

CATERPILLAR 3306B

8JJ / SEBP2002

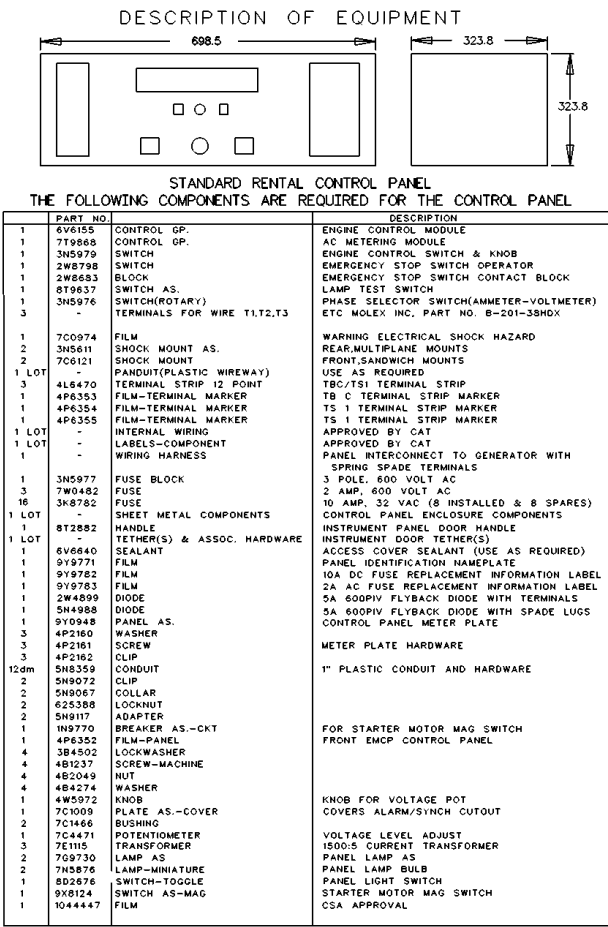
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6I-1134 PANEL AR-CONTROL

6I1134 PANEL AR-CONTROL-PART 1 OF 2 6V6155 & 7T9868-PAGE 14 FOR USE WITH 3406B RENTAL GENERATOR SET ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2002/SEBP20020001 yet.					

6I-1134 PANEL AR-CONTROL

6I1134 PANEL AR-CONTROL-PART 2 OF 2 FOR USE WITH 3406B RENTAL GENERATOR SET ENGINE

Drawing 1 of 1

- GENERAL REQUIREMENTS
- 1. ALL CONTROL PANELS SHALL CONTAIN THE APPROPRIATE SPACE,WIRING,HOLES,ETC. TO SUPPORT THE FIELD INSTALLATION OF ANY OPTION LISTED ON THIS CHART.
 - 2. THE COMPLETED CONTROL PANEL SHALL BE FINISHED PAINTED CATERPILLAR YELLOW,IE2139,WITH THE INSTRUMENT DOOR PAINTED FLAT BLACK.
 - 3. A SUPPLIER NAMEPLATE WILL BE ATTACHED INSIDE THE PANEL. 6I1134 SHALL BE STAMPED ON THIS NAMEPLATE, ALONG WITH THE DATE CODE.
 - 4. A COMPLETE SET OF CAT DRAWINGS INCLUDING OUTLINE DRAWING, WIRING DIAGRAMS, SCHEMATIC DIAGRAMS,INTERCONNECT DIAGRAM SHALL BE PACKED WITH EACH CONTROL PANEL.
 - 5. SWITCH S1 IS TO BE SET TO POSITION 10 FOR ACM PROGRAMMING.
 - 6. SWITCH S2 IS TO BE SET TO POSITION 0 FOR ACM PROGRAMMING.
 - 7. ECM IS TO BE PROGRAMED FOR : ENERGIZE TO RUN
113 TEETH
1800 RPM
ENGLISH UNITS
CRANK TERMINATE - 400 RPM
OIL STEP - 1350 RPM
OVERSPEED - 2124 RPM
OIL PRESSURE - HI RPM - 30 PSI
OIL PRESSURE - LO RPM - 10 PSI
COOLANT TEMP - 225°F
 - 8. 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 IE2200, SHALL BE USED EXCEPT ON INSTRUMENT PANEL DOOR FASTENERS.

