

General Information

TV/VCR Combination
Chassis: VP-1

Matrix

Item	See Model	Book
Mech Adjustments	VC-H88	Video 4
Mech Alignment	VC-H88	Video 4
Deck Parts View	VC-H88	Video 4

Recommended Safety Parts

Item	Part No.	Description	Code
V801	VB370BVBK1U-S	CRT, 37cm (14")	BX
L799	RCiLG0031PEZZ	Degaussing Coil	AN
IC702	RH-FX0012CEZZ	PC113, Photo Coupler	AF
T602	RTRNF0096PEZZ	Flyback Trans,(FBT)	BE
T701	RTRNZ0059PEZZ	Regulator Trans.	AX
C722	RC-KZ0128CEZZ	2200p 4kV Ceramic	AD
R356	VRG-RF2EB560J	56 1/4W Fuse Resistor	AB
R501	VRG-RL2HB3R3J	3.3 1/2W Fuse Resistor	AB
R522	RR-XZ0035TAZZ	22 1/4W Fuse Resistor	AB
R601	VRG-RL2HB5R6J	5.6 1/2W Fuse Resistor	AB
R609	VRG-RL2HB220J	22 1/2W Fuse Resistor	AB
R611	VRG-RF2EB3R3J	3.3 1/4W Fuse Resistor	AB
R614	VRG-RL2HB181J	180 1/2W Fuse Resistor	AB
R712	VRG-RL2HB3R9J	3.9 1/2W Fuse Resistor	AD
R720	VRC-UA2HG825K	8.2M 1/2W Solid	AA
R721	VRC-UA2HG825K	8.2M 1/2W Solid	AA
R760	VRG-RF2EB221J	220 1/4W Fuse Resistor	AB
R761	VRG-RL2HB1R0K	1/2W Fuse Resistor	AB
R1105	VRG-RL2 HB100J	10 1/2W Fuse Resistor	AB
S701	QSW-P0566CEZZ	Main Power Switch	AL
F701	QFS-C2026CEZZ	Fuse, T2AH, 250V	AE
C854	RC-KZ0177CEZZ	4700p 2kV Ceramic	AC
	or		
SC851	RC-KZ0023CEZZ	4700p 2kV Ceramic	AD
S3001	QSOVC0829CEZZ	CRT Socket	AK
L1701	QSW-K0114CEZZ	Power Switch	AE
C1702	RCiLF0105CEZZ	Coil Line Filter	AP
S1401	RC-FZ016SGEZZ	047 AC250V M.Polyester	AK
SC1401	QSW-B0015CEZZ	Service Switch	AC
R9903	QSOCZ2101CEZZ	Socket, 21-pin	AH
	VRG-RC2EB3R3J	3.3 1/4W Fuse Resistor	AB
	or		
9	VRG-SC2EB3R3J	3.3 1/4W Fuse Resistor	AB
23	QACCB5002PEZZ	AC Cord	AX
	RCiLG0031PEZZ	Degaussing Coil, (L799)	AN

Mechanical Parts List

Item	Part No.	Description	Code
1-7	Not Used		
8	MSPRC0144AJFJ V	Azimuth Spring	AB
	or		
	MSPRC0144GEFJ		AB
9	RHEDU0070AJZZ	Audio/Control Head Assy	AX
	or		
	RHEDU0070GEZZ		AS
10	Not Used		
11	QPWBF3777AJZZ	Audio/Control Head PWB	AD
	or		
	QPWBF3777GEZZ		AB
12	MLEVF0292AJZZ	Audio/Control Head Arm	AH
	or		
	MLEVF0292GEZZ		AD
13	MSPRD0087AJFJ	Audio/Control Head Arm Spring	AC
	or		
	MSPRD0087GEFJ		AA
14	LHLDZ1606AJZZ	Loading Block Holder Assy	AG
	or		
	LHLDZ1606GEZZ		AC
15	QPWBF3842GEZZ	Loading Block PWB	AD
16	RMOTM1049GEZZ	Loading Motor	AM
17	QLPGN0880GEZZ	Plug, 8-pin(MG)	AC
18	QSW-R0034GEZZ	Cam Switch	AF
19	NGERW1032AJZZ	Worm Wheel	AD
	or		
	NGERW1032GEZZ		AC
20	NPLYV0133AJZZ	Loading Motor Pulley	AD
	or		
	NPLYV0133GEZZ		AC
21	NBLTK0058AJ00	Loading Belt	AC
	or		

