

Heat Exchanger Replacement

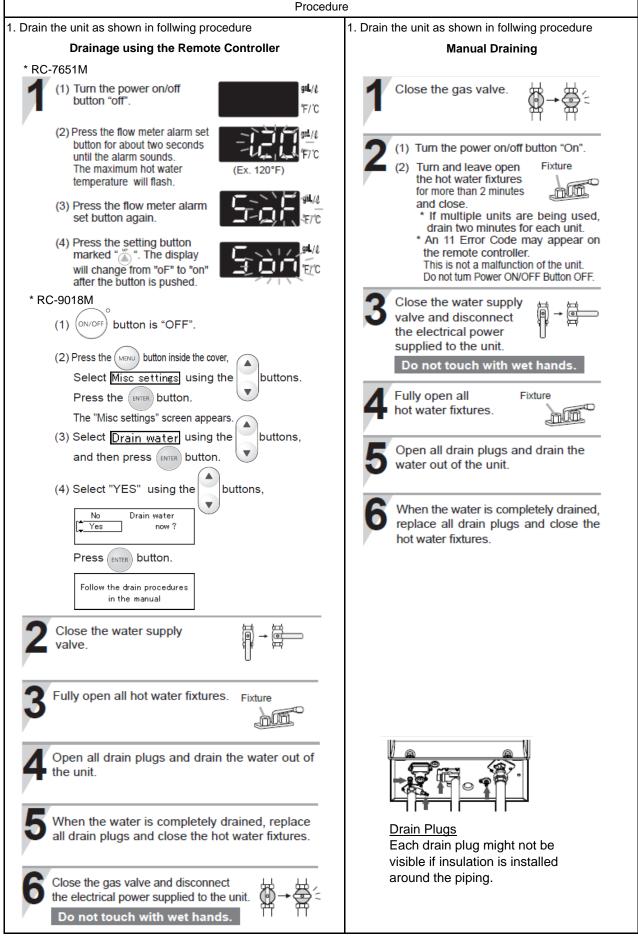
Model Include : NRC1111-OD, NRC1111-DV NCC1991-OD, NCC1991-DV NCC1992-DV NRC111OD(GQ-C3257WX US), NRC111DV(GQ-C3257WX-FF US) NCC199OD(GQ-C3257WZ US), NCC199DV(GQ-C3257WZ-FF US)

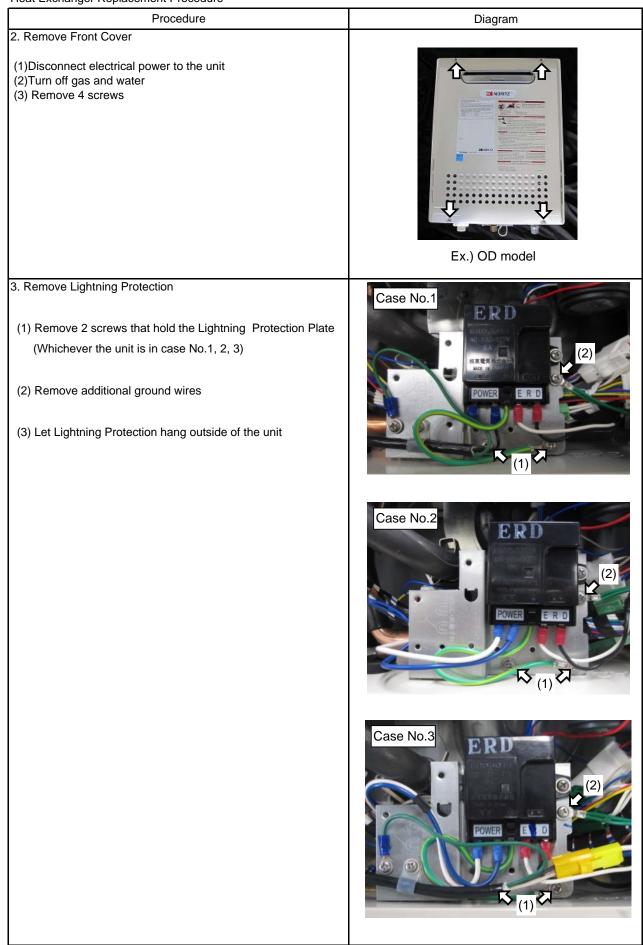
This instructional manual is only intended for use by a qualified service professional or authorized Noritz Service Representative. Any unauthorized use of this manual may result in voiding the warranty.

Please contact Noritz Technical Support (866-766-7489) for additional support.