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

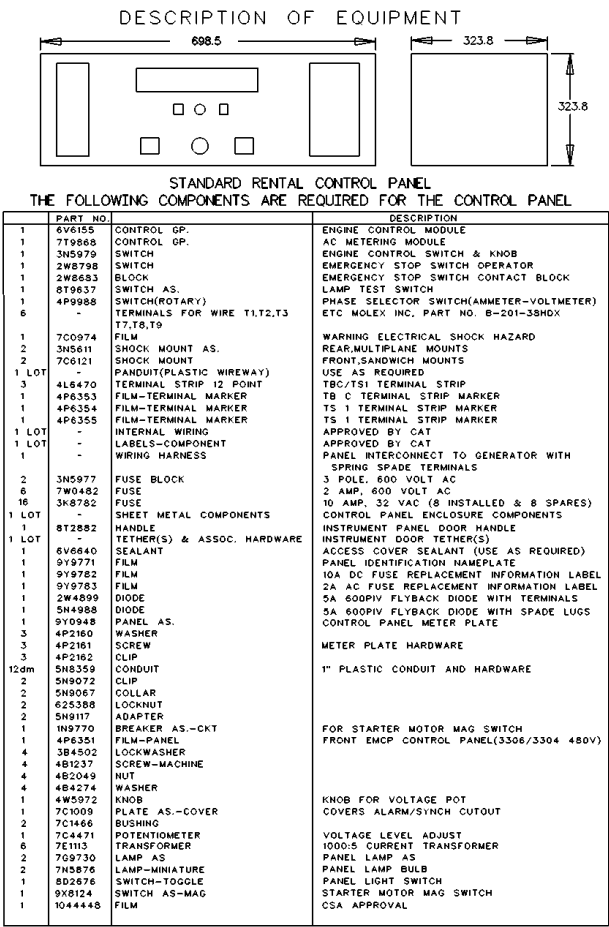
CATERPILLAR REFERENCE DRAWINGS
4P9989 CHANGE 04 INSTRUCTIONS

Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2002/SEBP20020002 yet.					

6I-1135 PANEL AR-CONTROL

6I1135 PANEL AR-CONTROL-PART 1 OF 2 6V6155 & 7T9868-PAGE 14 FOR USE WITH 3304B & 3306B RENTAL GENERATOR SET ENGINES

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2002/SEBP20020003 yet.					

6I-1135 PANEL AR-CONTROL

6I1135 PANEL AR-CONTROL-PART 2 OF 2 FOR USE WITH 3304B & 3306B RENTAL GENERATOR SET ENGINES

Drawing 1 of 1

- GENERAL REQUIREMENTS
- 1. ALL CONTROL PANELS SHALL CONTAIN THE APPROPRIATE SPACE,WIRING,HOLES,ETC. TO SUPPORT THE FIELD INSTALLATION OF ANY OPTION LISTED ON THIS CHART.
 - 2. THE COMPLETED CONTROL PANEL SHALL BE FINISHED PAINTED CATERPILLAR YELLOW,IE2139,WITH THE INSTRUMENT DOOR PAINTED FLAT BLACK.
 - 3. A SUPPLIER NAMEPLATE WILL BE ATTACHED INSIDE THE PANEL. 6I1135 SHALL BE STAMPED ON THIS NAMEPLATE, ALONG WITH THE DATE CODE.
 - 4. A COMPLETE SET OF CAT DRAWINGS INCLUDING OUTLINE DRAWING, WIRING DIAGRAMS, SCHEMATIC DIAGRAMS,INTERCONNECT DIAGRAM SHALL BE PACKED WITH EACH CONTROL PANEL.
 - 5. SWITCH S1 IS TO BE SET TO POSITION 8 FOR ACM PROGRAMMING.
 - 6. SWITCH S2 IS TO BE SET TO POSITION 0 FOR ACM PROGRAMMING.
 - 7. ECM IS TO BE PROGRAMED FOR : ENERGIZE TO RUN
156 TEETH
1800 RPM
ENGLISH UNITS
CRANK TERMINATE - 400 RPM
OIL STEP - 1125 RPM
OVERSPEED - 2124 RPM
OIL PRESSURE - HI RPM - 12 PSI
OIL PRESSURE - LO RPM - 10 PSI
COOLANT TEMP - 225°F
 - 8. 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 IE2200, SHALL BE USED EXCEPT ON INSTRUMENT PANEL DOOR FASTENERS.