Mechanical Parts List Cont'd

Item	Part No.	Description	Code
22	NBLTK0058GEOO		AA
	NGERW1031AJZZ	WormAssy	AE
	or		
23	NGERW1031GEZZ		AC
	NSFTG0045AJFJ	Worm Shaft	AD
	or		
	NSFTG0045GEFJ		AB
24	NGERH1196GEZZ	Master Cam	AC
25	MLEVF0281GEZZ	Pinch Roller Lever Ass'y	AN
26	MLEVF0348AJZZ	Relay Shifter Lever	AH
	or		
	MLEVF0348GEZZ		AD
27	MLEVC0033GEZZ	Reverse Guide	AG
28	MSPRD0086AJFJ	Reverse Guide Spring	AB
	or		
	MSPRD0086GEFJ		AA
29	RMOTN2047GEZZ	Capstan D.D. Motor	BE
30	MLEVP01 36GEZZ	Slow Brake Lever	AA
31	MSPRT0329GEFJ	Slow Brake Spring	AA
32	MSPRC0151AJFJ	Reverse Guide Spring	AB
	or		
	MSPRC01S1GEFJ		AA
33	MLEVF0379AJZZ	Relay Gear Drive Lever	AG
	or		
	MLEVF0379GEZZ		AD
34	MSLiF0043GEZZ	Brake Shifter	AK
35	NSFTZ0068GEFD	Brake Lock Shaft	AC
36	MSPRC0143GEFJ	Absorber Plate Spring	AB
37	MSPRT0274GEFJ	Video Search Spring	AB
38	MLEVP0244GEZZ	Video Search Brake Lever	AB
39	MLEVP0131GEZZ	Video Search	AC
		Reciprocating Lever	
40	RPLU-0083GEZZ	Brake Solenoid Assy	AF
41	NDaiV1060GEZZ	Take-Up Reel Disk Assy	AH
42	NGERH1128GEZZ	Idler Gear Assy	AN
43	NPLYV0134GEZZ	Reel Pulley	AC
44	MSPRD0085GEFJ	Shifter Spring	AB
45	PCOVF01018GEZZ	Shifter Spring Cover	AC
46	LHLDP1092GEZZ	Cassette LED Holder	AE
47	RH-PX0180GEZZ	Cassette LED	AD
48	QPWBF2977GEZZ	Reel Sensor PWB	AK
49	RH-PX0185GEZZ	Reel Sensor	AE
50	LCHSS001 6GEZZ	Reel Block Chassis	AL
51	MLEVP01 34GEZZ	Tension Adjusting Lever	AC
52	MLEVP0194GEZZ	Tension Release Lever	AB
53	MLEVP01 32GEZZ	Back Tension Lever	AC
54	MSPRT0360GEFJ	Back Tension lever spring	AA
55	NDaiV1062GEZZ	Supply Reel Disk Assy	AH
56	MSPRT0336GEFJ	Main Brake Spring	AB
57	MLEVP0135GEZZ	Intermediate Lever	AC
58	MLEVP0206GEZZ	Main Take-Up Brake Lever	AC
59	MLEVP0205GEZZ	Main Supply Brake Lever	AL
60	NGERH1121GEZZ	Loading Relay Gear	AA
61	MSPRT0271AJFJ	Loading Reciprocating Spring	AC
	or		
	MSPRT0271GEFJ		AA
62	NGERH1120GEZZ	Take-Up Loading Gear	AA
63	MLEVF0304AJZZ	Take-Up Loading Arm Assy	AG
	or		
	MLEVF0304GEZZ		AC
64	NGERH1119GEZZ	Supply Loading Gear	AA
65	MLEVF0303AJZZ	Supply Loading	AG
	or	Arm Assy	
	MLEVF0303GEZZ		AC
66	LCHSM0142AJZZ	Main Chassis Assy	AY
	or		
	LCHSM0142GEZZ		AU
67	LBNDK1002GEZZ	Tension Band Assy	A
68	LHLDZ1607GEZZ	Tension SpringHook Plate	AA
69	MSPRT027SAJFJ	Tension Spring	AC
	or		
	MSPRT0275GEFJ		AA
70	MLEVF0291AJZZ	Tension Arm Ass'y	AK
	or		
	MLEVF0291GEZZ		AF
	Not Used		
71	MSLiF0049GEFW	Take-Up Pole Base Slider	AB
72	LPOLM0037GEZZ	Take-Up Pole Base Assy	AG
73	NROLP0104GEZZ	Guide Roller Assy	AE
74	MSLiF0048GEFW	Supply Pole Base Slider	AB
75	LPOLM0036GEZZ	Supply Pole Base Assy	AG
76	PGiDM0066GEZZ	Take-Up Loading Rail	AB
77	PGiDM0067GEZZ	Supply Loading Rail	AB
78	NSFTL0563GEFW	Supply Impedance Roller Inner	AC
79	PGiDH0031GEFW	Supply Impedance Roller Flange	AA
80	NROLP0084GEZZ	Supply Impedance Roller	AC
81	RHEDT0031AJZZ	Full Erase Head Assy	AX
82			
	RHEDT0031GEZZ		AH
	Not Used		
83	LANGA0054GEZZ	Supply Reel Retainer Assy	AD
84	NBLTK0059AJ00	Reel Belt	AD
85			
	or		
	NBLTK0059GE00		AB
86	Not Used		
87	Not Used		
88	Not Used		
89	DDRMU0002TEX4	Upper Drum Ass'y	—
	or		
	DDRMU0002HE39		BB
90	PGiDC0044GEFW	Drum Base	AK
91	DDRML0012HE01	Lower Drum Ass'y	BB
92	QBRSK0025GEZZ	Earth Brush Ass'y	AD
93	RMOTP1107GEZZ	Drum D.D.Motor Ass'y	AW

