Pioneer

Service Manual

ORDER NO.
CRT4726

CD RDS RECEIVER

DEH-140UB/XSUC
DEH-145UB/XSES





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
DEH-2200UB/XSEW5	CRT4455		
CX-3269	CRT4488	S11iPod/USB	CD Mech. Module : Circuit Descriptions, Mech. Descriptions, Disassembly

PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
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ⓒ**PIONEER CORPORATION 2011**

K-ZZZ JULY 2011 Printed in Japan

SAFETY INFORMATION

WARNING

This product may contain a chemical known to the State of California to cause cancer, or birth defects or other reproductive harm.
Health & Safety Code Section 25249.6 - Proposition 65

EXPLODED VIEWS AND PARTS LIST

PACKING(Page 36)

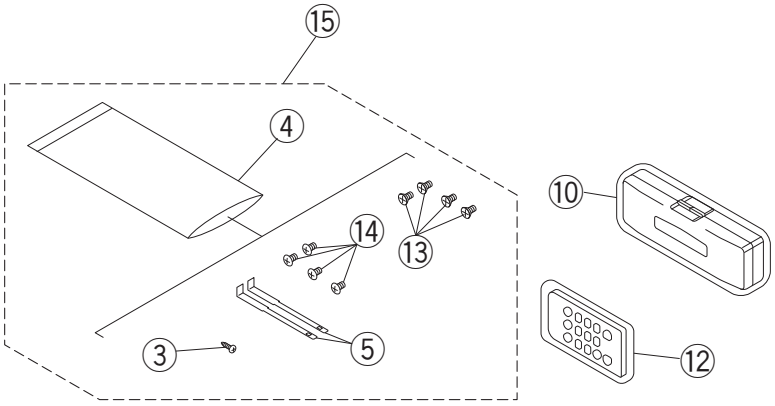
PACKING SECTION PARTS LIST

* : Non spare part

Mark	No.	Description	DEH-2200UB/XSEW5	DEH-140UB/XSUC	DEH-145UB/XSES
	1	Polyethylene Bag	QEG3001	CEG1173	QEG3001
	2	Cord Assy	YDP5037	QDP3013	QDP3013
	3	Screw	BPZ20P060FTC	BPZ20P060FTC	Not used
	6	Unit Box	YHG5540	CHG7677	CHG7669
	7	Contain Box	YHL5540	CHL7677	CHL7669
	8	Protector	YHP5069	YHP5071	YHP5069
	9	Protector	YHP5070	YHP5072	YHP5070
	10	Case Assy	QXA3129	Not used	QXA3129
*	11-1	Warranty Card	CRY1279	QRY3001	QRY3001
	11-2	Operation Manual	YRD5303	CRD4594	CRD4595
	11-3	Installation Manual	YRD5304	Not used	Not used
	12	Card Type RC Unit	Not used	QXE1047	QXE1047
	13	Screw	Not used	CRZ50P090FTC	CRZ50P090FTC
	14	Screw	Not used	TRZ50P080FTC	TRZ50P080FTC
*	15	Accessory Assy	YEA5083	YEA5071	YEA5084

