

# SHARP® SERVICE MANUAL

S0315R25AMH//

## COMMERCIAL MICROWAVE OVEN



MODEL **R-25AM**

In interests of user-safety the oven should be restored to its original condition and only parts identical to those specified should be used.

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## SHARP CORPORATION

## PARTS LIST

Note: The parts marked "Δ" may cause undue microwave exposure.

The parts marked "\*" are used in voltage more than 250V.

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE	
<b>ELECTORIC PARTS</b>					
	BM	FMOTEA482WRKZ	Blower motor	1	BH
*	C1, C2	RC-QZA320WRZZ	High voltage capacitor	2	AV
	F1, F2	QFS-CA026WRZZ	Fuse F10A	2	AH
	F3	QFS-CA017WRE0	Weak point A017	1	AF
*	F4, F5	QFS-IA002WRE0	High voltage fuse 0.75A/ 5kV	2	AQ
Δ*	MG1	RV-MZA322WREZ	Magnetron (Upper)	1	BB
Δ*	MG2	RV-MZA322WREZ	Magnetron (Lower)	1	BB
	OL	RLMPTA028WRE0	Oven lamp	1	AK
	SM	RMOTDA238WRZZ	Antenna motor	2	AR
	SW1	QSW-MA085WRE0	Interlock switch	1	AF
	SW2	QSW-MA085WRE0	Interlock switch	1	AF
	SW3	QSW-MA086WRE0	Monitor switch	1	AF
	SW4	QSW-MA086WRE0	Monitor switch	1	AF
	SW5	QSW-MA085WRE0	Stop switch	1	AF
*	T1, T2	RTRN-A599WRE0	High voltage transformer	2	BM
	T3	RTRNPA005WRZZ	Touch control transformer	1	AQ
	TF1	QFS-TA014WRE0	Temperature fuse 150C (Upper magnetron)	1	AG
	TF2	QFS-TA014WRE0	Temperature fuse 150C (Lower magnetron)	1	AG
	TF3	QFS-TA015WRE0	Temperature fuse 120C (Exhaust)	1	AG
	TH1	FH-HZA070WRE0	Magnetron thermistor (Upper)	1	AM
	TH2	FH-HZA070WRE0	Magnetron thermistor (Lower)	1	AM
	TH3	FH-HZA070WRE0	Exhaust thermistor	1	AM
	1- 1	FACCVA013WRK0	Power supply cord	1	BG
	1- 2	QSOCLA024WRE0	Oven lamp socket	1	AH
*	1- 3	FW-QZA117WRK0	High voltage rectifier assembly	1	AU
	1- 4	FPWBFA335WRE0	Noise filter	1	AX
	1- 5	QFSHDA019WRE0	Fuse holder	2	AH

### CABINET PARTS

2- 1	GDAI-A353WRTZ	Base plate	1	BB
2- 2	GCABUA860WRPZ	Outer case cabinet	1	BD
2- 3	GCOVAA283WRW0	Rear cabinet	1	AX
2- 4	FFTASA064WRY0	Oven lamp access cover assembly	1	AN
2- 4-1	PCUSUA585WRPZ	Cushion	1	AF
2- 4-2	PREFHA059WRP0	Reflector	1	AF
2- 5	FFPF-A016WRK0	Vibration-proof sheet	1	AU
2- 6	PSHEGA007WRE0	Rubber sheet B	2	AE

