PHASE 2	PHASE 3
VOLTMETER READING	OFF	PH 1 TO 2	PH 2 TO 3	PH 3 TO 1

5. HARDWARE FASTENERS USED FOR MOUNTING INTERNAL COMPONENTS SHALL BE PLATED AS SPECIFIED BY 1E0397B, 1E1675D, 1E1675E, OR 1E1675F.

- ✓ 1. — CATERPILLAR REFERENCE DRAWINGS
7E-4301 CHANGE 04 INSTRUCTIONS
7E-4302 PANEL ARRANGEMENT
7E-7078 MOUNTING GP

Ref.	Part number	Description	Qty	Code	Group page
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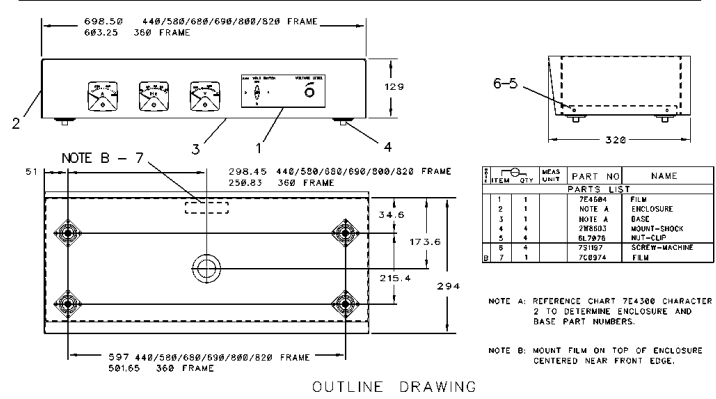
7E-4301 INSTRUCTIONS-METER PANEL

7E4301 INSTRUCTIONS-METER PANEL-PART 1 OF 5 GENERATOR MOUNTED

Drawing 1 of 1

A	AMPS	—	PRINTED CIRCUIT BOARD CIRCUITRY
AM	AC AMMETER		SHIELDED WIRE
AVS	AMMETER-VOLTMETER PHASE SELECTOR SWITCH	----	ENGINE WIRING JUMPER
BATT	BATTERY		GENERATOR FRAME (CHASSIS) GND
C	COMMON		EARTH GROUND
CT	CURRENT TRANSFORMER	---	MANUALLY OPERATED CONTROL
F	FUSE	└---	OPERATED BY TURNING
FB	FUSE BLOCK		FUSE
FM	FREQUENCY METER		FUSE
FMR	FREQUENCY METER RESISTOR		ADJUSTABLE LO-HI
Hz	FREQUENCY (CYCLES PER SECOND)		AC VOLTS
L	LOAD LEADS		ON,RUN
T	GENERATOR LINE LEADS	○	OFF,STOP
V	VOLTS		DC VOLTS
VM	AC VOLTMETER		CONNECTOR (PLUG & SOCKET)
VAR	VOLTAGE ADJUST RHEOSTAT	○—○	RESISTOR
	ENGINE GENERATOR TERM. PT.		CIRCUIT BREAKER
	METER PANEL TERM. PT.		CIRCUIT BREAKER
	VOLTAGE REGULATOR TERM. PT.		
—	STANDARD WIRING		
----	OPTIONAL WIRING		
----	REQUIRED CUSTOMER WIRING		

ABBREVIATIONS AND SYMBOLS



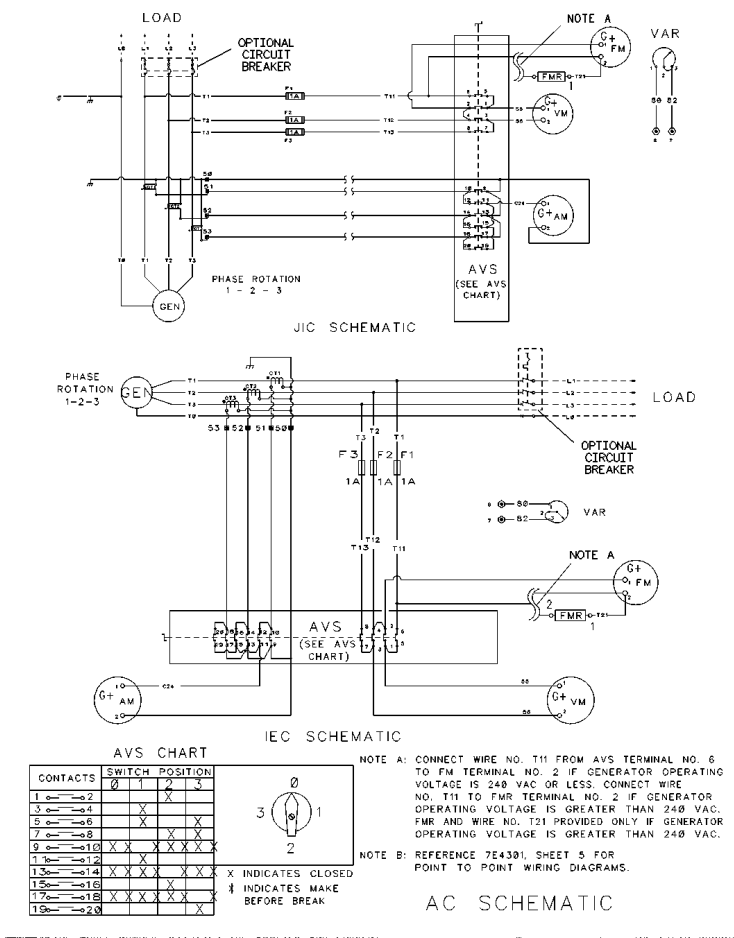
OUTLINE DRAWING

Ref.	Part number	Description	Qty	Code	Group
					page
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7E-4301 INSTRUCTIONS-METER PANEL