Operation Manual

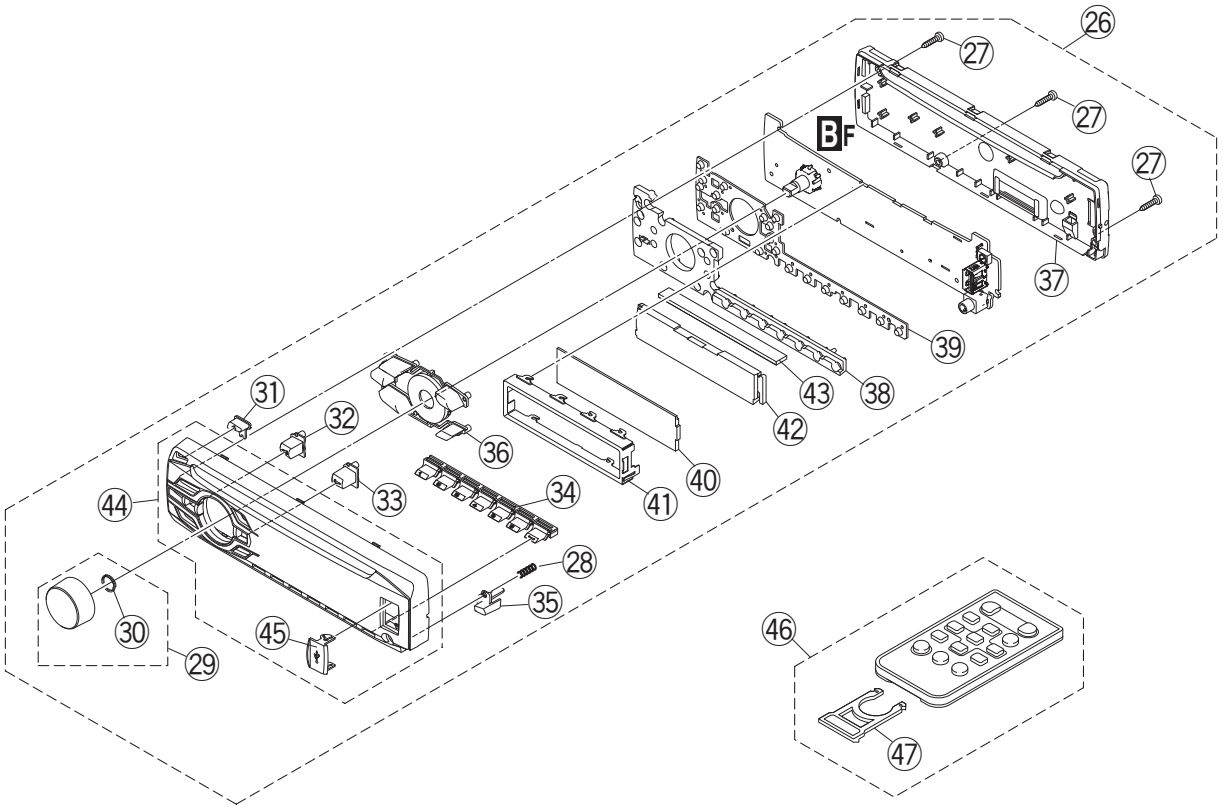
Part No.	Language
CRD4594	English, French, Spanish(Espanol)
CRD4595	English, Spanish(Espanol), Portuguese(B), Arabic, Persian



EXTERIOR(1)(Page 38)