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

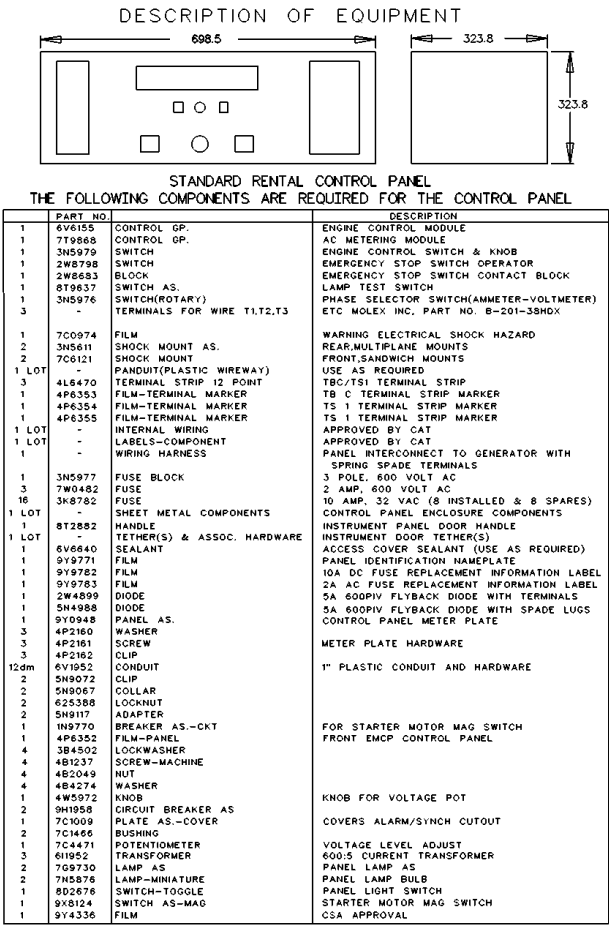
CATERPILLAR REFERENCE DRAWINGS
4P9990 CHANGE 03 INSTRUCTIONS

Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2002/SEBP20020004 yet.					

102-3598 PANEL AR-CONTROL

1023598 PANEL AR-CONTROL-PART 1 OF 2 6V6155 & 7T9868 PAGE 14 FOR USE WITH 3304B, 3306B & 3406B RENTAL GENERATOR SET ENGINES

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group
			.		page
REFER TO CHART					

102-3598 PANEL AR-CONTROL

1023598 PANEL AR-CONTROL-PART 2 OF 2 FOR USE WITH 3304B, 3306B & 3406B RENTAL GENERATOR SET ENGINES

Drawing 1 of 1

GENERAL REQUIREMENTS

1.

ALL CONTROL PANELS SHALL CONTAIN THE APPROPRIATE SPACE,WIRING,HOLES,ETC. TO SUPPORT THE FIELD INSTALLATION OF ANY OPTION LISTED ON THIS CHART.

2.

THE COMPLETED CONTROL PANEL SHALL BE FINISHED PAINTED CATERPILLAR YELLOW,IE2139,WITH THE INSTRUMENT DOOR PAINTED FLAT BLACK.

3.

A SUPPLIER NAMEPLATE WILL BE ATTACHED INSIDE THE PANEL. 102-3597 SHALL BE STAMPED ON THIS NAMEPLATE,ALONG WITH THE DATE CODE.

4.

A COMPLETE SET OF CAT DRAWINGS INCLUDING OUTLINE DRAWING, WIRING DIAGRAMS, SCHEMATIC DIAGRAMS,INTERCONNECT DIAGRAM SHALL BE PACKED WITH EACH CONTROL PANEL.

5.

SWITCH S1 IS TO BE SET TO POSITION 6 FOR ACM PROGRAMMING.

6.

SWITCH S2 IS TO BE SET TO POSITION 0 FOR ACM PROGRAMMING.

7.

ECM IS TO BE PROGRAMED FOR X0125-X0225 : ENERGIZE TO RUN
156 TEETH
1800 RPM
ENGLISH UNITS
CRANK TERMINATE - 400 RPM
OIL STEP - 1125 RPM
OVERSPEED - 2124 RPM
OIL PRESSURE - HI RPM - 12 PSI
OIL PRESSURE - LO RPM - 10 PSI
COOLANT TEMP - 225°F

8.