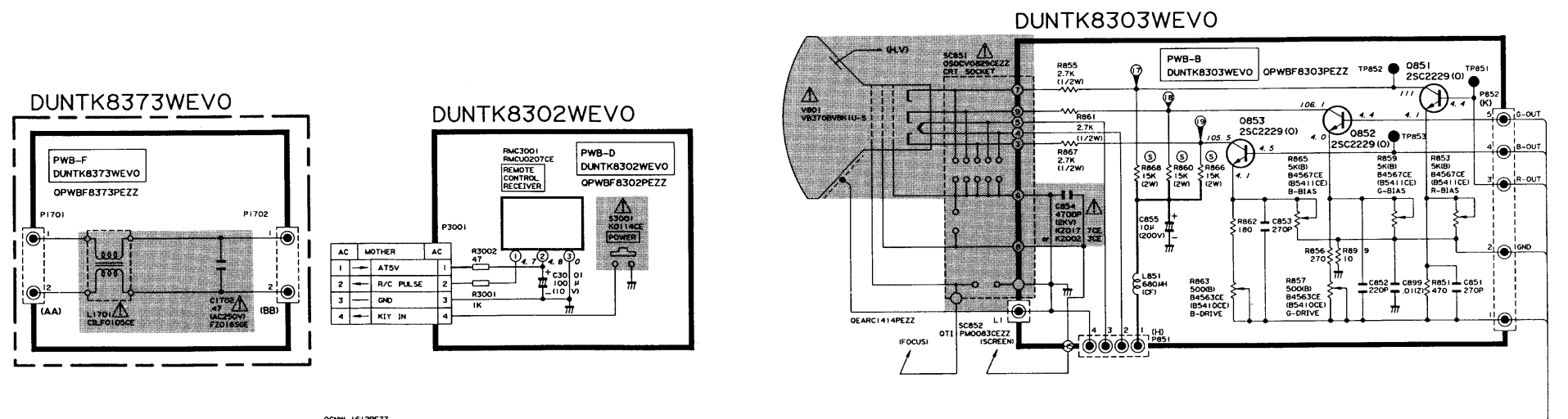
Mechanical Parts List Cont'd

Item	Part No.	Description	Code
94	Not Used		
95	Not Used		
96	Not Used		
97	QCNW-0138AJZZ	Full Flat Cable	AR
98	QCNW-0139AJZZ	Full Flat Cable	AF
99	RDTCH0018GEZZ	Dew Sensor	AG
100	QSOCN0534REZZ	Socket, Spin (MF)	AC
101	VRS-TW2ED221J	220 1/4W Oxide Film (R8011, R8013)	AA
102	VCKYTV1HB102K	0.001 50VCeramic (C8002)	AA
103	VRS-TV1JD473J	47k1/16WOxideFilm (R8012)	AA
104	Not Used		
105	LANGA0051GEEW	Take-Up Reel Disk Catch Holder	AB
106	PGiDS0027GEZZ	Supply Impedance Roller Flange L	AA
107	Not Used		
108	Not Used		
109	Not Used		
110	LHLDW1033CE00	Wire Holder	AA
111	LPOLP0003GEZZ	Release Pin Bracket Ass'y	AA
112-119	Not Used		
120	CCHSS0032AJ01	Reel Block Ass'y	—
	or		
	CCHSS0032GE01		AY
121-124	Not Used		
125	QLPGLN0378GEZZ	Plug,3 pin(MR)	AB
126	QLPGLN0578GEZZ	Plug,5 pin(MH)	AB
127	Not Used		
128	CLEVP0208GE00	AHC Lever Ass'y	AE
129	CLEVP0209GE01	AHC Roller Assy	AG
130	RC-KZ0019GEZZ	0.1 25V Ceramic (C8009)	AA
131-134	Not Used		
135	9455EE0193721A	Drum IC	AU
136	9455EE0193731A	Capstan IC	AU
137	PSPA0315GEZZ	Inertia Moment Plate	AB
138	Not Used		
139	Not Used		
140	MSPRT0327GEFJ	Tension Release Lever Spring	AA
141	MSPRT0359GEFJ	VS-R Auxiliary Brake Spring	AA
	CHLDX3053TEV0	V Cassette Housing Control Assembly	BD
	or		
	CHLDX3053GE53		
301	PGiDM0069AJ00	Down Guide	AD
	or		
	PGiDM0069GE00		AC
302	QSW-F0034GEZZ	Cassette Erase Protection Switch	AC
303	LHLDX1014AJ00	Cassette Housing Frame (Right)	AM
	or		
	LHLDX1014GE00		AM
304	MARMP0052GE00	Cassette Open Lever	AB
