

SERVICE MANUAL

AIR CONDITIONER

< Wireless remote controller kit >

Current model

RBC-AX31U(W)-E

RBC-AX31U(WS)-E

RBC-AX22CE, AX22CE2

TCB-AX21E, AX21E2

RBC-AX23UW(W)-E

New model

RBC-AX32U(W)-E

RBC-AX32U(WS)-E

RBC-AX32CE2

TCB-AX32E2

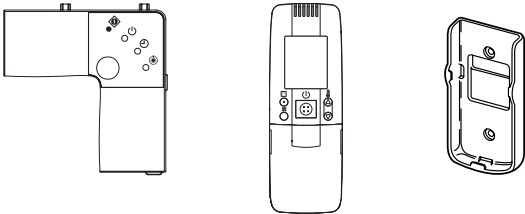
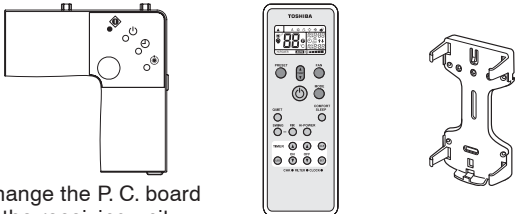
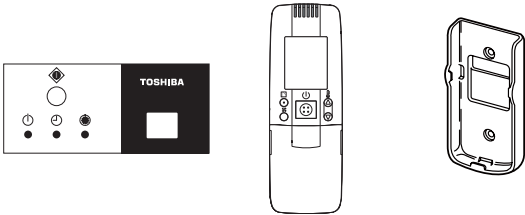
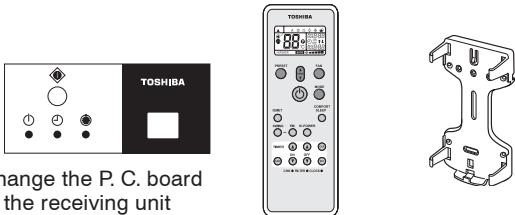
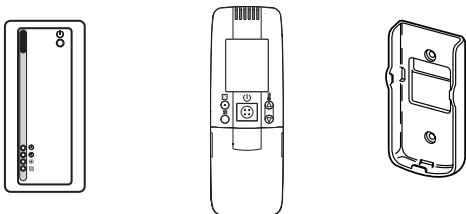
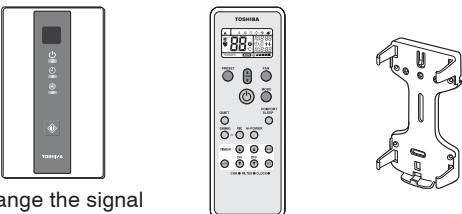
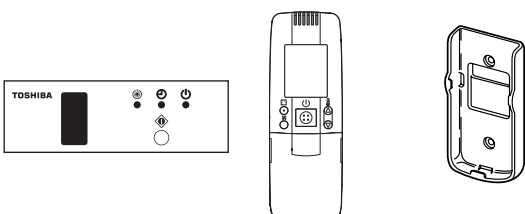
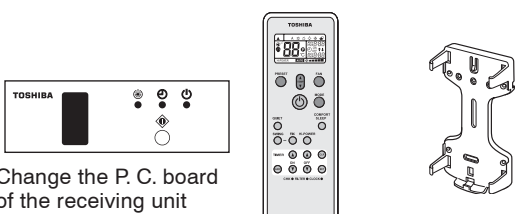
RBC-AX32UW(W)-E

Under the present condition, the wireless remote controller kits have been stopped to be manufactured, and therefore the stocked parts only will be used for servicing parts.

Please practice servicing by using the new wireless remote controller kit.

(The wireless remote controller and the P. C. board of signal receiving unit are modified in the new model.)