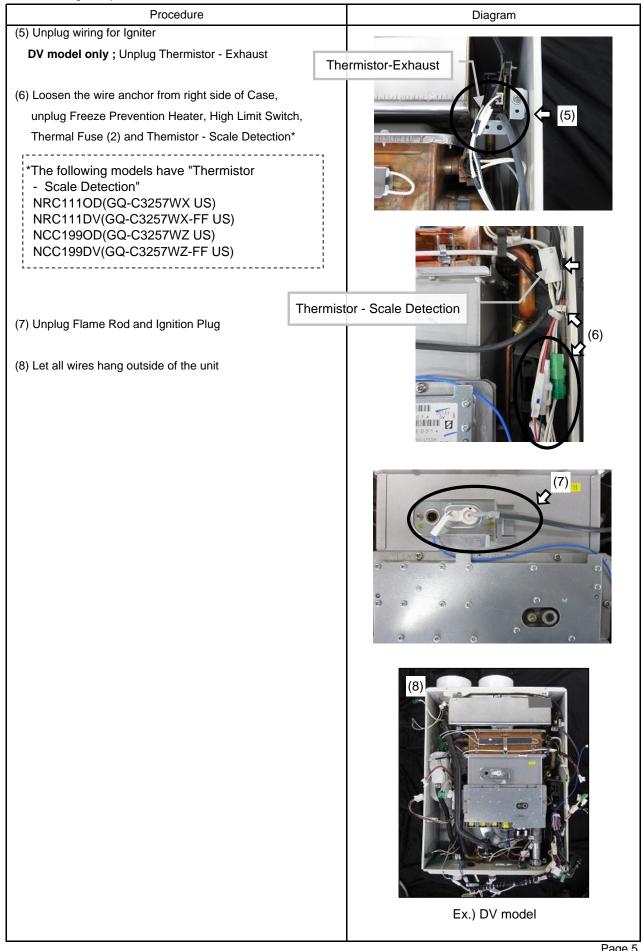
Noritz America Corporation

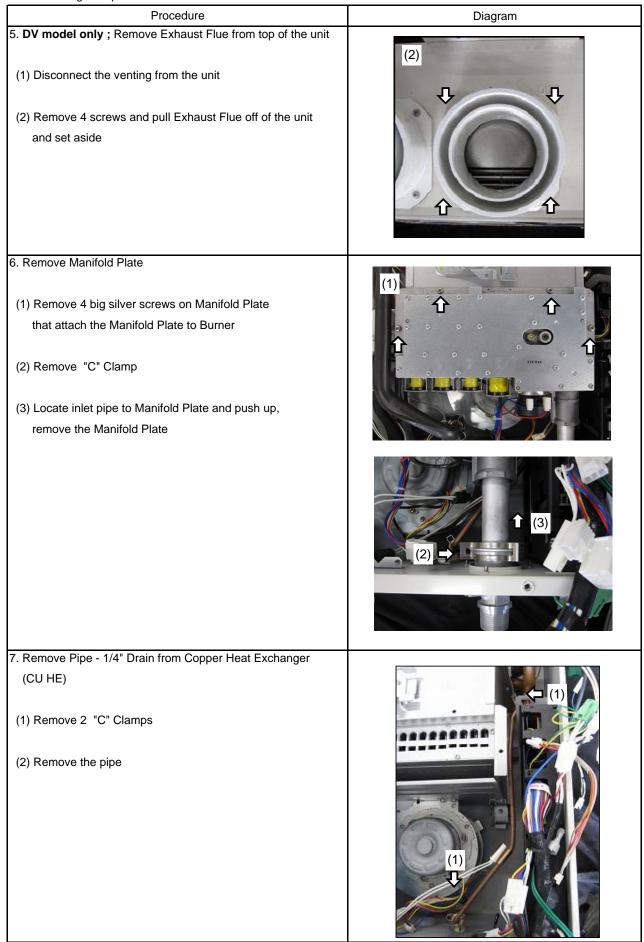
11160 Grace Avenue, Fountain Valley, CA 92708 Phone 866-766-7489 Fax 714-241-1196

