

Comp-Ipdu P.c. Board Replacement Procedure (Mcc-1647) - Toshiba MCY- MHP0404HS-E Service Manual

Multi type

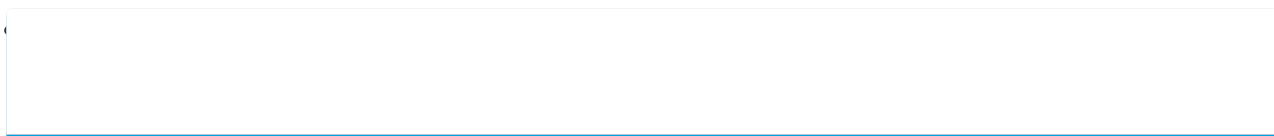
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Troubleshooting

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Bookmarks



11-2.Comp-IPDU P.C. board replacement procedure (MCC-1647: 43H69013)

1. Applicable models

MCY-MHP0404HS-E

MCY-MHP0404HSJ-E

MCY-MHP0404HS-TR

MCY-MHP0404HS

MCY-MHP0404HSJ

MCY-MHP0404HS-ID

MCY-MHP0404HS-A

2. Shipped parts list

Please make sure that before you do the work, the following parts are shipped all.

No

1

Card Spacer (No.①) in Plastic bag

3. Replacement steps

(1) Turn off the power of the outdoor control unit. (Turn off the power of the outdoor unit.)

(2) Immediately after turning off the power of the outdoor unit, the electrolytic capacitors inside the unit will still

have a high voltage, and there is a risk of electric shocks. Therefore, wait at least 5 minutes after turning off

the power before starting the replacement procedure.

(3) Disconnect all the screws ④,screw ⑤ and screws ⑥ and connectors which are connected to the malfunctioning comp-IPDU P.C. board.

(Since the connectors may be damaged if they are pulled out by grasping their lead wires, be sure to take hold of the

connectors themselves when disconnecting them.)

(4) To remove the malfunctioning comp-IPDU P.C. board, remove the 2 card spacers ① and 2 single-touch spacers ②

(Take care when removing the comp-IPDU P.C. board not to damage the 2 card spacers ①. If a card spacer ① has been damaged, be sure to use a card spacer ① packed with the board, and replace the damaged card spacer by following the steps in the service manual. Failure to replace it may cause the comp-IPDU P.C. board to malfunction.)

(5) The screws and single-touch spacers ② which were removed will be used again when the service P.C. board

is installed so keep them in a safe place to ensure that they will not be lost or misplaced.

(6) When replacing the board, install the removed single-touch spacers ② on the service P.C. board, and evenly

apply silicone heat sink compound to the heat-sink surfaces of the IPM and

P.C. board. Then install the board in the outdoor control unit.

Failure to apply the silicone heat sink compound may cause the service P.C. board to malfunction.

(Tightening torque for screws ③ (M4x14) used to secure single-touch spacers ②: 1.2 ± 0.1

(7) When replacing the board, use the removed screws ④ (M4x8) , screws ⑤ (M4x15) and screws ⑥ (M3x20)

to connect the disconnected lead wires following the wiring diagram display panel. (Check that the wires have been inserted correctly and securely to prevent connection errors.)

(8) If screws ④, screws ⑤ and screws ⑥ are not tightened

will deteriorate, possibly causing malfunctioning so pay attention when tightening the screws.

However,

first.

under no circumstances must power-driven screwdrivers or air screwdrivers be used when installing the

replacement P.C. board. □ Using such a device may damage the components. (Tightening torque: screw ④,

⑤ 1.2 ± 0.1

(9) If any of the components on the P.C. board have been bent in the course of the replacing the board, rework

them so that they do not come into contact with the other components.