### CONTROL PANEL PARTS

3- 1	DPWBFC366WRKZ	Control unit	1	BN
3- 1A	QCNCMA314DRE0	5-pin connector (CN-A)	1	AC
3- 1B	QCNCMA413DRE0	6-pin connector (CN-B)	1	AC
3- 1C	QCNCMA420DRE0	5-pin connector (CN-C)	1	AK
3- 1D	QCNCMA493DRZZ	6-pin connector (CN-D)	1	AE
3- 1E	QCNCMA381DRE0	5-pin connector (CN-G)	1	AD
3- 1F	RV-KXA053DRE0	Fluorescent display tube	1	AW
3- 1G	PCUSGA359WRP0	Cushion	2	AC
3- 1H	QCNCMA338DRE0	3-pin connector (CN-E)	1	AB
BZ	RALM-A014DRE0	Buzzer (PKM22EPT)	1	AG
C1	VCKYD11HF104Z	Capacitor 0.1uF 50V	1	AB
C2	VCEAG51HW228M	Capacitor 2200uF 50V	1	AH
C3	VCEAG31HW106M	Capacitor 10uF 50V	1	AB
C4	VCKYD11HF104Z	Capacitor 0.1uF 50V	1	AB
C5	VCEAG31HW106M	Capacitor 10uF 50V	1	AB
C6-7	VCKYD11CY103N	Capacitor 0.01uF 16V	2	AA
C8	VCEAG31CW107M	Capacitor 100uF 16V	1	AC
C9	VCEAG31HW106M	Capacitor 10uF 50V	1	AB
C10	VCKYD11HF104Z	Capacitor 0.1uF 50V	1	AB
C21	VCKYD11HF104Z	Capacitor 0.1uF 50V	1	AB
C22	VCKYD11CY103N	Capacitor 0.01uF 16V	1	AA
C30	VCKYD11CY103N	Capacitor 0.01uF 16V	1	AA
C31	VCEAG31HW106M	Capacitor 10uF 50V	1	AB
C60	VCKYD11CY103N	Capacitor 0.01uF 16V	1	AA
C62-63	VCKYD11CY103N	Capacitor 0.01uF 16V	2	AA
C70	VCKYD11CY103N	Capacitor 0.01uF 16V	1	AA
C74	VCKYD11HF104Z	Capacitor 0.1uF 50V	1	AB
C75-76	VCKYD11CY103N	Capacitor 0.01uF 16V	2	AA
C80	VCKYD11HF104Z	Capacitor 0.1uF 50V	1	AB
C81	VCEAG31HW106M	Capacitor 10uF 50V	1	AB
C98-100	VCKYD11HB331K	Capacitor 330pF 50V	3	AA
CF1	RCRS-A010DRE0	Ceramic resonator (CST4.00MGW)	1	AD
D1-7	VHD10EDB10+-1T	Diode (10EDB10)	7	AB
D70	VHD10EDB10+-1T	Diode (10EDB10)	1	AB

