



Installation manual
Outdoor Conversion Kit for NRCB
(VCK-NRCB)

Noritz America Corporation

11160 Grace Avenue, Fountain Valley, CA 92708

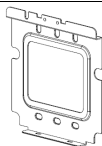
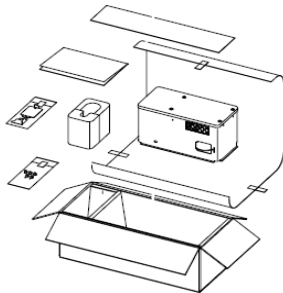
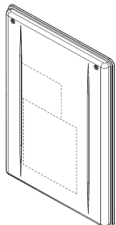
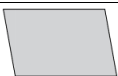
Phone 866-766-7489 Fax 714-241-1196



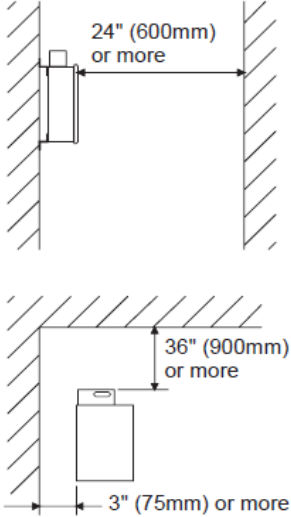
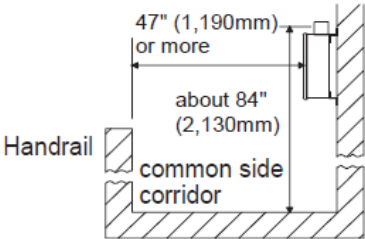
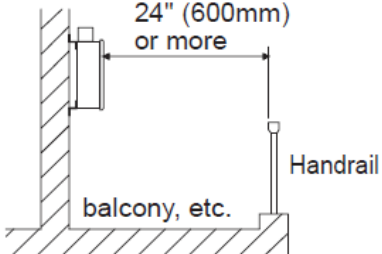
CAUTION

- Noritz America does not recommend installing the appliance outdoors if the ambient temperature drops below 23°F (-5°C). Additional freeze prevention measures are highly recommended if installed outdoors with conditions below these temperatures. Freeze damage is not covered by Noritz.
- The information in this manual is in supplement to the appliance Installation Manual. Outdoor installations following the instructions in this document is permitted.
- Failures and damage caused by erroneous work or work not as instructed in this manual are not covered by Noritz.

Included Accessories

Part	shape	Qty
Remote Controller Cord with Y terminals (10ft)		1
Screws and Anchors (SET)	 Screw - Flat Head Wood 4.1X20	2
	 Dry Wall Anchors 6X25	2
	 Screw - Flat Head Machine M4X35	2
	 Screw - Round Head Machine M3X6	2
Wall Mounting Plate - Operation Panel		1
VC-6 (Outdoor Vent Cap) (SET)		1
NRCB Front Cover for OD Kit		1
Gasket for Power Cord		1
Installation Procedure (this document)		1

Installation Clearances

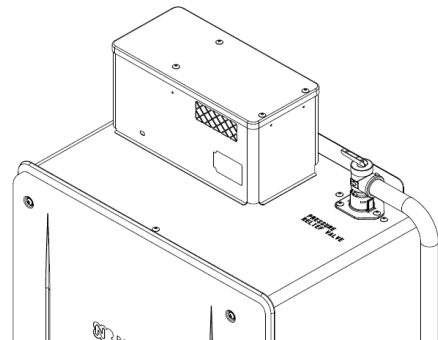
Item	Check	Illustration
Required Clearances From the unit	Maintain the following clearance from both combustible and non-combustible materials.	
Surrounding the area of installation	- When installing the unit in a common side corridor, provide a clearance of 47" (1,190mm) or more in front of the unit. - Set the bottom edge of the exhaust port about 84" (2,130mm) from the corridor floor.	
	- When installing the unit on a balcony, etc., secure an evacuation route of 24" (600mm) or more in width. - Provide clearance of 24" (600mm) or more in front of the unit to facilitate inspection and repair. Do not install the unit in a location where the unit is out of reach, such as the wall of the second floor.	

