MICROWAVE OVEN TECH SHEET

CAUTION

Disconnect from Electrical Supply Before Servicing Unit

PRECAUTIONS TO BE OBSERVED BEFORE AND DURING SERVICING TO AVOID PROSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- 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 operating.
- 2. Proper door closing.
- 3. Seal and sealing surfaces (Arcing,
- wear and other damage.) 4. Damage to or loosening of hinges
- and latch. 5. Evidence of dropping or abuse.
- Before turning on microwave power for any service test or inspection within the microwave generating compartments.
- check the magnetron. Waveguide or transmission line. And cavity for proper alignment, integrity and connection.
 D. Any detective or mis-adjusted components in the interlock, monitor, door seal, and microwave generation and transmission systems shall be repaired. replaced. or adjusted by producers. designed in this manual before the oven Is released to the owner.
- E. A microwave leakage check to verify Compliance with the Federal performance Standard should be performed on each oven prior to release to the owner.
 F. Do not attempt to operate the oven if the door glass is broken.

Parts Layout



Schematic Diagram



Wiring Diagram

Warning : Power must be disconnected before servicing this appliance MODEL NO. : FMV152K



NOTE: For servicing replacement use 16GA,105°C thermoplastic covered wire except for high voltage leads or as noted on special leads.

Switch Chart



Component tests



High voltage components

1. Remove wire leads. 2. Measure resistance .(ohm meter scale: Rx1) Becondary winding Becondary Secondary Seco

Other component tests

Components	Test	Results
T/Table Motor	 Remove wire leads. Measure resistance. (ohm meter scale: Rx1000) 	Normal: Approximately: 3.3k ohms
Fan Motor	1. Remove wire leads. 2. Measure resistance. (ohm meter scale: Rx1)	Normal: Approximately: 97.4 ohms

	Filament to chassis	Normal: Infinite.
pacitor	1. Remove wire leads. 2. Measure resistance .(ohm meter scale: Rx1000) ■ Terminal to terminal	Normal: Momentarily indicates several ohm, and then gradually returns to infinite.
\cup	Terminal to case	Normal: Infinite.
ode e inexpensive rs may indicate	1. Measure continuity. Forward .(ohm meter scale: Rx1000)	Normal: Continuity.
directions	2. Measure continuity. Reverse .(ohm meter scale: Rx1000)	Normal: Infinite.
ntilation Motor	1. Remove wire leads. 2. Measure resistance .(ohm meter scale: Rx1)	
	2 level: White and Blue wire	Approximately 35.2 ohms

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