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
D71	VHD1SS133//-2	Diode (1SS133)	1	AA
D81	VHD1SS133//-2	Diode (1SS133)	1	AA
D83-84	VHD1SS133//-2	Diode (1SS133)	2	AA
F1	QFS-IA001KKZZ	Fuse 2.5A 50V	1	AD
I- 1	RH-IXA222DRZZ	LSI	1	AU
I- 2	VHICAT24W16-1	EEPROM	1	AF
Q2	VSKRA101M//-3	Transistor (KRA101M)	1	AB
Q3	VHIKIA79L05-3	Transistor (KIA79L05P)	1	AE
Q11	VS2SB953-PQ-4	Transistor (2SB953)	1	AG
Q20	VSKRA101M//-3	Transistor (KRA101M)	1	AB
Q40	VSKRA101M//-3	Transistor (KRA101M)	1	AB
Q41	VS2SB1238//-3	Transistor (2SB1238)	1	AA
Q80	VSKRA101M//-3	Transistor (KRA101M)	1	AB
Q81	VSDTD143ES/-3	Transistor (DTD143ES)	1	AC
Q86-87	VSDTB143ES/-3	Transistor (DTB143)	2	AC
R1	VRD-B12EF152J	Resistor 1.5k ohm 1/4W	1	AA
R2	VRS-B13AA271J	Resistor 270 ohm 1W	1	AA
R3	VRS-B13AA151J	Resistor 150 ohm 1W	1	AA
R5	VRD-B12EF103J	Resistor 10k ohm 1/4W	1	AA
R21	VRD-B12EF563J	Resistor 56k ohm 1/4W	1	AA
R22	VRD-B12EF472J	Resistor 4.7k ohm 1/4W	1	AA
R30	VRD-B12EF101J	Resistor 100 ohm 1/4W	1	AA
R31	VRD-B12EF153J	Resistor 15k ohm 1/4W	1	AA
R32	VRD-B12EF272J	Resistor 2.7k ohm 1/4W	1	AA
R33	VRD-B12EF103J	Resistor 10k ohm 1/4W	1	AA
R40	VRD-B12EF332J	Resistor 3.3k ohm 1/4W	1	AA
R41	VRD-B12EF203J	Resistor 20k ohm 1/4W	1	AA
R42	VRD-B12EF393J	Resistor 39k ohm 1/4W	1	AA
R43	VRD-B12EF103J	Resistor 10k ohm 1/4W	1	AA
R60	VRD-B12EF333J	Resistor 33k ohm 1/4W	1	AA
R62-63	VRD-B12EF112J	Resistor 1.1k ohm 1/4W	2	AA
R64-65	VRD-B12EF472J	Resistor 4.7k ohm 1/4W	2	AA
R67	VRD-B12EF472J	Resistor 4.7k ohm 1/4W	1	AA
R70	VRD-B12EF101J	Resistor 100 ohm 1/4W	1	AA
R71	VRD-B12EF472J	Resistor 4.7k ohm 1/4W	1	AA
R73-74	VRD-B12EF104J	Resistor 100k ohm 1/4W	2	AA
R75-76	VRD-B12EF472J	Resistor 4.7k ohm 1/4W	2	AA
R93-97	VRD-B12EF472J	Resistor 4.7k ohm 1/4W	5	AA
RY1	RRLY-B004MRE0	Relay (FTR-F3AA024E)	1	AF
RY3-4	RRLY-A113DRE0	Relay (DU24D1-1PR(M))	2	AM
VRS1	VHV10V471K+-1	Varistor (TNR10V471K)	1	AD
ZD1	VHEHZ161///-1	Zener diode (HZ16-1)	1	AA
ZD2	VHEHZ4C3///-1	Zener diode (HZ4C3)	1	AA
3- 2	FPNLCB775WRKZ	Control panel frame with key unit assembly	1	BB
3- 2-1	GMADIA067WRF0	Display window	1	AE
3- 2-2	HDECAA245WRPZ	Decoration metal fittings	1	AU
3- 2-3	HPNLCB838WRFZ	Control panel	1	AN
3- 2-4	PCUSUA417WRP0	Cushion	1	AB
3- 3	LANGTA243WRW0	Control panel mounting angle	1	AF
3- 4	XEPSD30P10XS0	Screw : 3mm x 10mm	11	AA
3- 5	XEPSD40P12000	Screw : 4mm x 12mm	2	AA
3- 6	PCUSGA638WRPZ	Cushion	2	
3- 7	JKNBKA510WRM0	Knob	1	AE
3- 8	DPWBFC373WRKZ	Rotary encoder unit	1	AG
3-8-1	RVR-BA018WRE0	Rotary encoder	1	
3-8-2	FW-VZA289DRZZ	Lead wire harness (3-pin)	1	AE
3- 9	LANGTA304WRP0	Rotary encoder mounting plate	1	AD
3- 10	JBTN-A895WRM0	Select button	4	AE
3- 11	JBTN-A896WRM0	Start button	1	AE
3- 12	DPWBFC372WRKZ	Switch unit assembly	1	AH
3- 12-1	FW-VZA165DRE0	Lead wire harness (2-pin)	1	AF
3- 12-2	FW-VZA287DRZZ	Lead wire harness (5-pin)	1	AF
3- 12-3	QSW-PA025DRE0	Tact switch (SW1-SW5)	5	AD
3- 13	PCUSUA404WRP0	Select cushion	4	AC
3- 14	PZETEA088WRPZ	Insulater	1	AH
3- 15	MSPRPA082WRE0	Spring	1	AD
3- 16	XHTSD40P08RV0	Screw : 4mm x 8mm	1	AA
3- 17	PSHEGA005WRP0	Water proof sheet	1	AE
3- 18	LX-NZ0068WRE0	Special nut	1	AA