Procedure

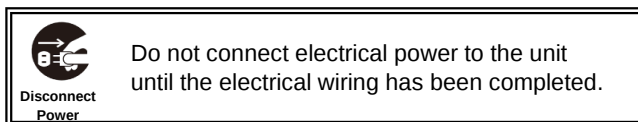
1. Attach VC-6 (Outdoor Vent Cap) (SET)

■ Complete Image

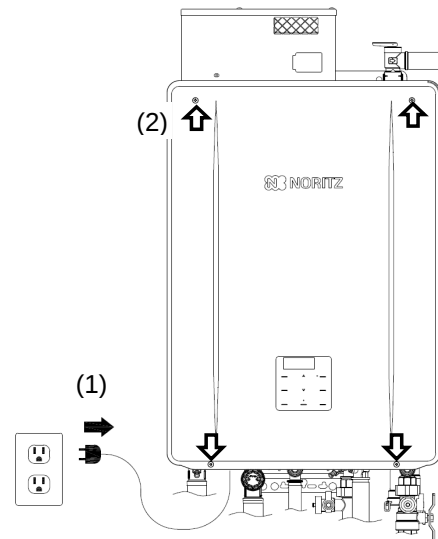
Refer to the Installation Procedure of VC-6 (Outdoor Vent Cap) for installation.

**2. Remove Front Cover**

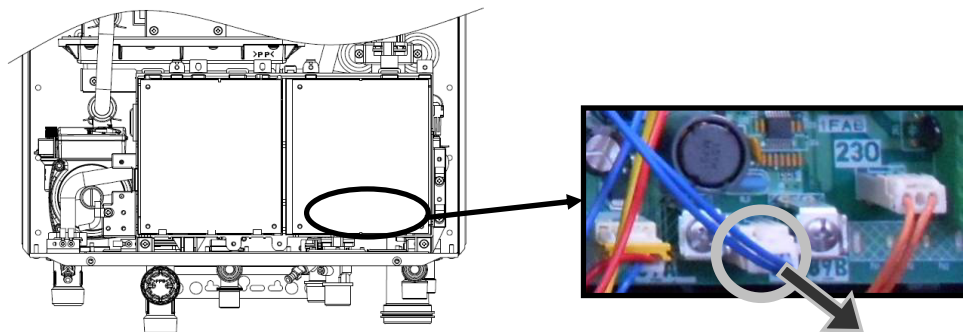
- (1) Make sure that power cord of the unit is disconnected.



- (2) Remove 4 screws w/ washer(M4×12).

**3. Remove Operation Panel from Combi Boiler**

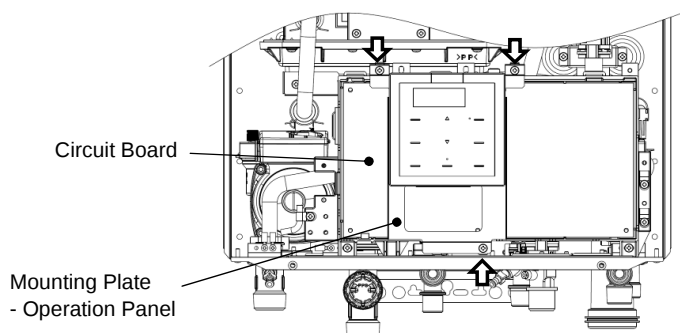
- (1) Unplug Operation Panel connector (white connector #89) from Circuit Board.



Procedure

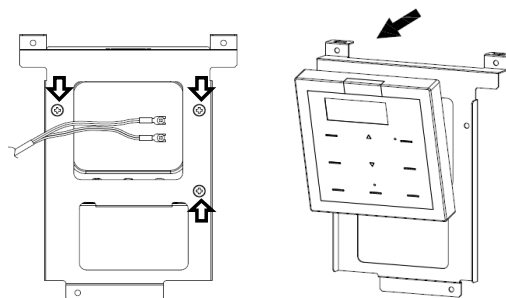
(2) Remove Mounting Plate from Circuit Board.

Remove 3 screws (M4×12).

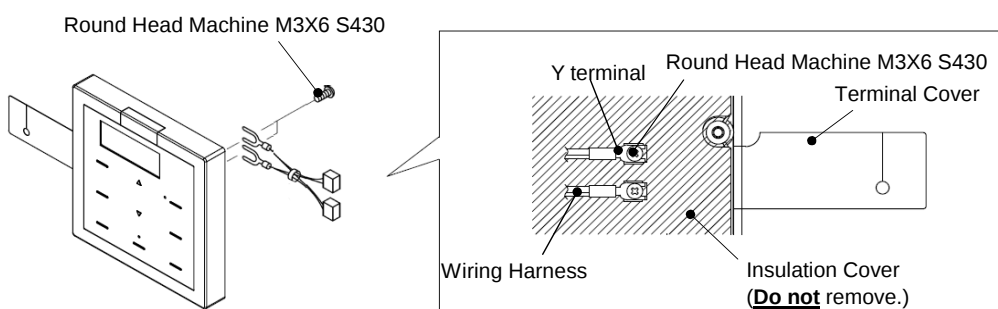


(3) Remove Operation Panel from Mounting Plate.