SETTINGS FOR CUSTOMER USED WITH X0350 : ENERGIZE TO RUN
113 TEETH
1800 RPM
ENGLISH UNITS
CRANK TERMINATE - 400 RPM
OIL STEP - 1350 RPM
OVERSPEED - 2124 RPM
OIL PRESSURE - HI RPM - 30 PSI
OIL PRESSURE - LO RPM - 10 PSI
COOLANT TEMP - 225°F

9.

STANDARD HARDWARE FASTENERS USED FOR SHEETMETAL TO SHEETMETAL SECUREME SHALL BE TORQUED TO THE VALUES GIVEN BELOW. IN ADDITION TYPE B LOCTITE NT SEALANT, AS SPECIFIED BY IE2200, SHALL BE USED EXCEPT ON INSTRUMENT PANEL DOOR FASTENERS.

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

CATERPILLAR REFERENCE DRAWINGS
102-3597 CHANGE 01 INSTRUCTIONS

Ref.	Part number	Description	Qty	Code	Group page
REFER TO CHART					

109-5266 PANEL AR-CONTROL

1095266 PANEL AR-CONTROL-PART 1 OF 2 3300 CONTROL PANEL 1010225-PAGE 16, 1117760-PAGE 19, 1176201-PAGE 17

Drawing 1 of 1

	PART NO.		
1	117-6201	CONTROL GP.	GEN SET STATUS CONTROL
1	101-0225	CONTROL GP.	AC TRANSFORMER BOX
1	3N-5979	SWITCH	ENGINE CONTROL SWITCH & KNOB
3	-	TERMINALS FOR WIRE T1,T2,T3	ETC MOLEX INC. PART NO. B-201-38HDX
1	7C-0974	FILM	WARNING ELECTRICAL SHOCK HAZARD
2	3N-5611	SHOCK MOUNT AS.	REAR, MULTIPLANE MOUNTS
2	7C-6121	SHOCK MOUNT	FRONT, SANDWICH MOUNTS
1 LOT	-	INTERNAL WIRING	APPROVED BY CAT
1 LOT	-	LABELS-COMPONENT	APPROVED BY CAT
1	-	WIRING HARNESS	PANEL INTERCONNECT TO GENERATOR WITH SPRING SPADE TERMINALS
9	7W-0482	FUSE	2 AMP, 600 VOLT AC
16	3K-8782	FUSE	10 AMP, 32 VAC (8 INSTALLED & 8 SPARES)
1 LOT	-	SHEET METAL COMPONENTS	CONTROL PANEL ENCLOSURE COMPONENTS
1 LOT	8T-2882	HANDLE	INSTRUMENT PANEL DOOR HANDLE
1	-	TETHER(S) & ASSOC. HARDWARE	INSTRUMENT DOOR TETHER(S)
1	9Y-9771	FILM	PANEL IDENTIFICATION NAMEPLATE
1	9Y-9782	FILM	10A DC FUSE REPLACEMENT INFORMATION LABEL
1	9Y-9783	FILM	2A AC FUSE REPLACEMENT INFORMATION LABEL
1	2W-4899	DIODE AS.	5A 600PIV FLYBACK DIODE WITH BLADE CONNECTORS
1	5N-4988	DIODE AS.	5A 600PIV FLYBACK DIODE WITH SPADE LUGS
3	4P-2160	WASHER	
3	4P-2161	SCREW	METER PLATE HARDWARE
3	4P-2162	CLIP	
16dm	5N-8359	CONDUIT	1" PLASTIC CONDUIT AND HARDWARE
2	5N-9072	CLIP	
2	5N-9067	COLLAR	
2	062-5388	LOCKNUT	
2	5N-9117	ADAPTER	
1	7C-4471	POTENTIOMETER	VOLTAGE LEVEL ADJUST POT.
1	3E-3388	RECEPTACLE AS.	8 PIN RECEPTACLE TO MATCH ATB
1	3E-6286	PLUG AS.	40 PIN PLUG TO MATCH GSC
1	3E-3379	PLUG AS.	6 PIN PLUG FOR SENSOR HARNESS
4	2N-3479	SCREW	SHOCK MOUNT HARDWARE
4	4B-4274	WASHER	
4	8C-7507	LOCKWASHER	
4	4B-2049	NUT	
1	4W-5972	KNOB	KNOB FOR VOLTAGE LEVEL ADJUST POT.
1	1N-9770	BREAKER AS. - CKT	FOR STARTER MOTOR MAG SWITCH
1	103-1837	FILM-CONT PANEL	FRONT EMCP CONTROL PANEL
1	112-5536	PLATE AS. - COVER	MOUNTS HI/LO SWITCH
6	7E-1113	TRANSFORMER	1000:5 CURRENT TRANSFORMER
2	7G-9730	LAMP AS.	PANEL LAMP AS.
2	7N-5876	LAMP - MINATURE	PANEL LAMP BULB
1	8D-2676	SWITCH - TOGGLE	PANEL LIGHT SWITCH
1	9X-8124	SWITCH AS. - MAGC	STARTER MOTOR MAG SWITCH
1	-	FILM	CSA APPROVAL
1	106-9926	FILM	COMPONENT I.D. FILM
1	4P-6354	FILM	TS1 MARKER
1	4P-6355	FILM	TS1 MARKER
2	4L-6470	STRIP	TS1 TERMINAL STRIP
1	3E-3367	PLUG AS.	GSC CONNECTOR
1	7C-9179	STRIP	AUX TERMINAL STRIP
1	106-8848	DIODE AS.	NOISE SUPPRESSOR-ESTOP
1	103-6197	BLOCK	GPHI
1	103-1836	FILM	AUX TERMINAL STRIP MARKER
1	108-8715	FILM	HI/LOW SWITCH FILM
1	111-7760	SHUT-OFF GP	ETR SHUTOFF GP
1	110-5174	SWITCH	HI/LOW VOLTAGE SWITCH

