

CROSS REFERENCE CHART  
 (may not be exact in some cases)

QUASAR	PANASONIC	SYLVANIA	PHILCO	MAGNAVOX	PENNEY	RCA	G.E.	CURTIS MATHIS
VH5000	PV1000							
VH5010	PV1100	VC2500	V1100	VJ8220	6865001	VCT201 VCT310	IVCR2000	
VH5011	PV1270	VC2210	V1011	VR8315	6865012	VFT190 VFT193		
VH5015	PV1210	VC2200	V1010	VR8310	6865011	VCT201 VET180		
VH5020	PV1200	VC2700		VI300	6865006	VDT501		
VH5021	PV1275	VC2212	V1012	VR8316		VGT200 VGT203		
VH5022	PV1265	VC2215	V1001	VR8366	6865021	VGT205 VGT207		
VH5030	PV1300	VC2900	V1440	VR8320		VET250 VET253		
VH5031 VH5032	PV1220	VC2225	V1002	VR8400	6865030			JV729
VH5040	PV1400	VC3100	V1550	VR8330	6865010	VET450		
VH5041 /2/3	PV1222 /25/30	VC2330	V10036	VR8405	6866050 6865060		IVR5002	
VH5100	PV1500	VC2400		VJ8225	6865003 6865000	VBT200 VCT400		
VH5110	PV1275							
VH5846					5865667	VLT450	IVCR5011	

SYLVAINA	PHILCO	MAGNAVOX	PENNEY	HITACHI	GOLDSTAR	SEARS	FISHER	SANYO	PILOT
VC3100	V1550	VR8330	6865010	VT500A			564.530 72450	FVH710	
								FVH6200	VHR9100
							564.532 82550	FVH905	
							564.534 00450	FVH720 FVH730	
							564.533 62550	FVH839	
					GHV1233				VCR905
PENNEY	GOLDSTAR	SYMPHONIC	TEACO	ELMO	QUASAR	PANASONIC	WARDS	SHARP	
6866050	GHV 1250M	5200	MV-350						
				ER-10	VH5655	PV1540			
							GEN 10528	VC481	
							JSJ 10613	VCA607U	
							JSJ 10677	VC6846	
							JSJ 10660A	VC582 VC583	
MINOLTA	RCA	HITACHI	SEARS						
MV1205	VMT390	VHR2250	934.534 51750						
u7705	VKP900								

(Revised 1/91)

PENNEY	RCA	SEARS	HITACHI	SAMSUNG	GOLDSTAR	SYMPHONIC	FUNAI	MAGNIN	SANYO
	VJT250	934.531 30250							
	VPT200			VR2160				MVR9500	
				VR250 VR2640		SVG400	FLC 1100Z		
	VMT400 close	934.535	VT1450A						
6855008	VG650								
		564.538 1050/51							VCR340
	VMT385	934.535 10650	VT1310						
	VLT385		VT-71A						
	VLT375	934.533 03550							
	VPT595	934.532 93750							
	VPT260		VT3000A						
6865065									
6866072	VMT385	934.532 86550							
	VPT630 HF	934.532 93750							
	VPT595	934.532 9370							

QUASAR	PANASONIC	SYLVANIA	PHILCO	MAGNAVOX	PENNEY	RCA	G. E
VH5125	PV1280 PV1310	VC2950	V1330	VR8316	6865016 6865020	VGT225	
VH5150	PV1200 PV1600	VC3000	V1500	VR8227	6865006 6865007	VDT600	
VH5145	PV1213 PV1331	VC2970		VR8416 VR8418			IVR5010
VH5155	PV1650			VR8229		VBT600 VDT625	
VH5157	PV1334	VC2234	V1320	VR8510/ 20/25 VR825 VR9510	6865071		IVCR6004 ICR6010
VH5160	PV1470	VC3110	V1551	VR8335	6865013	VFT450 VFT456	
VH5610	PV1770	VC3610		VR8345		VFT650 VFT654	
VH5210	PV1370	VC2910	V1440	VR8325		VFT250	
VH5623	PV1780	VC3620		VR8346	6865018		
VP5748	PV8000 PV9000	VC4513		VR8554			
VA546	PVA860			VR8446			ICVT645
VP5441	PV5800	VC4527		VR8456			ICD5021
VA541	PVA850	VC4516		VR8463			ICT630
VH5041	PVI220	VC2230	V1003T	VR8405			IVR5002
VP5410	PV4000			VR8355			ICD2021
VH5251		VC2975	V1670	VR8530			

QUASAR	PANASONIC	SYLVANIA	PHILCO	MAGNAVOX	PENNEY	RCA	G.E.	CURTIS MATHIS	WARDS
VH5156	PV1340 PV1342								
VH5435	PV6000 FVG110			VR8490	6865042				
VH5162					6866570				
VP5430	PV5400 PVA540		V1727	VR8356	6865041		ICVP4022 4021 CVT620		
VA535				VR8367					
VH5270		VC8922/ 36/42							
VH5210	PV1370	VC2910	V1441	VR8325		VFT250			GEN 10523
VH5270		VC8922							
		VC3620		VR8346					
		VC2975	V1561	VR8530					
	PV4800	VC4020 VC4040	VT3040	VR9740 VR9730					
			V1004 TSL01		6866071 6866073				
VH5165								MV730	
VH5358								AV750	
<b>KENWOOD</b>	<b>JVC</b>	<b>WARDS</b>	<b>SHARP</b>						
KV901	7300	JSJ 10659	VC582 VC583						

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
✓Emerson	VC754	Stops in middle of tape	IC 2001	OEC900
Emerson	VCT120	No D.C. operation	D420	DS442X
Emerson	VCR755	No eject	IC2001	OEC900
Fisher	FVH6300	Tuner will not work	Tuner IF unit	621-00 75338
Fisher	FVH6300	Tuner channel will not lock in	IC701	LC-653 3726
Fisher	FVH4000	No video on P.B. or tuner	C2093	1000uf 6.3v
Fisher	FVH6300	Intermittent display	Resolder IC501 pins 1-12	
Fisher	FVH960	No audio EE or VV	C420	BA6219
Fisher	FVH6600	No video in SLP mode - SP OK	IC301(pin 46 not going high)	LC6650 3762
Fisher	FVH7400	Intermittent operation	Resolder IC301	uPD755 064
Fisher	FVH7400	Clock display erratic	D7120 ZDGZS240	407-05 5303
Fisher	FVH7400	Will not record luma	Q1009 25C536F	407-00 9904
Fisher	FVH7615	Picture will not sync horizontally	IC102	LA7316
Fisher	FVH7615	Will not P.B. audio	L2801 open	100uh
✓Fisher	FVH7615	Will not load tape	IC303	LB1641
Fisher	FVH7600	Poor detail in pix P.B.	IC103	MSM740
Funai	FLC-1100	No auto rewind	IC501	14DN47
✓Funai	FLC-1100	Dead	Q602	2SB892
Funai	FLC-1100	Display erratic	IC803	MN1280
Funai	FLC-1100	Will not record audio	C217	.47uf5
Funai	FLC-1100	No OSD	IC851	14DN26

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Emerson	VCP663	Will not cue/rev	IC 201	IC668-19
"	VCR872	No video out	D 4202	RD13EB- TA11R
"	VCR874	Will not FF/Rew	L 1501 Latch coil	JTM 1002 01
"	VCR862	Clock will not work	Z 801 DC-DC converter	23107697
"	VCR754	Timer will not work	X 601	100E4R 1906
"	VCS955	Starts to load - stops	IC 1003	BA6239
"	VCS966H	All functions erratic	C 509	50v 47uf
"	VCS966H	Hi-Fi LED stays on	Q 5510	2SC536NP T
"	VCS977A	No stereo on P.B.	IC 6502	UPC1481
"	VCS966A	Will not record color	C 4109 .01 uf 50v	C010F414
"	VCR755	Will not load into V-stoppers	Loading motor	15967800
"	VCR875	Front loading motor dead	MXN - 13AB11A	15969780
Fisher	FVH919	Only display works	IC 504	LB1649
"	FVH909	Push play - Squeals - Shuts down	Loading belt	143-2-75 -00300
"	FVH950	Will not FF - Rew	Complete idler	143-0-42 -00700
"	FVH4050	Push play - shuts off	Mode gear	Align
"	FVH720	Push play - grinding noise	Loading belt	143-2-75 -00500
"	FVH815	Will not play or rewind	Q 502	2SC536AP
"	FVH905	Tape will stop during play occasionally	IC 501	IGLM8854 1912
"	FVH905	Push power on - chattering noise	Loading motor bracket	143-2-34 -13900
"	FVH906	Will not load	Loading motor	4-5254- 00420