1. THE CURRENT MODEL AND THE NEW MODEL COMPARISON LIST

	Current model	New model
Type	Wireless remote controller kit For 4-Way Cassette Type	
Model name	RBC-AX31U(W)-E RBC-AX31U(WS)-E	RBC-AX32U(W)-E RBC-AX32U(WS)-E
Shape	 WH-H1JE, WH-H1JE2	 Change the P. C. board of the receiving unit WH-L11SE
Type	Wireless remote controller kit For Ceiling Type and 1-Way Cassette SH Type	
Model name	RBC-AX22CE, AX22CE2	RBC-AX32CE2
Shape	 WH-H1JE, WH-H1JE2	 Change the P. C. board of the receiving unit WH-L11SE
Type	Wireless remote controller kit Stand-alone Type	
Model name	TCB-AX21E, AX21E2	TCB-AX32E2
Shape	 WH-H1JE, WH-H1JE2	 Change the signal receiving unit WH-L11SE
Type	Wireless remote controller kit For 2-Way Cassette Type	
Model name	RBC-AX23UW(W)-E	RBC-AX32UW(W)-E
Shape	 WH-H1JE, WH-H1JE2	 Change the P. C. board of the receiving unit WH-L11SE

In the new wireless remote controller kit, the current wireless remote controller kit and the send/receive signal are changed.
Therefore be careful of the following contents in servicing.

2. SERVICING METHOD

■ Judge whether the used wireless remote controller is new or old type by confirming the model name on the rear of the controller.

In a case of changing the old wireless remote controller, change the P. C. board of the signal receiving unit and the remote controller holder also to those of a new wireless remote controller.

2-1. Case of trouble of wireless remote controller

- (1) Model name of wireless remote controller is WH-L11SE: Change the wireless remote controller to WH-L11SE.
- (2) Model name of wireless remote controller is WH-H1JE, WH-H1JE2: Change the wireless remote controller to WH-L11SE, the P. C. board of the signal receiving unit, and the remote controller holder.
4-Way / Ceiling / 2-Way type : Change wireless remote controller to WH-L11SE, the P. C. board of the signal receiving unit and the remote controller holder.
 - The lead wires of the signal receiving unit, base and cover are used as those are.**Stand-alone type** : Change the wireless remote controller to WH-L11SE, the signal receiving unit and remote controller holder.

2-2. Case of trouble of signal receiving unit

- (1) Model name of wireless remote controller is WH-L11SE:
4-Way / Ceiling / 2-Way type : Change the P. C. board of the signal receiving unit only.
Stand-alone type : Change the signal receiving unit.
- (2) Model name of wireless remote controller is WH-H1JE, WH-H1JE2:
4-Way / Ceiling / 2-Way type : Change wireless remote controller to WH-L11SE, the P. C. board of the signal receiving unit and the remote controller holder.
 - The lead wires of the signal receiving unit, base and cover are used as those are.
 - When MCC-1418 or MCC-1504 is written on the P. C. board of the signal receiving unit, it indicates this is the P.C. board of the old signal receiving unit.**Stand-alone type** : Change the wireless remote controller to WH-L11SE, the signal receiving unit and remote controller holder.

