

REPLACEMENT PARTS

BEFORE REPLACING PARTS, READ THE FOLLOWING:

Approved Substitute Stock Numbers - Before ordering stock numbers in the part list, look for an approved substitute stock number in the current Price Schedule. This will minimize your service time and avoid ordering parts you already have in stock.

PRODUCT SAFETY NOTE: Components marked with a critical safety symbol have special characteristics important to safety. Before replacing any of these components, carefully read the **PRODUCT SAFETY NOTICE** in the basic service data. Do not degrade the safety of the set through improper servicing. Although assemblies as a whole may not be marked with a critical safety symbol, replacement of assemblies with other assemblies not approved may result in a safety hazard.

 Critical Safety Symbol

● Not Eligible For Warranty

Warranty Status of Assemblies and Parts - All assemblies and components shown in this part list are eligible for warranty exchange or replacement except those with a dot shown to the left of the Description. Assemblies and components with a dot to the left of the Description are NOT eligible for warranty exchange or replacement.

Warranty replacement of cabinet parts requires the approval of a Thomson Consumer Electronics Field Service Manager.

Warranty Status and Specifications of assemblies and components are subject to change without notice. Consult the TCE Parts Pricing Microfiche for the latest warranty status information.

@NOTE: When ordering components that are listed more than once in this part list, always adhere to the serial number application guidelines given in the description column. If a serial number application guideline is not given, always select the component with a value, rating, other specification or identification marking(s) that match those of the corresponding component in the instrument you are servicing.

Symbol	Stock	Drawing	Description
VR568			
CBA ASSEMBLIES COMPLETE			
1	242121	PVMPMSN392	● CIRCUIT, MAIN
RF101	238852	97P7607300	CIRCUIT, TUNER
ELECTRICAL COMPONENTS			
BA01	242122	97PB236301	CASE, PREAMP
BA02	242123	97P0471900	COVER, PREAMP
BA03	238798	97P0716511	COVER, JACK
BA03A	229682	7175300812	SCREW, 3MMD X 8MM
C101	146276	CEXF1A471V	CAP LYTC 470UF 10V
C103	241927	CBZR1C472M	CAP AXIAL 700PF 16V
C104	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C106	230574	HCFK223ZCA	CAPCC .22UF Z 50V
C107	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C108	186763	CEXF1C101A	CAP LYTC 100UF 16V
C109	193578	CEXF1C331V	CAP LYTC 30UF 16V
C110	235703	HCBK123KCA	CAPCC .012UF K 50V
C111	235703	HCBK123KCA	CAPCC .012UF K 50V
C113	187815	CCZF1H104Z	CAPCD .1UF Z 50V
C115	181463	CXCH1H809D	CAPCC 8PF J 50V
C117	194557	CEXF1H100A	CAP LYTC 10UF 50V
C201	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C202	194557	CEXF1H100A	CAP LYTC 10UF 50V
C203	194557	CEXF1H100A	CAP LYTC 10UF 50V
C204	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C205	235530	HCBK153KCA	CAPCC .015UF K 50V
C206	193585	CEXF1C470A	CAP LYTC 47UF 16V
C207	178842	CEXF1H479A	CAP LYTC 4.7UF 50V
C208	230580	HCBK102KCA	CAPCC 1000PF K 50V

Symbol	Stock	Drawing	Description
C209	241928	CMXM2A222J	CAP POLY 2200PF J 100V
C210	194557	CEXF1H100A	CAP LYTC 10UF 50V
C211	194557	CEXF1H100A	CAP LYTC 10UF 50V
C211	160124	CEXF1E220A	CAP LYTC 22UF 25V
C212	149164	CMXM2A103J	CAP POLY .01UF J 100V
C213	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C214	198559	CCZB1H102K	CAPCD 1000PF K 50V
C215	250013	CMXM2A223J	CAP POLY .022UF J 100V
C216	194557	CEXF1H100A	CAP LYTC 10UF 50V
C217	193585	CEXF1C470A	CAP LYTC 47UF 16V
C218	149164	CMXM2A103J	CAP POLY .01UF J 100V
C219	241850	HCFK333ZCA	CAPCC .033UF Z 50V
C220	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C221	193585	CEXF1C470A	CAP LYTC 47UF 16V
C222	160124	CEXF1E220A	CAP LYTC 22UF 25V
C223	187815	CCZF1H104Z	CAPCD .1UF Z 50V
C225	187815	CCZF1H104Z	CAPCD .1UF Z 50V
C226	235530	HCBK153KCA	CAPCC .015UF K 50V
C301	230575	HCFK473ZCA	CAPCC .047UF Z 50V
C302	193586	CEXF1H109A	CAP LYTC 1UF 50V
C303	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C304	235590	HCLK100DCA	CAPCC 10PF D 50V
C305	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C306	186763	CEXF1C101A	CAP LYTC 100UF 16V
C307	156245	CBZF1E223Z	CAPCD .022UF Z 25V
C308	193586	CEXF1H109A	CAP LYTC 1UF 50V
C309	193586	CEXF1H109A	CAP LYTC 1UF 50V
C311	194557	CEXF1H100A	CAP LYTC 10UF 50V
C312	193586	CEXF1H109A	CAP LYTC 1UF 50V
C313	193586	CEXF1H109A	CAP LYTC 1UF 50V
C314	194557	CEXF1H100A	CAP LYTC 10UF 50V