306	NGERW1036GEZZ	Phase Gear	AA
308	MSPRD0088AJFJ	DriveGearSpring (Right)	AA
	or		
	MSPRD0088GEFJ		AA
309	NGERW1034GEZZ	Drive Gear (Right)	AB
310	MSPRT0277AJFJ	Reciprocating Spring	AB
	or		
	MSPRT0277GEFJ		AA
311	NGERW1033GEZZ	Worm Wheel Gear	AB
312	LANGF9355AJFW	Worm Bracket	AC
	or		
	LANGF9355SGEFW		AB
313	NBRGP0013GEZZ	Bearing	AA
314	MLEVP0142GEZZ	Open Lever	AA
315	MSPRD0091AJFJ	Open Lever Spring	AA
	or		
	MSPRD0091GEFJ		AA
316	MLEVP0141GEZZ	Switching Lever	AA
317	MSPRT0280AJFJ	Switching Lever Spring	AA
	or		
	MSPRT0280GEFJ		AA
318	NSFTD0016GEFD	Worm Shaft Assy	AC
319	MLEVP0140GEZZ	Clutch Lock Lever	AA
320	MSPRT0279AJFJ	Clutch Lock LeverSpring	AA
	or		
	MSPRT0279GEFJ		AA
321	MLEVP0139GEZZ	Clutch Release Lever	AA
322	MSPRD0092AJFJ	Clutch Release Lever Spring	AA
	or		
	MSPRD0092GEFJ		AA
323	MLEVP0138GEZZ	Clutch Lever	AA
324	NPLYV0135GEZZ	Pulley	AA
325	NBLTK0060AJ00-	Cassette Loading Belt	AB
	or		
	NBLTK0060GE00		AB
326	LANGF9354AJFW	Upper Plate	AG
	or		
	LANGF9354GEFW		AD
327	LHLDX1 013GE0	Slider Holder (L)	AB
328	MSPRP0115GEFJ	Cassette Spring	AB
330	MSPRT0281AJFJ	Slider Lock Spring	AA
	or		
	MSPRT0281GEFJ		AA
331	MSLiF0044AJFW	Slider	AM
	or		
	MSLiF0044GEFW		AF
332	MARMP0039GEZZ	Lock Release Lever	AA
333	QSW-F0037GEZZ	REC Switch	AD
334	MLEVP0143GEZZ	Slider Lock Cover	AA
335	LANGF93S6GEFW	Slider Lock (R)	AA
336	LHLDX1012GE00	Slider Holder (R)	AB
337	NGERW1035GEZZ	Drive Gear (L)	AB
338	MSPRD0089AJFJ	Drive Gear Spring(L)	AA
	or		
	MSPRD0089GEFJ		AA
339	LHLDX101 SAJ00	Cassette Housing Frame (Left)	AL