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Emerson	VCR 755/ 875/953	No E to E [no audio from tuner]	IC6001	LA7530N
Emerson	"	Will not record audio	IC5001	BA7767AS
Emerson	"	No audio on P.B.	R4209	560ohm
Emerson	"	Audio shakey on P.B.	IC2001	OEC9008
Emerson	"	Poor audio at higher frequencies on P.B.	IC2002	BA10358N
Emerson	"	Cannot set clock	IC601	OEC1010
✓ Emerson	"	OSD does not appear	IC48001	M50455P- 0035P
Emerson	VCR900	Will not load tape	Gear 1 and 2 Part [641D710010] and	641D 71101
Emerson	VCP660	No power	Q511	2SB1015
Emerson	VCP660	Will not play at same speed	RY 1501 - reel motor drive relay	05607222 03
✓ Emerson	VCS995A	Will not play or record	Q2504	TC3T2274 KO
Fisher	FVH920	Distorted chroma on P.B.	IC201 SV7302HN	409-048- 1107
Fisher	FVH720	Will not FF or play	R516	1.8ohm 1w
Fisher	FVH905	Will not input key function	Latch coil	4-2644- 0045
Fisher	FVH905	IC 503 burns	Latch coil	4-2644- 0045
Fisher	FVH905	Loads with no tape insert - shut off	Latch coil	4-2644- 0045
Fisher	FVH6300	Will not shut off	IC 301 LC66508B-3762	410-052- 1908
Fisher	FVH4000	Runs 30 seconds - shuts off	IC 701 HD49714ANT	409-107- 6708
Fisher	FVH530	Will not load into "V" stoppers	R516	1.8ohm 1w
Fisher	FVH4200	No power	IC 901	STK5466S
Fisher	FVH4200	No luma on P.B.	IC 203	SV7307AN



MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Emerson	VCR 755/ 875/953	No power	IC501	STK5342
Emerson	"	No power	IC502	UPC5745
Emerson	"	No display light	Q505	2SD1825
Emerson	"	Power will not turn off	IC601	OEC1010
Emerson	"	Power LED lit, will not play	IC1001	OEC0001
Emerson	"	Clock will not set	IC602	MN1280L
Emerson	"	Will not load tape No 5 volts on pin 13 IC1001	X1001	VEO249A
Emerson	"	Will not load, no motor power	IC1003	BA6247
Emerson	"	Cassett in - no function	IC602, Q602	MN1280L
Emerson	"	No head switching pulse at TP2001	IC2001	OEC9008
Emerson	"	In play mode unit searches	IC1005	LA63935 ESS
Emerson	"	Playback pix is noisy	IC4001	LA7323A
Emerson	"	Playback pix jitters vertically	Adjust post height	Adjust
Emerson	"	Playback pix jitters vertically	PG shifter	Adjust
Emerson	"	Play jitter horizontally	Cylinder motor	UN4001
Emerson	"	Play pix shares	IC2002	BA10358
Emerson	"	Unit will not power up	IC1002	M51954A
Emerson	"	No P.B. video - no F.M. signal TP4202	IC401	LA7320
Emerson	"	Will not record color	IC3001	LA7317
Emerson	"	Will record color but is blurry	IC4002	MSM6964 3RS
Emerson	"	Tuner will not fine tune	IC1004	LA6393S [ESS]

Make	Model	Symptom	Defective Part	Part #
Emerson VCS	VCS966HA	Picture rolls on playback-no vertical sync	IC2003	TD6250UP
Emerson VCS	VCR870A	Will not eject	Q2009	2SB926
Symphonic	5200	Intermittent fast forward-rewind-play	End Sensor	PN1501VV MARMP0028
Wards	GEN10528	Will not load or eject	Release Lever	GEZZ
Sears	934.53303 550	Capstan Intermittent	IC603	M54548L
Wards	GEN10523	Kicks out on playback	Loading Belt	VDV50020
Sears	934.4531350	Tape will not advance	Clutch Plate	RCA Part #157052
Hitachi	VT-TU3A	Will not play	Left End Sensor C.B.A.	RCA Part #156628
Sears	934.53161 450	Eats tapes	Clutch	RCA Part #164089
G.E.	1VCR6011B	Will not power up	IC2002	MN6178VAF 4-2314- 00251
Fisher	FVH805	Push play - power goes off	Mode Select Switch	0-4064-0068
Fisher	FVH920	Will not load	Cassette Load Arm	BX7281
Fisher	FVH919	No audio in one channel	IC401	ECG19
Fisher	FVH810	No picture on playback	Q518	100uf @ 6.3 143-2-4904- 03100
Fisher	FVH920	Picture goes out on playback	C2127	100uf @ 6.3 143-0-4204- 00400
Fisher	VCH4200	Will not load	Cassette Drive Gear	4-1164-0316 143-0-3104- 00503
Fisher	FVH920	No picture on playback	C2017	
Fisher	FVH805A	Tape stops after pushing play	Idler	
Fisher	FVH820	Picture fuzzy through tuner	RF Converter	
Fisher	FVH810	Will not rewind - fast forward	Idler	

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Fisher	FVH4000	Remote does not work	C 1505	403-041-2109
"	FVH904A	Power will not stay on	Tray assembly	143-0-730-08200
Pana-sonic	PV1310	High audio tones are garbled	Heads	VEHS0011
"	PV1400	Intermittent play	Loading belt	VDVS0126
"	PV1560	During play - speed stuck in F.F.	IC 2002	AN3794N
Quasar	VH5254YQ	Sounds like Rew/FF clicking back/forth	IC 2001	MN6178F
"	VH5031W	Intermittent pix on P.B.	IC 8001	AN6366
"	VH5125UW	Pix flags at top on P.B.	IC 2006	M54519P
"	VH5370	Chews up tapes	IC 2602	AN3824K
"	VH5270	No power	D1011	EU2YX
"	VH5270	Will not take tapes	D1010	MA185
"	VH5270	Capstan will not turn on rewind	IC 2602	AN3824K
"	VH5162	Cassette motor will not shut off	IC 6002	AN6622
"	VH5157	Power stays on 1 hour, then goes out	Q 1001	2SD3170
"	VH5157YE	Very poor or no audio	T 4001	VLTS0048
"	VH5846YE	Herring bone Pix From tuner	VHF Block	VEJS0020
"	VH5430WQ	No pix on P.B.	IC 1001	BA6122A
"	VP5435WQ	Dead	Q 1004	2SB835
"	VH5378	Snowy Pix on P.B.	IC 3502	AN3311K
"	VH5675	When turned on, sounds like it's running	R 1010	ERD25FJ
"	VH5675	Wont load	D 1008	100P MA185

Make	Model	Symptom	Defective Part	Part #
Fisher	FVH805	Will not record color	IC203	IPSV7032
Fisher	FVH805	No horizontal sync	IC202	IPSV7031
Fisher	FVH805	Will not playback picture	Q208	TG2SC299
Fisher	FVH805	No color in playback	C2062	CIHCDJ18
Fisher	FVH805	No audio in E.E.	IC401	IYBA5115
Fisher	FVH805	Will not load	IC502	IGLM 8854-576
Fisher	FVH805	Cylinder will not turn	IC702	IHHA1174
Fisher	FVH805	Cannot turn off power	IC151	IGLC 6514B-72
Fisher	FVH810	Power will not come on	Q501	TG25A608
Fisher	FVH810	Stop LED blinks	D585	DYSLR-54
Fisher	FVH810	Will not pause in record mode	IC501	IYBA6334
Fisher	FVH810	Vertical sync unstable	IC703	IHHA1174
Fisher	FVH810	Noise in picture in still mode	Q707	TG2SA608
Fisher	FVH810	Clock is defective	Q1504	TG2SC536
Fisher	FVH810	Will not tune channels	IC152	INMPC136
Fisher	FVH815	Will not record video	L254	4-2534-00
Fisher	FVH815	Picture intermittent in playback	Q214	TG2SD536
Fisher	FVH815	Will not go out of pause	Q513	TG2SA608
Fisher	FVH815	Loads - then unloads	Q521	TG2SC536
Fisher	FVH815	No + 15v	IC901	IGSTK543