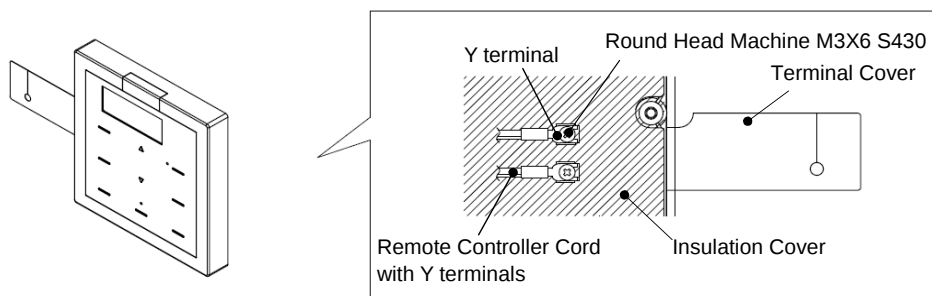
Remove 3 screws (M4×12).



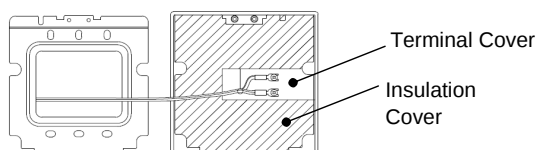
(4) Remove Wiring Harness from Operation Panel.



(5) Attach Remote Controller Cord with Y terminals.



* After connecting the cord, cover Y terminals with Terminal Cover.



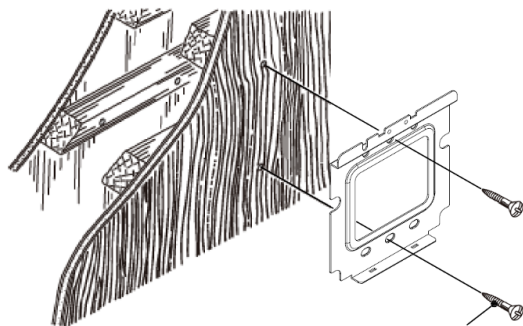
Procedure

4. Secure Wall Mounting Plate to the wall

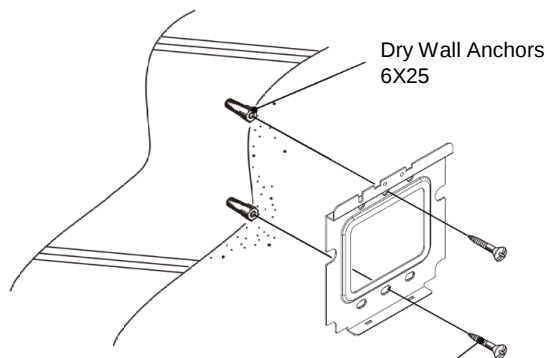
NOTE

Operation Panel cannot be mounted outdoors.