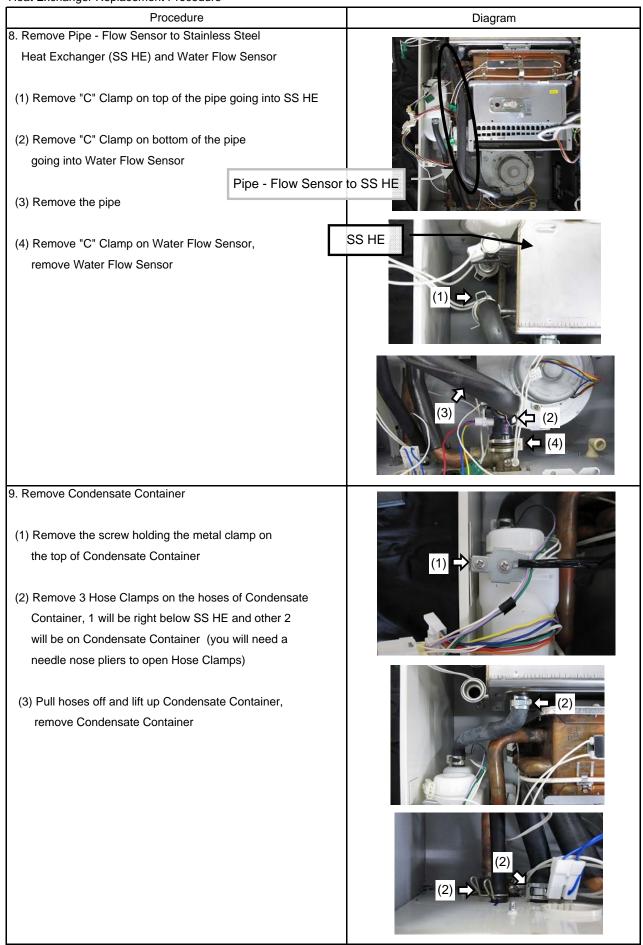




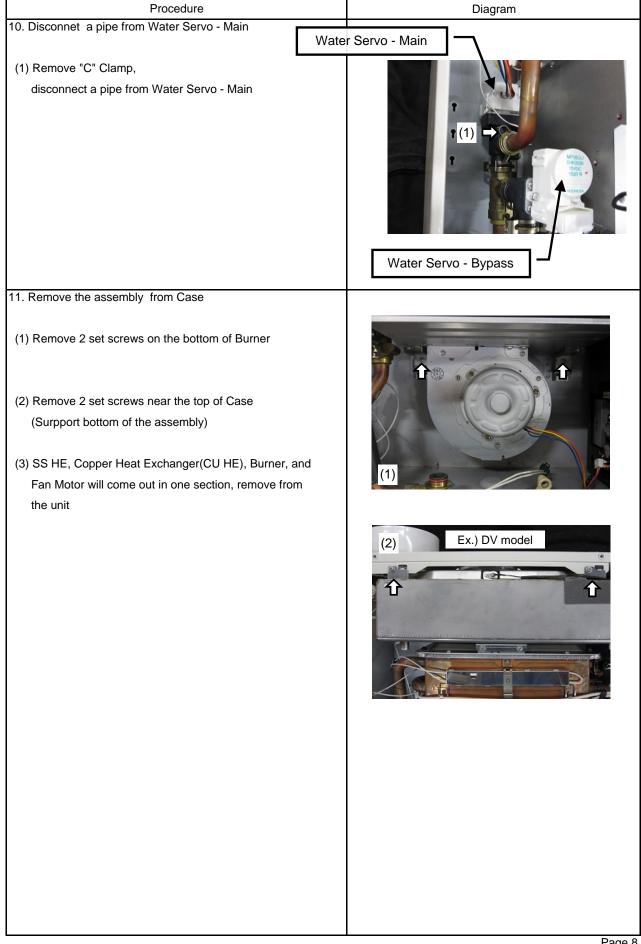
Procedure	Diagram
4. Unplug all wires that attach to the wiring harness	
 and the body of the unit (1) Loosen the wire anchor from left side of Case, unplug Freeze Prevention Heaters (2), remove Cover - Drain (2) Loosen the wire anchor from Condensate Container, unplug Freeze Prevention Heaters (2), Water Servo - Main, Water Level Electrode, and Thermistor - Heat Exchanger 	(1) Cover - Drain
(3) Remove Cable Tie,	
unplug Freeze Prevention Heaters (3),	
Water Servo - Bypass, and Thermistor - Hot Water	
(4) Remove Cable Tie,	
unplug Freeze Prevention Heaters (2),	
Wiring for Fan Motor, Water Flow Sensor,	
Thermistor - Cold Water, and Wiring for Manifold Plate	
	Cable Tie
	Cable Tie

