

# Instinct Hydroblock Replacement



Kit Part Number	Description	Model
INSRKIT60	Hydroblock Replacement	All Instincts

### Each Kit Includes:

- Hydroblock
- Hydroblock O ring

### Recommended Tools:

- Phillips head screwdriver
- Torx Screwdriver



Fig. 1: Hydroblock

### WARNING

Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.

### NOTICE

Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.

### WARNING

For your safety, turn off electrical power supply at service panel and allow unit to cool before proceeding to avoid possible electrical shock and scald hazard. Failure to do so can cause severe personal injury or death.

### WARNING

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician only.
- Read all instructions before proceeding.
- Follow instructions in proper order.

# Instinct Hydroblock Replacement



## 1. Preliminary Instructions

1. Verify that the pressure sensor replacement kit is correct for the model of boiler. See table on page 1.
2. Carefully open and unpack the PARTS BOX from its shipping carton.
3. Carefully remove and check for any damage.

### NOTICE

*Installing a damaged hydroblock will cause malfunction of the boiler. Contact Triangle Tube right away if the pressure sensor is damaged in any way.*

4. Turn off the electrical power supply to the boiler.
5. Close the manual gas shut off valve to the unit.

## 2. Drain the boiler

1. Turn power to the unit "OFF"
2. Close all isolation valves on the system piping to the boiler. Close the fill valve line to the system.
3. Connect a garden hose to the boiler drain.
4. Direct the hose to a suitable place of drainage. Ensure boiler drain connection is between the boiler and the closed isolation valve.
5. Open the drain valve and begin draining the boiler.



**Water from the boiler drain connection may be extremely hot. To avoid personal injury, death or substantial property damage:**

- Tighten all drain hose connections to avoid leakage.
- Direct hot water away from all persons.

## 3. Hydroblock Removal

1. Remove the screw from the bottom of the front panel. Remove the front panel of the boiler. Pull the panel up and forward to remove the front panel from the unit. Do not discard the screws.

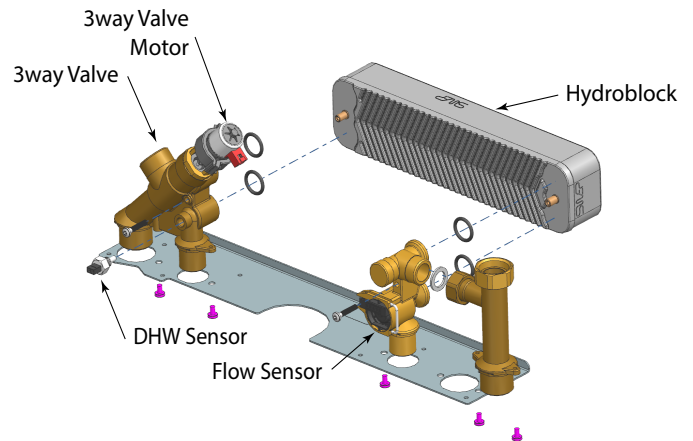


Fig. 2: Hydroblock

2. Remove the two torx screws securing the hydroblock to the piping fittings. Do not discard these screws as they will be reused.

### NOTICE

*When removing the torx screws, alternate loosening the screws throughout the process instead of unscrewing one screw all the way before switching to the other.*

3. Remove and discard the 4 O-Rings from the inside of the fittings connecting to the hydroblock.

## 4. Pressure Sensor Installation

1. Insert the new O-Rings into the four opening connecting the fittings to the hydroblock.



**Ensure the O-Rings are properly seating before installing hydroblock. Incorrectly installed O-Rings will lead to water leaks. Water from the boiler may be extremely hot. To avoid personal injury, death or substantial property damage:**

2. Install the hydroblock by holding the hydroblock to the fittings, securing the O-Rings in place, and tightening the torx screws.

# Instinct Hydroblock Replacement



## NOTICE

*When tightening the torx screws, alternate tightening the screws throughout the process instead of screwing one screw all the way before switching to the other.*

3. Open all isolation valves and the fill system on the boiler to refill the unit. Check for leaks around the fittings and tighten if necessary.
4. Re-installing the front jacket panel.
5. Reconnect power supply and return the boiler back to service.