<In case of the Wooden Wall>

Screw - Flat Head
Wood 4.1X20

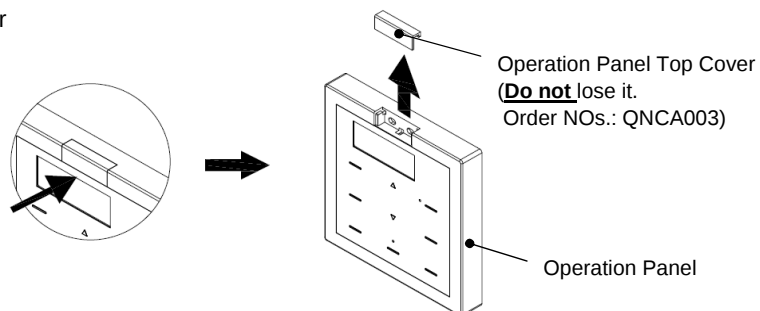
<In case of the Concrete Wall>

Dry Wall Anchors
6X25Screw - Flat Head
Wood 4.1X20

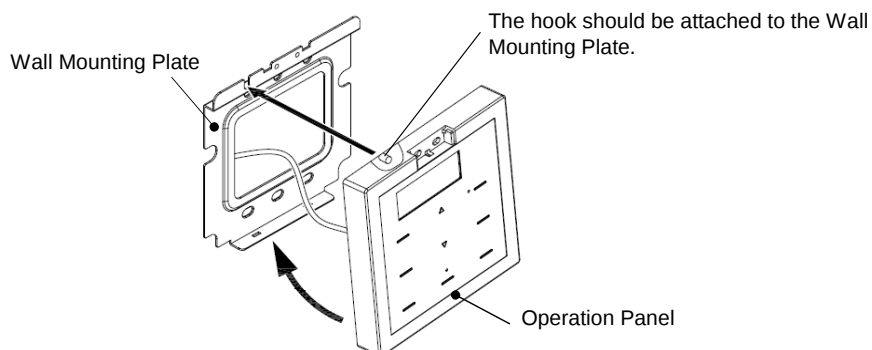
5. Relocating Operation Panel to a remote location

NOTEOperation Panel is not water resistance.
Be sure the location for preventing wet.

(1) Remove Operation Panel Top Cover

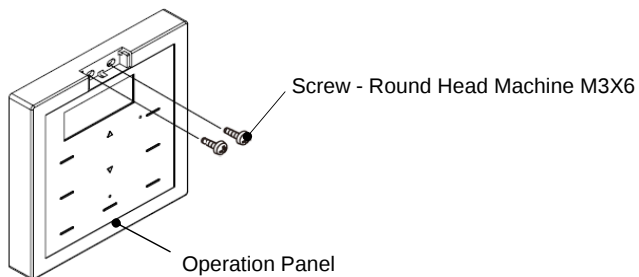


(2) Attach Operation Panel to Wall Mounting Plate.

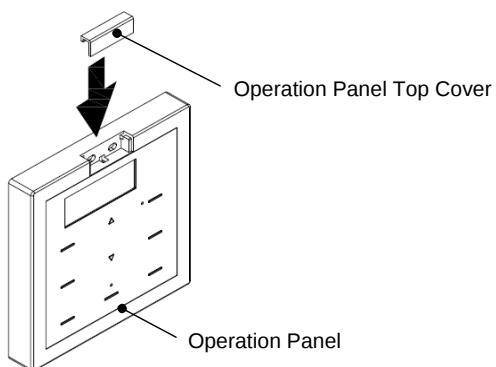


Procedure

(3) Attach Operation Panel to Wall Mounting Plate by Screws - Round Head Machine M3X6.



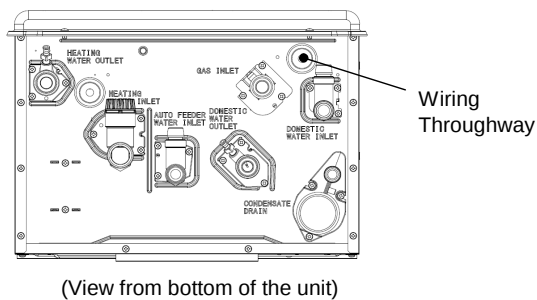
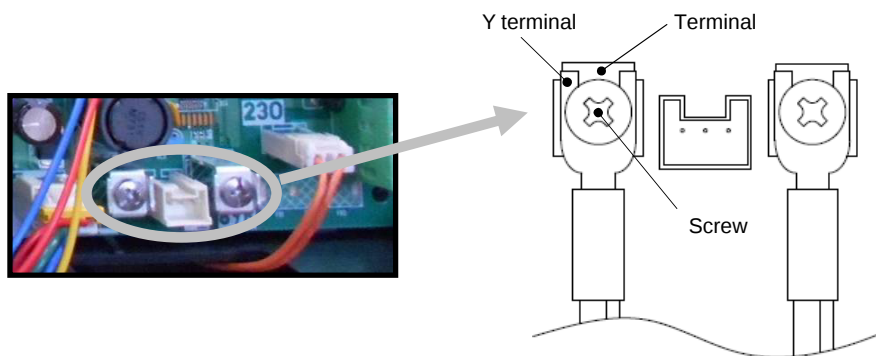
(4) Attach Operation Panel Top Cover to Operation Panel.



6. Plug Operation Panel to the unit

Plug the Y terminals to the Terminals on Circuit Board by 2 screws.