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C315	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C316	178842	CEXF1H479A	CAP LYTC 4.7UF 50V
C317	193586	CEXF1H109A	CAP LYTC 1UF 50V
C318	193586	CEXF1H109A	CAP LYTC 1UF 50V
C319	230561	HCLK300JCA	CAPCC 30PF J 50V
C320	230585	HCLK201JCA	CAPCC 200PF J 50V
C321	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C322	230572	HCLK391JCA	CAPCC 390PF J 50V
C323	186999	CBZP1C103M	CAPCD .01UF M 16V
C324	230561	HCLK300JCA	CAPCC 30PF J 50V
C325	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C326	241929	CCZF1H473Z	CAP AXIAL .047MF Z 50V
C327	193586	CEXF1H109A	CAP LYTC 1UF 50V
C328	186999	CBZP1C103M	CAPCD .01UF M 16V
C330	186763	CEXF1C101A	CAP LYTC 100UF 16V
C331	178842	CEXF1H479A	CAP LYTC 4.7UF 50V
C332	187815	CCZF1H104Z	CAPCD .1UF Z 50V
C333	230584	HCLK101JCA	CAPCC 100PF J 50V
C351	195894	CEXF1A101A	CAP LYTC 100UF 10V
C352	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C353	187815	CCZF1H104Z	CAPCD .1UF Z 50V
C354	186999	CBZP1C103M	CAPCD .01UF M 16V
C355	193586	CEXF1H109A	CAP LYTC 1UF 50V
C357	238800	HCLK820JCA	CAPCC 82PF J 50V
C359	193586	CEXF1H109A	CAP LYTC 1UF 50V
C403	230584	HCLK101JCA	CAPCC 100PF J 50V
C404	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C405	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C406	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C407	229765	CEXE0J221S	CAP LYTC 220UF 6.3V
C408	193586	CEXF1H109A	CAP LYTC 1UF 50V
C409	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C410	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C411	230585	HCLK201JCA	CAPCC 200PF J 50V
C412	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C413	186999	CBZP1C103M	CAPCD .01UF M 16V
C458	241931	85801060TA	CAP WIRE COPPER 0.6X52MM
C501	186999	CBZP1C103M	CAPCD .01UF M 16V
C502	193585	CEXF1C470A	CAP LYTC 47UF 16V
C503	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C504	235528	HCBK222KCA	CAPCC 2200PF K 50V
C505	241851	HCLK271JCA	CAPCC 27PF J 50V
C506	230581	HCBK223KCA	CAPCC .22UF K 50V
C508	194557	CEXF1H100A	CAP LYTC 10UF 50V
C509	198559	CCZB1H102K	CAPCD 1000PF K 50V
C510	198559	CCZB1H102K	CAPCD 1000PF K 50V
C511	156245	CBZF1E223Z	CAPCD .022UF Z 25V
C512	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C513	230574	HCFK223ZCA	CAPCC .22UF Z 50V
C514	230580	HCBK102KCA	CAPCC 1000PF K 50V
C517	187815	CCZF1H104Z	CAPCD .1UF Z 50V
C520	195894	CEXF1A101A	CAP LYTC 100UF 10V
C551	230584	HCLK101JCA	CAPCC 100PF J 50V

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C552	230584	HCLK101JCA	CAPCC 100PF J 50V
C555	230580	HCBK102KCA	CAPCC 1000PF K 50V
C590	230584	HCLK101JCA	CAPCC 100PF J 50V
C601	186999	CBZP1C103M	CAPCD .01UF M 16V
C606	187815	CCZF1H104Z	CAPCD .1UF Z 50V
C607	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C608	193585	CEXF1C470A	CAP LYTC 47UF 16V
C609	186999	CBZP1C103M	CAPCD .01UF M 16V
C610	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C611	186999	CBZP1C103M	CAPCD .01UF M 16V
C612	230564	HCQK180JCA	CAPCC 18PF J 50V
C613	230564	HCQK180JCA	CAPCC 18PF J 50V
C614	241852	HCQK120JCA	CAPCC 12PF J 50V
C615	241852	HCQK120JCA	CAPCC 12PF J 50V
C616	194557	CEXF1H100A	CAP LYTC 10UF 50V
C618	189978	CEXF1C221V	CAP LYTC 220UF 16V
C619	186999	CBZP1C103M	CAPCD .01UF M 16V
C620	230794	CCZB1H101K	CAPCD 100PF K 50V
C649	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C659	230563	HCFK104ZCA	CAPCC .1UF Z 50V
C701	195894	CEXF1A101A	CAP LYTC 100UF 10V
C702	230567	HCFK103ZCA	CAPCC .01UF Z 50V
C704	186999	CBZP1C103M	CAPCD .01UF M 16V
C707	194557	CEXF1H100A	CAP LYTC 10UF 50V
C708	193585	CEXF1C470A	CAP LYTC 47UF 16V
C801	238918	CL1UE3104M	▲ CAPCD 1UF 275V
C804	240925	CH1CEE332M	▲ CAPCD 3300PF M 250V
C805	240925	CH1CEE332M	▲ CAPCD 3300PF M 250V
C806	235527	CEXF2E680V	▲ CAP LYTC 68UF 250V
C807	241932	CBXB3A331J	▲ CAPCD 33PF J 21KV
C808	241933	CMXL2G333K	▲ CAP MYLAR .033MF K 400V
C809	220548	HCBK472KCA	CAPCC 4700PF K 50V
C810	230575	HCFK473ZCA	CAPCC .047UF Z 50V
C811	241853	HCBK393KCA	CAPCC .039UF K 50V
C812	178842	CEXF1H479A	CAP LYTC 4.7UF 50V
C814	241934	CEXF1A102F	CAP LYTC 10000MF 10V
C815	241935	CEXF1C681F	CAP LYTC 680MF 16V
C817	195894	CEXF1A101F	CAP LYTC 100UF 10V
C818	236126	CEXF1E101V	CAP LYTC 100UF 25V
C819	238919	HCBK683KCA	CAPCC .068UF K 50V
C820	146276	CEXF1A471V	CAP LYTC 470UF 10V
C821	193585	CEXF1C470A	CAP LYTC 47UF 16V
C822	193043	CEXF1E470V	CAP LYTC 47UF 25V
C823	193043	CEXF1E470V	CAP LYTC 47UF 25V
C824	193043	CEXF1E470V	CAP LYTC 47UF 25V
C825	193043	CEXF1E470V	CAP LYTC 47UF 25V
C826	193585	CEXF1C470A	CAP LYTC 47UF 16V
C827	146276	CEXF1A471V	CAP LYTC 470UF 10V
C828	230783	CEXF1H470V	CAP LYTC 47UF 50V
C829	241936	CEXF1H220F	CAP LYTC 22MF 50V
C840	193586	CEXF1H109A	CAP LYTC 1UF 50V
CC01	193585	CEXF1C470A	CAP LYTC 47UF 16V
CC02	230567	HCFK103ZCA	CAPCC .01UF Z 50V