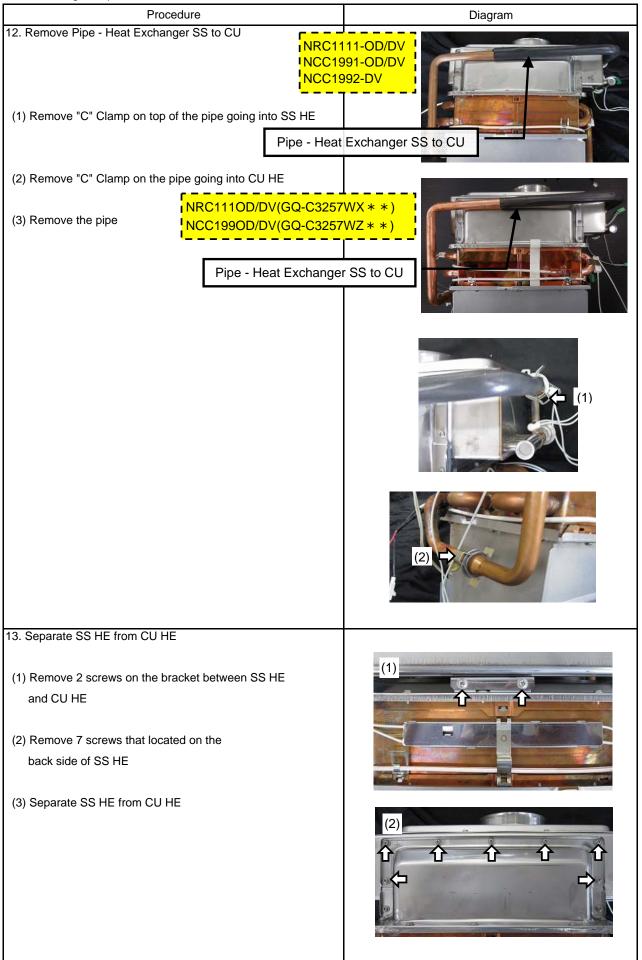


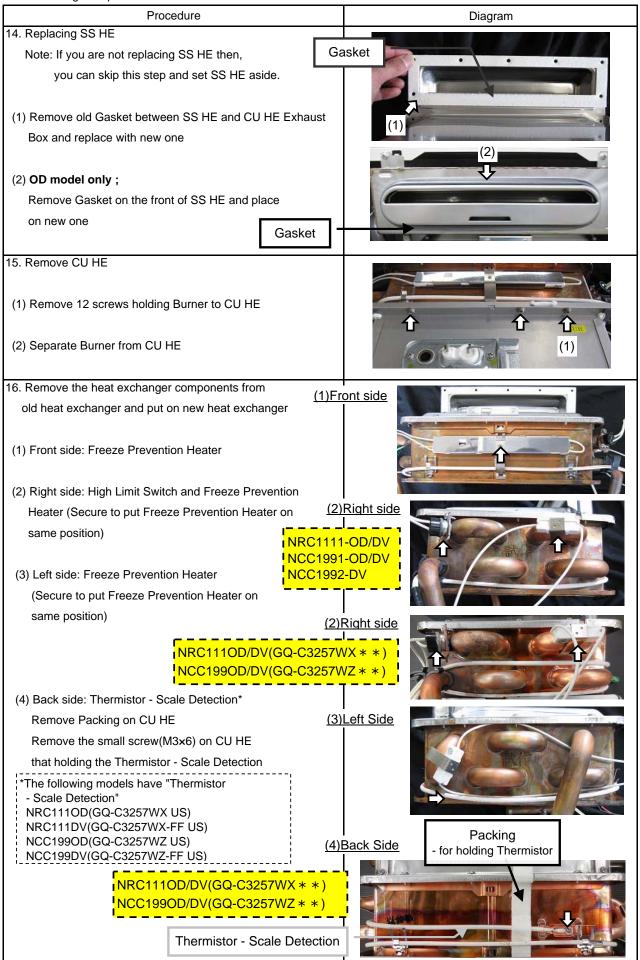


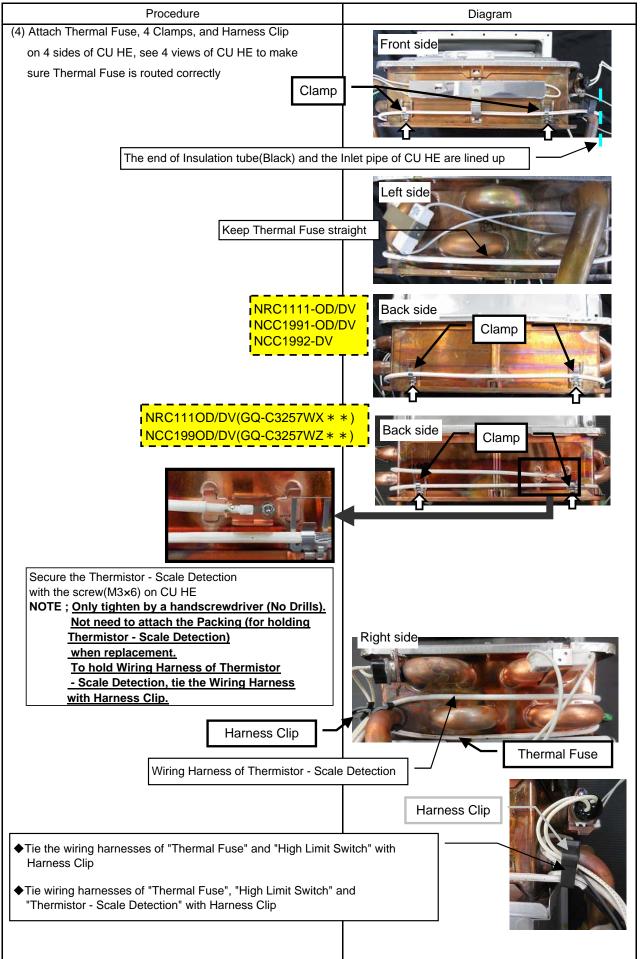