Mechanical Parts List Cont'd

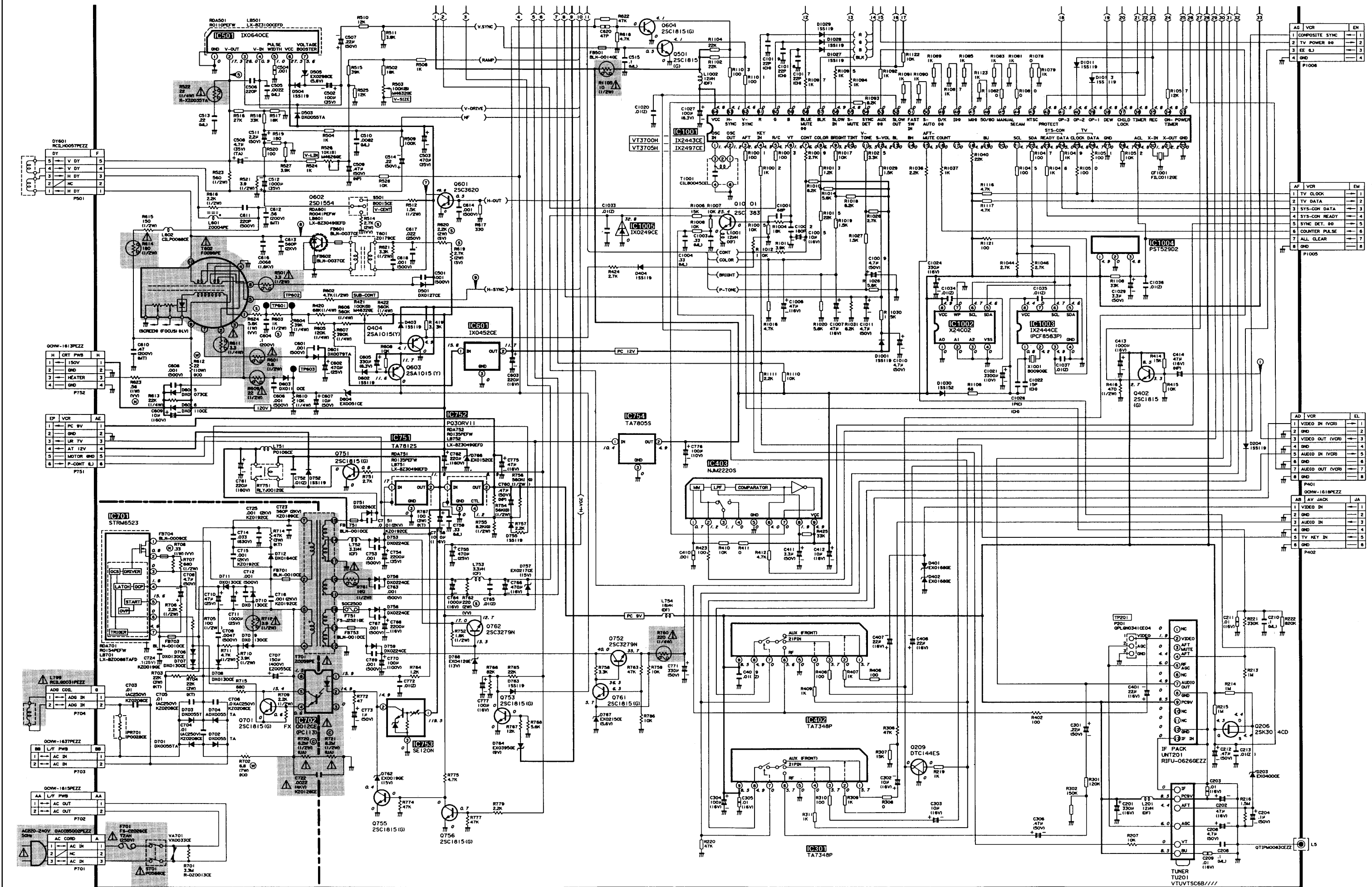
Item	Part No.	Description	Code
	or LHLDX1015GE00		AC
340	NSFTD001SGEFD	Main Shaft	AD
341	QPWBF2894AJZZ	End Sensor PWB	AC
	or QPWBF2894GEZZJ		AB
342	RH-PX0176GEZZ	Phototransistor (Q8005, 8006)	AE
343	QPWBF3194AJZZ	Start Sensor PWB	AD
	or QPWBF3194GEZZ		AC
344	QSW-F0040GEZZ	Cassette Control Switch	AD
345	ZTAPEZ790008E	Rubber Mat	AA
347	QSOCN0595GEZZ	Socket, Spin (MA)	AB
348	VSDTC124ELT-1	Transistor (Q8007)	AA
349	VS2SA1561Q/1E	Transistor (Q8001, 8002)	AC
350	VRD-RA2BE153J	15k 1/8W Carbon (R8004, 8006)	AA
351	VRD-RA2BE223J	22k 1/8W Carbon (R8005, 8007, 8008)	AA
352	VRD-RA2BE103J	10k 1/8W Carbon (R8001)	AA
353	VRD-RA2BE472J	4.7k 1/8W Carbon (R8002)	AA
354	VRD-RA2BE332J	3.3k 1/8W Carbon (R8003)	AA
355	RC-KZ0028GEZZ	0.047 16V Ceramic (C8001 8005)	AC
356	QCNW-4789AJZZ	Connecting Cord	AA
	or QCNW-4789GEZZ		AF
357	QCNW-5421AJZZ	Connecting Cord	AC
	or QCNW-5421GEZZ		AK
401	LX-WZ1020GE00	Cut Washer (4.2W-6.0-0.5)	AA
402	LX-HZ3046GEFD	Screw (B Tight BTN3P+6S)	AA
403	NPLYV0137GEZZ	Coupling	AA
404	NPLYV0136GEZZ	Clutch	AA
405	NGERW1037GEZZ	Worm	AA
406	VCKYD41CY103N	0.01 16V Ceramic (C8006)	AA