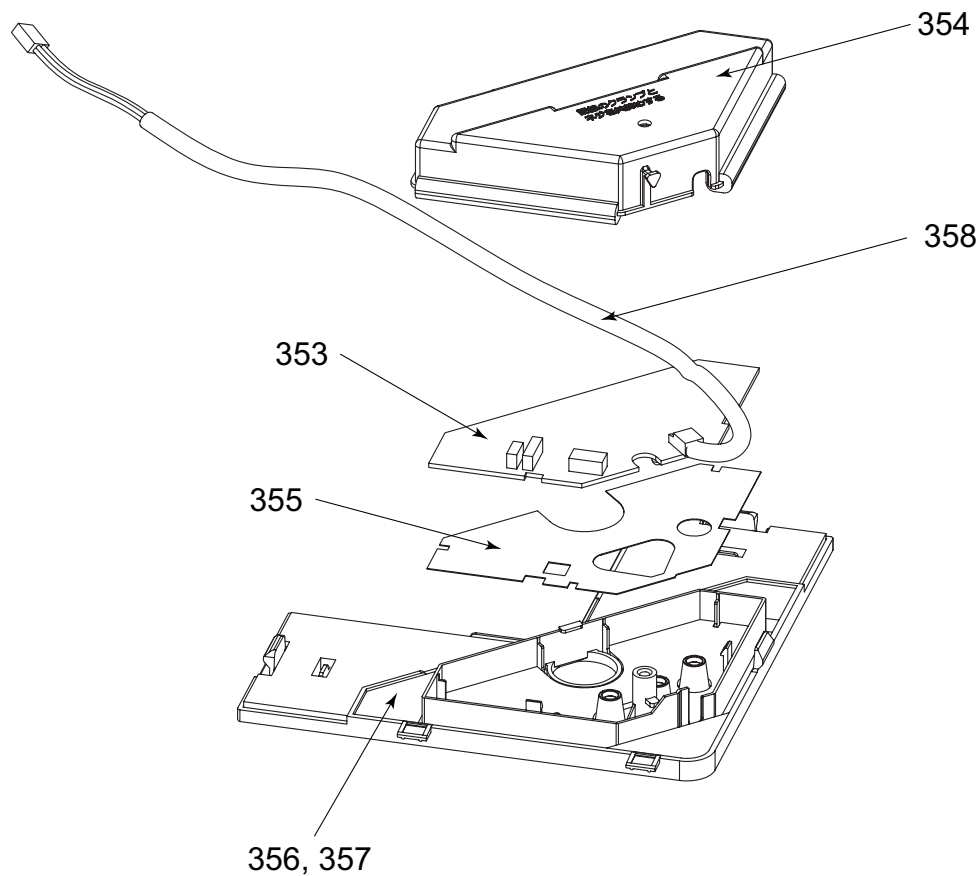
2-3. Case of missing the wireless remote controller

Confirm shape of the remote controller or the model name described on each cover of the Owner's Manual.

- (1) If model name of the wireless remote controller is WH-L11SE: Change the wireless remote controller to WH-L11SE.
- (2) If model name of the wireless remote controller is WH-H1JE, WH-H1JE2:
4-Way / Ceiling / 2-Way type : Change wireless remote controller to WH-L11SE, the signal receiving unit and remote controller holder.
 - The lead wires of the signal receiving unit, base and cover are used as those are.
 - When MCC-1418 or MCC-1504 is written on the P. C. board of the signal receiving unit, it indicates this is the P. C. board of the old signal receiving unit.**Stand-alone type** : Change the wireless remote controller to WH-L11SE, signal receiving unit and remote controller holder.

3. EXPLODED VIEWS AND PARTS LIST

3-1. 4-Way Cassette Type



Location No.	Part No.		Description	Q'ty/ Set
	RBC-AX31U(W)-E*	RBC-AX32U(W)-E		
353	43459011*	→ 4316V479	P. C. BOARD ASSY, REMOTE RECEIVER	1
354	43462010	←	COVER, WRS	1
355	43461006	←	SHEET	1
356	43108018	←	COVER, PANEL WRS	1
358	43460126	←	LEAD	1
—	43166006*	→ 43166018	REMOTE CONTROLLER	1
—	—	43F83071	HOLDER, REMOTE, CONTROLLER	1

* This parts is discontinued.

← Replacement parts can use the current model.

Location No.	Part No.		Description	Q'ty/ Set
	RBC-AX31U(WS)-E*	RBC-AX32U(WS)-E		
353	43459011*	→ 4316V479	P. C. BOARD ASSY, REMOTE RECEIVER	1
354	43462010	←	COVER, WRS	1
355	43461006	←	SHEET	1
357	43108019	←	COVER, PANEL WRS	1
358	43460126	←	LEAD	1
—	43166006*	→ 43166018	REMOTE CONTROLLER	1
—	—	43F83071	HOLDER, REMOTE, CONTROLLER	1

* This parts is discontinued.

← Replacement parts can use the current model.