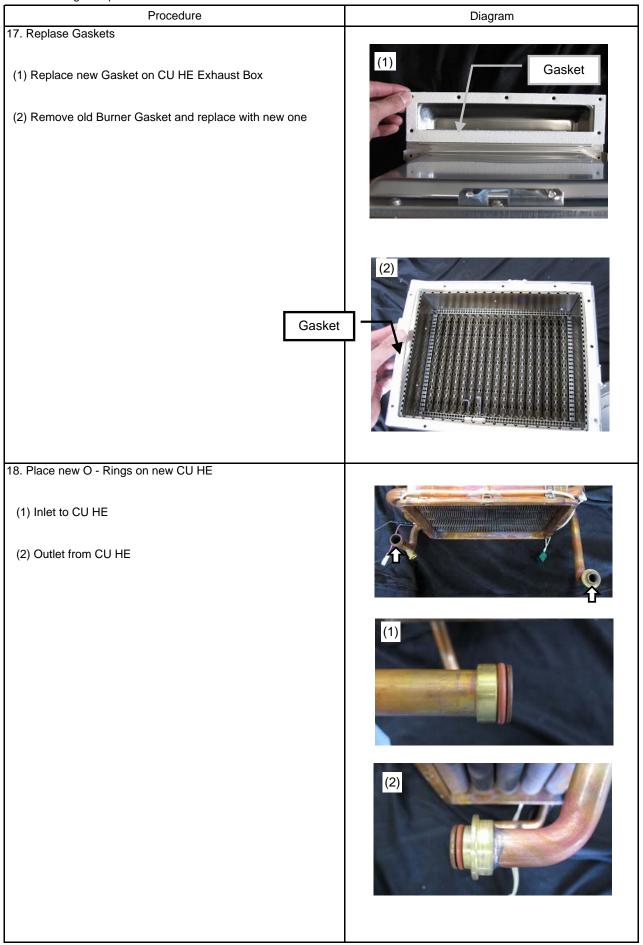
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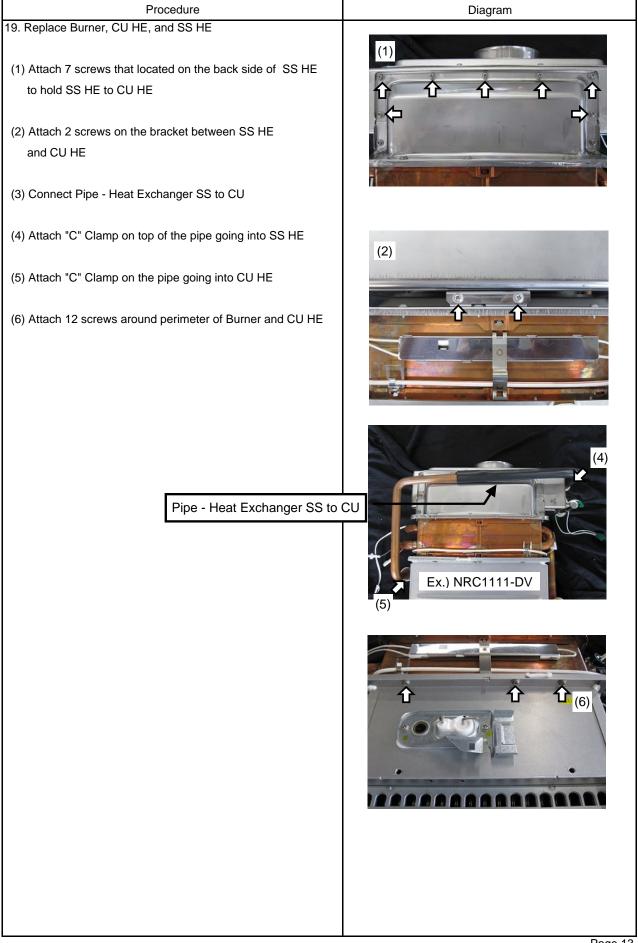