Make	Model	Symptom	Defective Part	Part #
Fisher	FVH815	VCR/TV switch will not work	D1549	DYSLR-54
Fisher	FVH820	No E.E. video	Q214	TG2SC536
Fisher	FVH820	No color in playback	L258	4-2534-00
Fisher	FVH820	Wow and flutter in audio; no playback	C425	C1HFRJ39
Fisher	FVH820	Will not record	Q502	TG2SC536
Fisher	FVH820	FL display is defective	Q107	TG2SC536
Fisher	FVH822	Poor audio in playback	VR407	4-2224-00
Fisher	FVH822	No color in playback	Q222	TG2SC536
Fisher	FVH822	No video in E.E. mode	Q230	TG2SC536
Fisher	FVH905	No color in playback	IC204	LA7431

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Fisher	FVH840	No + 5 volts	C911	470uf16v
Fisher	FVH840	No video from tuner in stop mode	Q214	TN2SC945
Fisher	FVH906	Lines in pix	Q230 [12v-on-XSTOR]	ZSB598
Fisher	FVH6300	Unit plays - will not shut down	IC 301 - LC66508B-3762	410-052-1908
Fisher	FVH830	Plays - then ejects	Mode assembly	4-2314-00250
Fisher	FVH4000	No pix on P.B. audio OK	Q222 [buffer]	405-004-4502
GE	IVCR5018X	Intermittent tuner TNV6794G2	Resolder small board inside tuner	
GE	IVCR5010X	Will not eject	IC 6005	M54545L
GE	IVCR5010X	Will not load or unload into basket	D 6021	MA165
Goldstar	GHV1250M	Will not accept remote commands	D653	155133
Goldstar	GHV1280	Pix crushed when changing channels	Add resistor between TV and MB on tuner	330K ohm
Goldstar	GHV1250M	Audio will not mute in timer record	Q725 KN1203	664-0430
Goldstar	GHV1250M	Blurry pix - no sync	IC 302	HA11884 MP
Goldstar	GHV1233M	Will not record - tape pops out	Mode assembly	556-055A
Goldstar	GHV42FM	Tape speeds up - slows down in SLP	Pinch roller assembly	386-050A
Goldstar	GHV4100M	Reel moves intermittently/ starts, stops	Take-up reel sensor	416-840
Magnavox	VR9840	No display	IC 7501	UPD5216A GF558
Magnavox	VR7072	Runs only in FF - search on P.B.	IC 24 capstan motor drive	6192182 010
Magnavox	VR7072	Sluggish loading	Stator. coil	7096200 160
Magnavox	VR7072	No chroma on P.B.	IC 81 or R 809 adj.	6192040 320
Magnavox	VR8356 BK01	Will not eject	Loading motor	VEMS0038

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
Funai	FLC-1100	Pix has vertical jump on P.B.	IC752	LA7210
GE	IVCR50184	Noisy pix in pix	IC3501	AN3220
Goldstar	GHV1233	Drum turns with little torque	D105	uZ15BL
Goldstar	GHV1233	Capstan runs erratically	IC203	BA1032
Goldstar	GHV1233	Buzz in audio on P.B.	Q406	KTC223
Goldstar	GHV1233	No video in E-E mode	Q703	2SC181
Goldstar	GHV8200	Noisy pix on P.B.	IC201(no control pulse)	TD6360 02
Goldstar	GHV8200	No FF/Rew	D205	1SS133
Goldstar	GHV8200	Display does not work	DC501	1SS133
Goldstar	GHV8200	Starts to play - stops	IC501	HD6140 -SG69
Goldstar	GHV8200	Will not tune channels	IC901	M50754 362SP
Goldstar	GHV8200	AFT does not work	Q707	FET-KT 117A
Goldstar	GHV8200	No regulated 5v	Q102	KET-KT 966Y
Goldstar	GHV8200	Will not record audio	IC404	M51326 ALGSW
Goldstar	GHV8200	Will not P.B. in Hi-Fi	IC603	HIC,GS 1317
Goldstar	VCP4200M	Loading arms will not go forward	Mode cam	374-00
Goldstar	VCP4200M	Noise in Pix no speed detect	C226	CQ103J
Magnavox	VR8316 BK01	No power	Q102 C105	2SD637 00ut-2
Magnavox	VR9820 AT01	Clock runs slow	Crystal X7502	171696 01
Magnavox	VR2040	No power, inoperable	Q102 & add two MA165 diodes from pin3, IC11 to Q102 emit	insert
Magnin	MVR9500	No vertical sync - no color	Adjust tension arm assy	5254-6 410

Make	Model	Symptom	Defective Part	Part #
Goldstar	GHV55FM	Will not rewind	End Sensor	513-191A
Goldstar	GHV41FM	Top half of picture gone on playback	Upper Cylinder	413-0148
Goldstar	GHV55FM	Will not rewind	R634	1Kohm 1/4W
Goldstar	GHV55FM	Starts to play - stops	Reel Sensor	657-0101A
Goldstar	CV5500	Intermittent play	Stopper	354-020D
Zenith	VR5000	Mode control motor will not run	IC5	BA6109U3
Zenith	VR3200	Heads speed up - unit stops	Q405, Q406	2SD641QRS 2SD636QRS
Zenith	VR1805	No picture on playback	IC101	HA11839NT
Zenith	VR1805	Will not record color	IC301	PU11161A
Zenith	VR1805	Intermittent loading fast forward - rewind	IC602	BA6238A
Zenith	VR4100	Will not play back audio	IC401	TA7361AP
Zenith	VR4100	Will not play back/record audio	IC204	EHMB9840 C11
Zenith	VR4100	Will not record video	Q23	2SB641QRS
Zenith	VR1800	Tuner will not work	Q7	2SD1128-08
Zenith	VR1800	Audio will not erase	Q3	2SD639RS
Zenith	VR1800	Will not record in EP-LP	IC402	HA11827NT
Zenith	VM6000	Capstan is intermittent	IC4	BAF6305
Zenith	VR3100	No audio - video on playback	IC1	AJ7010
Zenith	VR3100	Upper cylinder will not turn	Q1	2SB1052
Zenith	VR3100	Negative 35 volt source missing	D14	HZ15-2



MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
Magnin	MVR9500	Head Speed too fast - shuts down	Resolder drum P.G.	Head 32309- 024-01
Magnin	"	No video TV tuner or on VCR P.B.	PC001 TLP551	62119- 103-61
Magnin	"	Press play will not operate	IC 205 BA6209	62119- 101-75
Magnin	"	Drum will not rotate	IC 201 SD3621A	62109- 321-10
Magnin	"	Capstan will not rotate	IC 601 UPD75104CW	61048- 177-47
Magnin	"	Will not record	R 610 4.7K	62119- 103-61
Magnin	"	Will not FF	IC 206 BA6209	63599- 016-07
Magnin	"	Will not rewind	SW 720	65293- 600-01
Magnin	MVR9500	Cassette loading does not operate	Loading motor	62119- 101-74
Magnin	"	Will not record video	IC 301 TA8606N	62137- 103-38
Magnin	"	No video on P.B.	TA8605N 25A733Y 62119- IC 302 Q303 101-742	62119- 101-741
Magnin	"	No color in record mode	IC 303 TA8604N	62429- 038-081
Magnin	"	No color in P.B. mode	FL 304	62119- 103-080
Magnin	"	Will not record audio	IC 502 UPC1513HA	62119- 103-609
Magnin	"	Audio missing in E.E. mode	IC 101 BA6122A	62119- 103-620
Magnin	"	Will not play back audio	IC 501 BA7751LS	62119- 103-602
Magnin	"	Noisy pix in play	IC 202 BA718	62119- 501-560
Magnin	"	Tuning inoperative	IC 402 KA33V	62119- 101-752
Magnin	"	Plays in fast speed only	IC 201	62119- 103-620
Magnin	"	No pix in P.B.	IC 501	1895300
Philco	VT3140	No display	DP display Part [VSZS0082A] and	20