Compatibility of remote controller and receiving unit

Type: 4-Way Cassette Type

Receiving unit P.C. board #1

Parts No. : 43459011

Model number : MCC-1418

The feature of appearance

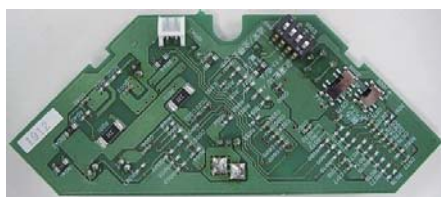
- There are no perforations on the board.

Front side (Equipped with LED)



Model number : MCC-1418

Back side



Receiving unit P.C. board #2

Parts No. : 4316V479

Model number : T6TOS-R

The feature of appearance

- There are perforations on the board.

Front side (Equipped with LED)



Model number : T6TOS-R

Perforations

Back side



Incorrect

Correct

Correct

Remote controller #1

Parts No. : 43166006

Model name : WH-H1JE, WH-H1JE2



Remote controller #2

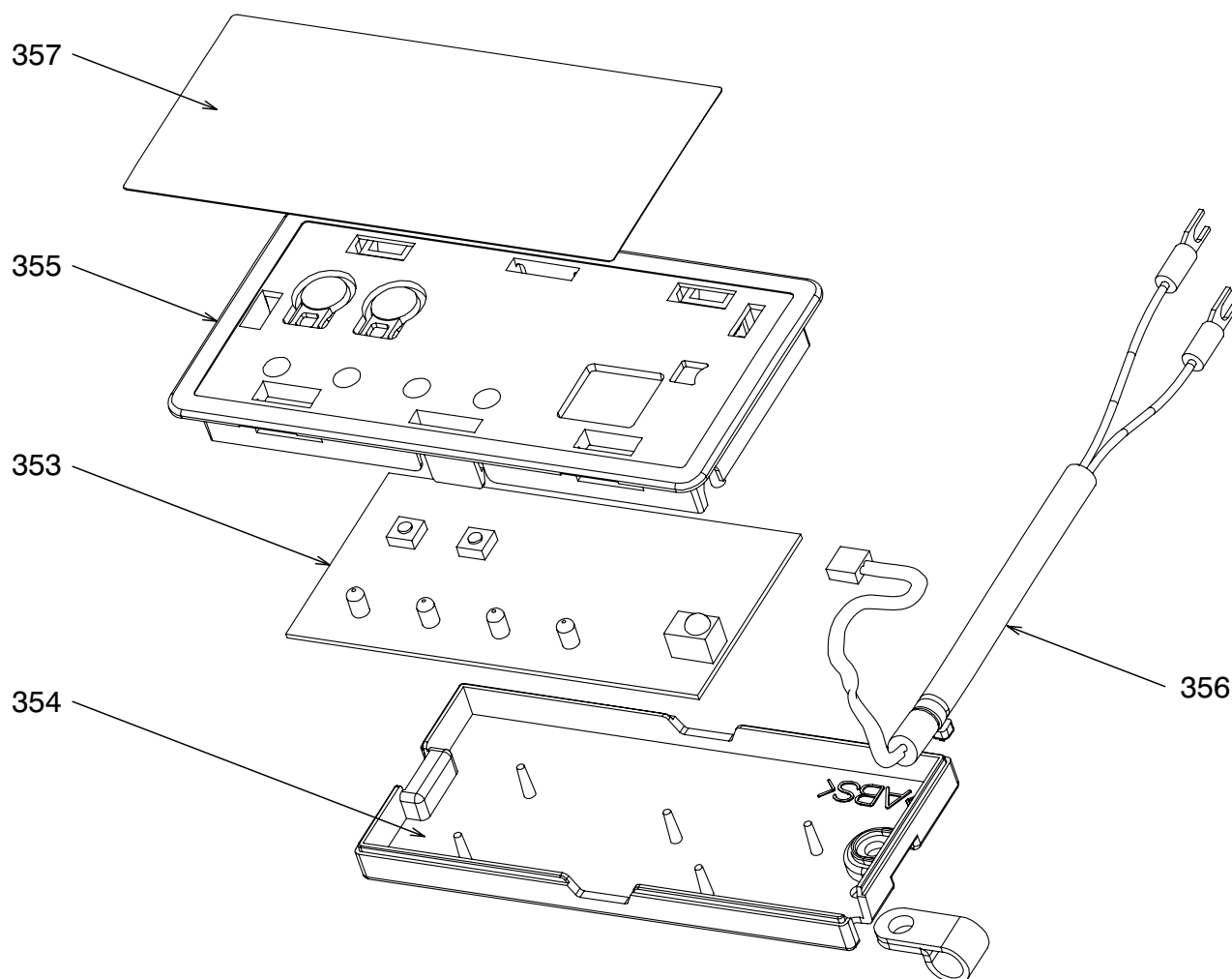
Parts No. : 43166018

