

Checking The Electrical Parts - Sanyo KS3032 Service Manual

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Troubleshooting

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Checking the Electrical Parts

VI.

Power transformer (TR1) Indoor unit

"Measure the coil resistance. **(3) Checking the Electrical Parts**

Primary 230-208 V ; Measure the resistance between two WHT lead wire terminals

of socket connected to power transformer. **(3) Power transformer (TR1) Indoor unit *Measure the**

* Secondary 10.6 V ; Measure the resistance between two BRN lead wires. **Primary 230-208 V ; Measure the resistance between two WH**

Refer to "1-3-(A) Other component specifications" of socket connected to power transformer

Power transformer (TR) Outdoor unit **Secondary 10.6 V ; Measure the resistance between two BRN**

"Measure the coil resistance. **Refer to "1-3-(A) Other component specifications".**

Primary 230-208 V ; Measure the resistance between two WHT lead wire terminals

of socket jointed to power transformer. **(2) Power transformer (TR) Outdoor unit *Measure th**

° Secondary 14 V
; Measure the resistance between two BRN lead wires.
Refer to *1-3-(B) Other component specifications".

Indoor fan motor (FMI) Indoor unit

"Measure the coil resistance"

(3) Checking the Electrical Parts

Measure the resistance between each terminal of the socket connected to the indoor fan motor. ① **Power transformer (TR1) Indoor unit** *Measure the

Refer to "1-2-(A) Major component specifications"

Outdoor fan motor (FMO) Outdoor unit

*Measure the coil resistance.

• **Primary 230-208 V ; Measure the resistance between two WH of socket connected to power transformer**
• **Secondary 10.6 V ; Measure the resistance between two BRN**

T
* Measure the resistance in the same manner as explained above. Refer to "1-3-(A) Other component specifications".

Refer to *1-2-(B) Major component specifications".

Motor capacitor ② **Power transformer (TR) Outdoor unit** *Measure the

* **Primary 230-208 V ; Measure the resistance between two WH of socket jointed to power transformer.**

Remove the lead wires from the capacitor terminals, and then place a probe on the capacitor terminals as

shown in Fig. 10. Observe the deflection of the pointer, setting the resistance measuring range of the

multimeter to the maximum range of the indoor fan motor. ③ **Indoor fan motor (FMI) Indoor unit** *Measure

* The capacitor is "good" if the pointer bounces to a great extent and then gradually returns to its original position.

Refer to "1-2-(A) Major component specifications".

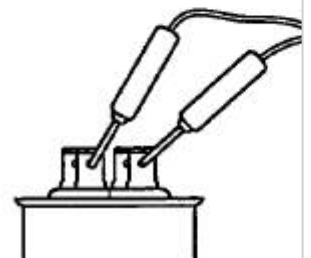
④ **Outdoor fan motor (FMO) Outdoor unit** *Measure

NOTE
• Measure the resistance in the same manner as explained above.

Refer to "1-2-(B) Major component specifications".

⑤ **Motor capacitor Both in indoor and outdoor unit**

• Remove the lead wires from the capacitor terminals, and then place a probe on the capacitor terminals as shown in Fig. 10. Observe the deflection of the pointer, setting the resistance measuring range of the



Multimeter
Compressor motor capacitor
Fan motor capacitor
Fig. 10
ions
SM830069
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