

How To Check Simply The Main Parts - Toshiba RAS-B10SKVP-E Service Manual

Split type air conditioner

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68

69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118



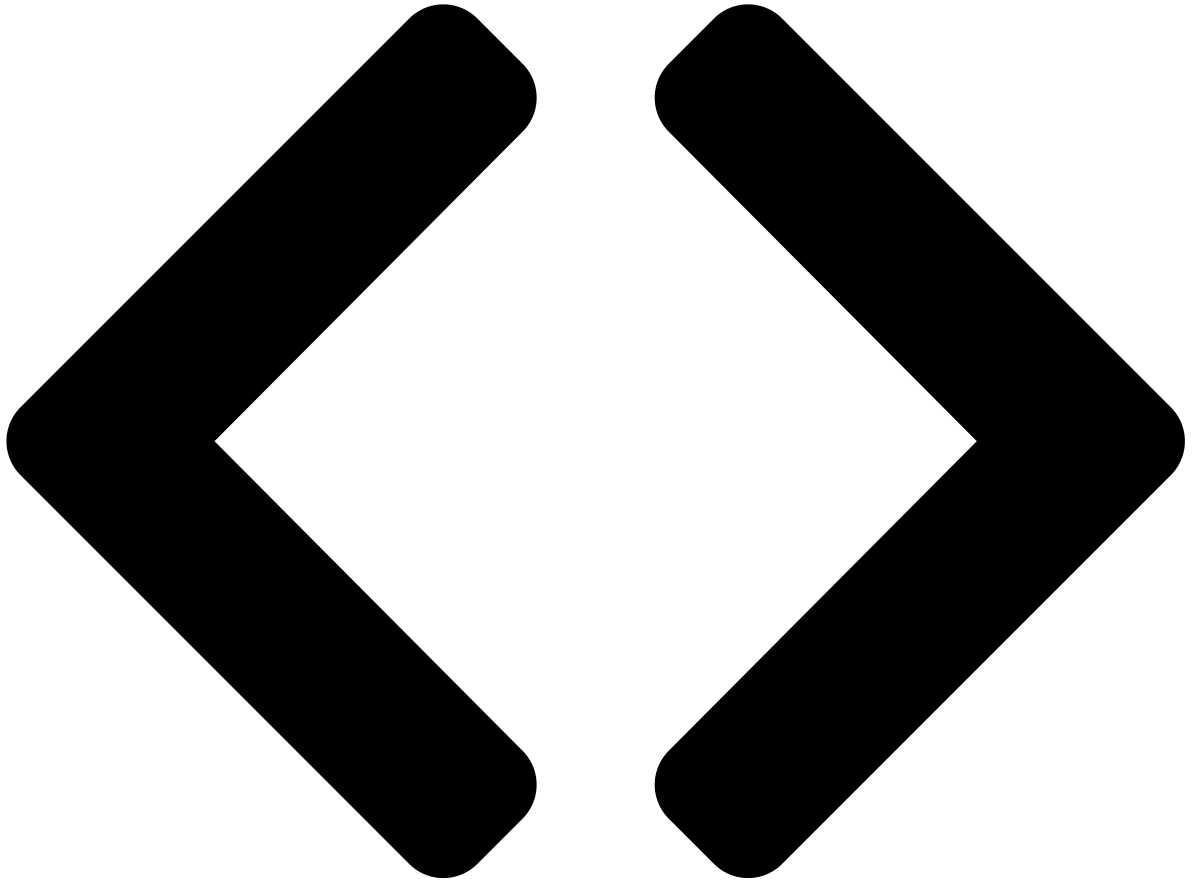
-

-

Troubleshooting

•

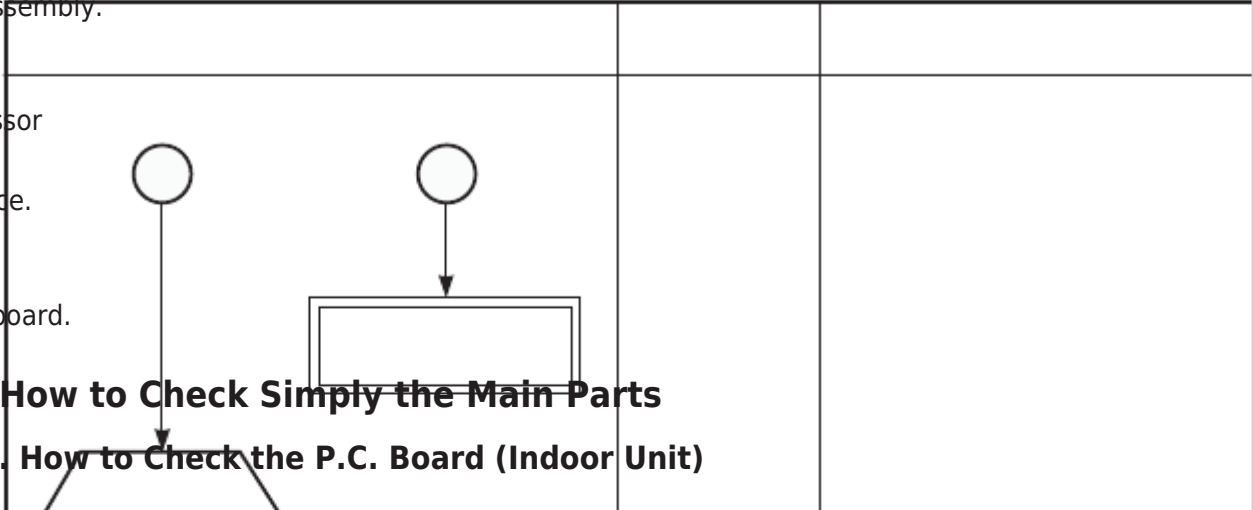
Bookmarks



Diagnosis/Process flowchart

A
Replace control
board assembly.

Check
NG
compressor
winding
resistance.
OK
Replace
control board.



11-9. How to Check Simply the Main Parts
11-9-1. How to Check the P.C. Board (Indoor Unit)

(1) Operating precautions

- 1) When removing the front panel or the P.C. board, be sure to shut off the power supply breaker.
- 2) When removing the P .C. board, hold the edge of the P.C. board and do not apply force to the parts.
- 3) When connecting or disconnecting the connectors on the P .C. board, hold the whole housing. Do not pull at the lead wire.

(2) Inspection procedures

- 1) When a P .C. board is judged to be defective, check for disconnection, burning, or discoloration of the copper foil pattern on this P .C. board.
- 2) The P.C. board consists of the following 2 parts

a. Main P.C. board part :

DC power supply circuit (5V, 12V, 15V), indoor fan motor control circuit, CPU and peripheral circuits, buzzer, and Driving circuit of louver.

b. Indication unit of infrared ray receiving infrared ray receiving circuit, LED :

To check defect of the P .C. board, follow the procedure described below.

Item

Check

B

Operation

Replace compressor.

Contents

Check winding resistance between phases of compressor, and resistance between outdoor frames by using a tester.

- Is not grounded.
- Is not short-circuited between windings.
- Winding is not opened.

Remove connector CN300 of the outdoor fan motor, turn on the power supply breaker, and perform the operation. (Stops though activation is prompted.)

Check operation within 2 minutes 20 seconds after activation stopped.