Model name : WH-L11SE



* Remote controller #1 can communicate with Receiving unit #1 only,
also Remote controller #2 can communicate with Receiving unit #2 only.

3-2. Ceiling Type and 1-Way Cassette SH Type






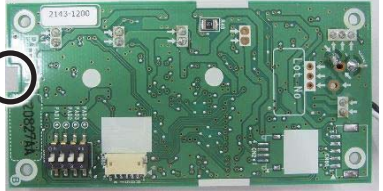


Location No.	Part No.		Description	Q'ty/ Set
	RBC-AX22CE, RBC-AX22CE2	RBC-AX32CE2		
353	43459012*	→ 4316V478	P. C. BOARD	1
354	43408030	←	COVER, RECEIVER	1
355	43108014	43108028	BASE, RECEIVER (+MARK, TOSHIBA)	1
356	43160601	←	LEAD	1
357	43108021	—	MARK, TOSHIBA	1
—	43166006*	→ 43166018	REMOTE CONTROLLER	1
—	—	43F83071	HOLDER, REMOTE, CONTROLLER	1

* This parts is discontinued.

← Replacement parts can use the current model.

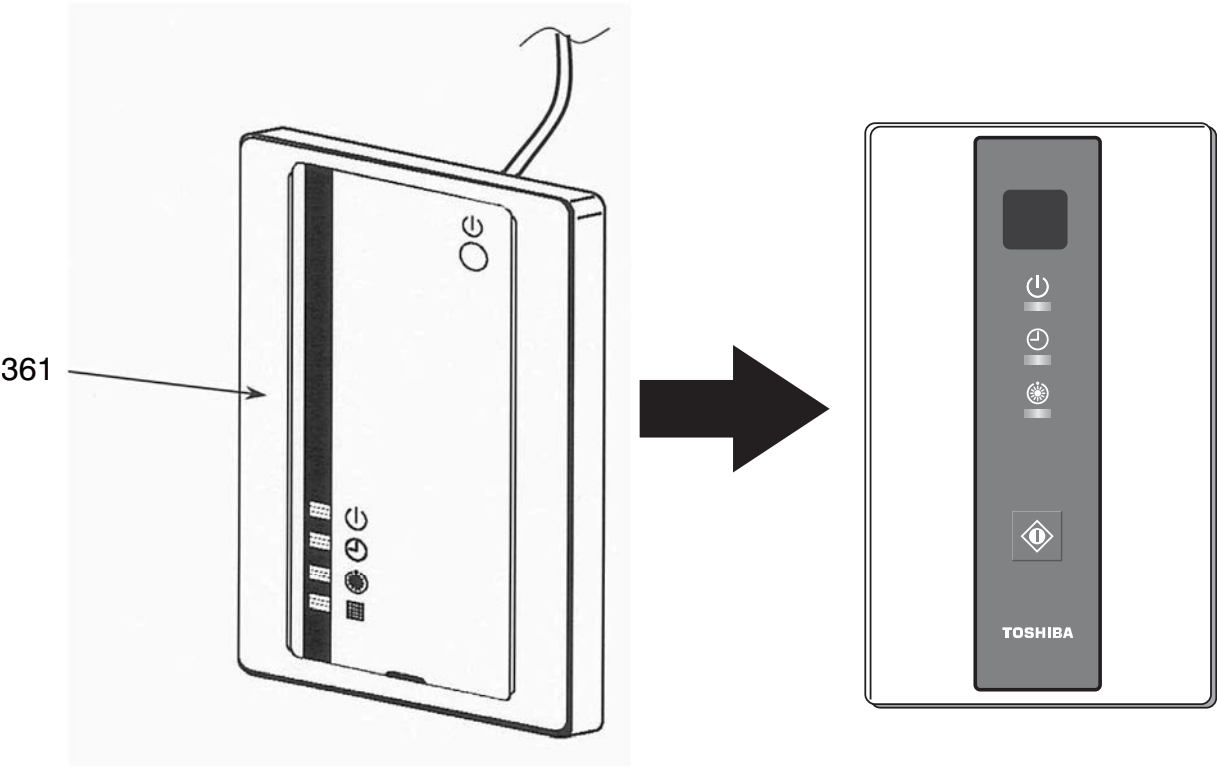
Compatibility of remote controller and receiving unit