(10) Install the cover, turn on the power, and check operation.

screw © 0.55

MCY-MHP0504HS-E

MCY-MHP0504HSJ-E

MCY-MHP0504HS-TR

MCY-MHP0504HS

MCY-MHP0504HSJ

MCY-MHP0504HS-ID

MCY-MHP0504HS-A

Parts name

the contact between the terminals

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www.ampair.co.uk | sales@ampair.co.uk

MCY-MHP0604HS-E

MCY-MHP0604HSJ-E

MCY-MHP0604HS-TR

MCY-MHP0604HS

MCY-MHP0604HSJ

MCY-MHP0604HS-ID

MCY-MHP0604HS-A

Quantity

devices on the service

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Related Manuals for Toshiba MCY-MHP0404HS-E

[Air Conditioner Toshiba MCY-MHP0404HS\(J\)-E Service Manual](#)

(187 pages)

[Air Conditioner Toshiba MCY-MHP0404HS Owner's Manual](#)

(56 pages)

[Air Conditioner Toshiba MCY-MHP0404HT-C Service Manual](#)

Multi type (184 pages)

[Air Conditioner Toshiba MCY-MHP0404HT-E Engineering Data Book](#)

Side blow vrf outdoor units (48 pages)

[Air Conditioner Toshiba MCY-MHP0404HS8-E Owner's Manual](#)

(29 pages)

[Air Conditioner Toshiba MCY-MHP0404HS8-E Installation Manual](#)

(40 pages)

[Air Conditioner Toshiba MCY-MHP0404HS8-TR Service Manual](#)

(190 pages)

[Air Conditioner Toshiba MCY-MHP0305HT-C Service Manual](#)

Air-conditioner (multi type) (162 pages)

[Air Conditioner Toshiba MCY-MHP0806HS8-E Installation Manual](#)

(42 pages)

[Air Conditioner Toshiba MCY-MHP1006HS8-E Owner's Manual](#)

(25 pages)

[Air Conditioner Toshiba MCY-MHP0806HT8-C Series Service Manual](#)

(184 pages)

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Multi type (40 pages)

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[Air Conditioner Toshiba MCY-MHP0506HT Owner's Manual](#)

(72 pages)

[Air Conditioner Toshiba MCY-MAP0401HT Owner's Manual](#)

Air conditioner multi type (24 pages)

[Air Conditioner Toshiba MCY-MUG0401HSW-E Installation Manual](#)

Outdoor unit (53 pages)

Related Content for Toshiba MCY-MHP0404HS-E

[MMY-MAP0726FT2P-UL Comp-Ipdu P.c. Board \(Mcc-1683\) Replacement Procedure](#)

Toshiba MMY-MAP0726FT2P-UL

[MCY-MHP0305HT-C Ipdu P.c. Board Replacement Procedure \(Mcc-1655\)](#)

Toshiba MCY-MHP0305HT-C

[MMY-MAP0806HT8\(J\)P Comp-Ipdu P.c. Board \(Mcc-1669\) Replacement Procedure](#)

Toshiba MMY-MAP0806HT8(J)P

[MMY-MAP0804FT8\(ZG\)-E Comp-Ipdu P.c. Board \(Mcc-1596\)](#)

[Replacement Procedure](#)

Toshiba MMY-MAP0804FT8(ZG)-E

[MMY-MAP0806HT8\(J\)P Comp-Ipdu P.c. Board \(Mcc-1669\) Replacement Procedure](#)

Toshiba MMY-MAP0806HT8(J)P

[MMY-MAP1006FT8\(J\)P-E Comp-Ipdu P.c. Board \(Mcc-1669\)](#)

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Toshiba MMY-MAP1006FT8(J)P-E

[MMY-MAP0804HT8-E Comp-Ipdu P.c. Board \(Mcc-1596\) Replacement Procedure](#)

Toshiba MMY-MAP0804HT8-E

[MMY-MAP0806HT8P Comp-Ipdu P.c. Board \(Mcc-1669\) Replacement Procedure](#)

Toshiba MMY-MAP0806HT8P

This manual is also suitable for:

[Mcy-mhp0404hsj-eMcy-mhp0504hs-eMcy-mhp0404hs-trMcy-mhp0604hsj-eMcy-mhp0604hs-trMcy-mhp0504hs-tr](#) [Show all](#)