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
Magnin	MVR9500	Capstan speeds up/slow down in Play or Record	CN202	Solde pins
Magnin	MVR9500	No audio on P.B.	CN501	Solde pins
Magnin	MVR9500	Dead - rushing audio	FR101	61099 -064
Magnin	MVR9500	Capstan runs fast intermittently	IC206	BA620
Panasonic	PV1540	Loads-unloads some display segments stay on	IC7602	MN152 VSN
Philco	V1320 TGY01	Will not tune low band channels	R7025 R7026	100Ko 1M oh
Quasar	UP5435WQ	Use with camera - EE 5v intermittent	Resolder pins 1-14	VCRS0 IC110
Quasar	VH5635WW	Eats tapes	Transmitting arm unit	VXLS0
Quasar	VH5251YW	Plug in cyl turns/no other function	IC2004	AN638
Quasar	VH5041	Will not hold channel when shut off	Q1013 - D1022	2SD63 MA412
Quasar	VH5270	Dead	D1010 - D1011	MA185 Fu2YX
Quasar	VH5270	Capstan jumps in play	IC2601	Pu42C
Quasar	VH5270	Timer will not set	D1010	MA185
Quasar	VH5846XR	No clock on channel on display	IC7501	MN158 4VSA
RCA	VR250	Display will not come on	IC701	18658
RCA	VR250	Wrong tape speed	IC206	19227
RCA	VR250	Video jitter on P.B.	Adjust VR201	
RCA	VR250	Will not record	IC601	19227
RCA	VR250	Will not tune channels	IC402	18667
RCA	VR250	Will not P.B. audio	IC401	18667
RCA	VR250	Records distorted video	IC306	18660

Make	Model	Symptom	Defective Part	Part #
Panasonic	PV1225	Blue vertical line in playback	DL8101	EFDVN645B15G
Panasonic	PV1340	Occasionally will not unload	Cassette basket	Shim with washers
Panasonic	PV1361	Dead	D1012	MA165
GE	ICVD2021X	Picture has jitter in horizontal direction	IC2001	AN6350
GE	ICVD3020X	Picture jumps vertically in playback	IC2003	AN6356N
Magnavox	VR8405SL01	No display	R1030	22 ½watt
Wards	GEN105525	No picture from tuner	Video input jack	141C22
Sylvania	VC3630	Herring bone pattern in color	IC8002	MN6163A
Sylvania	VC2230SL01	Channel LEDs not working	IC2601	AN3821K
Goldstar	GHV51FM	Stops in playback or ff; no counter	R634, R929, R938	1K ,68K , 68K
Goldstar	GHV51FM	Picture skew in cue/review/pause	R232 2.7K	RD272JOA
Goldstar	GHV41FM	Will not change channels	Q701	2SC2236A
Goldstar	GHV1240M	No picture in reverse search	Q320 - KN1203	664-043C
Goldstar	GHV1240M	Will not record color	IC303	668-246A
Goldstar	GHV1240M	Noise in picture in playback	Q202	664-0020
Goldstar	GHV1240M	No unregulated 18v	D110-UZ15BM	654-035A
Goldstar	GHV1240M	No audio in playback	Q408	664-043D
Goldstar	GHV1240M	Cylinder stops moving	D206-1S2471	656-014T
Goldstar	GHV1240M	No E.E. video	Q711	664-043C
Sharp	VC799	Cylinder will not turn	Drum motor	RMOP1084 GEZZ

Make	Model	Symptom	Defective Part	Part #
Quasar	VH 5021 VW	Upper cylinder will not turn	IC202	AN6677
Quasar	VH 5021 VW	Stops during play or record	IC2002	AN6677
Quasar	VH 5022 UW	Will fast forward in rewind mode	RY201	VSYS0003
Quasar	VH 5022 UW	Will not play or record in LP mode	IC2003	UPC1505C
Quasar	VH 5022 UW	Audio distorted - no color; can use SP-LP-SLP switch in play mode	Q2017	2SB641R
Quasar	VH 5011 TW	Shuts down in any mode	Q6507	2SB761PQ
Quasar	VH 5011 TW	Loads then unloads	D6506 & D6502	48x90432A62& 48x90380A85
Quasar	VH 5011 TW	Audio noise & wow in SLP	IC205, Q222	AN6341N 2SA6990R
Sylvania	VC1000SL02	Will not eject	Q6012	2SC 2594 V
Fisher	FVH 820	Picture goes to snow	IC201	SV7034CN542P
Quasar	VH 5141 XQ	Noisy picture - high squeal	C 2004	10uf @ 50v
Quasar	VH 5141 XQ	Tape speed not constant	IC2001	AN6359N
RCA	VLT 450	UHF channels will not tune in	Demodulator	163943
RCA	VKP 170	Will not play, fast forward, etc.	IC601	159791 RCA
RCA	VJT 250	Will not search	Q602	2SC458CD
RCA	VJT 255	Remote does not work	R1310	156909 RCA
Quasar	VP 5430 WQ	Capstan & servo cylinder run wild	IC2001	AN6359
Quasar	VP 5430 WQ	Cylinder does not always turn	IC2501	AN6387
Quasar	VH 5635 WW	Will not play in LP-SLP; will record OK	IC2001	AN6359
Quasar	VH 5635 WW	Will not play, fast forward, rewind	IC2009	AN3820

Make	Model	Symptom	Defective Part	Part #
Quasar	VH 5031 WW	Will not play in LP SLP mode; will record OK	IC2001	AN6359
Quasar	VH 5031 WW	Intermittent capstan movement	IC2001	VCRS0020
Quasar	VH 5031 WW	Display will not light or is dim	R6005, R6006	ERDS2TJ121 120 1W
Quasar	VH 5041 XQ	Audio is garbled	IC2601	AN3822K
Quasar	VH 5041 XQ	Digit in display is bright	D6112 keeps Q6002 on	MA166
Quasar	VH 5041 XQ	Picture swings horizontally - no sync	IC2003	AN6356N
Quasar	VH 5041 XQ	Pulsing color	IC8102	MN6163A
Quasar	VH 5141 XQ	Picture tilts horizontally after warm-up	IC1001	ON3111
Quasar	VH 5145 XQ	No horizontal sync	IC3502	AN3312
Quasar	VH 5145 XQ	No color	IC8101	AN6366NK
Quasar	VH 5210 TW	Unit shuts down in five to six seconds	IC1502	DN838
Quasar	VH 5235 WW	Will not load; fast forwards or reverses when manually loaded	IC6003	MN1405VDG
Quasar	VH 5410 TE	Shuts down in three to four seconds	IC2001	AN6350
Quasar	VH 5355 YE	No video	FL3101	ELB4MO17
Quasar	VH 5335 WQ	No color	IC8002	MN6163A
Quasar	VH 5031 WW	Will not record audio or video	Demodulator	VEDSO757
Quasar	VH 5655 YE	Tuner will not work	Antenna terminal	VEKS2074
RCA	VJT 275	Stops after it starts to play	IC602 HA11747A	156918 RCA
Panasonic	PV 1230	No audio or video on playback	Converter	VEQSO254
GE	ICVD2021X	Low or no audio	IC 401	AN262