7E4301 INSTRUCTIONS-METER PANEL-PART 2 OF 5 GENERATOR MOUNTED

Drawing 1 of 1

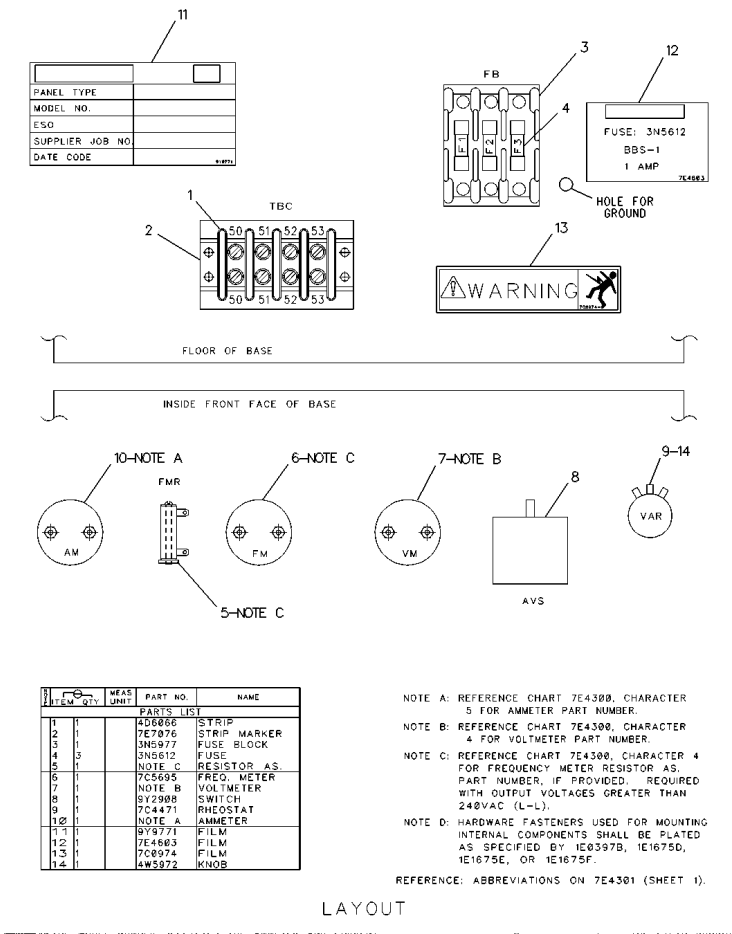


Ref.	Part number	Description	Qty	Code	Group
Parts list rows are not synced on this VPS for SEBP2015/SEBP20150007 yet.					
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7E-4301 INSTRUCTIONS-METER PANEL

7E4301 INSTRUCTIONS-METER PANEL-PART 3 OF 5 GENERATOR MOUNTED

Drawing 1 of 1

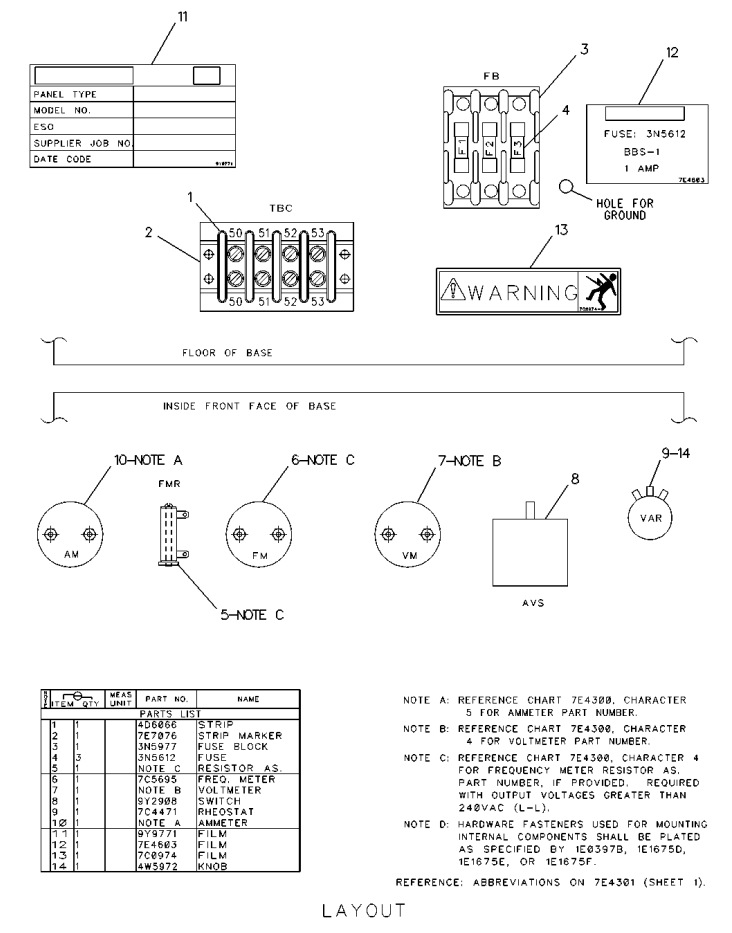


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7E-4301 INSTRUCTIONS-METER PANEL

7E4301 INSTRUCTIONS-METER PANEL-PART 4 OF 5 GENERATOR MOUNTED

Drawing 1 of 1



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			.		page
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