

## Sanyo EM-V3405SW Supplement Of Service Manual

(

Troubleshooting

•

Bookmarks

•

Download this manual

Quick Links



SUPPLEMENT OF SUPPLEMENT OF SUPPLEMENT OF SUPPLEMENT OF SUPPLEMENT OF SERVICE MANUAL SER SER

1

# VICE MANUAL VICE MANUAL VICE MANUAL SER SER

## VICE MANUAL

## PRECAUTIONS TO BE OBSERVED BEFORE AND DURING SERVICING TO AVOID POSSIBLE EXPOSURE TO

(a) Do not operate or allow the oven to be operated with the door open.

(b) Make the following safety checks on all ovens to be serviced before activating the magnetron or other microwave source, and make repairs as necessary:
(1) Interlock operation, (2) proper door close

nicrowave generatin

proper alignment

1999 1999 1999 1999 1999 1999

damage),

(4) damage to or loosening of hinges and la

(c) Before turning on microwave power for consecutive compartments, check the magnetron, wave comparintegrity,

and connections.

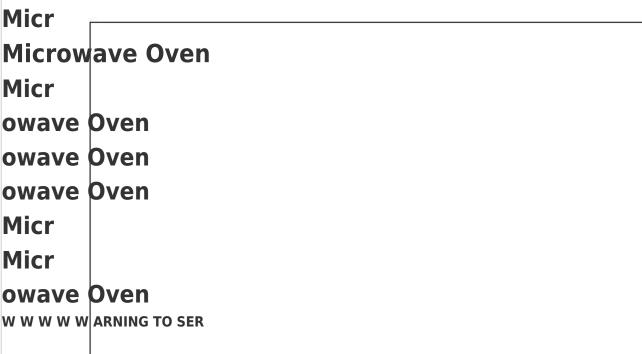
(d) Any defective or misadjusted components **imathe interlock**, monitor, door seal, and microwave generation and

transmission systems shall be repaired, replaced, or adjusted by procedures described in this manual before

the oven is released to the owner.

(e) A microwave leakage check to verify compliance with the Federal performance stan<mark>dard should be</mark> performed

on each oven prior to release to the owner.



## ARNING TO SER ARNING TO SER ARNING TO SER ARNING TO SERVICE TECHNICIANS

EXCESSIVE MICROWAVE ENERGY

Pr Pr Pr Product Code No. oduct Code No. oduct Code No. oduct Code No. oduct Code No. See the Service Manual of EM-F3400SW (SM-860304) except the items described in this Service Manual.

CAUTION \*\*\*\*\*\*\*\*\*\* Transfer for CAUTION CAUTION CAUTION in the seen with with CAUTION atter sales atter AND COM AND VICE TECHNICIANS SANYO Sales Memetinan \*\* VICE TECHNICIANS VICE TECHNICIANS VICE TECHNICIANS File No : EM-V3405SW (U.S.A.) EM-V3405SW (U.S.A.) EM-V3405SW (U.S.A.) EM-V3405SW (U.S.A.) EM-V3405SW (U.S.A.) 437 550 00 437 550 00 437 550 00 437 550 00 437 550 00

REFERENCE NO. SS-860312

### Table of Contents

Next Page

## Related Manuals for Sanyo EM-V3405SW

Microwave Oven Sanyo EM-F3400SW Service Manual Sanyo microwave oven service manual (24 pages) Microwave Oven Sanyo EM-V5405SW Supplement Of Service Manual (36 pages) Microwave Oven Sanyo EM-V5404SW - Full Size Microwave Oven Service Manual Commercial (15 pages) Microwave Oven Sanyo EM-V890 Service Manual Supplement (12 pages) Microwave Oven Sanyo EM-V890 Instruction Manual (23 pages) Microwave Oven Sanyo EM-V3410WW Service Manual (25 pages) Microwave Oven Sanyo EM-V758 Supplement Of Service Manual Product code no. 437-293-51 (12 pages) Microwave Oven Sanyo EM-V860 Instruction Manual (19 pages) Microwave Oven Sanyo EM-V860 Service Manual (23 pages) Microwave Oven Sanyo EM-S6588S Instruction Manual And Cooking Manual Mid-size microwave oven (22 pages) Microwave Oven Sanyo EM-S156AS Instruction Manual Sanyo microwave oven instruction manual (13 pages) Microwave Oven Sanyo EM-S8597W Owner's Manual Sanyo microwave oven owner's manual (13 pages) Microwave Oven Sanyo EMO-SRT1(NX) Service Manual (24 pages) Microwave Oven Sanyo EM-S1053 Service Manual (24 pages) Microwave Oven Sanyo EM-F301WS Supplement Of Service Manual (13 pages) Microwave Oven Sanyo EM-D754 Instruction Manual Microwave oven with convection & grill (40 pages)