## OVEN PARTS

4- 1	PCLICA042WREZ	Chassis clip	4	AC
4- 2	FDUC-A345WRY0	Exhaust duct assembly	1	AP
4- 3	FOVN-A444WRY0	Oven cavity	1	BS
4- 4	PFILWA053WRP0	Oven light screen (Inside)	1	AE
4- 5	MLEVPA153WRF0	Switch lever A	1	AC
4- 6	MLEVPA154WRF0	Switch lever B	1	AC

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REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
4- 7	MLEVPA155WRF0	Switch lever C	1	AC
4- 8	MSPRCA075WRE0	Switch spring A	1	AB
4- 9	MSPRCA076WRE0	Switch spring B	2	AB
Δ 4-10	PHOK-A081WRF0	Latch hook	1	AP
Δ 4-11	MHNG-A216WRM0	Lower oven hinge	1	AG
4-12	PCUSUA626WREZ	Cushion	1	AC
4-13	PCUSU0407WRP0	Cushion	2	AA
4-14	FGLSPA063WRY0	Ceramic shelf	1	BF
4-15	FPLT-A008WRY0	Stirrer antenna upper assembly	1	AV
4-16	FPLT-A009WRY0	Stirrer antenna lower assembly	1	AV
4-17	PCUSUA538WRPZ	Cushion	1	AD
4-18	LANGQA370WRP0	Oven lamp mounting plate	1	AD
4-19	LBNDKA068WRP0	Capacitor holder	1	AD
4-20	PGIDHA054WRW0	Water-proof cover	1	AF
4-21	NSFTPA031WRF0	Antenna motor shaft	2	AH
4-22	PZETEA087WRPZ	Insulater	1	AE
Δ 4-23	PCUSUA417WRP0	Cushion	1	AB
4-24	MHNG-A215WRM0	Upper oven hinge	1	AG
4-25	PCUSUA413WRP0	Cushion	1	AG
4-26	PCUSUA415WRP0	Cushion	1	AC
4-27	PDUC-A729WRF0	Air duct	1	AL
4-28	PDUC-A564WRW0	Mg exhaust duct	1	AP
4-29	PCUSUA414WRP0	Cushion	1	AD
4-30	LANGKA679WRPZ	Fixing angle S	1	AD
4-31	HDECQA147WRM0	Corner cap right	1	AE
4-32	LANGFA195WRW0	Chassis support	1	AH
4-33	LBSHCA012WRE0	Cord bushing	1	AD
4-34	FCOVPA032WRKZ	Stirrer cover assembly	1	BF
4-35	FFIL-A005WRK0	Air intake filter assembly	1	AS
4-36	HDECEA001WRP0	Decoration sash	1	AR
4-37	HDECQA146WRM0	Corner cap left	1	AE
4-38	PCUSGA409WRP0	Cushion	2	AE
4-39	LANGQA440WRM0	Earth angle	1	AE
4-40	LANGQA512WRP0	Thermistor angle	2	AE
4-41	LANGQA593WRPZ	Blower motor angle	1	AH
4-42	MSPRCA101WRE0	Switch lever spring C	1	AC
4-43	PCUSUA268WRP0	Cushion	1	AA