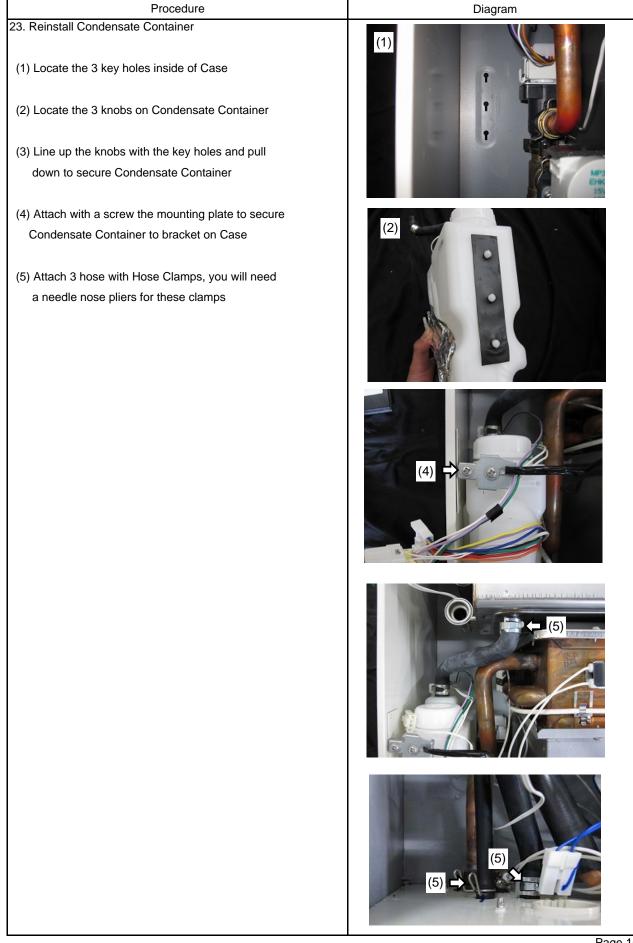


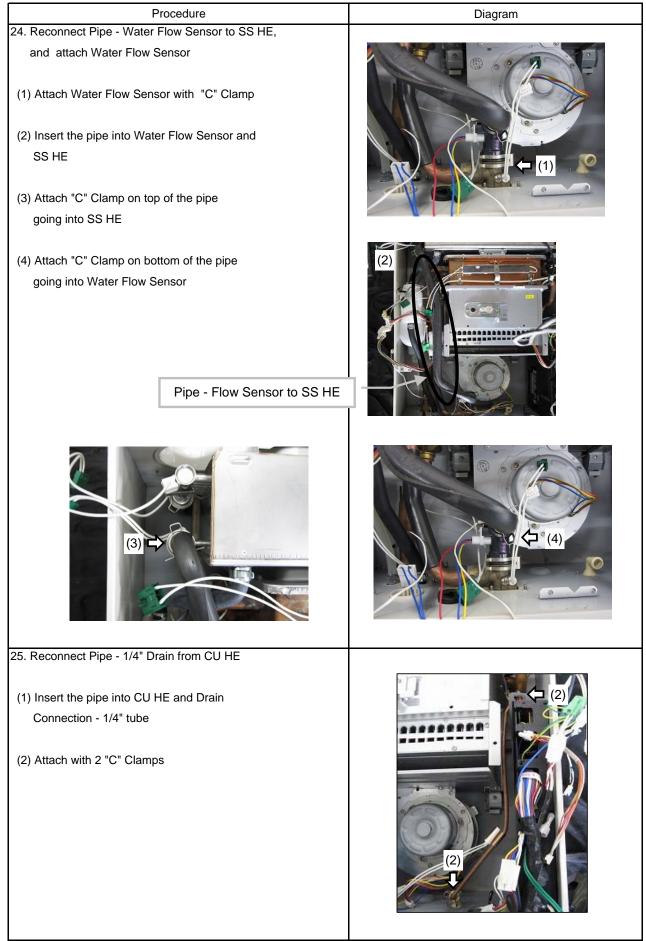


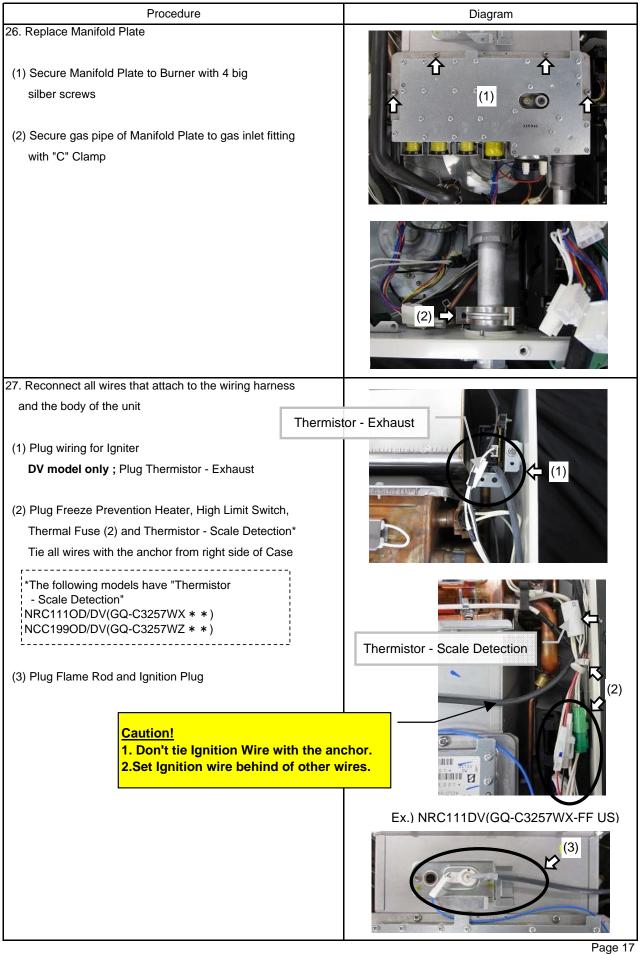


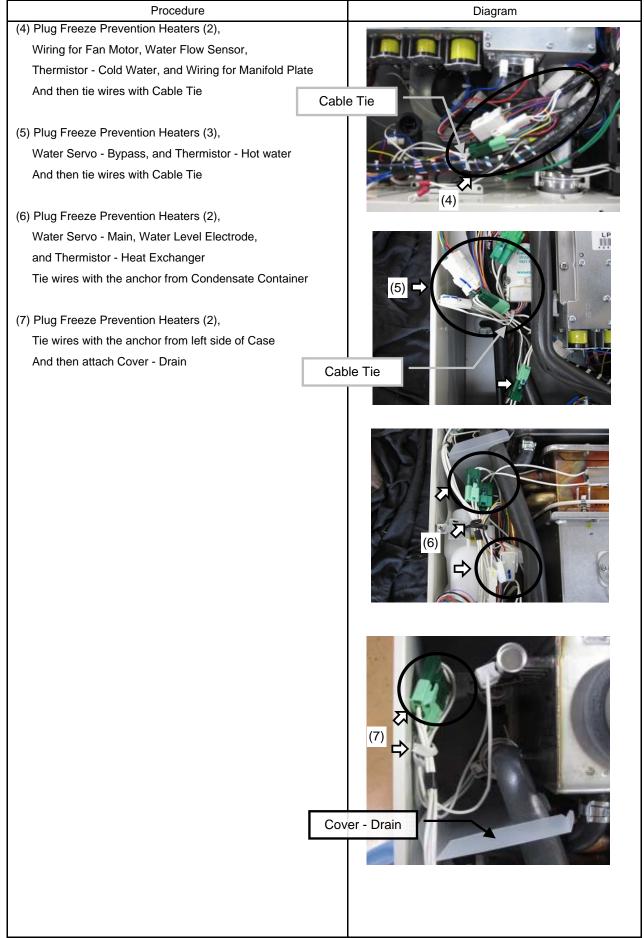


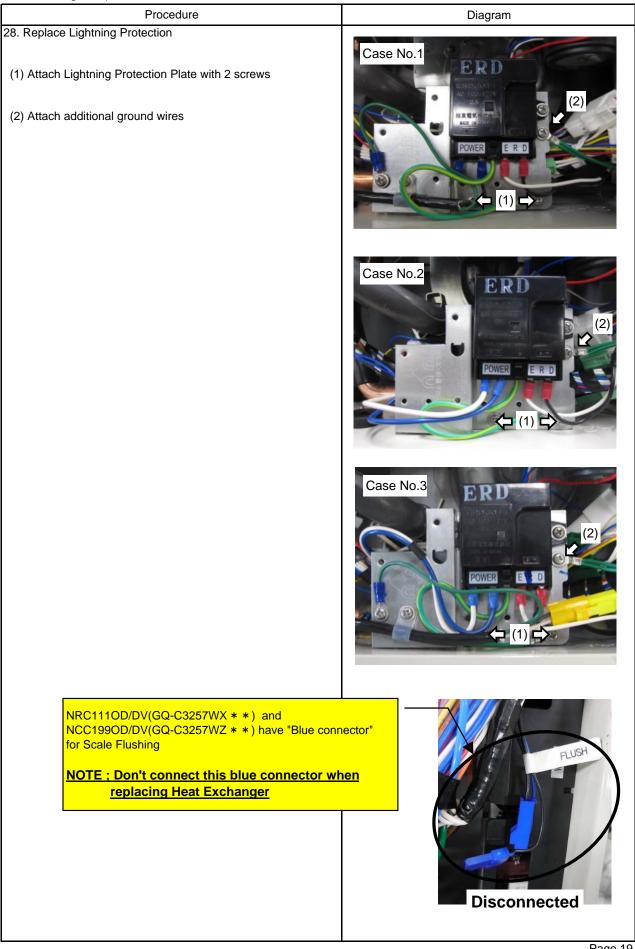
Procedure	Diagram
20. Replace the assembly back inside the case	(1)
(1) Secure 2 set screws near the top of Case	
(2) Secure 2 set screws on the bottom of Burner	Ex.) DV model
21. DV model only; Replace Exhaust Flue on top of the unit	
(1) Attach Exhaust Flue to the unit and secure 4 screws(2) Reconnect the venting to the unit	
22. Reconnect a pipe to Water Servo - Main,	
(1) Insert a pipe to Water Servo - Main, and attach "C" Clamp Water Serve	vo- Main (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)











Procedure	Diagram
29. Check for water leak	(1)
(1) Secure 4 drain valves	
(2) Turn on water inlet valve slowly (check for	
leaks around "C" Clamps)	
(3) If you get leaks, close water inlet valve	
Re-secure "C" Clamps of leaking points	