REPLACEMENT PARTS (Continued)

Symbol	Stock	Drawing	Description
CC03	187023	CBZR1C272M	CAPCD 2700PF 16V
CC04	187815	CCZF1H104Z	CAPCD .1UF Z 50V
CC06	242124	HCBK122KCA	CAPCC 1200PF K 50V
CC07	186999	CBZP1C103M	CAPCD .01UF M 16V
CC08	242137	CBXF1H104Z	CAPCD .1MF Z 50V
CC09	186999	CBZP1C103M	CAPCD .01UF M 16V
CC10	187815	CCZF1H104Z	CAPCD .1UF Z 50V
CC11	230580	HCBK102KCA	CAPCC 1000PF K 50V
CC12	230563	HCFK104ZCA	CAPCC .1UF Z 50V
CC13	230563	HCFK104ZCA	CAPCC .1UF Z 50V
CC14	193592	CEXF1H108A	CAP LYTC .1UF 50V
CC15	188603	CEXF1H228A	CAP LYTC .22MF 50V
CC16	230567	HCFK103ZCA	CAPCC .01UF Z 50V
CC17	184007	CXSL1H101J	CAPCD 100PF J 50V
CC18	184310	CCXF1H103Z	CAPCD .01UF Z 50V
CC19	230563	HCFK104ZCA	CAPCC .1UF Z 50V
CC20	242136	HCQK390JCA	CAPCC 39PF J 50V
CC21	152242	CEXF1H229A	CAP LYTC 2.2MF 50V
CC23	152242	CEXF1H229A	CAP LYTC 2.2MF 50V
CC24	193586	CEXF1H109A	CAP LYTC 1UF 50V
CC25	242137	CBXF1H104Z	CAPCD .1MF Z 50V
CC26	230563	HCFK104ZCA	CAPCC .1UF Z 50V
CS01	230564	HCQK180JCA	CAPCC 18PF J 50V
CS02	230564	HCQK180JCA	CAPCC 18PF J 50V
CS03	241854	HCQK270JCA	CAPCC 27PF J 50V
CS04	241854	HCQK270JCA	CAPCC 27PF J 50V
CS05	230584	HCLK101JCA	CAPCC 100PF J 50V
CS06	230567	HCFK103ZCA	CAPCC .01UF Z 50V
CS07	186367	CEXF1H478A	CAP LYTC .47UF 50V
CS08	178842	CEXF1H479A	CAP LYTC 4.7UF 50V
CS21	229765	CEXE0J221S	CAP LYTC 220UF 6.3V
D101	241855	DZUZ5R1BSB	DIODE ZENER
D103	241855	DZUZ5R1BSB	DIODE ZENER
D104	198589	DZN4148---	DIODE
D105	241855	DZUZ5R1BSB	DIODE ZENER
D106	198589	DZN4148---	DIODE
D205	198589	DZN4148---	DIODE
D401	198589	DZN4148---	DIODE
D402	241856	DZUZ3R9BSA	DIODE ZENER
D403	241856	DZUZ3R9BSA	DIODE ZENER
D501	198589	DZN4148---	DIODE
D502	198589	DZN4148---	DIODE
D601	241856	DZUZ3R9BSA	DIODE ZENER
D602	229685	DS1R481T--	DIODE LED
D602A	230554	97P2334200	HOLDER, LED
D603	241856	DZUZ3R9BSA	DIODE ZENER
D705	198589	DZN4148---	DIODE
D707	241855	DZUZ5R1BSB	DIODE ZENER
D708	241855	DZUZ5R1BSB	DIODE ZENER
D709	198589	DZN4148---	DIODE
D801	198599	DZN4004---	⚠ DIODE
D802	198599	DZN4004---	⚠ DIODE
D803	198599	DZN4004---	⚠ DIODE

Symbol	Stock	Drawing	Description
D804	198599	DZN4004---	⚠ DIODE
D805	232128	DZEG01C---	⚠ DIODE
D806	241874	DZRA15----	DIODE
D807	229113	DZUZ3R0BSB	DIODE ZENER
D808	198589	DZN4148---	DIODE
D811	241875	DSB360----	DIODE
D812	241857	DRGP20D---	DIODE
D813	240070	DRD16FB2--	⚠ DIODE ZENER
D814	241858	DZEU01Z---	DIODE
D815	198589	DZN4148---	DIODE
D816	198599	DZN4004---	DIODE
D817	241859	DZUZ9R1BSC	DIODE ZENER
D818	198589	DZN4148---	DIODE
D819	241860	DZUZ5R1BSC	DIODE ZENER
D820	198589	DZN4148---	DIODE
D824	241861	DZUZ33BSB-	DIODE ZENER
D826	241855	DZUZ5R1BSB	DIODE ZENER
DL701	241922	DSR5323V--	LED
DL702	241922	DSR5323V--	LED
DL704	241922	DSR5323V--	LED
DL705	238847	DSM5411H--	DIODE LED
F801	229662	5F1GB1521L	⚠ FUSE 1.5A 125
F801A	229723	97P460170P	CLIP, FUSE
F801B	229723	97P460170P	CLIP, FUSE
H701	241866	1TS0P1256X	IC
IC301	241868	1LA71012A-	IC
IC302	238805	1LC89962--	IC
IC401	241937	1LA70011--	IC
IC601	242792	147KK9ZMTS	IC
IC603	238808	124LC04B--	IC
IC604	207523	1K1A7033P-	IC
IC801	241872	183Z0N3131	⚠ IC
IC802	241876	1TL431AN--	⚠ IC
ICC01	242041	1AN3275SB-	IC
JK101	229694	97P6307500	JACK
JK701	241952	97P6314300	JACK
JP261	229680	RD-AZ101J-	RES CF 1/6W 5% 100R
L101	230828	5CPZ150K02	COIL 15UH
L102	241878	5CPX100J2T	COIL
L103	241879	5CPX688K2T	COIL
L152	241878	5CPX100J2T	COIL
L201	241880	5CPX101J2T	COIL
L301	230827	5CPZ560K02	COIL 56UH
L350	241878	5CPX100J2T	COIL
L401	241878	5CPX100J2T	COIL
L502	229732	5PB13857--	COIL
L503	229732	5PB13857--	COIL
L801	241881	5PLFSF2120	⚠ FILTER
L802	229732	5PB13857--	COIL
L803	229732	5PB13857--	COIL
L804	229697	56C220K686	COIL
L805	229697	56C220K686	COIL
LC01	241878	5CPX100J2T	COIL