## Summary of Contents for Sanyo EM-V3405SW

Page 1 SUPPLEMENT OF SUPPLEMENT OF SUPPLEMENT OF SUPPLEMENT OF SUPPLEMENT OF Micr Micr Microwave Oven owave Oven owave Oven owave Oven EM-V3405SW (U.S.A.) EM-V3405SW (U.S.A.) EM-V3405SW (U.S.A.) EM-V3405SW (U.S.A.) SERVICE MANUAL VICE MANUAL VICE MANUAL...

<u>Page 2</u> In the area emitting the highest reading, switch the meter CAUTION CAUTION CAUTION CAUTION to SLOW RESPONSE, and take a reading for minimum of three (3) seconds. We recommended the pattern outline For micr For micr For micr For micr For

microwave ener owave ener owave ener...

#### Page 3: Power Output Measurement

- TABLE OF CONTENTS - Specifications ......Test Procedures ......Power Output Measurement ....... Exploded View and Parts List ....... 4 ~ 9 Circuit Diagram ....... Overall Circuit Diagram ........ 1. SPECIFICA 1.

#### Page 4: Circuit Diagram

3. CIRCUIT DIAGRAM 3. CIRCUIT DIAGRAM 3. CIRCUIT DIAGRAM 3. CIRCUIT DIAGRAM 3. CIRCUIT DIAGRAM 3. CIRCUIT DIAGRAM Figure 1 Figure 1 Figure 1 Figure 1 WIRING COLOR 0 : ORANGE B K : BLACK R : RED B L : BLUE W : WHITE Y : YELLOW - 2 -...

#### Page 5: Test Procedures

4. TEST PROCEDURES 4. TEST PROCEDURES 4. TEST PROCEDURES 4. TEST PROCEDURES 4. TEST PROCEDURES COMPONENT COMPONENT COMPONENT CHECKOUT PROCEDURE CHECKOUT PROCEDURE RESUL RESULT T T T T RESUL COMPONENT COMPONENT CHECKOUT PROCEDURE CHECKOUT PROCEDURE RESUL RESUL RESUL When when not Measure the resistance between terminals of touched...

Page 6 5 . 5 . 5 . 5 . 5 . 5 . EXPLODED VIEW AND P EXPLODED VIEW AND P EXPLODED VIEW AND P TS LIST TS LIST EXPLODED VIEW AND P EXPLODED VIEW AND PAR ARTS LIST TS LIST TS LIST CAVITY PARTS \* \* ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING...

Page 7 SWITCHES AND MICROWAVE PARTS ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING APPROVED TESTING EQUIPMENT. CUSTOMERS SHOULD NOT ATTEMPT TO REPLACE PARTS IDENTIFIED BY A TRIPLE ASTERISK (\*\*\*). Part No. Description Q'ty Part No. Description Q'ty 411 082 5201 SCR TPG TRS 4 x 10 Z1...

Page 8 DOOR PARTS \* \* \* ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING APPROVED TESTING EQUIPMENT. CUSTOMERS SHOULD NOT ATTEMPT TO REPLACE PARTS IDENTIFIED BY A TRIPLE ASTERISK (\*\*\*). Part No. Description Q'ty Part No Description Q'ty 617 235 2282...