30. Check for gas leaks and doing trial operation	
(1) Turn on gas supply valve	
(2) Turn on the unit	
Check for leaks around Manifold Plate and joining areas	
For example ; Between Burner and CU HE	
(3) If you get leaks, Close gas supply valve	
Re-secure "C" Clamps of leaking points 31. Replace Front Cover	
(1) Secure Front Cover with 4 screws	Ex.) OD model
32. Check for correct operation of the water heater.	Type A
 The following steps are for "NRC111DV/OD(GQ-C3257WX**)" and "NCC199DV/OD(GQ-C3257WZ**)" (1) Turn on the remote controller The water heater does not need to run now (Do not open the water outlet valve and faucet) (2) Press and hold both the "UP(▲)" and "DOWN(▼)" buttons simultaneously for more than 2 seconds to enter the Maintenance Monitor mode* "03" will first appear on the remote controller *The maintenance monitor data No. will appear on the display for 2 seconds, and then the data will appear 	
(Type A remote controller only)	Ex.) This shows the data No.35 "75°F"
 (3) Push the "UP(▲)" button until you see the data No.35** **The data No.35 shows the "Temperature of Thermistor- Scale Detection" 	(Thermistor-ScaleDetection detects "75°F)
 Scale Detection (4) Turn on the gas supply valve, and then open the water supply valve and faucet (water outlet valve) to run the water heater for at least 1 minute. (5) Check whether the data No.35 rises when the water heater is running 	Image: State of the state
 (The water heater operation is correct if it displays more than 32°F) If the temperature does not rise or displays 32°F, then the connection to the Thermistor-Scale Detection need to be checked and repeat (1) - (5) in step 32 	ON/OFF (ROG) ALARM III Unit No Item Data O 0 235 075
(6) Press and hold both the "UP(\blacktriangle)" and "DOWN(∇)" buttons	Ex.) This shows the data No.35 rises "75°F" to
simultaneously for more than 2 seconds to return	"125°F" when the water heater is running
normal mode	