

PRELIMINARY SERVICE DATA G08-003/004 X-Y COLOR MONITOR

FILE WITH FUTURE G08 SERVICE MANUAL

ELECTROHOME ELECTRONICS
ELECTROHOME Limited
KITCHENER, ONTARIO, CANADA N2G 4J6

ZZ-732405-01
Video Display 1982-1

SERVICE REPLACEMENT PARTS LIST

**03-170003-03 COMPLETE SERVICE EHT
PCB INCL:**

02-170002-02
02-170016-01

**03-170027-03 COMPLETE SERVICE DEFL.
PCB INCL:**

Hor. Current Limiter
Vert. Current Limiter
Defl. PCB
CRT PCB

02-170020-01
02-170020-02
02-170005-02
02-170006-01

**EHT SUPPLY ASS'Y G08-003 02-170002-02
SEMICONDUCTORS**

SYMBOL	DESCRIPTION	ELECTROHOME PART NO.
1C900	EHT Control Circuit	14-002155-01
ZD903	Zener Diode	14-000515-44
ZD904	Zener Diode	14-000515-44
D901	Rectifier 1A. 1400V	28-000022-25
Q901	Transistor 3906	14-000873-32
Q902	Transistor MPSU07 (Motorola)	14-000935-12
Q903	Transistor 3904	14-004567-01

TRANSFORMERS

T900	Horiz. Buffer Trans.	24-170001-07
T901	Horiz. Output Trans.	21-000258-01

CAPACITORS

C900	Electrolytic 4U7 16V	44-647531-21
C902	Capacitor .22uF 50V	49-000032-01
C903	Ceramic Capacitor 2N 50V	49-000032-07
C904	Electrolytic 22uF 16V	44-422003-21

EHT SUPPLY ASS'Y G08-003 02-170002-02 CONT'D**RESISTORS**

SYMBOL	DESCRIPTION	ELECTROHOME PART NO.
C906	Capacitor 100NF 100V	48-171041-22
C907	Capacitor 22N 100V	48-172231-22
C911	Electrolytic 100uF 16V	44-610134-24
C912	Capacitor 100NF 100V	48-171041-22
C914	High Current Capacitor	49-000019-06
C915	High Current Capacitor	49-000019-06
C916	Capacitor 47uF 160V	44-347009-08
C918	Capacitor 47NF 100V	48-174731-02
R900	10K .25W 5%	40-121035-31
R901	10K .25 5%	40-121035-31
R902	47K .25W 5%	40-124735-31
R904	150K .25W 5%	40-121545-31
R905	12K .25W 5%	40-121235-31
R906	10K .25W 5%	40-121035-31
R907	4K7 .25W 5%	40-124725-31
R910	470K .5W 5%	40-224745-31
R914	1K2 .25W 5%	40-121225-31
R915	12K .25W 5%	40-121235-31
R916	150K .25W 5%	40-121545-31
R917	20OR Control	41-000331-10
R918	2K Control	41-000331-06
R923	27OR .25W 5%	40-122715-31
R924	47OR .25W 5%	40-124715-31
R925	24R .5W 5%	40-222405-31
R927	33R .25W 5%	40-123305-31
R930	68R .25W 5%	40-126805-31
R932	68R 1W 10%	40-526881-01
R933	47OK Control	41-000331-24
R934	150K .25W 5%	40-121545-31
R935	33K .25W 5%	40-123335-31
R936	27OK .25W 5%	40-122745-31
R937	4M7 .5W 5%	40-224755-31
R938	4K7 .25W 5%	40-124725-31
R939	4K7 .25W 5%	40-124725-31
R940	33OR .5W 10%	40-223311-31
R941	47R 1W 5%	40-424705-31
R942	5K6 .25W 5%	40-125625-31

EHT SUPPLY ASS'Y KIT 05-170004-01

Q900	PWR Transistor 5A. 1400V	14-000601-30
R922	Focus Control	41-000342-01

EHT REGULATOR ASS'Y 02-170016-01**SEMI CONDUCTORS**

SYMBOL	DESCRIPTION	ELECTROHOME PART NO.
Q320	2N 6558	14-951-12
Q321	2N 6558	14-951-12
Q322	TIP 47 (Motorola)	14-970-23
Q323	2N 6558	14-951-12
ZD340	1N 5263	14-515-84