AV, CRT. Front & Mains Filter PCB Diagram





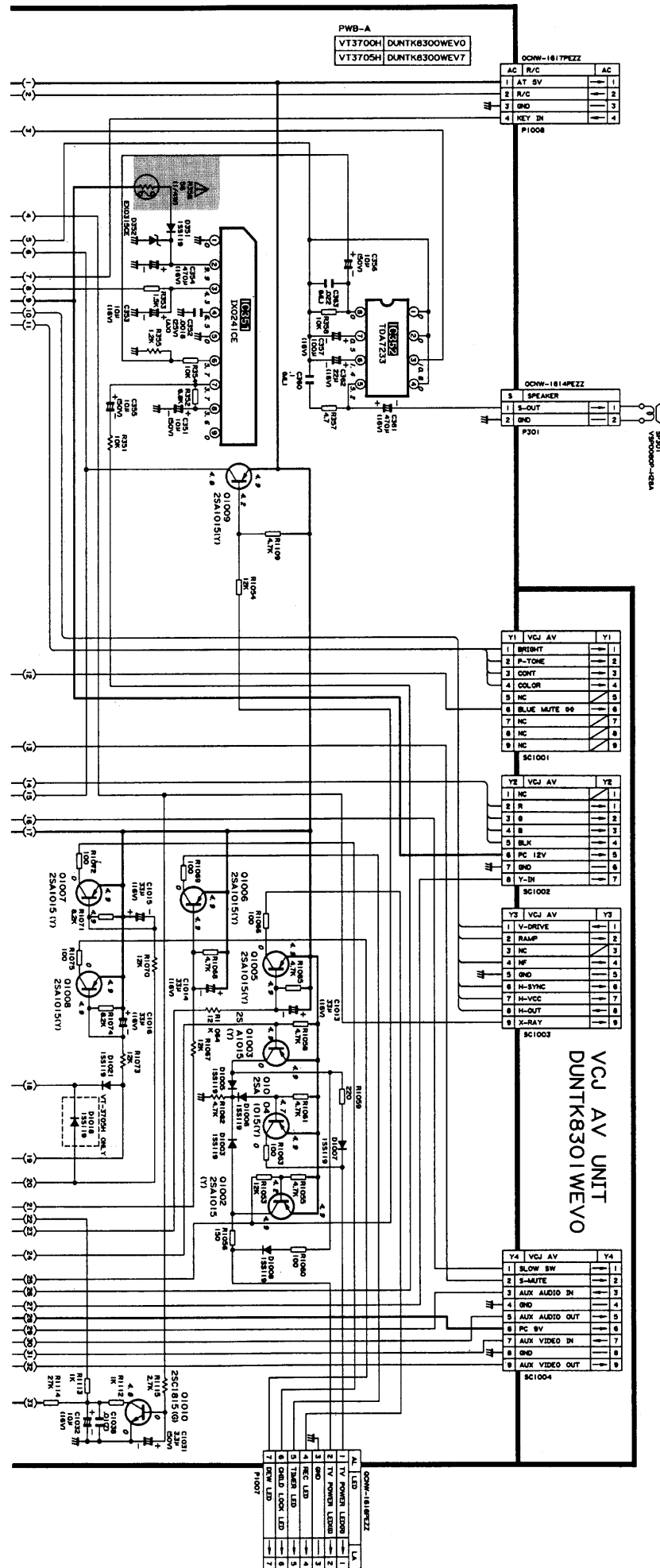
Mother Unit 1 Diagram



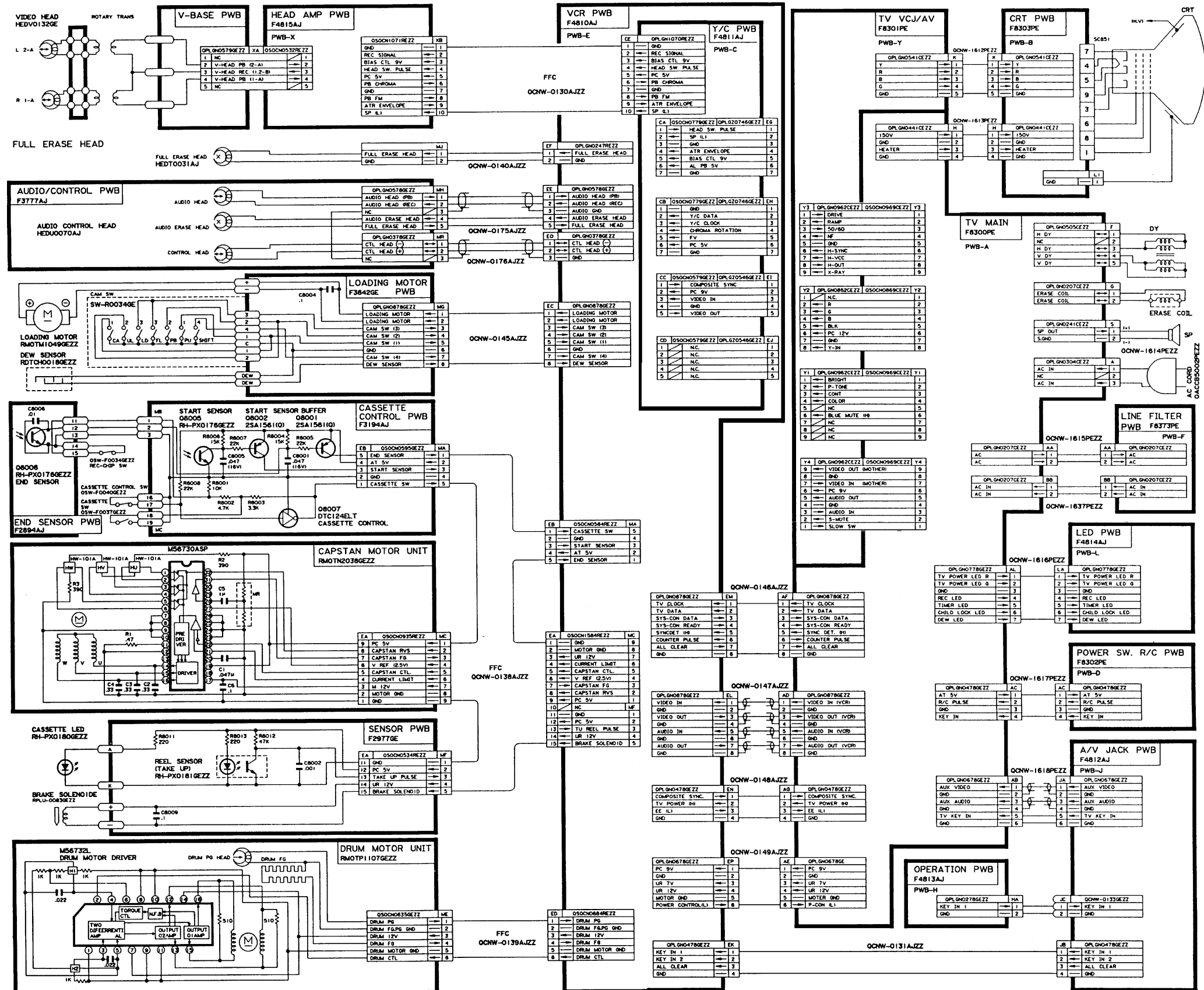
Safety Parts / Mechanical Parts List / Mechanical Parts List Cont'd / AV, CRT Front & Mains Filter PCB Diagram / Front PCB's Diagram

Remote Handset / Head Amp Diagram / IF Pack Diagram / Main Diagram VCR / Mother Unit 1 & Unit 2 / Wiring Diagram

Mother Unit 2 Diagram



Wiring Diagram



Y/C PCB
Diagram
(VCR)