Type: Ceiling Type and 1-Way Cassette SH Type

<p>Receiving unit P.C. board #1 Parts No. : 43459012 Model number : MCC-1504 The feature of appearance • There is no notch on the board</p> <p>Front side (Equipped with LED)</p> <div data-bbox="156 560 550 862"> <div>Model number : MCC-1504</div>  </div> <p>Back side</p> 	<p>Receiving unit P.C. board #2 Parts No. : 4316V478 Model number : T6TOS-R The feature of appearance • There is notch on the board</p> <p>Front side (Equipped with LED)</p> <div data-bbox="678 560 1189 907"> <div>Model number : T6TOS-R</div>  <div>Notch</div> </div> <p>Back side</p> <div data-bbox="678 963 1189 1153"> <div>Notch</div>  </div>
<div data-bbox="215 1209 470 1310"> <div>Correct</div> </div> <p>Remote controller #1 Parts No. : 43166006 Model name : WH-H1JE, WH-H1JE2</p> 	<div data-bbox="861 1209 1117 1310"> <div>Correct</div> </div> <p>Remote controller #2 Parts No. : 43166018 Model name : WH-L11SE</p> 

* Remote controller #1 can communicate with Receiving unit #1 only,
also Remote controller #2 can communicate with Receiving unit #2 only.