CAPACITOR

C330	68PF	46-568011-01
C331	470PF	46-547111-01

RESISTOR

R300	22K 1W 5%	40-422231-11
R301	68K .5W 5%	40-226831-31
R302	27K 1W 5%	40-422731-11
R304	47K .5W 5%	40-224731-31
R305	33OR .25W 5%	40-123315-31
R306	3R3 .5W 5%	40-223391-31
R307	36K .25W 5%	40-123635-31
R308	47K .25W 5%	40-124735-31
R310	10K Control	41-000265-03

03-170021-01 INPUT CLAMP ASS'Y**SEMICONDUCTORS**

SYMBOL	DESCRIPTION	ELECTROHOME PART NO.
D800	IN914	14-000514-42
D801	IN914	14-000514-42
D802	IN914	14-000514-42
D803	IN914	14-000514-42
D804	IN914	14-000514-42
D805	IN914	14-000514-42
D806	IN914	14-000514-42
D808	IN914	14-000514-42
Q800	2N3904	14-004567-01
Q802	2N3904	14-004567-01
Q803	2N3906	14-000873-32
Q801	2N3906	14-000873-32

RESISTORS

R809	1K .25W 5%	40-121025-31
R800	10K .25W 5%	40-121035-31
R803	10K .25W 5%	40-121035-31
R804	10K .25W 5%	40-121035-31
R807	10K .25W 5%	40-121035-31
R801	4K7 .25W 5%	40-124725-31
R802	4K7 .25W 5%	40-124725-31
R805	4K7 .25W 5%	40-124725-31
R806	4K7 .25W 5%	40-124725-31

CAPACITORS

C800	10 μ F 16V	44-310003-02
C801	10 μ F 16V	44-310003-02
C802	10 μ F 16V	44-310003-02
C803	10 μ F 16V	44-310003-02

DEFLECTION AMP PCB ASS'Y 02-170005-02**SEMICONDUCTORS**

SYMBOL	DESCRIPTION	ELECTROHOME PART NO.
IC600	Input Amplifier	14-002156-01
D400	Rectifier IN5204	28-000022-44
D401	Rectifier IN5204	28-000022-44
D402	Rectifier IN5204	28-000022-44
D403	Rectifier IN5204	28-000022-44
D404	Rectifier 1A 200V	28-000022-28
D405	Rectifier 1A 200V	28-000022-28
D406	Rectifier 1A 200V	28-000022-28
D407	Rectifier 1A 200V	28-000022-28
D408	Diode IN914	14-000514-42
D409	Rectifier	28-000022-28
D603	Diode IN914	14-000514-42
D604	Diode IN914	14-000514-42
D605	Diode IN914	14-000514-42
D703	Diode IN914	14-000514-42
D704	Diode IN914	14-000514-42
D705	Diode IN914	14-000514-42
ZD401	Zener Diode IN5239B .5W 9.1V	14-000515-67
ZD402	Zener Diode 1W 9.1V	14-000515-94
Q400	Transistor TIB 29B (Texas Instruments)	14-000966-23
Q401	Transistor TIB 29B (Texas Instruments)	14-000966-23
Q600	Transistor MPSU67 (Motorola)	14-000935-12
Q601	Transistor MPSU60	14-000950-12
Q602	Transistor MPSU10 (Motorola)	14-000967-12
Q603	Transistor MPSU10 (Motorola)	14-000967-12
Q604	Transistor MPSU60 (Motorola)	14-000950-12
Q700	Transistor MPSU07 (Motorola)	14-000935-12
Q701	Transistor MPSU60 (Motorola)	14-000950-12
Q702	Transistor MPSU10 (Motorola)	14-000967-12
Q703	Transistor MPSU10 (Motorola)	14-000967-12
Q704	Transistor MPSU60 (Motorola)	14-000950-12