Ref. Part number Description

Qty Code Group
page

Parts list rows are not synced on this VPS for SEBP2002/SEBP20020007 yet.

109-5266 PANEL AR-CONTROL

1095266 PANEL AR-CONTROL-PART 2 OF 2 3300 CONTROL PANEL

Drawing 1 of 1

GENERAL REQUIREMENTS

1.

THE COMPLETED CONTROL PANEL SHALL BE FINISHED PAINTED CATERPILLAR YELLOW,1E2139,WITH THE INSTRUMENT DOOR PAINTED FLAT BLACK.
2.

A SUPPLIER NAMEPLATE WILL BE ATTACHED INSIDE THE PANEL. 109-5266 SHALL BE STAMPED ON THIS NAMEPLATE, ALONG WITH THE DATE CODE.
3.

A COMPLETE SET OF CAT DRAWINGS INCLUDING OUTLINE DRAWING, WIRING DIAGRAMS, SCHEMATIC DIAGRAMS,INTERCONNECT DIAGRAM SHALL BE PACKED WITH EACH CONTROL PANEL.
4.

ECM IS TO BE PROGRAMMED FOR: ENERGIZE TO RUN
156 TEETH
1000 RPM
ENGLISH UNITS
CRANK TERMINATE - 400 RPM
OIL STEP - 1125 RPM
OVERSPEED - 2124 RPM
OIL PRESSURE - HI RPM - 12 PSI
OIL PRESSURE - LO RPM - 10 PSI
COOLANT TEMP - 225°F
1000 AMP CURRENT
700 VOLT VOLTAGE
5.

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 EXCEPT ON INSTRUMENT PANEL DOOR FASTENERS.

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

Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2002/SEBP20020008 yet.					