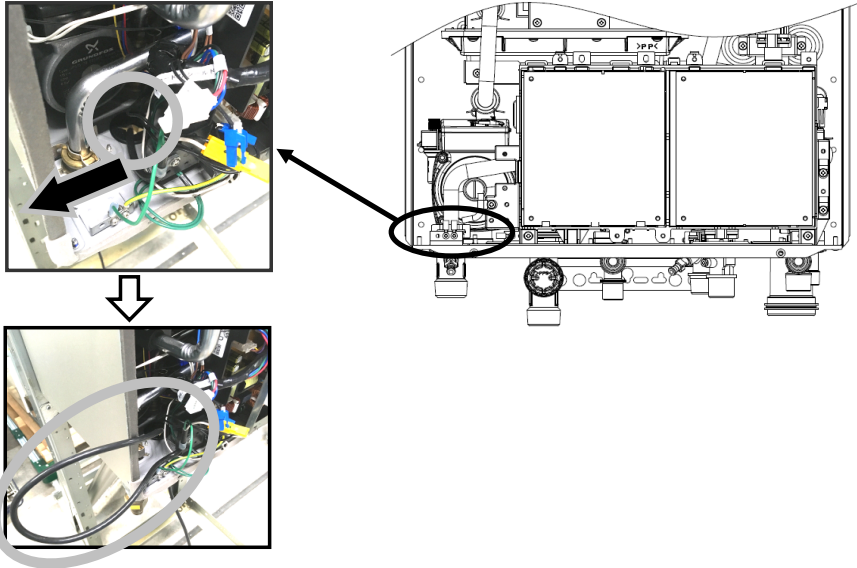
(There is a Wiring Throughway to pass the cord into the unit on the bottom of the unit.)