EXTERIOR(1) SECTION PARTS LIST

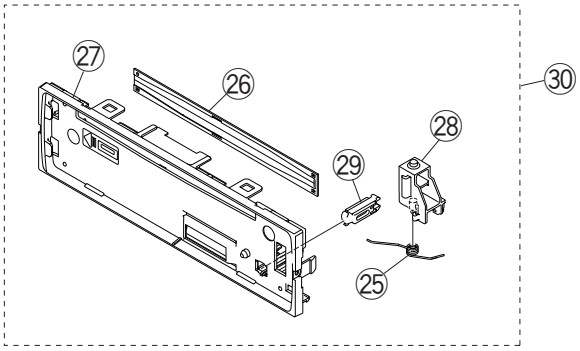
Mark	No.	Description	DEH-2200UB/XSEW5	DEH-140UB/XSUC	DEH-145UB/XSES
	2	Cord Assy	YDP5037	QDP3013	QDP3013
	4	Panel	YNS5537	QNS3127	QNS3127
	5	Detachable Assy	YXA5676	Not used	Not used
	6	Screw	BPZ20P100FTC	Not used	Not used
	7	Spring	CBH2210	Not used	Not used
	8	Button(DISP,SRC,UP)	YAC5384	Not used	Not used
	9	Button(ESC,DOWN,LEFT)	YAC5385	Not used	Not used
	10	Button(1,RIGHT,4,5)	YAC5386	Not used	Not used
	11	Button(2,3,6,LIST)	YAC5387	Not used	Not used
	12	Button(EJECT,TA/AF)	YAC5388	Not used	Not used
	13	Button(DETACH)	YAC5389	Not used	Not used
	14	Cover	YNS5536	Not used	Not used
	15	Grip	YNV5194	Not used	Not used
	16	LCD(LCD1801)	CAW1970	Not used	Not used
	17	Holder	YNC5083	Not used	Not used
	18	Rubber Contact	YNV5191	Not used	Not used
	19	Connector	YNV5192	Not used	Not used
	20	Lighting Conductor	YNV5193	Not used	Not used
	21	Grille Unit	YXA5648	Not used	Not used
	22	Knob Unit	YXC5123	Not used	Not used
	23	Spring	YBL5010	Not used	Not used
	26	Detach Grille Assy	Not used	CXE5033	CXE5034
	27	Screw	Not used	BPZ20P100FTC	BPZ20P100FTC
	28	Spring	Not used	CBH2210	CBH2210
	29	Knob Unit	Not used	CXE3692	CXE3692
	30	Spring	Not used	YBL5010	YBL5010
	31	Button(EJECT)	Not used	QAC3066	QAC3066
	32	Button(LEFT)	Not used	QAC3068	QAC3068
	33	Button(RIGHT)	Not used	QAC3069	QAC3069
	34	Button(1-6,-)	Not used	QAC3070	QAC3070
	35	Button(DETACH)	Not used	QAC3071	QAC3071
	36	Button (LIST,SRC,EQ,RETURN,BAND)	Not used	QAC3072	QAC3072
	37	Cover	Not used	QNS3226	QNS3226
	38	Lighting Conductor	Not used	QNV3038	QNV3038
	39	Contact Rubber	Not used	QNV3041	QNV3041
	40	Segment LCD(V1801)	Not used	CAW2018	CAW2018
	41	Holder	Not used	QNC3031	QNC3031
	42	Lighting Conductor	Not used	QNV3040	QNV3040
	43	Rubber Connector	Not used	QNV3045	QNV3045
	44	Grille Unit	Not used	CXE5047	CXE5049
	45	Door	Not used	CAT2921	CAT2921
	46	Card Type RC Unit	Not used	QXE1047	QXE1047
	47	Cover	Not used	CNS7068	CNS7068


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EXTERIOR(2)(Page 40)

EXTERIOR(2) SECTION PARTS LIST

Mark	No.	Description	DEH-2200UB/XSEW5	DEH-140UB/XSUC	DEH-145UB/XSES
	8	Tuner Amp Unit	YWM5445	CWN6384(Tuner Amp Assy)	CWN6385(Tuner Amp Assy)
	12	FM/AM Tuner Unit	CWE2106	CWE2256	CWE2256
	15	Holder	YND5043	CND6366	CND6365
	17	Chassis Unit	YXA5651	YXA5652	YXA5652
	18	Spring	CBH2961	Not used	Not used
	19	Spring	CBH2962	Not used	Not used
	20	Arm	CNV9312	Not used	Not used
	21	Arm	CNW1439	Not used	Not used
	22	Panel Unit	YXA5650	Not used	Not used
	23	Button	CAC4836	Not used	Not used
	24	Spring	YBH5012	Not used	Not used
	25	Spring	Not used	QBH3001	QBH3001
*	26	Cover	Not used	CNN1665	CNN1665
*	27	Panel	Not used	QNS3180	QNS3180
*	28	Arm	Not used	QNV3025	QNV3025
*	29	Button	Not used	QNV3026	QNV3026
	30	Panel Unit	Not used	CXE5040	CXE5040



ELECTRICAL PARTS LIST(Page 70)