Make	Model	Symptom	Defective Part	Part #
Quasar	VH 5156 YQ	Will not load	C 6004, 100 uf @ 6v	ECEAQJK101
RCA	TFP 1500	Tuner will not work	Q3, voltage regulator	150256 RCA
RCA	TFP 1500	Noise bars in picture from tuner	D004, D005, D006 in tuner demod C.B.A.	MA165
RCA	TFP 1500	Will not change channels	Q918	2SA933R
RCA	VJT 250	Noise in picture, snowy on playback	D627	ECG605A or 152284
RCA	VJT 255	Will not record, rewind, or play	RAJ01	156927 RCA
RCA	VJT 255	No audio	IC 401-LA7040	156895 RCA
RCA	VKP 950	Will not display program	IC 404	160831 RCA
RCA	VLT 260	Will not channel up/down	IC 751	173083 RCA
Quasar	VH 5151 YQ	No power	Q1001-D1001	2SC1370 & S1WBA40
RCA	VJT 250	No play back; will not switch from E.E. to V.V. mode	Q906	156736 RCA
Panasonic	PV 1500	Will not load	R636	4.7 2W
Panasonic	PV 1730	Tuner does not work	Q7508	2SB9760
Quasar	VH 5041 XQ	Picture swings horizontally	IC2002	MIV6168VIE
Quasar	VH 5041 XQ	Push stop - goes fast forward; push stop - ejects	Mode select switch	VESS0016
Quasar	VH 5041 XQ	Upper cylinder will not turn	Lower cylinder open winding	VEGS0054
Quasar	VH 5041 XQ	Capstan jerks/jumps	C2004	ECEAIEN3R3 3.3 uf 35v
Quasar	VH 5041 XQ	No color, no pulse Pin 18 IC	IC8102	MN6163A
Quasar	VH 5041 XQ	Push play - display goes dim (may shut down)	Q1001	2SD1330
Quasar	VH 5015 SW	No audio-video from VCR tuner	D5 & D6 in antenna terminal	MA165

Make	Model	Symptom	Defective Part	Part #
Quasar	VH 5441 XQ	Feed & take-up reels have jerky movement	IC2010 (T-U) IC2009 (F)	VXPS0131 & VXRS0015
Quasar	VP 5435 WQ	Audio is garbled	IC6501	AN6676
Quasar	VP 5435 WQ	Noise when coming out of pause mode	R2079	EVN38CA00B25
Panasonic	PV 1340	Unit stops during play	IC6001	MN15846VRG
Panasonic	PV 4000	Keeps ejecting; stop light blinks	IC6001	MN1405VR
Quasar	VH 5310 TW	Color dots and streaking	FL8001	91C90362A10
Quasar	VH5031 WW	No color in play or record	IC8001	AN6366
Quasar	VH 5031 WW	No color in play or record	Bad decoupling cap pin 18 IC 8001	.01 uf- ECKWH1032F5
Quasar	VH 5031WW	Will not change channels	Antenna terminal	VEJS0015
Quasar	VH 5031 WW	Unit appears dead; small flicker in display; low power	IC60002	MN15841 VK
Quasar	VH 5031WW	Poor, distorted audio	C4024,C4003 4.7uf @ 25v, .001uf @ 50v	ECEA25M4R7S VCYST50102KB
Quasar	VH 5031 WW	No video	IC701	AN5215
Quasar	VH 5160 SW	Stops while playing intermittently	Loading belt	VDVS0020
Quasar	VH 5160 SW	Stop light will not go off	IC6007	ECH4001B
Quasar	VH 5160 SW	Will not eject; all other functions OK	IC6001	MN1400VP
Quasar	VH 5160 SW	Plays back slow; won't record	IC6007	UPD4081C
Quasar	VH 5210 TW	Unit dead	Power transformer T1	25D90341A51
Quasar	VH 5210 TW	Shuts down intermittently	ICI501	HA17806
Panasonic	PV 1231 R	Will not record in SLP mode	IC2002	MN6168VIB
Panasonic	PV 1331 R	Capstan will not turn	Q2005	2SD1266PQR or 2SD856PQR

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Quasar	VH5477	Will not load into "V" stoppers	Rack/link gear	VSJS0011
Quasar	VH5675	Plug in - capstan runs in reverse	IC 6002	M54649L
Quasar	VH5378	Tuner intermittent	Resolder B+ pin on tuner	
Quasar	VH5251	Poor pix on P.B. no sync H or V	IC 3102	AN3320K
Quasar	VH5300	No power	IC 1001	ON3161R
Quasar	VH5251	No audio on P.B. or from tuner	RF converter	VEQS0252
Quasar	VH5153YW	Will not load - burned motor	Mode switch & motor	VSSS0052 VEMS0099
Quasar	VH5157	No pix on P.B.	IC 3101	AN3211K
Quasar	VH5125WW	Powers up but will not play	Q 1013, Q 1014	2SD958 2SD637
Quasar	VA556YE	Will not tune channels	IC 7507, D 1013	Part & MA4300L UPD17096 518
Quasar	VA520SE	Static in audio	RY 4001, RY 4002	VSU0008 VSU0006
Quasar	VH5370	No audio in P.B. mode	RF converter	VESQ0347
Quasar	VH5041XW	Power supply keeps shorting out	IC 6003	AN6356N
Quasar	VH5151YQ	Will not record	Safety tab assembly	VSMS5000
RCA	VPT630	Cassette will not load	Broken retaining tab #409	182996
RCA	VR450	Records with jerky motions	IC 601 BU2748S	192116
RCA	VKT300	No pix on P.B.	ZD 201 7 volt zener	HZ73-1
RCA	VKT550	Poor audio/ no speed select lights	IC 605 MSL9372RS	153444
RCA	VLT470	Will not tune some channels	IC 151 Band IC	156730
RCA	VR275	Tape hangs up in eject	Base unit	191367
RCA	VPT294	Cylinder movement intermittent	IC 603	180678



Make	Model	Symptom	Defective Part	Part #
Quasar	VH 5645 XW	Will not search in SP mode - no envelope detected	IC3502	AN3310K
Quasar	VH 5645 XW	Horizontal jitter	R2026 by pin 18 of IC2004	100-1/2W
RCA	VKT 275	Push play - goes to rewind	Q141	157068 RCA
RCA	VKT 275	Picture & noise alternate	IC602 BA8507	156918 RCA
RCA	VKT 300	Will not record video	IC201 HT4234	156891
RCA	VKT 385	Remote receiver will not work	IC752	153712 RCA
RCA	VKT 400	SP-LP-SLP leds blink intermittently	IC607	153444 RCA
RCA	VKT 400	Blows fuses	IC481D HA4811	156970 RCA
Quasar	VH 5011 TW	No color in record	R8026	EVNK6AA00B23
Quasar	VH 5011 TW	White lines in picture	R3138	EVNK7AA00B13
Quasar	VH 5015 SW	Shuts down in play mode; no picture in tuner	IC601	ECG4001B
Quasar	VH 5041 VW	Eating tapes	Mode select assembly	VESS0016
RCA	VKT 300	Will not play	Play arm assembly	164113
Quasar	VH 5623 UW	Horizontal white lines in SLP play mode	IC3005	AN6326
RCA	VLT 385	Will not play after an hour	Lower motor cylinder	163884 RCA
Quasar	VH 5041 XQ	No power	D1011	STK20
Fisher	FVH 810	Picture goes blank from tuner after a few minutes	Tuner demodulator	4-1151-14160
Quasar	VH 5300 SE	Noise in audio	RY2001	VSVD2026
Quasar	VH 5246 XW	Picture jumps in SP-LP-SLP record mode P.B. OK	IC2002	MN6168VIB
Quasar	VH 5246 XQ	Will lose video in SLP record after a short time	IC3501	AN3220K

Make	Model	Symptom	Defective Part	Part #
CA	VJT 275	Lines in picture	D481D	156969 RCA or ECG605
CA	VJT 275	No picture; sounds OK	Circuit VHF splitter	160198 RCA
CA	VJT 275	Noise and picture alternate	IC602	156918 RCA
CA	VJT 275	Picture goes black when play starts	IC202 HT4245C	I60521
CA	VJT 275	Will not load	Loading motor	160035
CA	VKT 275	Starts to play then stops	IC602 Phase control	156918
uasar	VH 5141 XQ	Noise in picture in SP record mode only	C2031	23132S5C88
uasar	VH 5045 XQ	Video & noise alternate in picture	IC2002	MN6168V1B
uasar	VH 5141 XQ	Audio is garbled	IC2601	AN3821K
uasar	VH 5157 YE	No video	IC3102	AN3320K
uasar	VH 5157 YE	Will not load; lift pin 64 of MPU - is OK	IC6001	MN15846VRG
uasar	VH 5157 YE	No cylinder movement	Lower cylinder	VEGS0081
uasar	VP 5748 XE	Take-up reel jerky	IC2504	AN3830K
uasar	VH 5846 XE	Distortion in audio HI-FI mode	Adjust R2042 by ear; adjustment not in manual	
uasar	VH 5846 XE	Shuts down while playing	ZD1017	MA4082M
uasar	VH 5846 XE	Picture is too bright in play back	IC3101	AN3210K
uasar	VH 5846 XE	White lines in SLP record mode only	IC3201	TA7348P
uasar	VH 5846 XE	Upper cylinder keeps turning when shut off	IC2004	MN6168VIH
uasar	VH 5031 WW	Display - some segments are bright	Check quick switching diode matrix by MPU	MA165
uasar	VH 5031 WW	Vertical jump in SLP record or play back	IC2002	MN6168VIB