3-3. Stand-alone Type

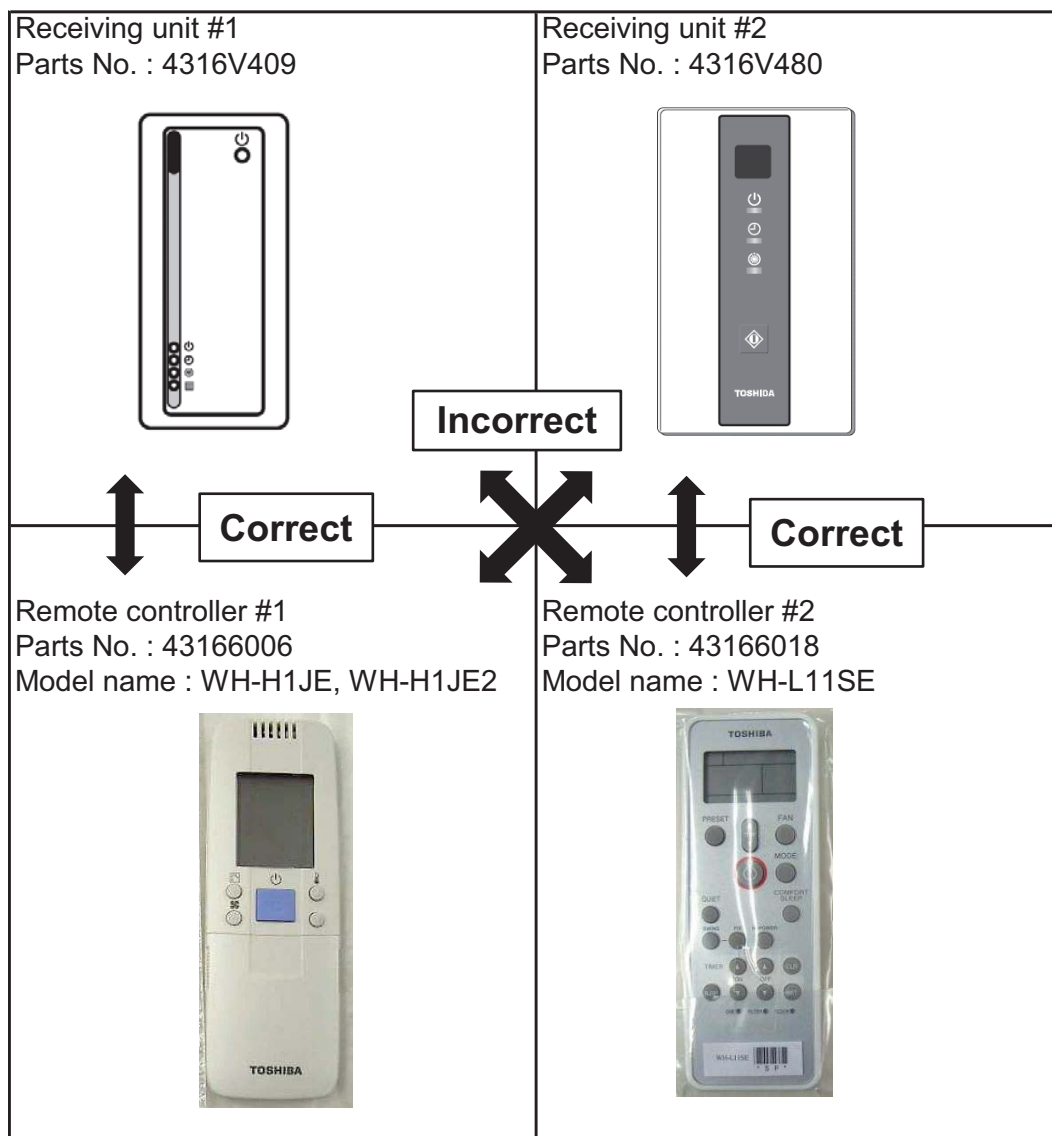


Location No.	Part No.		Description	Q'ty/ Set
	TCB-AX21E, TCB-AX21E2	TCB-AX32E2		
361	4316V409*	⇒ 4316V480	RECEIVER, UNIT	1
—	43166006*	⇒ 43166018	REMOTE CONTROLLER	1
—	—	43F83071	HOLDER, REMOTE, CONTROLLER	1

* This parts is discontinued.