TUNER AMP ASSY

Circuit Symbol and No.	Part Name	DEH-2200UB/XSEW5	DEH-140UB/XSUC	DEH-145UB/XSES
IC201	IC	PML014A	PML014B	PML014B
IC301	IC	PAL007C	PAL007E	PAL007E
IC501	IC	BD9007F	BD9008F	BD9008F
IC601	IC	PN5034B	PNQ002A	PNQ002A
Q351	Transistor	RT3T22M	RN4983	RN4983
Q752	Transistor	RT3T22M	RN4983	RN4983
Q802	Transistor	RT1N141M-11	LTC114EUB	LTC114EUB
Q851	Transistor	2SA1036K	Not used	Not used
D601	Diode	RB551V-30	Not used	RB551V-30
D602	Diode	RB751V-40	Not used	RB751V-40
D851	Diode	MC2848-11	Not used	Not used
L401	Inductor	LCTAW2R2J2520	Not used	LCTAW2R2J2520
L501	Coil	CTH1420	CTH1475	CTH1475
L602	Inductor	Not used	CTF1473	Not used
L604	Chip Coil	LCTAW1R0J2520	Not used	LCTAW1R0J2520
L606	Chip Coil	Not used	LCTAW1R0J2520	Not used
L613	Inductor	Not used	Not used	CTF1379
L621	Chip Ferrite Bead	CTF1399	Not used	CTF1399
L851	Inductor	LCTAW2R2J2520	Not used	Not used
X681	Oscillator 4.7186 MHz	Not used	CSS1796	CSS1796
ANT401	Antenna Jack	CKX1070	YKS5041	YKS5041
CN941	Connector	CKS4124	Not used	CKS4124
R401		Not used	RS1/16SS0R0J	Not used
R605		RS1/16SS0R0J	Not used	RS1/16SS0R0J
R622		RS1/16SS0R0J	RS1/16SS0R0J	Not used
R623		Not used	RS1/16SS0R0J	Not used
R680		Not used	RS1/16SS473J	Not used
R681		RS1/16SS473J	Not used	RS1/16SS473J
R851		RS1/16SS472J	Not used	Not used
R853		RS1/16SS153J	Not used	Not used
R854		RS1/16SS102J	Not used	Not used
R941		RS1/10SR102J	Not used	RS1/10SR102J
R942		RS1/10SR102J	Not used	RS1/10SR102J
C612		CKSRYB105K10	CKSRYB103K50	CKSRYB105K10
C617		Not used	CCSRCH680J50	CCSRCH680J50
C619		Not used	CCSRCH180J50	CCSRCH180J50
C621		Not used	CKSRYB331K50	CKSRYB331K50
C640		CKSSYB104K10	CCSSCH680J50	CCSSCH680J50
C642		Not used	Not used	CCSSCH220J50
C651		CCSRCH270J50	Not used	CCSRCH150J50

Circuit Symbol and No.	Part Name	DEH-2200UB/XSEW5	DEH-140UB/XSUC	DEH-145UB/XSES
C671		CKSSYB122K50	CKSSYB182K50	CKSSYB182K50
C672		CKSSYB122K50	CKSSYB182K50	CKSSYB182K50
C681		Not used	CCSSCH270J50	CCSSCH270J50
C682		Not used	CCSSCH270J50	CCSSCH270J50
C909		Not used	CKSRYB105K10	CKSRYB105K10
C910	4.7 uF	Not used	CCG1201	CCG1201
C911	4.7 uF	CCG1201	Not used	Not used
C918		CKSRYB104K16	Not used	CKSRYB104K16
C919		CCSRCH680J50	Not used	CCSRCH680J50
C941		CKSRYB103K50	Not used	CKSRYB103K50
C942		CKSRYB103K50	Not used	CKSRYB103K50
C953		Not used	CCSRCH680J50	CCSRCH680J50

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

SERVICE UNIT

Circuit Symbol and No.	Part Name	DEH-2200UB/XSEW5	DEH-140UB/XSUC DEH-145UB/XSES
IC691		PDH143A	Not used
R691		RS1/10SR103J	Not used
R692		RS1/10SR103J	Not used