REPLACEMENT PARTS (Continued)

Symbol	Stock	Drawing	Description
LC02	242139	5CPX470J2T	COIL
LH01	241882	97P2342900	HOLDER LED
LH02	241883	97P0472000	HOLDER COVER
LS01	241884	5CPX150J2T	COIL
M802	241885	97P0974300	PLATE
P201	241886	97P885X099	CONNECTOR
P401	241938	97P62Y0847	CONNECTOR
P501	235553	97P62T112A	CONNECTOR
P502	235554	97P62T1126	CONNECTOR
P601	235555	97P8810710	CONNECTOR & CABLE
P801	229704	97P62Y04X4	CONNECTOR
PT01	229698	97P6269000	CONNECTOR
PT02	242177	97P6268900	CONNECTOR
PW01	238849	PVPCSWN320	▲ CABLE, POWER
Q102	229733	TZTA1266Y-	TRANSISTOR
Q103	241888	TZRC104M--	TRANSISTOR
Q201	229736	TZTC3198Y-	TRANSISTOR
Q202	229736	TZTC3198Y-	TRANSISTOR
Q203	229733	TZTA1266Y-	TRANSISTOR
Q204	229735	TZTC3202Y-	TRANSISTOR
Q205	229736	TZTC3198Y-	TRANSISTOR
Q301	229736	TZTC3198Y-	TRANSISTOR
Q302	229736	TZTC3198Y-	TRANSISTOR
Q303	229736	TZTC3198Y-	TRANSISTOR
Q352	229733	TZTA1266Y-	TRANSISTOR
Q601	230843	TZTC3205Y-	TRANSISTOR
Q602	229734	TZTA1273Y-	TRANSISTOR
Q603	229734	TZTA1273Y-	TRANSISTOR
Q604	230843	TZTC3205Y-	TRANSISTOR
Q701	241889	TZRC101M--	TRANSISTOR
Q801	241890	TKSC5021FR	▲ TRANSISTOR
Q802	241891	TZTC3203Y-	▲ TRANSISTOR
Q803	229736	TZTC3198Y-	TRANSISTOR
Q804	230843	TZTC3205Y-	TRANSISTOR
Q805	230843	TZTC3205Y-	TRANSISTOR
Q806	230843	TZTC3205Y-	TRANSISTOR
QC01	229736	TZTC3198Y-	TRANSISTOR
QC02	229736	TZTC3198Y-	TRANSISTOR
R101	235733	RD-AZ750J-	RES CF 1/6W 5% 75R
R103	229681	RD-AZ102J-	RES CF 1/6W 5% 1K
R104	241892	HRFT680JCA	RES CCF 1/10W 5% 68R
R105	229681	RD-AZ102J-	RES CF 1/6W 5% 1K
R106	238923	HRFT564JCA	RES CCF 1/10W 5% 560K
R107	238924	HRFT914JCA	RES CCF 1/10W 5% 910K
R108	230598	HRFT272JCA	RES CCF 1/10W 5% 2.7K
R109	229747	RD-AZ122J-	RES CF 1/6W 5% 1.2K
R116	229680	RD-AZ101J-	RES CF 1/6W 5% 100R
R117	184056	RD-4Z471J-	RES CF 1/4W 5% 470R
R118	184056	RD-4Z471J-	RES CF 1/4W 5% 470R
R201	235594	HRFT224JCA	RES CCF 1/10W 5% 220K
R202	230592	HRFT473JCA	RES CCF 1/10W 5% 47K
R202	235577	HRFT363JCA	RES CCF 1/10W 5% 36K
R203	238813	HRFT225JCA	RES CCF 1/10W 5% 2.2M