Make	Model	Symptom	Defective Part	Part #
RCA	VJT275	Band of color vertically in picture	DL202	159954
RCA	VJT275	Dead	Q103	159960
RCA	VJT275	No E.E. audio	Q902	156934
RCA	VJT275	Shuts down when eject is pushed	RA701	159966
RCA	VJT275	Power on - Unit goes into record	D923	152284
RCA	VJT275	Push play - Unit rewinds	C916	152071
RCA	VKT385	Loses video after playing a short time	IC205	164114
RCA	VKT375	Will only rewind	C903	162388
RCA	VKT400	Tuner changes channels intermittently	IC201	161579
RCA	VKT400	No auto rewind	Q141	157068
RCA	VKT400	Will not load tape	IC901	161572
RCA	VKT430	Poor picture in playback	CM92	152083
RCA	VKT430	Tuner detunes	ZD701	147464
RCA	VKT430	Unit locked in timer mode	IC201	156891
RCA	VKT425	VL and VH channels not tune right	IC1702	161669
RCA	VKT550	Will not load	R863	830A22
RCA	VKT500	No audio in E.E. mode	C1720	152274
RCA	VKP170	Jumps from play to rewind	IC503	161122
RCA	VKT650	Clock has no display	Q1706	150516
RCA	VKT650	Plays in wrong speed	R639	151453

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
RCA	VKP900	Tape will not move	Idler assembly	162662
"	VLT470	When inserting tape, must "jockey" to get in	Cassette tray	164615
"	VKP925T	Stops during play	Idler assembly	160801
"	VPT395	Cassette in LED will not light	IC 751	182759
"	VPT495	Dead unit - no display	IC 802	178390
"	VPT595	Weak video/no chroma in pause	C1084-330PF 50v	158985
"	VPT595	Ghost image in pause/freeze	C1120 - 47uf 6v	184625
"	VPT630	No auto program/tuning lag	C804 - .47uf 50v	158337
"	VKT385	Erratic cylinder shutdown	Check solder connections lower cylinder	
"	VKT385	Wont tune - jumps channels	ZD 801	147464
"	VLT450	Horizontal shaking in pix	D618 - D619	163348
"	VKP900	Poor search, pause, erratic servo	Change brown grommets on bottom cover	
"	VKP900T	Bright display - segment dull	ZD 914	156790
"	VKP950	Dull video from tuner	C424 100uf 16v	152220
"	VLT600HF	Noise in high VHF stations	C 805	159969
"	VMT295A	Dead unit - no display	X 751	161516
"	VMT395	Head-switching at bottom of pix	C604 .047uf 16v	177592
"	VPT390	Snow in P.B.	C605 .01uf 50v	147036
"	VPT200	Noisy P.B. video	Add star washer to screws in lower cly. C.B.A.	
Sharp	VCA102	Horizontal lines in pix	IC 703	VH1BA15 N-1
"	VCA102	Pix turns diagonally	IC 701	RH-ix03 EZZ

Make	Model	Symptom	Defective Part	Part #
CA	VKP900	Will not change channels	C791	152606
CA	VKP900	No E.E. or playback video	IC401	160830
CA	VKP950	No audio in E.E. mode	Q429	157959
CA	VJT255	No color	IC203	156893
CA	VJT250	No playback; will not switch from EE to VV	Q906	156736
CA	VJT250	Intermittent shutdown	ZD481D	150531
CA	VJT250	Stops intermittently when in playback	Cassette safety tab switch	152312
CA	VJT250	Counter stops moving	Clutch plate assembly	164089
CA	VJT255	Unit will only rewind	Tape indicator	150516
CA	VJT500	Will not record chroma	C261	152083
CA	VJT500	Noise in picture in playback	C113	152220
CA	VJT500	Capstan speed varies in playback	IC603	156580
CA	VLT385	No clock display	D801	158313
CA	VLT385	Will not fast forward	Q613/DTC124F	150156
CA	VLT375	No rewind or reverse search	IC751	173117
CA	VLT375	No cylinder movement	D618	153493
CA	VLT375	Basket loads, then unloads	Tape end sensor	149561
CA	VLT385	No clock or display	C856	143884
CA	VLT470	Remote does not work	R833	151479
CA	VLT470	Does not tune	Q801	157959

Make	Model	Symptom	Defective Part	Part #
EA	VKT300	Loses audio after playing short time	IC402	159946
EA	VKT300	No control over playback or record speed	C651	147971
EA	VKT300	Will not record	Q901	160547
EA	VKT300	Will not play, fast forward, rewind	IC904 A/D comparator	159949
EA	VKT300	Intermittent audio	C425 10 uf 16v	152070
EA	VKT300	Alternate noise in picture	C625 .22 uf 50v	152083
EA	VKT300	Will not load, keeps ejecting tape	Left bracket assembly	163881
EA	VKT300	No power	ZD104	HZ12A-3
EA	VJP900	No cylinder F.G. pulse	IC781	156546
EA	VJP900	No picture in playback after short time	IC204	148509
EA	VJP900	No channel change	IC401	156723
EA	VJP900	No power on	IC401	156723
EA	VJP900	Intermittent audio recording	T401	156617
EA	VJP900	Poor picture in SLP playback	Q514	150156
EA	VJP900	No E.E. audio	Open S1 in camera jack	131411
EA	VJP900	Picture is intermittent	C203	147971
EA	VJP900	Timer light flashes when tape is loaded	D812	148124
EA	VJP900	Intermittent snow during commercial change	IC704	156730
EA	VJP900	Loading motor will not operate	IC802	159791
EA	VJT275	Cylinder motor keeps running	ZD103	156790

Make	Model	Symptom	Defective Part	Part #
RCA	VMT385	Makes noise in FF or reverse search	Capstan motor	177197
RCA	VLT600HF	No audio in E.E. mode	Q421	156934
RCA	VLP950HF	Will not turn on with remote	Q701	156548
RCA	VET450	Will not record audio	K4001 - Relay	VSY1011
RCA	VET180	Will not record audio or video	C406	169802
RCA	VGP170	Pause LED always on	D822	MA160
RCA	VFT650	Will not fast forward	Q6010	2SD646
Quasar	VH5857YE	Hi-fi LED blinks on and off	R2024	2K 1/8W
Quasar	VH5164	Will not play, fast forward, or rewind	Intermittent sensor	LN59NV
Quasar	VH5163	D1014 shorts after replacement	D1010	AK03/MA711
Quasar	VH5162	Distorted audio - lines in picture	IC2001	MN6178VAD
Quasar	VH5157YE	Tuner drifts	IC7001	AN5070
Quasar	VH5157YE	No audio record	R4031	EVNE4AA00B15
Quasar	VH5145XQ	Push stop - goes fast forward	Mode select switch	VE550016
Quasar	VH5145XQ	Black & white picture smears - dull color	IC8102	MN6163A
Quasar	VH5845XQ	On record, small white lines move up pix	IC2002	MN6168VIH
Quasar	VH5042WQ	Diagonal lines in playback; head stops	Mode select switch	VE550016
Quasar	VH5235WW	Picture tears horiz-audio hi-sp LED jumps	IC8001	AN6366NK
Panasonic	PV1381	Dead	Q1001,D1014	2SC3870- MA2180
Panasonic	PV5800	No input function	Cassette down switch	Burnish contacts