DEFLECTION AMP PCB ASS'Y 02-170005-02 CONT'D

CAPACITORS

SYMBOL	DESCRIPTION	ELECTROHOME PART NO.
C401	Capacitor 1000uF 80V	44-510207-03
C402	Capacitor 680uF 160V	44-768109-09
C403	Capacitor 6800uF 80V	44-768207-11
C404	Capacitor 6800uF 80V	44-768207-11
C405	Capacitor 10uF 25V	44-410004-01
C410	Capacitor 100NF 200V	48-171042-32
C411	Capacitor 22uF 250V	44-322010-10
C600	Capacitor 2.2pF 500V	46-322713-01
C603	Capacitor 12pF 500V	46-312013-01
C620	Capacitor 100pF 10% 500V	46-310177-04
C624	<i>LEV</i> Capacitor .068uF 200V	48-176832-32
C702	Capacitor 12pF 500V	46-356713-01
C703	Capacitor 12pF 500V	46-312013-01
C720	Capacitor 100pF 10% 500V	46-310117-04
C724	<i>LEV</i> Capacitor .068uF 200V	48-176832-32
C725	Capacitor 560pF 500V 20%	46-356127-04

RESISTORS

R400	Thermistor 120V 60R	42-000060-01
R401	33R 4W 10% WW	42-113301-03
R402	22K 1W 10%	40-422231-16
R403	2K2 .25W 5%	40-122225-31
R404	220R 10W	42-142211-06
R405	8K2 .5W 5%	40-228225-31
R406	680R 6W	42-116811-06
R410	4K7 .25W 5%	40-124725-31
R411	2M7 .25W 5%	40-122755-31
R412	1M5 .25W 5%	40-121555-31
R601	910R .25W 5%	40-129115-31
R602	10K .25W 5%	40-121035-31
R603	1.8K .25W 5%	40-121825-31
R604	30K .25W 5%	40-123025-31
R605	50K Trim Pot	41-000299-30
R606	100K .25W 5%	40-121045-31
R607	2K4 .25W 5%	40-122425-31
R608	1K .25W 5%	40-121025-31
R611	1K Trim Pot	41-000299-28
R620	18K .25W 5%	40-121835-31
R621	6K2 .25W 5%	40-126225-31
R622	180R .25W 5%	40-121815-31
R623	22K .25W 5%	40-122235-31
R624	1K8 .25W 5%	40-121825-31
R625	240 .25W 5%	40-122415-31
R626	100R .25W 5%	42-63-66
R627	18K .5W 5%	40-221835-31
R628	270R .25W 5%	40-122715-31
R629	100R .25W 5%	42-63-66
R630	22K .5W 5%	40-222235-31
R631	180R .25W 5%	40-121815-31
R632	470R 2W 5%	40-624711-11
R633	150R .25W 5%	40-121515-31
R634	82R .25W 5%	40-128205-31
R635	1R5 10W	42-141571-06
R636	1K .25W 5%	40-121025-31
R637	1K .25W 5%	40-121025-31
R700	2K2 .25W 5%	40-122225-31
R701	2K2 .25W 5%	40-122225-31
R702	5K Trim Pot	41-000299-29
R703	15K .25W 5%	40-121535-31
R704	22K .25W 5%	40-122235-31
R705	22K .25W 5%	40-122235-31
R706	15K .25W 5%	40-121535-31
R710	2K4 .25W 5%	40-122425-31
R714	1K5 .25W 5%	40-121525-31
R715		
R720	18K .25W 5%	40-121835-31
R721	6K2 .25W 5%	40-126225-31
R722	180R .25W 5%	40-121815-31
R723	22K .25W 5%	40-122235-31
R724	1K8 .25W 5%	40-121815-31
R725	240R .25W 5%	40-122415-31
R726		42-000063-66
R727	18K .5W 5%	40-221835-31
R728	270R .25W 5%	40-122715-31
R729	100R 25W 5%	42-000063-66

RESISTORS CONT'D

SYMBOL	DESCRIPTION	ELECTROHOME PART NO.
R730	22K .5W 5%	40-222235-31
R731	180R .25W 5%	40-121815-31
R732	390R 2W 5%	40-623911-11
R736	1K .25W 5%	40-121025-31
R737	1K .25W 5%	40-121025-31
R930	4.7M Trim Pot	41-000299-32
R931	4.7M 1W 10%	40-424751-01

FUSES

F400	5A Slow Blow	27-000005-35
F401	5A Slow Blow	27-000005-35
F600	3A Slow Blow	27-000005-14
F700	3A Slow Blow	27-000005-14