Symbol	Stock	Drawing	Description
R204	184838	RD-AZ103J-	RES CF 1/6W 5% 10K
R205	239041	HRFT432JCA	RES CCF 1/10W 5% 4.3K
R205	241939	HRFT622JCA	RES CCF 1/10W 5% 6.2K
R206	230880	RD-AZ362J-	RES CF 1/6W 5% 3.6K
R207	238815	RD-AZ112G-	RES CF 1/6W 2% 1.1K
R208	230608	HRFT273JCA	RES CCF 1/10W 5% 27K
R209	238926	HRFT151JCA	RES CCF 1/10W 5% 150R
R209	238817	HRFT181JCA	RES CCF 1/10W 5% 180R
R210	230596	HRFT334JCA	RES CCF 1/10W 5% 330K
R211	230601	HRFT113JCA	RES CCF 1/10W 5% 11K
R212	230886	RD-AZ752J-	RES CF 1/6W 5% 7.5K
R212	230869	RD-AZ682J-	RES CF 1/6W 5% 6.8K
R213	235580	HRFT123JCA	RES CCF 1/10W 5% 12K
R214	235579	HRFT561JCA	RES CCF 1/10W 5% 560R
R215	238818	RD-AZ470J-	RES CF 1/6W 5% 47R
R216	230603	HRFT102JCA	RES CCF 1/10W 5% 1K
R217	238925	HRFT229JCA	RES CCF 1/10W 5% 22.R
R218	238925	HRFT229JCA	RES CCF 1/10W 5% 22.R
R219	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R220	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R221	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R222	230624	HRFT223JCA	RES CCF 1/10W 5% 22K
R223	230857	RD-AZ333J-	RES CF 1/6W 5% 33K
R224	238827	RD-AZ242J-	RES CF 1/6W 5% 2.4K
R224	184838	RD-AZ103J-	RES CF 1/6W 5% 10K
R225	230603	HRFT102JCA	RES CCF 1/10W 5% 1K
R225	230625	HRFT911JCA	RES CCF 1/10W 5% 910R
R226	184844	RD-AZ222J-	RES CF 1/6W 5% 2.2K
R226	230852	RD-AZ152J-	RES CF 1/6W 5% 1.5K
R227	230892	RD-AZ224J-	RES CF 1/6W 5% 220K
R228	230894	RD-AZ363J-	RES CF 1/6W 5% 36K
R260	231850	HRFT000-CA	RES CCF 1/10W 5% 0R
R262	231850	HRFT000-CA	RES CCF 1/10W 5% 0R
R264	241931	85801060TA	CAP WIRE COPPER 0.6X52MM
R301	230613	HRFT822JCA	RES CCF 1/10W 5% 8.2K
R302	230606	HRFT182JCA	RES CCF 1/10W 5% 1.8K
R303	230603	HRFT102JCA	RES CCF 1/10W 5% 1K
R304	230606	HRFT182JCA	RES CCF 1/10W 5% 1.8K
R305	230857	RD-AZ333J-	RES CF 1/6W 5% 33K
R307	238928	HRFT155JCA	RES CCF 1/10W 5% 1.5M
R308	229747	RD-AZ122J-	RES CF 1/6W 5% 1.2K
R309	240933	RD-AZ182J-	RES CF 1/6W 5% 1.8K
R310	230599	HRFT472JCA	RES CCF 1/10W 5% 4.7K
R311	229752	RD-AZ471J-	RES CF 1/6W 5% 470R
R312	230625	HRFT911JCA	RES CCF 1/10W 5% 910R
R313	229752	RD-AZ471J-	RES CF 1/6W 5% 470R
R317	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R319	230614	HRFT222JCA	RES CCF 1/10W 5% 2.2K
R320	230621	HRFT201JCA	RES CCF 1/10W 5% 200R
R353	184844	RD-AZ222J-	RES CF 1/6W 5% 2.2K
R355	241940	RD-AZ824J-	RES CF 1/6W 5% 820K
R381	230603	HRFT102JCA	RES CCF 1/10W 5% 1K
R382	230603	HRFT102JCA	RES CCF 1/10W 5% 1K