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
RCA	VPT200	No cylinder movement	Resolder L106	186640
Samsung	VR500	Will not pull tape onto take-up reel	Q207	2137-1 704KSR945-
Samsung	VR500	Heads will not spin	Lower cylinder	RCA# 186518
Samsung	VR500	Heads will not turn	Q201	2137-7 013KSR1004
Samsung	VR2000	Diagonal lines in pix at start, then OK	Cylinder motor	69000- 370-02
Samsung	VP2210	No power	Q106	R2008
Sanyo	VHR9100	No audio or video on P.B.	Q1021	2SB560
Sanyo	VHR2250 VHR2350	No pix on P.B.	Q1501 ECG85	2SC283
Sanyo	VHR3350	No power	R5101	4.7ohm 1/4w
Sanyo	VHR2350	Will not load	Voltage regulator	STK548
Sears	934532937 50	No cylinder movement will load	934.53293750	STK537
Sharp	VC685u	No 15v uR	R907	.22ohm 1/4w f
Sharp	VC7854u	Shuts down intermittently	Capstan D.D. motor	RMOTN2 GEZZ
Sharp	VC2208u	Will not load	Cassett control switch	QSW-F0 GEZZ
Sharp	VC583uB	Black lines in pix on P.B.	IC301	AN3313
Sharp	VC582uB	Will not load tape	IC803	BA6239
Sharp	VC583uB	Tape comes off reel during F.F.	Q817 - brake solenoid	2SD128
Sharp	VC68330	Will not play back audio	IC601 pins 4-5	AN3990
Sharp	VCA201u	Vertical jitter in E-E	Add .1uf cap across C005 in I.F. pack	.1uf
Sharp	VCA105u - 857-960- 300-305	Push play - tape loads around drum -shuts down	Drum motor	RMOTP10 GEZZ



MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
✓RCA	VPT200	No cylinder movement	Resolder Q106	
RCA	VPT595	No cylinder movement FF or REW	IC801	STK537
RCA	VR285	Remote control does not work	RM0701	192280
RCA	VR250	Will not erase old video/snowy pix	L501 - C502	192907 151910
RCA	VR280	Audio drop-out	Q501 - C503 - L503 - R502 also (196226,186692)	186642 149602
RCA	VR2000	Push play-no video-audio-unit in record	Q408	2SB641
RCA	VR271	Loads tape - shuts down	IC735	BA6209
RCA	VR250	Low audio EE or VV	R. F. Converter	189292
RCA	VPT200	Dead	IC101	186651
RCA	VPT200	Will not record audio	Q504	186634
RCA	VPT200	Capstan speed not constant	IC201	186650
RCA	VPT290	No chroma on P.B.	IC202	177095
✓RCA	VPT290	Will not tune channels	IC801	177389
RCA	VR250	Dead	Q104 - Q104	186645 186568
RCA	VR250	P.B. video distorted	IC302	186686
RCA	VR250	Will not record audio	IC601	192275
RCA	VR250	Will not P.B. video	IC306	186600
RCA	VR250	Channel tuning erratic	IC602	161669
RCA	VR250	No pix on P.B.	R1039	313Koh 1/8w
✓RCA	VPT200	Leaves tape hanging out	Q005 photo coupler	186499
RCA	VMT390A	Intermittent cylinder movement	Resolder connection K299	

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
RCA	VR280	On-screen-display distorted	IC0902 / IC0901	192905 180057
RCA	VR280	No EE video	IC0302	192962
RCA	VR280	Timer will not work	IC0701	192904
RCA	VR280	Will not preform all functions	IC0601	195143
RCA	VR285	Remote will not work	RM0701	192911
RCA	VR285	No on screen display	VR0901	186655
RCA	VR285	Will not eject	IC0204	192274
PCA	VR285	No E-E audio	IC0401	186670
RCA	VR290	Dead	Q1004 - Q1005	196201 196200
RCA	VR290	Video P.B. distorted	IC3101	196190
RCA	VR290	No power on	IC6001	197666
RCA	VR291	Will not record color	Q202	161123
RCA	VR295	No power on	IC1001	194285
RCA	VR295	Will not record audio	IC5001	192903
RCA	VR450	Dead	QF869	180060
RCA	VR490	Will not record audio	IC401	193230
RCA	VLT600HF	Will not rewind	IC751	174183
RCA	VLT600HF	Will not play	RA101	164313
RCA	VR625HF	Changes speed in REC or PB mode	R6100	195594
RCA	VLT472	Noisy pix	Resolder pins 1-12 head amp board	
RCA	VPT200	Poor pix on PB	Resolder CN301	

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
RCA	VR285	Cassette loads slowly	Q 211	186512
"	VR285	Sluggish tape loading	Q 212	186610
"	VR285	OSD is slanted	IC 904	149291
"	VR285	No OSD	IC 902	180057
"	VR450	Cylinder runs fast	IC 1772	191491
"	VR450	Cassette basket attempts to load	IC 1721	191866
"	VKT550	Bad pix or head switching	Q 605	150516
"	VKT550	No flourescent display	C 1201 220uf 25v	160221
"	VKT650	No P.B. pix - FF scan OK	IC 204	150569
"	VKT650	Poor capstan torque	D 902	153493
"	VKT300	Makes squealing noise - shuts down	Loading belt	156678
"	VKT550	Erratic loading	Cassette assembly	160244
"	VJT250	Picture defective on P.B.	C 220 1uf 50v	152088
"	VFT654	Stopped during P.B.	IC 2008	AN640E
"	VJP900T	Intermittent noise in pix	IC 501	156580
"	VKT385	No display	C 807, C 806	4.7uf 50 100uf 35
"	VKT385	Will not change channels	Q 807	2SA844
"	TJP1400	Right loading post wont go into "v" stoppers	Loading link	156883
"	VMT390A	Tuner will not work	Demodulator	179411
"	VKT550	Bad pix in rec and P.B.	Upper cylinder	161960
"	VKT550	Will not load - basket part way in	Cassette gear assembly	160243

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
RCA	VR470	Records with jerky motion on P.B.	IC 601 BU2748S	192116
RCA	VPT395	Tape movement intermittent	Clutch assembly	177206
RCA	VR270	Audio speeds up-slows down in record	ZD 863	147406
RCA	VKT275	Voices are garbbled	Q 408	2SA992
RCA	VKT300	No pix on P.B.	IC 201	160251
RCA	VKT550	Speed select [SP-LP-SLP] does not work	IC 605	153444
RCA	All K Lines	Antenna splitter does not work	Q 701 to Q 705	192333
RCA	All K Lines	Will not record	Record prevention arm	161264
RCA	VKP 900 925/926	Audio momentarily mute	C 409 left and right	158407
RCA	VKT650	Press power "OFF", audio display and TV/VCR LEDS stay on	Q 1706	150516
RCA	VGP970HF MVR975HF	RFI interference on high VHF channels	D 604	Connect in Jumper Paralle
RCA	VMT600HF	Excessive video drop-out in LP-SLP P.B.	Install small repair kit	182790
Sharp	VC-D800U	Double image on P.B. or record	FL 201	RMPTD02 GEZZ
Sharp	VC-7995U	Tape will not move during P.B.	Pulley assembly	NPLYV01 GEZZ
Sharp	VC583	Will not load tape in basket	Cassette in switch	003-530 0330
Sharp	VC2200U	Will not FF/REW	Pulley assembly	NPLYV01 GEZZ
Sharp	VC-A500	VCR switches channels	Resolder IC 5001	
Sylvania	VCR88/89	During P.B., intermittent or blue pix	P5 sector gear	1493240 63
Sylvania	VCR88/89	Lockup half way through loading	Loading cam gear	1493240 71
Sylvania	VC4020	Intermittent noise in pix on P.B.	IC 2001 MN67461VDLK	6123300 93
Sylvania	VC4142	Starts to play - stops	SVN gear VDGS0139	1493240 72