03-170020-01 HOR. CURRENT LIMITER

D200	IN914	14000514-42
D201	IN914	14000514-42
D202	IN4935	14-000514-50
D203	IN4935	14-000514-50
Q201	2N3904	14-004567-01
Q202	2N3906	14-000873-32
R200	100R .25W 5%	40-121015-11
R201	100R .25W 5%	40-121015-11
R202	.15 2W 5%	40-721685-15
R203	.15 2W 5%	40-721685-15
C201	.1MF 200V	48-171042-02

03-170020-02 VERT. CURRENT LIMITER

D250	IN914	14000514-42
D251	IN914	14000514-42
D252	IN4935	14-000514-50
D253	IN4935	14-000514-50
Q251	2N3904	14-004567-01
Q252	2N3906	14-000873-32
R250	100R .25W 5%	40-121015-11
R251	100R .25W 5%	40-121015-11
R252	.16R 2W 5%	40-721585-15
R253	.16R 2W 5%	40-721585-15
C251	.1MF 200V	40-721585-15

CRT SOCKET PCB ASS'Y 02-170006-01**SEMICONDUCTORS**

Q100	Transistor MPS u10 (Motorola)	14-000967-12
Q101	Transistor MPS u10 (Motorola)	14-000967-12
Q102	Transistor MPS u10 (Motorola)	14-000967-12
Q103	Transistor MPS u10 (Motorola)	14-000967-12
Q104	Transistor MPS u10 (Motorola)	14-000967-12
Q105	Transistor MPS u10 (Motorola)	14-000967-12

LAMPS

NE100	Lamp Neon	27-000011-10
NE101	Lamp Neon	27-000011-10
NE102	Lamp Neon	27-000011-10
NE103	Lamp Neon	27-000011-10

CAPACITORS

C100	Ceramic Capacitor 100pF	46-610135-04
C101	Capacitor 100NF 200V	48-171042-02
C102	Capacitor 10NF 10% 500V	46-310317-07
C110	Ceramic Capacitor 100pF	46-610135-04
C111	Capacitor 10NF 10% 500V	46-310317-07
C112	Ceramic Capacitor 10NF 1KV	46-510311-36
C113	Ceramic Capacitor 10NF 1KV	46-510311-36
C130	Ceramic Capacitor 100pF	46-610135-04
C131	Capacitor 10NF 10% 500V	46-310317-07

RESISTORS

R101	100R .25W 5%	40-121015-31
R102	2K7 .25W 5%	40-122725-31
R103	3K3 1W 5%	40-423325-17
R104	470R .25W 5%	40-124715-31
R105	1K2 .25W 5%	40-121225-31
R106	250R Trim Pot	41-000299-25
R107	22K Trim Pot	41-000299-26
R108	22K .5W 5%	40-222235-31
R109	180R .25W 5%	40-121815-31
R110	1K .25W 5%	40-121025-31
R112	100R .25W 5%	40-121015-31
R113	2K7 .25W 5%	40-122725-31

**CRT SOCKET PCB ASS'Y 02-170006-01 CONT'D
RESISTORS CONT'D**

SYMBOL	DESCRIPTION
R114	3K3 1W 5%
R115	470R .25W 5%
R116	1K2 .25W 5%
R117	250R Trim Pot
R118	2K5 Trim Pot
R119	22K .5W 5%
R121	1K .25W 5%
R122	220K .5W 5%
R123	1K .5W 5%
R124	470K .5W 5%
R130	100R .25W 5%
R131	2K7 .25W 5%
R132	3K3 1W 5%
R133	620R .25W 5%
R134	1K2 .25W 5%
R136	2K5 Trim Pot
R137	22K .5W 5%

HEAT SINK ASS'Y 03-170025-01

Q605	2N6259
Q606	2N6259
Q705	2N6259
Q706	2N6259
M101	Motor Blower Fan

MISCELLANEOUS

V01	Pix Tube
DY01	Deflection Yoke
L100	Degaussing Coil
J101	Pix Tube PCB Socket
X	Yoke Wedge
	<i>HEAT SINK</i>

**NOTE: ALL ASSEMBLIES STARTING WITH 03-XXX
ALL OTHER ASSEMBLY NUMBERS ARE IN:**

PARTS and SERVICE

USA: ELECTROHOME US
250 Wales Ave.,
Tonawanda, New Yc
1-716-694-3332

**CANADA
and
INTERNATIONAL** SERVICE ELECTRO
809 Wellington Street
Kitchener, Ontario
Canada N2G 4J6
1-519-744-7111 Ext