- 83 -

Summary

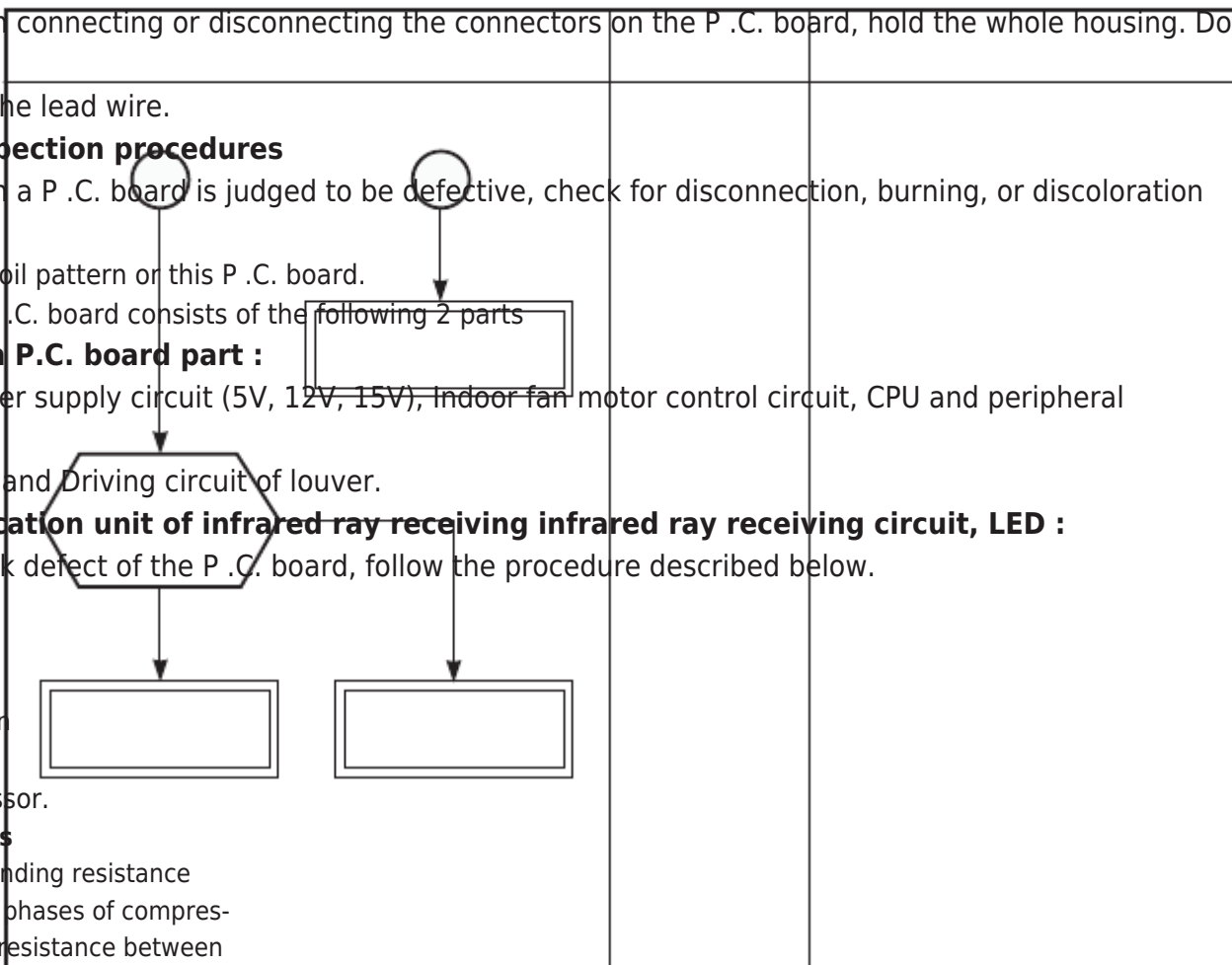
→ OK if 10MΩ or more

}

→ OK if 0.51Ω → 0.57Ω

}

J



(Check by a digital tester.)

Table of Contents

[Previous Page](#)
[Next Page](#)

1
...
80
81
82
83
84
85
86
87

Quick Links:

[Specifications](#)

[How to Diagnose the Trouble](#)

[How to Replace the Main Parts](#)

[Exploded Views and Parts List](#)

Chapters

[Table of Contents](#) 2

[Operation Description 9-2. 1. Basic Operation](#) 28

Related Manuals for Toshiba RAS-B10SKVP-E

[Air Conditioner Toshiba RAS-B10SKVP-E Installation Manual](#)

(148 pages)

[Air Conditioner Toshiba RAS-4M23SAV-E Service Manual](#)

Split type (121 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Service Manual](#)

(120 pages)

[Air Conditioner Toshiba RAS-10SAVP-E Service Manual](#)

(119 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Service Manual](#)

Split type (117 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Service Manual](#)

(117 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Owner's Manual](#)

Split type air conditioner (91 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Owner's Manual](#)

Split type; for general public use (31 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Owner's Manual](#)

Split type (31 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Installation Manual](#)

(19 pages)

[Air Conditioner Toshiba RAS-B10SKVP-E Installation Manual](#)

Split type air conditioner (19 pages)

[Air Conditioner Toshiba RAS-16SKVP-ND Owner's Manual](#)

(230 pages)

[Air Conditioner Toshiba RAS-10SKVP-ND Installation Manual](#)

(132 pages)

[Air Conditioner Toshiba RAS-10SKVP-ND Owner's Manual](#)

(61 pages)

[Air Conditioner Toshiba RAS-B10S4KVDG-E Installation Manual](#)

(24 pages)

[Air Conditioner Toshiba RAS-B13S4KVDG-E Service Manual](#)

(149 pages)

Related Content for Toshiba RAS-B10SKVP-E

[RAS-15EKCV-UL How To Check Simply The Main Parts](#)

Toshiba RAS-15EKCV-UL

[RAS-M10YDV-E How To Check Simply The Main Parts](#)

Toshiba RAS-M10YDV-E

[RAS-13SKVR-E2 How To Check Simply The Main Parts](#)

Toshiba RAS-13SKVR-E2

[RAS-09EKV-UL How To Check Simply The Main Parts](#)

Toshiba RAS-09EKV-UL

[RAS-137SKV-E How To Check Simply The Main Parts](#)

Toshiba RAS-137SKV-E

[RAS-10NKV-E How To Check Simply The Main Parts](#)

Toshiba RAS-10NKV-E

[RAS-B10N3KVP-E How To Check Simply The Main Parts](#)

Toshiba RAS-B10N3KVP-E

[RAS-10N3KV-E How To Check Simply The Main Parts](#)

Toshiba RAS-10N3KV-E

This manual is also suitable for:

[Ras-10savp-eRas-13savp-eRas-b16skvp-eRas-16savp-eRas-b13skvp-eRas-10skvp-nd](#) ... [Show all](#)