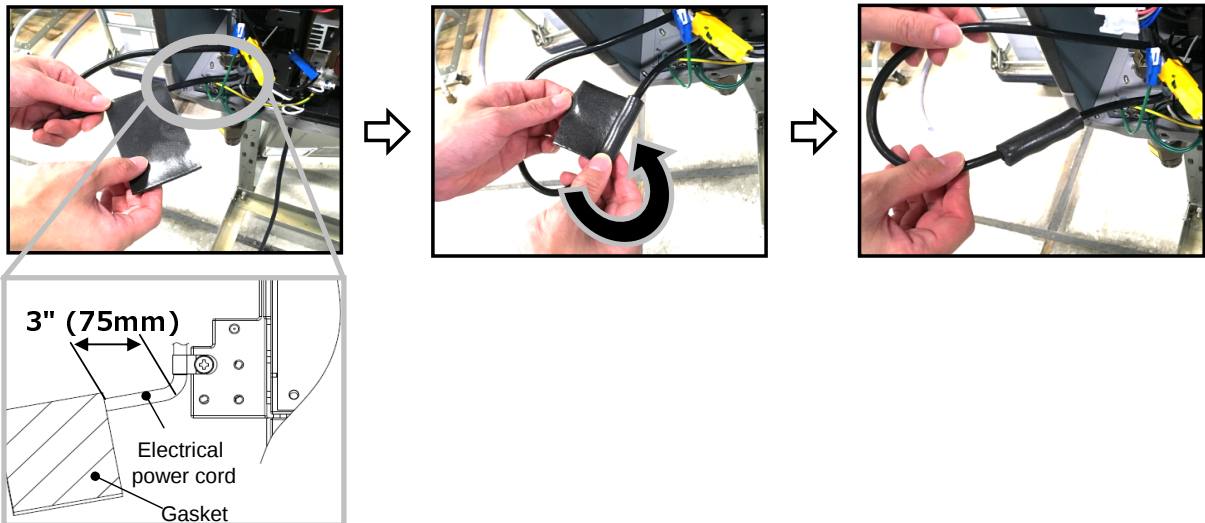
Procedure

7. Attach Gasket to Electrical power cord

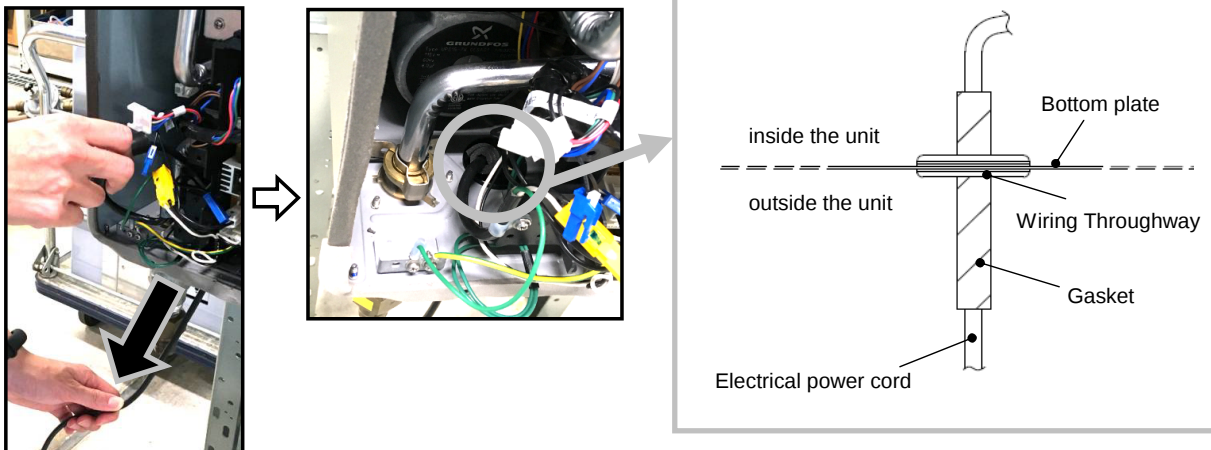
(1) Pull up Electrical power cord from Wiring Throughway.



(2) Wrap Gasket around Electrical power cord, leaving about 3 inch (75mm) from the tied spot.



(3) Pull down Electrical power cord slowly.



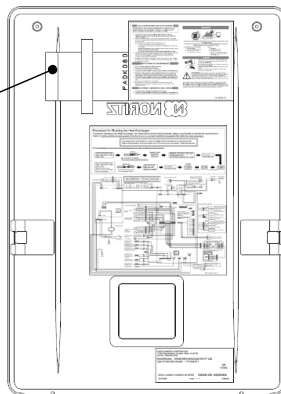
Procedure

8. Attach NRCB Front Cover for OD Kit

- (1) Remove Parts List/Technical sheet from the original Front Cover.

(View from inside of Front Cover)

Parts List/Technical sheet

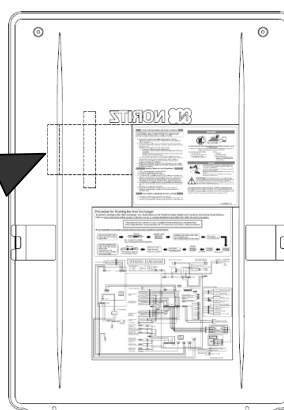


- (2) Attach Parts List/Technical sheet to the new NRCB Front Cover for OD Kit.

(View from inside of NRCB Front Cover for OD Kit)

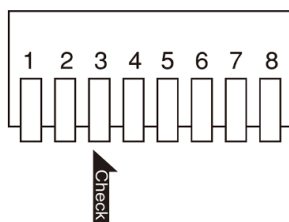
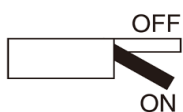
Parts List/Technical sheet

FADK080

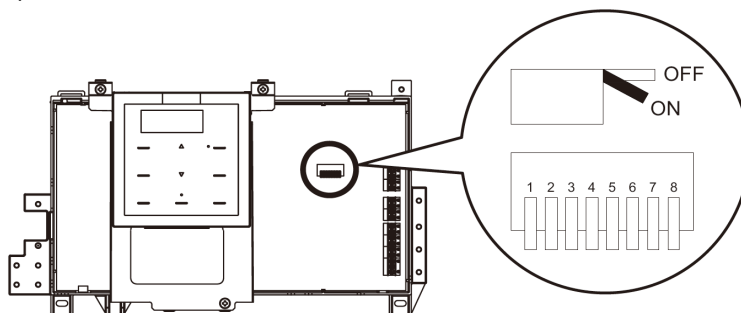


8. Change the dip switch

- (1) Turn ON dip switch* #3.

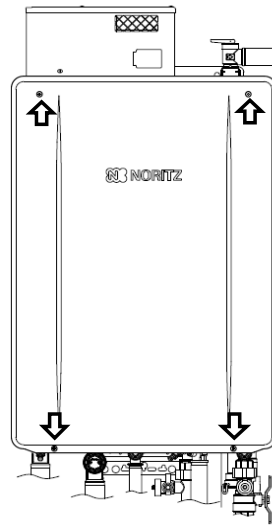


*The dip switch bank is placed on the circuit board.



Procedure

- (2) Attach NRCB Front Cover for OD Kit to the unit with 4 screws w/ washer(M4×12).



9. Try to operate by using the Operation Panel at the remote location

- (1) Connect electrical power to the unit.
- (2) Try to operate by using the Operation Panel at the remote location.

