

TOSHIBA

FILE NO. 023-200213

SERVICE MANUAL

COLOR TELEVISION

N2PS Chassis

32HF72, 32HFX72

(TAC0233) (TAC0232)

– SUMMARY –

32HF72, 32HFX72 are the same as 36HFX72 except for the parts tabled on back of this sheet. Use this service manual together with the service manual of 36HFX72, 36HF72 (File No. 020-200206).

REPLACEMENT PARTS LIST DIFFERENCES

Location No.	Part No.	Description
A201	23530371	Front Cover (32HF72)
A201	23530372	Front Cover (32HFX72)
A213	23428095	Door (32HF72)
A225	23445611	Button, Power (32HF72)
A225	23445612	Button, Power (32HFX72)
A411	23540031	Back Cover
A701	23064255	Carton (32HF72)
A701	23064254	Carton (32HFX72)
A703	23946056	Packing, Top
A708	23946057	Packing, Bottom
C312	24591103	PF, 0.01 μ F
C443	24503198	CF92T3Q682HA
C444	24503198	CF92T3Q682HA
C465	24503269	CF92T3B912HA
C467	24503269	CF92T3B912HA
C469	24503269	CF92T3B912HA
C491	24503284	CF92T2G224JA
C492	24503284	CF92T2G224JA
C497	24829333	PF, 0.033 μ F, 400V
C673	24669100	EL, 10 μ F, \pm 20%, 50V (32HF72)
C674	24590821	PF, 820pF (32HF72)
C675	24590821	PF, 820pF (32HF72)
C678	24669100	EL, 10 μ F, \pm 20%, 50V (32HF72)
C4641	24503149	CF92M2E335KA
CD10	24794470	EL, 47 μ F, \pm 20%, 16V (32HF72)
CD19	24567333	PF, 0.033 μ F (32HF72)
CD20	24567823	PF, 0.082 μ F (32HF72)
CD21	24567683	PF, 0.068 μ F (32HF72)
CD25	24567474	PF, 0.47 μ F (32HF72)
CD41	24797479	EL, 4.7 μ F, \pm 20%, 50V (32HF72)
CD42	24797479	EL, 4.7 μ F, \pm 20%, 50V (32HF72)
CD43	24797479	EL, 4.7 μ F, \pm 20%, 50V (32HF72)
CD44	24797479	EL, 4.7 μ F, \pm 20%, 50V (32HF72)
CD45	24503041	PF, 0.1 μ F, 63V (32HF72)
CD46	24567103	PF, 0.01 μ F (32HF72)
CD47	24797478	EL, 0.47 μ F, \pm 20%, 50V (32HF72)
CD48	24590472	PF, 4700pF (32HF72)
CD49	24797478	EL, 0.47 μ F, \pm 20%, 50V (32HF72)
CD60	24503041	PF, 0.1 μ F, 63V (32HF72)
CD61	24763221	EL, 220 μ F, \pm 20%, 16V (32HF72)
CD62	24232103	CD, 0.01 μ F, +80%, -20% (32HF72)
CD63	24762102	EL, 1000 μ F, \pm 20%, 10V (32HF72)
CD64	24797479	EL, 4.7 μ F, \pm 20%, 50V (32HF72)
CD65	24797100	EL, 10 μ F, \pm 20%, 50V (32HF72)
CD66	24797100	EL, 10 μ F, \pm 20%, 50V (32HF72)
CS125	24590393	PF, 0.039 μ F (32HF72)
K912	23306414	Remote Hand Unit, CT-90087 (32HF72)
△L461	23248167	Coil, Choke, TLN3327AD
L901	23200455	Coil, Degaussing, TSB-2412AT
QD41	23000189	IC, TA2136N (32HF72)
R218	24367333	CF, 33k ohm, \pm 2%

Location No.	Part No.	Description
R601	24011822	Chip, 8200 ohm, 1/20W (32HF72)
R602	24011822	Chip, 8200 ohm, 1/20W (32HF72)
R663	24011822	Chip, 8200 ohm, 1/20W (32HF72)
R664	24011822	Chip, 8200 ohm, 1/20W (32HF72)
R674	24011683	Chip, 68k ohm, 1/20W (32HF72)
R675	24011683	Chip, 68k ohm, 1/20W (32HF72)
R690	24011392	Chip, 3900 ohm, 1/20W (32HF72)
R691	24011392	Chip, 3900 ohm, 1/20W (32HF72)
RD01	24366102	CF, 1k ohm (32HF72)
RD02	24366223	CF, 22k ohm (32HF72)
RD10	24366472	CF, 4700 ohm (32HF72)
RD11	24366332	CF, 3300 ohm (32HF72)
RD18	24366223	CF, 22k ohm (32HF72)
RD19	24366102	CF, 1k ohm (32HF72)
RD41	24366102	CF, 1k ohm (32HF72)
RD42	24366432	CF, 4300 ohm (32HF72)
RD43	24366114	CF, 110k ohm (32HF72)
RD44	24366132	CF, 1300 ohm (32HF72)
RD45	24366473	CF, 47k ohm (32HF72)
RD46	24366513	CF, 51k ohm (32HF72)
RD47	24366392	CF, 3900 ohm (32HF72)
RD63	24366103	CF, 10k ohm (32HF72)
RD64	24366103	CF, 10k ohm (32HF72)
RD65	24366122	CF, 1200 ohm (32HF72)
RD66	24366821	CF, 820 ohm (32HF72)
RD67	24366152	CF, 1500 ohm (32HF72)
RD68	24366681	CF, 680 ohm (32HF72)
RD69	24366101	CF, 100 ohm (32HF72)
RD70	24366105	CF, 1M ohm (32HF72)
RD71	24366101	CF, 100 ohm (32HF72)
RD72	24366105	CF, 1M ohm (32HF72)
RS124	24011152	Chip, 1500 ohm, 1/20W (32HF72)
RS125	24011562	Chip, 5600 ohm, 1/20W (32HF72)
△T461	23236722	Transformer, Flyback, TFB4180AH
* U801	23787493	POWER/DEF Board, PD0159D
* U803	23787494	LOW B Board, PB9567D
* U902	23787492	SIGNAL Board, PD0650B (32HF72)
* UD01	23787893	SRS-3D Board, PD0644B (32HF72)
△V901	23312987	Picture Tube, A80AJZ90X31
Y101	23565661	Owner's Manual, English/French, 32HF72

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