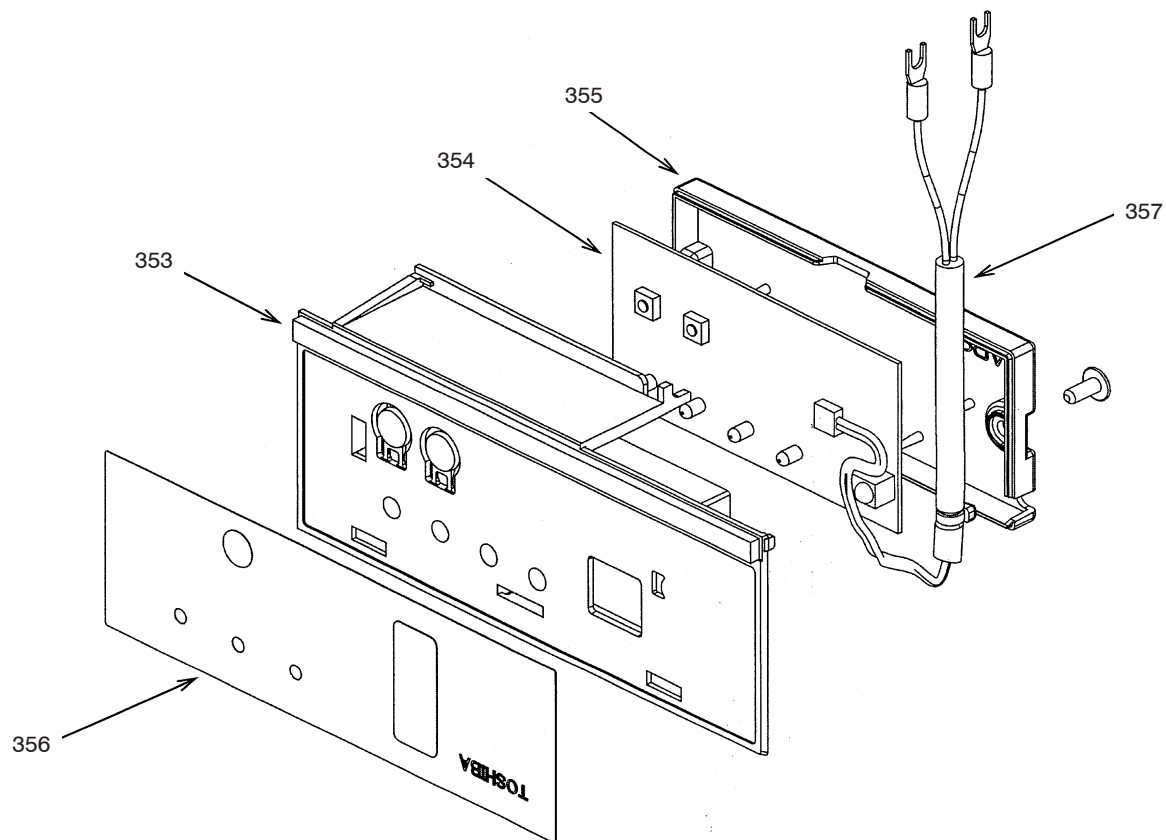
Compatibility of remote controller and receiving unit

Type: Stand-alone Type



* Remote controller #1 can communicate with Receiving unit #1 only,
also Remote controller #2 can communicate with Receiving unit #2 only.

3-4. 2-Way Cassette Type



Location No.	Part No.		Description	Q'ty/ Set
	RBC-AX23UW(W)-E*	RBC-AX32UW(W)-E		
353	43408035	←	BASE, WIRELESS	1
354	43459012*	→ 4316V478	P. C. BOARD	1
355	43408030	←	COVER, RECEIVER	1
356	43108026	←	MARK, TOSHIBA	1
357	43460116	←	LEAD	1
—	43166006*	→ 43166018	REMOTE CONTROLLER	1
—	—	43F83071	HOLDER, REMOTE, CONTROLLER	1

* This parts is discontinued.

← Replacement parts can use the current model.

Compatibility of remote controller and receiving unit

Type: 2-Way Cassette Type

Receiving unit P.C. board #1
 Parts No. : 43459012
 Model number : MCC-1504
 The feature of appearance
 • There is no notch on the board

Front side (Equipped with LED)

Model number : MCC-1504



Back side



Receiving unit P.C. board #2
 Parts No. : 4316V478
 Model number : T6TOS-R
 The feature of appearance
 • There is notch on the board

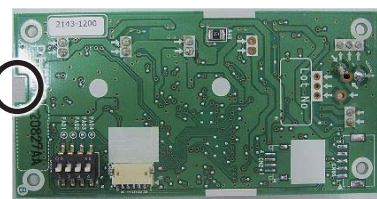
Front side (Equipped with LED)

Model number : T6TOS-R



Notch

Back side



Notch

Incorrect

Correct

Correct

Remote controller #1
 Parts No. : 43166006
 Model name : WH-H1JE, WH-H1JE2



Remote controller #2
 Parts No. : 43166018
 Model name : WH-L11SE



* Remote controller #1 can communicate with Receiving unit #1 only,
 also Remote controller #2 can communicate with Receiving unit #2 only.

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Revision record

Number	The contents of modification	Page	Date
First issue	—	—	Oct., 2015
Revision 1	The compatibility list of a remote controller and receiving unit were added.	5, 7, 9, 11	Jan., 2021