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Service Manual

ORDER NO.
CRT3842

BRIDGEABLE FOUR-CHANNEL POWER AMPLIFIER

GM-6300F/XU/UC
GM-6300F/XU/EW5
GM-6300F/XU/ES
GM-6300F/XU/CN5

This service manual should be used together with the following manual(s) listed below. For the parts numbers, adjustments, etc. which are not shown in this manual, refer to the following manual(s).

Model No.	Order No.	Mech. Module	Remarks
GM-6200F/XU/UC	CRT3520		

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
ⓒ**PIONEER CORPORATION 2006**

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SAFETY INFORMATION

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.
Health & Safety Code Section 25249.6 - Proposition 65

EXPLODED VIEWS AND PARTS LIST

PACKING(Page 8)

PACKING SECTION PARTS LIST

*:Non spare part

Mark	No.	Description	GM-6200F/XU/UC	GM-6300F/XU/UC
	5	Protector	CHP3066	Not used
	7	Carton	CHG5591	YHG5140
	8	Contain Box	CHL5591	YHL5140
	9-2	Owner's Manual	CRD4019	YRD5104
*	9-6	Caution Card	CRP1337	YRP5006
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

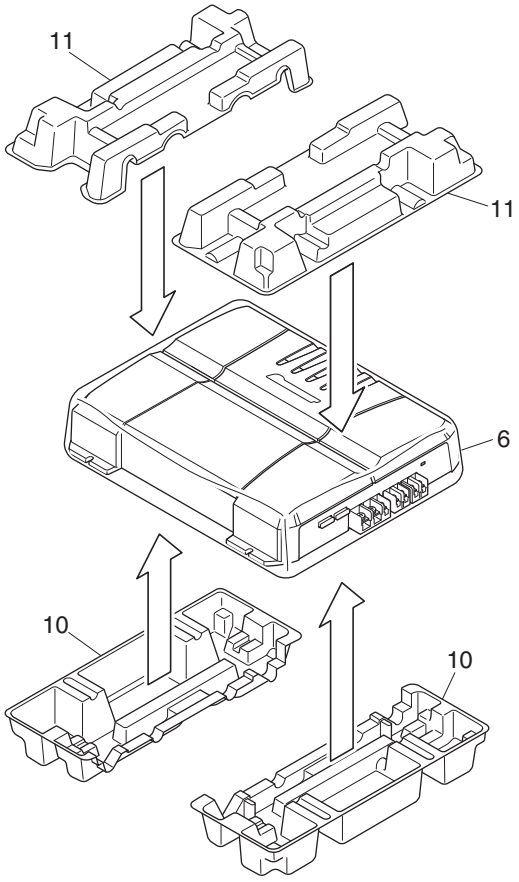
Mark	No.	Description	GM-6200F/XU/EW	GM-6300F/XU/EW5
	5	Protector	CHP3066	Not used
	7	Carton	CHG5591	YHG5139
	8	Contain Box	CHL5591	YHL5139
	9-2	Owner's Manual	CRD4019	YRD5103
*	9-6	Caution Card	CRP1337	YRP5006
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

Mark	No.	Description	GM-6200F/XU/ES	GM-6300F/XU/ES
	5	Protector	CHP3066	Not used
	7	Carton	CHG5593	YHG5138
	8	Contain Box	CHL5593	YHL5138
	9-2	Owner's Manual	CRD4021	YRD5101
	9-5	Owner's Manual	CRD4022	YRD5102
*	9-6	Caution Card	CRP1337	YRP5006
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

Mark	No.	Description	GM-6200F/XU/CN	GM-6300F/XU/CN5
	5	Protector	CHP3066	Not used
	7	Carton	CHG5594	YHG5137
	8	Contain Box	CHL5594	YHL5137
	9-2	Owner's Manual	CRB2108	YRB5040
*	9-6	Caution Card	CRP1337	YRP5006
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

Owner's Manual

Part No.	Language
YRD5104	English, French, Spanish
YRD5103	English, Spanish, German, French, Italian, Dutch, Russian
YRD5101	English, Spanish
YRD5102	Portuguese(B), Arabic
YRB5040	Simplified Chinese



EXTERIOR(Page 10)