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R384	229759	RD-AZ474J-	RES CF 1/6W 5% 470K	R628	230590	HRFT104JCA	RES CCF 1/10W 5% 100K
R401	230384	RD-AZ753J-	RES CF 1/6W 5% 75K	R629	184838	RD-AZ103J-	RES CF 1/6W 5% 10K
R402	230616	HRFT823JCA	RES CCF 1/10W 5% 82K	R630	229681	RD-AZ102J-	RES CF 1/6W 5% 1K
R403	195370	RD-AZ104J-	RES CF 1/6W 5% 100K	R634	230592	HRFT473JCA	RES CCF 1/10W 5% 47K
R404	238930	HRFT751JCA	RES CCF 1/10W 5% 750R	R635	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R405	241896	HRFT271JCA	RES CCF 1/10W 5% 270R	R636	238826	HRFT393JCA	RERS CCF 1/10W 5% 39K
R406	230611	HRFT162JCA	RES CCF 1/10W 5% 1.6K	R637	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R407	230618	HRFT471JCA	RES CCF 1/10W 5% 470R	R638	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R408	229752	RD-AZ471J-	RES CF 1/6W 5% 470R	R639	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R470	230624	HRFT223JCA	RES CCF 1/10W 5% 22K	R640	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
R501	241896	HRFT271JCA	RES CCF 1/10W 5% 270R	R650	235572	RD-AZ271J-	RES CF 1/6W 5% 270R
R501	242140	HRFT131JCA	RES 1/10W 5% 130R	R651	230620	HRFT511JCA	RES CCF 1/10W 5% 510R
R502	242140	HRFT131JCA	RES 1/10W 5% 130R	R652	230594	HRFT121JCA	RES CCF 1/10W 5% 120R
R502	241896	HRFT271JCA	RES CCF 1/10W 5% 270R	R653	241896	HRFT271JCA	RES CCF 1/10W 5% 270R
R503	238924	HRFT914JCA	RES CCF 1/10W 5% 910K	R654	230594	HRFT121JCA	RES CCF 1/10W 5% 120R
R504	230596	HRFT334JCA	RES CCF 1/10W 5% 330K	R655	229755	RD-AZ511J-	RES CF 1/6W 5% 510R
R505	230618	HRFT471JCA	RES CCF 1/10W 5% 470R	R656	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R506	229759	RD-AZ474J-	RES CF 1/6W 5% 470K	R657	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R507	230603	HRFT102JCA	RES CCF 1/10W 5% 1K	R658	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R508	230591	HRFT103JCA	RES CCF 1/10W 5% 10K	R659	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R509	230591	HRFT103JCA	RES CCF 1/10W 5% 10K	R670	230599	HRFT472JCA	RES CCF 1/10W 5% 4.7K
R511	230591	HRFT103JCA	RES CCF 1/10W 5% 10K	R671	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R512	184838	RD-AZ103J-	RES CF 1/6W 5% 10K	R672	230603	HRFT102JCA	RES CCF 1/10W 5% 1K
R513	229679	RD-AZ473J-	RES CF 1/6W 5% 47K	R673	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R514	230591	HRFT103JCA	RES CCF 1/10W 5% 10K	R674	235571	RD-AZ201J-	RES CF 1/6W 5% 200R
R515	230861	RD-AZ622J-	RES CF 1/6W 5% 6.2K	R675	230903	RD-AZ472J-	RES CF 1/6W 5% 4.7K
R516	240933	RD-AZ182J-	RES CF 1/6W 5% 1.8K	R676	229681	RD-AZ102J-	RES CF 1/6W 5% 1K
R517	230606	HRFT182JCA	RES CCF 1/10W 5% 1.8K	R677	229752	RD-AZ471J-	RES CF 1/6W 5% 470R
R518	230592	HRFT473JCA	RES CCF 1/10W 5% 47K	R680	230589	HRFT101JCA	RES CCF 1/10W 5% 100R
R519	184838	RD-AZ103J-	RES CF 1/6W 5% 10K	R701	180356	RD-AZ331J-	RES CF 1/6W 5% 330R
R520	184838	RD-AZ103J-	RES CF 1/6W 5% 10K	R702	180356	RD-AZ331J-	RES CF 1/6W 5% 330R
R521	230607	HRFT332JCA	RES CCF 1/10W 5% 3.3K	R703	180356	RD-AZ331J-	RES CF 1/6W 5% 330R
R522	230602	HRFT153JCA	RES CCF 1/10W 5% 15K	R705	229750	RD-AZ202J-	RES CF 1/6W 5% 2K
R530	230603	HRFT102JCA	RES CCF 1/10W 5% 1K	R706	229753	RD-AZ821J-	RES CF 1/6W 5% 820R
R595	229739	RV5426104M	RES SEMI FIXED	R707	229750	RD-AZ202J-	RES CF 1/6W 5% 2K
R601	229760	RD-AZ273J-	RES CF 1/6W 5% 27K	R708	229750	RD-AZ202J-	RES CF 1/6W 5% 2K
R602	238824	HRFT221JCA	RES CCF 1/10W 5% 220R	R713	229750	RD-AZ202J-	RES CF 1/6W 5% 2K
R603	229760	RD-AZ273J-	RES CF 1/6W 5% 27K	R714	229753	RD-AZ821J-	RES CF 1/6W 5% 820R
R604	229757	RD-AZ221J-	RES CF 1/6W 5% 220R	R715	230903	RD-AZ472J-	RES CF 1/6W 5% 4.7K
R605	241941	RD-AZ304J-	RES CF 1/6W 5% 300K	R716	229748	RD-AZ272J-	RES CF 1/6W 5% 2.7K
R606	238825	HRFT304JCA	RES CCF 1/10W 5% 30K	R722	229757	RD-AZ221J-	RES CF 1/6W 5% 220R
R607	183148	RD-AZ301J-	RES CF 1/6W 5% 300R	R730	235733	RD-AZ750J-	RES CF 1/6W 5% 75R
R608	183148	RD-AZ301J-	RES CF 1/6W 5% 300R	R801	181986	RD-2Z335J-	⚠ RES CF 1/2W 5% 3.3M
R609	184838	RD-AZ103J-	RES CF 1/6W 5% 10K	R802	242235	RD-4Z104J-	⚠ RES CF 1/4W 5% 100K
R610	184838	RD-AZ103J-	RES CF 1/6W 5% 10K	R803	242235	RD-4Z104J-	⚠ RES CF 1/4W 5% 100K
R612	229681	RD-AZ102J-	RES CF 1/6W 5% 1K	R804	184838	RD-AZ103J-	RES CF 1/6W 5% 10K
R613	230603	HRFT102JCA	RES CCF 1/10W 5% 1K	R805	241942	RS02F473JS	⚠ RES MF 2W 5% 47K
R615	230599	HRFT472JCA	RES CCF 1/10W 5% 4.7K	R806	178830	RD-2B560JS	⚠ RES MF 1/2W 5% 56R
R617	230599	HRFT472JCA	RES CCF 1/10W 5% 4.7K	R807	178830	RD-2B560JS	⚠ RES MF 1/2W 5% 56R
R623	230591	HRFT103JCA	RES CCF 1/10W 5% 10K	R808	238927	RD-AZ681J-	RES CF 1/6W 5% 680R
R624	230591	HRFT103JCA	RES CCF 1/10W 5% 10K	R810	184838	RD-AZ103J-	RES CF 1/6W 5% 10K
R626	230600	HRFT105JCA	RES CCF 1/10W 5% 1M	R811	242236	RD-4Z100J-	⚠ RES CF 1/4W 5% 10R
R627	241898	HRFT106JCA	RES CCF 1/10W 5% 10M	R812	238818	RD-AZ470J-	⚠ RES CF 1/6W 5% 47R

REPLACEMENT PARTS (Continued)