#### DOOR PARTS

Δ 5	DDORFA850WRK0	Door assembly	1	BV
Δ 5- 1	FDORFA289WRT0	Door panel assembly	1	BH
5- 2	GCOVAA242WRY0	Door case	1	BD
5- 3	FHNDMA011WRY0	Door lever assembly	1	AP
5- 4	GCOVHA350WRF0	Choke cover	1	AR
5- 5	JHNDMA039WRM0	Door handle	1	AX
5- 6	LANGKA766WRP0	Outside window fixing plate	2	AF
5- 7	PCUSGA430WRP0	Cushion	2	AM
5- 8	PGLSPA457WRE0	Door glass	1	AV
5- 9	PPACGA142WRP0	Door case packing	2	AF
5-10	PSHEPA428WRE0	Sealer film	1	AF
5-11	PGID-0024WRF0	Handle guide	4	AC
5-12	XFPSD40P08K00	Screw : 4mm x 8mm	3	AA
5-13	XHTSD40P08RV0	Screw : 4mm x 8mm	4	AA
5-14	FANGKA200WRY0	Latch fixing angle	1	AQ
Δ 5-15	FLEVFA019WRY0	Joint lever	1	AP
5-16	LSTPCA002WRM0	Latch head	2	AM
5-17	MLEVPA220WRF0	Head lever	1	AM
5-18	MSPRCA097WRE0	Latch spring	1	AG
5-19	HBDGCA114WREZ	Door badge	1	AK
5-20	PGID-0025WRF0	Handel spacer	1	AC
5-21	PCUSGA486WRP0	Cushion	1	AM
5-22	PSPA-A102WRE0	Door case spacer	2	AE
5-23	XBPSD40P10K00	Screw : 4mm x 10mm	2	AA

#### MISCELLANEOUS

6- 1	TINSMA019WRRZ	Operation manual	1	AH
6- 2	LHLDWQ005YBE0	Purse lock LL	1	AA
6- 3	FW-VZB999WREZ	Switch harness	1	AP
6- 4	FW-VZC001WREZ	Main wire harness	1	BC
6- 5	LHLDWA040WRE0	Wire holder A	1	AB
6- 6	LBNDKA079WRE0	Wire holder	2	AB
6- 7	TCAUHA168WRR0	H caution label	1	AH
6- 8	TCAUHA257WRR0	S caution sheet	1	AE
6- 9	PZET-A018WRE0	Terminal insulator	2	AC
6-10	TLABSA064WRR0	A017 label	1	AC
6-11	TLABSA055WRR0	Fuse label F10A	2	AE

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
<b>SCRE,NUTS AND WASHERS</b>				
7- 1	LX-BZA131WREZ	Special screw	4	AB
7- 2	LX-BZA138WREZ	Special screw	2	AB
7- 3	XHTSD40P08RV0	Screw : 4mm x 8mm	14	AA
7- 4	XONSC40P10000	Screw : 4mm x 10mm	1	AA
7- 5	XOTSC40P12000	Screw : 4mm x 12mm	5	AA
7- 6	XOTWW40P08000	Screw : 4mm x 8mm	5	AB
7- 7	LX-BZA116WRE0	Special screw	2	AD
7- 8	XOTWW40P10000	Screw : 4mm x 10mm	11	AB
7- 9	XOTSD40P12000	Screw : 4mm x 12mm	6	AA
7-10	LX-CZA038WRE0	Special screw	3	AA
7-11	LX-EZA004WRE0	Special screw	2	AA
7-12	LX-BZA041WRE0	Special screw	2	AA
7-13	XJPSD40P10000	Screw : 4mm x 10mm	2	AA
7-14	LX-EZA042WRE0	Special screw	12	AB
7-15	XOTSD40P10RV0	Screw : 4mm x 10mm	3	AA
7-16	LX-BZA064WRE0	Special screw	1	AA
7-17	LX-WZA035WRE0	Special washer	1	AB
7-18	XWSSD40-10000	Washer: 4mm x 1mm	1	AA
7-19	XFTSD40P12000	Screw : 4mm x 12mm	1	AA
7-20	LX-BZA150WREZ	Special screw	1	AB
7-21	XCHWW40P08000	Screw : 4mm x 8mm	2	AB
7-22	XCPSD30P10000	Screw : 3mm x 10mm	2	AA
7-23	XBPSD30P28KS0	Screw : 3mm x 28mm	2	AA
7-24	XNESD30-24000	Nut : 3mm x 2.4mm	2	AA
7-25	XCPWW30P08000	Screw : 3mm x 8mm	2	AA
7-26	LX-BZA132WREZ	Special screw	4	AB
7-27	XOTSD40P08000	Screw : 4mm x 8mm	4	AA

#### HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER      2. REF. NO.      3. PART NO.      4. DESCRIPTION

### OVEN AND CABINET PARTS