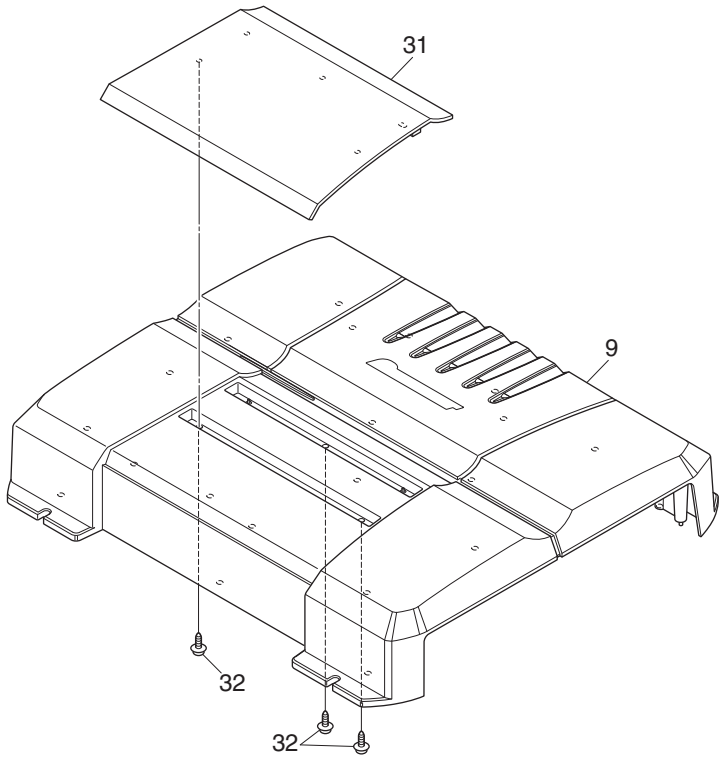
EXTERIOR SECTION PARTS LIST

Mark	No.	Description	GM-6200F/XU/UC	GM-6300F/XU/UC
*	4	Badge	CAH1946	YAH5033
	6	Case	CNB3199	YNB5019
	7	Panel	CNB3204	YNB5029
	8	Panel	CNB3208	YNB5024
	9	Heat Sink	CNR1833	YNR5036
	11	Lighting Conductor	CNV8692	YNV5091
	12	Amp Unit	CWH1289	YWH5019
	17	Sub Heat Sink	CNR1809	YNR5054
	18	Sub Heat Sink	CNR1811	YNR5055
	24	Terminal (CN601)	CKE1055	YKE5008
	31	Cover	Not used	YNR5045
	32	Screw	Not used	IBZ30P100FTC

Mark	No.	Description	GM-6200F/XU/EW	GM-6300F/XU/EW5
*	4	Badge	CAH1946	YAH5033
	6	Case	CNB3199	YNB5019
	7	Panel	CNB3204	YNB5029
	8	Panel	CNB3208	YNB5024
	9	Heat Sink	CNR1832	YNR5036
	11	Lighting Conductor	CNV8692	YNV5091
	12	Amp Unit	CWH1289	YWH5019
	17	Sub Heat Sink	CNR1809	YNR5054
	18	Sub Heat Sink	CNR1811	YNR5055
	24	Terminal (CN601)	CKE1055	YKE5008
	31	Cover	Not used	YNR5046
	32	Screw	Not used	IBZ30P100FTC

Mark	No.	Description	GM-6200F/XU/ES	GM-6300F/XU/ES
*	4	Badge	CAH1946	YAH5033
	6	Case	CNB3199	YNB5019
	7	Panel	CNB3204	YNB5029
	8	Panel	CNB3208	YNB5024
	9	Heat Sink	CNR1833	YNR5036
	11	Lighting Conductor	CNV8692	YNV5091
	12	Amp Unit	CWH1289	YWH5019
	17	Sub Heat Sink	CNR1809	YNR5054
	18	Sub Heat Sink	CNR1811	YNR5055
	24	Terminal (CN601)	CKE1055	YKE5008
	31	Cover	Not used	YNR5045
	32	Screw	Not used	IBZ30P100FTC

Mark	No.	Description	GM-6200F/XU/CN	GM-6300F/XU/CN5
*	4	Badge	CAH1946	YAH5033
	6	Case	CNB3199	YNB5019
	7	Panel	CNB3204	YNB5029
	8	Panel	CNB3208	YNB5024
	9	Heat Sink	CNR1833	YNR5036
	11	Lighting Conductor	CNV8692	YNV5091
	12	Amp Unit	CWH1289	YWH5019
	17	Sub Heat Sink	CNR1809	YNR5054
	18	Sub Heat Sink	CNR1811	YNR5055
	24	Terminal (CN601)	CKE1055	YKE5008
	31	Cover	Not used	YNR5045
	32	Screw	Not used	IBZ30P100FTC



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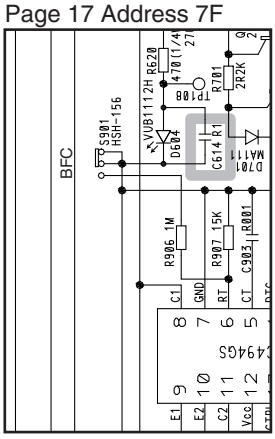
ELECTRICAL PARTS LIST(Page 22)

AMP UNIT

Circuit Symbol and No.	Part Name	GM-6200F/XU/UC GM-6200F/XU/EW GM-6200F/XU/ES GM-6200F/XU/CN	GM-6300F/XU/UC GM-6300F/XU/EW5 GM-6300F/XU/ES GM-6300F/XU/CN5
Q604	Transistor	DTA124EU	DTA124EUA
Q701	Transistor	DTA114EU	DTA114EUA
Q702	Transistor	DTC114TU	DTC114TUA
Q704	Transistor	DTC114TU	DTC114TUA
D604	LED	FR1112H	VUB1112H-4B63B
L901	Choke Coil 50 µH	CTH1323	CTH1341
R619		RD1/4PU271J	RD1/4PU331J
R620		RD1/4PU471J	RD1/4PU331J
C614		Not used	CKSQYB104K50

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