Symbol	Stock	Drawing	Description
R813	187909	RD-AZ182G-	⚠ RES CF 1/6W 2% 1.8K
R814	241945	RD-AZ470G-	⚠ RES CF 1/6W 5% 47R
R815	241946	RD-AZ132G-	⚠ RES CF 1/6W 5% 1.3K
R817	242793	RD-4Z123J-	RES CCF 1/4W 5% 12K
R818	242793	RD-4Z123J-	RES CCF 1/4W 5% 12K
R819	229755	RD-AZ511J-	RES CF 1/6W 5% 510R
R820	229755	RD-AZ511J-	RES CF 1/6W 5% 510R
R821	229748	RD-AZ272J-	RES CF 1/6W 5% 2.7K
R822	238828	RS01Y100J-	⚠ RES MF 1W 5% 10R
RC01	239041	HRFT432JCA	RES CCF 1/10W 5% 4.3K
RC02	232048	HRFT112JCA	RES CCF 1/10W 5% 1.1K
RC03	230903	RD-AZ472J-	RES CF 1/6W 5% 4.7K
RC04	229750	RD-AZ202J-	RES CF 1/6W 5% 2K
RC05	242142	RD-AZ432J-	RES CF 1/6W 5% 4.3K
RC06	230903	RD-AZ472J-	RES CF 1/6W 5% 4.7K
RC07	230903	RD-AZ472J-	RES CF 1/6W 5% 4.7K
RC08	230903	RD-AZ472J-	RES CF 1/6W 5% 4.7K
RC09	238826	HRFT393JCA	RERS CCF 1/10W 5% 39K
RC10	229679	RD-AZ473J-	RES CF 1/6W 5% 47K
RC11	230589	HRFT101JCA	RES CCF 1/10W 5% 100R
RC12	230591	HRFT103JCA	RES CCF 1/10W 5% 10K
RC13	230903	RD-AZ472J-	RES CF 1/6W 5% 4.7K
RC14	242143	RD-AZ241J-	RES CF 1/6W 5% 240R
RC17	242145	RD-AZ751J-	RES CF 1/6W 5% 750R
RC21	230592	HRFT473JCA	RES CCF 1/10W 5% 47K
RC22	230592	HRFT473JCA	RES CCF 1/10W 5% 47K
RC25	230603	HRFT102JCA	RES CCF 1/10W 5% 1K
RC27	230617	HRFT391JCA	RES CCF 1/10W 5% 390R
RS01	230603	HRFT102JCA	RES CCF 1/10W 5% 1K
RS02	230606	HRFT182JCA	RES CCF 1/10W 5% 1.8K
RS08	230600	HRFT105JCA	RES CCF 1/10W 5% 1M
S601	241900	97P0S01900	REEL, SENSOR
S602	241900	97P0S01900	REEL, SENSOR
S603	235585	TST5811---	TRANSISTOR
S603A	241901	97P2343500	HOLDER TRANSISTOR
S604	235585	TST5811---	TRANSISTOR
S604A	241901	97P2343500	HOLDER TRANSISTOR
SW101	241902	5S30102118	SWITCH
SW601	229709	5S70101059	SWITCH
SW701	238830	5S50101Z97	SWITCH
SW702	238830	5S50101Z97	SWITCH
SW703	238830	5S50101Z97	SWITCH
SW704	238830	5S50101Z97	SWITCH
SW705	238830	5S50101Z97	SWITCH
SW706	238830	5S50101Z97	SWITCH
SW707	238830	5S50101Z97	SWITCH
SW708	238830	5S50101Z97	SWITCH
T201	238831	560202L692	COIL
T801	241947	57M8282201	⚠ TRANSFORMER
VA801	230560	DSVC471D14	⚠
VA802	230560	DSVC471D14	⚠ VARISTOR
X301	238832	5XE3R579TB	CRYSTAL
X601	241903	5XJ10R00UC	CRYSTAL

Symbol	Stock	Drawing	Description
X602	229714	5XZR03276G	CRYSTAL
XS01	241904	5XJ14R31UE	CRYSTAL
INCLUDED ACCESSORIES			
D002	241906	97P880RN10	CABLE, RF
D100	239040	97P1R2HA00	TRANSMITTER, REMOTE
MECHANICAL ASY			
A001		97P0610012	CHASSIS MAIN NON-STOCK PART
A0011	230531	97P0800600	FOOT
A006		97P9355301	LABEL SERVICE NON-STOCK PART
A0100		97SA309700	MAIN BASE ASY NON-STOCK PART
A014	238840	97P2444700	BRACKET
A0200	235602	97S0901400	PLATE
A0300	235603	97S2701800	RACK, FL
A040	238841	97P0466702	COVER, TOP
A0400	235604	97SA310900	POLE, S SLANT
A041	235635	7173401212	SCREW, 4MMD X 12MM
A0500	235605	97SA311000	POLE, SLANT T
A060	238838	97P0466800	COVER, BOTTOM
A0600	235606	97SA308500	ARM, LOADING ASY (L)
A061	238839	7174301211	SCREW, 3MMD X 12MM
A0700	235607	97SA308600	ARM, LOADING ASY (R)
A0800	235608	97SA308400	RACK, LOADING ASY
A090	231840	97P4602700	CLAMP, CORD
A0900	235609	97S3101800	WASHER
A1000	235610	97S8100700	MOTOR, CAPSTAN
A1100	235611	7178260611	SCREW, 2.6MMD X 6MM
A1200	235612	97S3004000	SPRING
A1300	235613	97SA311200	HEAD, AC ASY
A1400	235614	7391300211	NUT
A1500	235615	97S2604100	RELAY LEVER
A1600	235616	97S2701400	GEAR CAM
A1700	235617	97SA310700	LEVER, PINCH ASY
A1800	235618	97S3117300	WASHER
A1900	235619	97SA310400	BLOCK, LOADING MOTOR W/MODE SW
A2000	229660	7274300611	SCREW, 3MMD X 6MM
A2100	235620	97SA311600	PLATE, WIDLER ASY
A2200	229769	97S3108200	WASHER
A2300	235621	97S2901600	REEL, TABLE
A2400	230546	97S3903600	SLIDER
A2500	235622	97SA310800	BAND, TENSION
A2600	235623	97S3003500	SPRING, TENSION
A2700	235624	97SA309300	BRAKE, SUB (S)
A2800	235625	97SA309400	BRAKE, SUB (T)
A2900	235626	97SA309100	BRAKE, MAIN (S)
A3000	235626	97SA309200	BRAKE, MAIN (T)
A3100	235628	97S8012900	HEAD, FULL ERASE
A3200	229677	7171261011	SCREW, 2.6MMD X 10MM
A3300	235629	97SA309000	CLUTCH, GEAR REEL ASY
A3400	229769	97S3108200	WASHER