109-5267 PANEL AR-CONTROL

1095267 PANEL AR-CONTROL-PART 1 OF 2 3406 CONTROL PANEL 1010225-PAGE 16, 1117760-PAGE 19, 1176201-PAGE 17

Drawing 1 of 1

	PART NO.		
1	117-6201	CONTROL GP.	GEN SET STATUS CONTROL
1	101-0225	CONTROL GP.	AC TRANSFORMER BOX
1	3N-5979	SWITCH	ENGINE CONTROL SWITCH & KNOB
3	-	TERMINALS FOR WIRE T1,T2,T3	ETC MOLEX INC, PART NO. B-201-38HDX
1	7C-0974	FILM	WARNING ELECTRICAL SHOCK HAZARD
2	3N-5611	SHOCK MOUNT AS.	REAR, MULTIPLANE MOUNTS
2	7C-6121	SHOCK MOUNT	FRONT, SANDWICH MOUNTS
1 LOT	-	INTERNAL WIRING	APPROVED BY CAT
1 LOT	-	LABELS-COMPONENT	APPROVED BY CAT
1	-	WIRING HARNESS	PANEL INTERCONNECT TO GENERATOR WITH SPRING SPADE TERMINALS
3	7W-0482	FUSE	2 AMP, 600 VOLT AC
16	3K-8782	FUSE	10 AMP, 32 VAC (8 INSTALLED & 8 SPARES)
1 LOT	-	SHEET METAL COMPONENTS	CONTROL PANEL ENCLOSURE COMPONENTS
1 LOT	8T-2882	HANDLE	INSTRUMENT PANEL DOOR HANDLE
1 LOT	-	TETHER(S) & ASSOC. HARDWARE	INSTRUMENT DOOR TETHER(S)
1	9Y-9771	FILM	PANEL IDENTIFICATION NAMEPLATE
1	9Y-9782	FILM	10A DC FUSE REPLACEMENT INFORMATION LABEL
1	9Y-9783	FILM	2A AC FUSE REPLACEMENT INFORMATION LABEL
1	2W-4899	DIODE AS.	5A 600PIV FLYBACK DIODE WITH BLADE CONNECTORS
1	5N-4988	DIODE AS.	5A 600PIV FLYBACK DIODE WITH SPADE LUGS
3	4P-2160	WASHER	
3	4P-2161	SCREW	METER PLATE HARDWARE
3	4P-2162	CLIP	
16dm	5N-8359	CONDUIT	1" PLASTIC CONDUIT AND HARDWARE
2	5N-9072	CLIP	
2	5N-9067	COLLAR	
2	062-5388	LOCKNUT	
2	5N-9117	ADAPTER	
1	7C-4471	POTENTIOMETER	VOLTAGE LEVEL ADJUST POT.
1	3E-3388	RECEPTACLE AS.	8 PIN RECEPTACLE TO MATCH ATB
1	3E-6286	PLUG AS.	40 PIN PLUG TO MATCH GSC
1	3E-3379	PLUG AS.	6 PIN PLUG FOR SENSOR HARNESS
4	2N-3479	SCREW	SHOCK MOUNT HARDWARE
4	4B-4274	WASHER	
2	4D-1326	LOCKWASHER	
2	6V-8801	NUT	
1	4W-5972	KNOB	KNOB FOR VOLTAGE LEVEL ADJUST POT.
1	1N-9770	BREAKER AS. - CKT	FOR STARTER MOTOR MAG SWITCH
1	103-1837	FILM-CONT PANEL	FRONT EMCP CONTROL PANEL
1	7C-1009	PLATE AS. - COVER	COVERS ALARM/SYNCH CUTOFF
2	7C-1466	BUSHING	
3	7E-1115	TRANSFORMER	1500:5 CURRENT TRANSFORMER
2	7G-9730	LAMP AS.	PANEL LAMP AS.
2	7N-5876	LAMP - MINATURE	PANEL LAMP BULB
1	8D-2676	SWITCH - TOGGLE	PANEL LIGHT SWITCH
1	9X-8124	SWITCH AS. - MAGC	STARTER MOTOR MAG SWITCH
1		FILM	CSA APPROVAL
1	106-9926	FILM	COMPONENT I.D. FILM
1	4P-6354	FILM	TS1 MARKER
1	4P-6355	FILM	TS1 MARKER
2	4L-6470	STRIP	TS1 TERMINAL STRIP
1	3E-3367	PLUG AS.	GSC CONNECTOR
1	7C-9179	STRIP	AUX TERMINAL STRIP
1	106-8848	DIODE AS.	NOISE SUPPRESSOR-ESTOP
1	111-7760	SHUTOFF GP	ETR SHUTOFF GP
1	103-6197	BLOCK	GPHI
1	103-1836	FILM	AUX TERMINAL STRIP MARKER

Ref.	Part number	Description	Qty	Code	Group page
Parts list rows are not synced on this VPS for SEBP2002/SEBP20020009 yet.					

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8JJ-SEBP2002

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