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART
Sharp	VC1106 - 207-2208- 607-6608	Push play - tape loads around drum -shuts down	IC701	RH-ix0 GEZZ
Sylvaina	VC4115	Loads - goes FF - will not eject	Realign mode switch	
Sylvania	VC4115	No audio - video from Rf out	Rf converter	VEQS04
Sylvaina	Manual 5715	Dew indicator on	Foil break between pin 77, IC6001 a R6081 - Resolder	
Sylvaina	VC4020 SLO1	Tuner will not work	Tuner IC1	AN5180
Sylvaina	VC4530 SLO1	Unit will not play or load	Loading motor	VEMS00
Sylvaina	VC4511	Will not record	Safety switch	160678 374
Sylvaina	VC2234 SLO1	Will not eject	Wormwheel unit	VXPS01
Sylvaina	VC4142	Dead	Q1001, Q1002	(48351 7227, 48352539700
Sylvaina	VC4142	Dead	D1015, C1012	(48351 7134, 48351244716
Sylvania	VC4115 ATO1	Power supply will not power up	IC2602	PuA322
Symphoni	5200	Load tape - reel turns - ejects	Right end sensor	8000-2 320
Symphoni	13TVCR	No display	IC801	14DN47
Symphoni	13TVCR	Loading problems	IC402	BA6219
Symphoni	5300	Tuner will not turn on	IC803	MN1528
Symphoni	5300	Tape counter will not move	HIC401	181212
✓ Symphoni	5300	Push play tape will not run	Resolder CN-D pin 6	
Symphoni	5300	Poor pix on P.B.	IC1	AN3331
✓ Symphoni	5300	Will not record color	Q120	2SC536 SPEF
Symphoni	8000	O.S.D. jumps vertically	QR851	DTC124

Make	Model	Symptom	Defective Part	Part #
Sharp	VC799	Loads - has no other function	Brake solenoid	RPLU-0075 GEZZ
Sharp	VC6847U	Hiss in audio	IC601-AN3990K	VHIAN 399011-1
Sharp	VC798U	Auto tape speed does not function	IC704	BA6405
Sharp	VC799U	Will not eject	IC803	BA6238A
Sharp	VC799U	Will not record at pre-set time	IC5001	RH-IX0228 GEZZ
Sharp	VC785U	Will not record audio	FL602	CIL10052 GEZZ
Sharp	VC785U	Will not change channels	IC1401	RH-IX0203 GEZZ
Sharp	VC785U	Y/C playback - record intermittent	FL201 L.P.F.	MPTD0240 GEZZ
Sharp	VC670U	No five volt power source	Q906	2SB772R,Q
Sharp	VC670U	Will not load	IC802	VHITA7288/-
Sharp	VC670U	Distorted picture in playback	L303	47uf peakir
Sharp	VC670U	Will not play back video	C2210	100 uf-16v
Sharp	VC670U	Capstan will not start	Q711	DTC-144ES
Sharp	VC682U	Tuner will not change bands	D1508	DXO-142CE
Sharp	VC685U	Will not erase audio during record	Q6207	2SD655
Sharp	VC685U	Tuner will not channel up	IC1401	RH-IX0155 GEZZ
Sharp	VD685U	S.A.P. will not work	IC6001	VHICX 20112/-1
Sharp	VC6730U	Capstan has no torque	Q709	2SA933S,Q,R
Sharp	VC797U	No capstan in playback; will turn in rec.	IC701	IX0205GEZZ
Sharp	VC798U	No reel sensor pulse	Q712	VS2C1740 SQRIE

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Sharp	VC-A102U	Tape will not move	Reel drive unit	NPLYV01 EZZ
"	VC-A102U	Will not record sound properly	Head A/C assembly	RHEDU00 EZZ
"	VC7864U	Will not eject	IC 801	RH-ix02 EZZ
"	VC7864U	No head switching	IC 702	VHiiR93 -1
"	VC7854U	Will not FF - rew.(no sensor pause)	Q 712	VS2C174 SOR1E
"	VC7854U	Will not eject	Q 803	VS2SC20 LK-1
"	VC797U	No vertical sync	Q 708	VS2C174 SOR1E
"	VC798U	Heads will not turn	IC 803	VHiBA62 AU1E
"	VC799U	Will not record	IC 701	RHiX018 EZZ
"	XA-101	Poor color on P.B.	FL 502	MPTD024 GE
"	XA-101	Display erratic	Q 5010	2SA933SQ
"	VCM701U	No sound from tuner	IC 01	CXA1110A
"	XA-110	Power intermittent	D 916	95KUBD01 5AZ
"	XA-205	Remote will not work	Q 3001	VS2SA119 R-1
"	XA-120	Timer will not set	Q 5010	VS2SC202 -0
Sylvaina	VC2233 SLO1	Does not play clearly	VHF block	VEJS0019
"	VC8952 AT01	No video from tuner	IC 701 AN5138NK	61921805
"	VC8920 AT01	Will not load	Main shaft gear/wiper gear	VDGS0099 VXLS0335
"	VC8920 AT01	No pix on P.B. audio OK	VHF block	VEJS0035
"	VC2230 SLO1	Capstan movement jerky	Stator coil	VEMS0058
"	VC8922 AT01	Will not load	Cassette loading motor unit	VEMS0149

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Sylvania	VC8954 ATO1	Dead on arrival	D 1007 - Zener	5390760
"	VC2233 SLO1	Will not load	R 6070, IC 6002	ERDS1FJ BA6238A
"	VC2233 SLO1	Will not load	Loading motor	VEMS009
"	VC8952 SLO1	All functions intermittent	C 1004	7602320
"	VC2234 SLO1	Tape gets stuck in basket	Worm shaft unit	VXPS013
"	VC8972 ATO1	In play, unit speeds up	IC 2602 - AN3824K	6192240
"	VC2975 SLO1	Push play, unit shuts down	IC 2601	AN3822K
"	VC2230 SLO1	Intermittent play and record	Mode select assembly	VESS001
"	VC8936 ATO1	Noise in audio	Clutch gear assembly	1493240
Toshiba	M-500	Poor pix on P.B. Pix from video out OK	RF converter	MSU911
Zenith	VR2000	Turns off when play is pressed	Front loading belt	832-003
Sears	VKT250 934.53150	Starts to load - shuts off	Loading belt	157-814 (MCM#)
"	934.53131 350	Push play - makes loud noise - shuts down	Loading belt	156678.
"	VKT300 934.53321	Push play - breaks tapes	Mechanical state sensor	157771
Unitech	SSV1550	Irregular counter - stops	Take-up reel sensor	ON311
Sears	564.53362 550	Distorted video & audio on P.B.	R.F. converter	4-1164- 0462
"	934.53286 550	Will not take tape	End sensors	161757
Sanyo	VCR4650	Eats tapes	Idler mechanism	143-0-66 -10350
"	VCR4650	Will not load	Sanyo 004 Loading drive IC	409-041- 5704
Magnavox	VR8320 BK01	Starts to play, power goes off	Loading belt slipping	VDVS0020
GE	VCR5002X	Channel light will not stay set	D 1022 - Q 103	MA4120H 2SD638Q



MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Symphoni	8000	Will not pause	D803	1SS254
Symphoni	8000	Capstan pulses in play	IC401	BA6219B
Symphoni	8000	No video from video out jack	R59	68 ohm
Symphoni	8000	Records poo stereo audio	IC202	LA7096
Symphoni	SVG200	Low tuner audio	IC201	BA7001
Zenith	VR1800	Always FF or rewinds	Q603 shorted	2SD637QS

volume VI

MAKE	MODEL	SYMPTOM	DEFECTIVE PART	PART #
Zenith	VR1800	Push play - shuts off	Cam assembly	328059
GE	ICVD5825X 128	Intermittent pix - audio on P.B.	IC 2001	AN3610
GE	IVCR6011X	Bad signal to noise ratio on P.B.	R3515	2200 ohm 1/8 w
GE	IVCR6002X 3/4/10/11	Timer recording malfunction	R6061	120,000 ohm 1/8
GE	"	Poor chroma on P.B.	R8114	680 ohm 1/8 w

Make	Model	Symptom	Defective Part	Part #
Zenith	VR3100	No timer - record function	IC203	M470275
Zenith	VR5000	Will not turn on	Q302	921-1590
Zenith	VR5000	Take-up reel will not rotate	IC5	BA6302AF
Zenith	VR5000	Tape loads - unit shuts down	IC1	905-741
Zenith	VR2000	No play or record - enters auto-stop	IC11	905-631
Zenith	<del>VR</del> 2000	Drum will not come up to speed	IC11	905-631
Zenith	<del>VR</del> 4000	VCR buttons dead - remote works	IC1	905-667
Zenith	VR4000	When power is on, capstan turns	L5	820-1656
Zenith	VR4000	Timer segments on - capstan turns	IC1	BA6122A
Zenith	VR8900	Records LP only	Q20	2SD642QRS
Zenith	VR9000	Loads very slow	C22	100uf @ 15V