Page 9 CONTROL PANEL PARTS \* \* \* ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING APPROVED TESTING EQUIPMENT. CUSTOMERS SHOULD NOT ATTEMPT TO REPLACE PARTS IDENTIFIED BY A TRIPLE ASTERISK (\*\*\*). Part No. Description Q'ty Part No. Description Q'ty 617 235 3203...

#### Page 10: Control Circuit Board

CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD (Part No. 617 230 8210 617 230 8210 617 230 8210 617 230 8210) 617 230 8210 4 1 6 0 0 4 1 6 0 0 4 1 6 0 0 4 1 6 0 0 4 1 6 0 0...

Page 11 CONTROL CIRCUIT BOARD (Part No. 617 230 8210 617 230 8210 617 230 8210 617 230 8210 Key No. Order Part No. Description Q'ty Key No. Order Part No.

Page 12 SANYO FISHER SER SANYO FISHER SER VICE COMP VICE COMP SANYO FISHER SER SANYO FISHER SER SANYO FISHER SERVICE COMP VICE COMPANY 21605 Plummer Street, JULY 2000. 1200 LT Printed in Singapore Chatsworth, CA91311 U.S.A. - 10 -...

Page 13 File No : SERVICE MANUAL VICE MANUAL VICE MANUAL VICE MANUAL VICE MANUAL Micr Micr owave Oven owave Oven EM-F3400SW EM-F3400SW Micr Microwave Oven Micr owave Oven owave Oven EM-F3400SW EM-F3400SW EM-F3400SW...

Page 14 In the area emitting the highest reading, switch the meter CAUTION CAUTION CAUTION CAUTION to SLOW RESPONSE, and take a reading for minimum of three (3) seconds. We recommended the pattern outline For micr For micr For micr For micr For

microwave ener owave ener owave ener...

<u>Page 15</u> VICE PERSONNEL. PERSONNEL. PERSONNEL. Door Latch The SANYO service center should have the designated detector to measure the microwave energy leakage Lever Stopper after the repair or adjustment. NOTE NOTE NOTE : Detector to be used at the service center is...

Page 16 4 . 4 . 4 . 4 . 4 . PRECAUTIONS AND REP PRECAUTIONS AND REP PRECAUTIONS AND REP AIR SER AIR SER VICE TIPS VICE TIPS 2 . 2 . 2 . 2 . 2 . 2 . SPECIFICA SPECIFICA SPECIFICA TIONS TIONS PRECAUTIONS AND REP...

Page 17 5. CIRCUIT DIAGRAM Figure 2 Figure 2 Figure 2 Figure 2 Figure 2 · · · · · 3 -...

#### Page 18: Test Procedures And Troubleshooting

6. TEST PROCEDURES AND TROUBLESHOOTING 6. TEST PROCEDURES AND TROUBLESHOOTING Filament Windings 6. TEST PROCEDURES AND TROUBLESHOOTING 6. TEST PROCEDURES AND TROUBLESHOOTING 6. TEST PROCEDURES AND TROUBLESHOOTING CAUTION CAUTION CAUTION CAUTION - DISCONNECT THE POWER SUPPL - DISCONNECT THE POWER SUPPL Y CORD FROM Y CORD FROM - DISCONNECT THE POWER SUPPL...

Page 19 COMPONENT COMPONENT COMPONENT COMPONENT COMPONENT CHECKOUT PROCEDURE CHECKOUT PROCEDURE CHECKOUT PROCEDURE CHECKOUT PROCEDURE CHECKOUT PROCEDURE RESUL RESUL RESUL RESUL RESULT T T T Measure the resistance : Across two terminals Normal reading : with an Ohm-Meter on highest scale. Momentarily indicates several Ohms, HIGH-VOLTAGE and gradually returns to 10 Meg-Ohms.

Page 20 COMPONENT COMPONENT COMPONENT COMPONENT COMPONENT CHECKOUT PROCEDURE CHECKOUT PROCEDURE CHECKOUT PROCEDURE CHECKOUT PROCEDURE CHECKOUT PROCEDURE RESUL RESUL RESUL RESUL RESULT T T T When When not Measure the resistance between terminals of touched touched Resistance FPC connector after removing it from \$101. value Less than More than...