REPLACEMENT PARTS (Continued)

Symbol	Stock	Drawing	Description
A3500	235630	97S5500400	BELT, REEL
A3600	235631	97S2603500	LEVER, RECORD SAFETY
A3700	235632	97SB381100	BRACKET
A3800	229773	7274301011	SCREW, 3MMD X 10MM
A3900	229772	7274301211	SCREW, 3MMD X 12MM
A4000	229660	7274300611	SCREW, 3MMD X 6MM
A4100	242086	97S2604200	PRISM, TAPE END LED
A5000	238957	97S0902000	PLATE
A5100	236105	97S2400900	BRACKET
A5200	236106	97SA311400	HOLDER
A5300	236107	97SA311500	LEVER, LOADING ASY
A5400	231838	97S2602200	LENS, TAPE END SENSOR (L)
A5500	231839	97S2602100	LENS, TAPE END SENSOR (R)
A5700	236108	97S1800400	BRACKET, DOOR OPENER
A5800	229674	7278260611	SCREW, 2.6MMD X 6MM
A5900	229663	7278300611	SCREW, 3MMD X 6MM
AD001		97PA251801	DRUM ASY, NON-STOCK PART
AF001	235601	97SA251400	HOLDER, CASSETTE ASY
AM001		97SA252100	DECK ASY NON-STOCK PART
B0020	236109	97S1401700	BASE, DRUM
B0030	231744	7051300811	SCREW, 3MMD X 8MM
B0040	231845	97SA304100	HEAD, HEADWHEEL & MOTOR ASY
B005	242147	97P1821102	DOOR, F/L
B0050	241905	97SA312000	MOTOR, LOWER ASY
B006	238844	97P3033600	SPRING, CASSETTE DOOR
B0060	231745	7001261011	SCREW. 2/6MM X 10MMD
B0070	231746	7051260811	SCREW, 2.6MMD X 8MM
B0090	236112	97S3100100	WASHER
B1900		97S2400700	BRKT L/C NON-STOCK PART
B1910	236113	97SA409200	MOTOR, L/C
B1920	236452	97P6538222	CIRCUIT, LOADING
B1930	236114	97P6271500	CONNECTOR
B1940	236115	5SSF1DKM10	SWITCH
B1960	236116	97S2901500	GEAR
B5200		97SA410100	HOLDER ASY NON-STOCK PART
B5210		97S2601500	LEVER SAFETY NON-STOCK PART
B5220	238862	97S3001800	SPRING
B5230		97S2605400	LEVER RELEASE NON-STOCK PART
B5240	238863	97S3004700	SPRING
B5250		97S2605500	LEVER SAFETY NON-STOCK PART
B5260	238837	97S3101600	WASHER
B5330	236117	97S3004800	SPRING
B5340	236118	97S3004900	SPRING
M01	242146	97PP31921B	PANEL, FRONT ASY
M01		PVDKASN280	DECK TOTAL ASY NON-STOCK PART
M011	229655	7173401211	SCREW, 4MMD X 12MM
M022	238839	7174301211	SCREW, 3MMD X 12MM

SERVICING AIDS

Symbol	Stock	Drawing	Description
ADA	144386	VFK0134	● ADAPTER, TORQUE GAUGE USE W/GAUGE MODEL NO. 600ATG
CAB	238992	97PB400100	● CABLE, EXT (1)
CAB	238993	97PB400200	● CABLE, EXT (2)
CAB	238994	97PB400300	● CABLE, EXT (3)
CAB	230747	97PD103500	● CABLE, EXT FOR MF MECHA CONNECTING
CHU	146918	VFK0180	● CHUCK, FOR 144396 GAUGE (MODEL 600ATG ONLY)
DRI	147002	7099002	● DRIVER, HEX KEY 1.5MM
DRI	144401	911-8 SET	● DRIVER, HEX KEY KIT CONTAINS 0.77MM HEX KEY DRIVER
DRI	146917	D-29	● DRIVER, RF ADJ TOOL
FIX	230748	97PB396000	● FIXTURE, PATH ADJ
GAU	144396	VFK0133	● GAUGE, TORQUE W/ADAPTER
JIG	147001	7099001	● JIG, REEL TABLE HEIGHT
MET	156391	7099111	● METER, BACK TENSION TEST TAPE
PLA	184949	7099003	● PLATE, HEIGHT REFERENCE
SCR	153829	7099059	● SCREWDRIVER, JEWELER 0.8MMD SHAFT
TAP	156504	7099108	● TAPE, MONOSCOPE/7KHZ (MONO)
TAP	192847	7099109	● TAPE, COLOR BARS/1KHZ (MONO)
TAP	156501	7099108	● TAPE, KIT OF 3 (MONOSCOPE, COLOR BARS & MULTIBURST
TAP	156502	7099110	● TAPE, MULTIBURST/3KHZ (STEREO)
WAS	144297	XWXV3D54	● WASHER, 3.2MM ID .5MM THICK REEL HEIGHT ADJUST 10/PKG
WAS	152460	XWXV3A6	● WASHER, 3.2MM ID .25MM THICK REEL HEIGHT ADJUST 5/PKG

SERVICING MATERIALS

GRE	147347	7099011	● GREASE, VCR MECHANISM
KIT	199076	0000000	● KIT, INCLUDES ALL LUBES & CLEANING MATERIALS
OIL	147468	7099012	● OIL, VCR MECHANISM
TIP	194359	756PR198	● TIP, USED WITH SOLDER CREAM APPLICATOR, 2 PKGS
WIP	145871	3415	● WIPES, 5 X 8 1/2 INCH