Page 21 - 7 -...

Page 22 - 8 -...

Page 23 - 9 -...

Page 24 - 10 -...

Page 25 7 . 7 . 7 . 7 . 7 . 0 ISASSEMBL DISASSEMBL DISASSEMBL DISASSEMBLY INSTRUCTIONS Y INSTRUCTIONS Y INSTRUCTIONS Y INSTRUCTIONS DISASSEMBL Y INSTRUCTIONS • • • • • OVEN MUST BE DISCONNECTED FROM ELECTRICAL OVEN MUST BE DISCONNECTED FROM ELECTRICAL OVEN MUST BE DISCONNECTED FROM ELECTRICAL B.

Page 26 C. C. C. C. C. REMOVING BLOWER MOTOR (Figures 11 (Top View) and 12). Duct (mag. exhaust) Blower Base (1) Remove screw securing the stay. (2) Disconnect all lead wires from the blower motor and H.V.

Page 27 E. E. E. E. E. REMOVING FUSE REMOVIN

#### Page 28: Removing Door

H. H. H. REMOVING DOOR REMOVING DOOR REMOVING DOOR REMOVING DOOR REMOVING DOOR J. J. J. J. J. J. REMOVING CA REMOVING CA REMOVING CA VITY COVER VITY COVER VITY COVER VITY COVER VITY COVER (Figure 16) (1) Remove 2 hex nuts securing the upper hinge.

Page 29 8.8.8.8.8.8. EXPLODED VIEW AND P EXPLODED VIEW AND P EXPLODED VIEW AND P TS LIST TS LIST EXPLODED VIEW AND P EXPLODED VIEW AND PAR ARTS LIST TS LIST TS

LIST CAVITY PARTS \* \* \* ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING...

Page 30 SWITCHES AND MICROWAVE PARTS ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING APPROVED TESTING EQUIPMENT. CUSTOMERS SHOULD NOT ATTEMPT TO REPLACE PARTS IDENTIFIED BY A TRIPLE ASTERISK (\*\*\*). Part No. Description Q'ty Part No. Description Q'ty 411 082 5201 SCR TPG TRS 4 x 10 Z1...

Page 31 DOOR PARTS \* \* \* ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING APPROVED TESTING EQUIPMENT. CUSTOMERS SHOULD NOT ATTEMPT TO REPLACE PARTS IDENTIFIED BY A TRIPLE ASTERISK (\*\*\*). Part No. Description Q'ty Part No Description Q'ty 617 229 2403...

Page 32 CONTROL PANEL PARTS \* \* \* ALL SERVICE ON MICROWAVE OVENS SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN USING APPROVED TESTING EQUIPMENT. CUSTOMERS SHOULD NOT ATTEMPT TO REPLACE PARTS IDENTIFIED BY A TRIPLE ASTERISK (\*\*\*). Part No. Description Q'ty Part No. Description Q'ty 617 230 7787...

#### Page 33: Control Circuit Board

CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD CONTROL CIRCUIT BOARD (Part No. 617 230 2324 617 230 2324 617 230 2324) - 19 -...

Page 34 CONTROL CIRCUIT BOARD (Part No. 617 230 2324 617 230 2324 617 230 2324 617 230 2324 Key No. Order Part No. Description Q'ty Key No. Order Part No.

Page 35 9 . 9 . 9 . 9 . 9 . 0 VERALL CIRCUIT DIAGRAM OVERALL CIRCUIT DIAGRAM OVERALL CIRCUIT DIAGRAM OVERALL CIRCUIT DIAGRAM - 21 -...

Page 36 This file has been downloaded from: www.UsersManualGuide.com User Manual and User Guide for many equipments like mobile phones, photo cameras, monther board, monitors, software, tv, dvd, and othes.. Manual users, user manuals, user guide manual, owners manual, instruction manual, manual owner, manual owner's, manual guide, manual operation, operating manual, user's manual, operating instructions, manual operators, manual operator, manual product, documentation manual, user maintenance, brochure, user reference, pdf manual...

## This manual is also suitable for:

Em-f3400swEmv3405s437 550 00437 450 57