

## EN Thermostat Replacement (Spark Ignition Models) Service Kit Instructions

### USA & CANADA

Service Office  
Dometic Corporation  
5155 Verdant Drive  
Elkhart, IN, USA 46514

Service Center & Dealer Locations  
Visit: [www.dometic.com](http://www.dometic.com)

This SKI contains important supplementary information or notifications for the water heater thermostat. It is not intended to provide all information, instruction, and/or safety messaging related to the product. For complete information, refer to the product manuals.

Kit Contents	Description
91459, 91450	Thermostat and ECO Assembly
91988, 94876	Seals
93219	Service Kit Instructions

The images used in this document are for reference purposes only. Components and component locations may vary according to specific product models.

### 1 Explanation of Symbols and Safety Instructions

This SKI has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

#### 1.1 Recognize Safety Information

**This is the safety alert symbol.** It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

#### 1.2 Understand Signal Words

A signal word will identify safety messages and property damage messages, and also will indicate the degree or level of hazard seriousness.

**WARNING**  
Indicates a hazardous situation that, if **not** avoided, could result in death or serious injury.

**NOTICE:** Used to address practices **not** related to physical injury.

Indicates additional information that is not related to physical injury.

REVISION C Form No. 93219 09/21 | ©2021 Dometic Corporation

## EN Thermostat Replacement (Spark Ignition Models) Service Kit Instructions

### USA & CANADA

Service Office  
Dometic Corporation  
5155 Verdant Drive  
Elkhart, IN, USA 46514

Service Center & Dealer Locations  
Visit: [www.dometic.com](http://www.dometic.com)

This SKI contains important supplementary information or notifications for the water heater thermostat. It is not intended to provide all information, instruction, and/or safety messaging related to the product. For complete information, refer to the product manuals.

Kit Contents	Description
91459, 91450	Thermostat and ECO Assembly
91988, 94876	Seals
93219	Service Kit Instructions

The images used in this document are for reference purposes only. Components and component locations may vary according to specific product models.

### 1 Explanation of Symbols and Safety Instructions

This SKI has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

#### 1.1 Recognize Safety Information

**This is the safety alert symbol.** It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

#### 1.2 Understand Signal Words

A signal word will identify safety messages and property damage messages, and also will indicate the degree or level of hazard seriousness.

**WARNING**  
Indicates a hazardous situation that, if **not** avoided, could result in death or serious injury.

**NOTICE:** Used to address practices **not** related to physical injury.

Indicates additional information that is not related to physical injury.

REVISION C Form No. 93219 09/21 | ©2021 Dometic Corporation

## EN Thermostat Replacement (Spark Ignition Models) Service Kit Instructions

### USA & CANADA

Service Office  
Dometic Corporation  
5155 Verdant Drive  
Elkhart, IN, USA 46514

Service Center & Dealer Locations  
Visit: [www.dometic.com](http://www.dometic.com)

This SKI contains important supplementary information or notifications for the water heater thermostat. It is not intended to provide all information, instruction, and/or safety messaging related to the product. For complete information, refer to the product manuals.

Kit Contents	Description
91459, 91450	Thermostat and ECO Assembly
91988, 94876	Seals
93219	Service Kit Instructions

The images used in this document are for reference purposes only. Components and component locations may vary according to specific product models.

### 1 Explanation of Symbols and Safety Instructions

This SKI has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

#### 1.1 Recognize Safety Information

**This is the safety alert symbol.** It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

#### 1.2 Understand Signal Words

A signal word will identify safety messages and property damage messages, and also will indicate the degree or level of hazard seriousness.

**WARNING**  
Indicates a hazardous situation that, if **not** avoided, could result in death or serious injury.

**NOTICE:** Used to address practices **not** related to physical injury.

Indicates additional information that is not related to physical injury.

REVISION C Form No. 93219 09/21 | ©2021 Dometic Corporation

## EN Thermostat Replacement (Spark Ignition Models) Service Kit Instructions

### USA & CANADA

Service Office  
Dometic Corporation  
5155 Verdant Drive  
Elkhart, IN, USA 46514

Service Center & Dealer Locations  
Visit: [www.dometic.com](http://www.dometic.com)

This SKI contains important supplementary information or notifications for the water heater thermostat. It is not intended to provide all information, instruction, and/or safety messaging related to the product. For complete information, refer to the product manuals.

Kit Contents	Description
91459, 91450	Thermostat and ECO Assembly
91988, 94876	Seals
93219	Service Kit Instructions

The images used in this document are for reference purposes only. Components and component locations may vary according to specific product models.

### 1 Explanation of Symbols and Safety Instructions

This SKI has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

#### 1.1 Recognize Safety Information

**This is the safety alert symbol.** It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

#### 1.2 Understand Signal Words

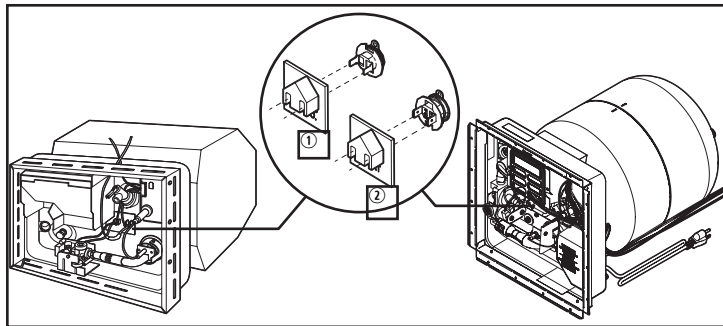
A signal word will identify safety messages and property damage messages, and also will indicate the degree or level of hazard seriousness.

**WARNING**  
Indicates a hazardous situation that, if **not** avoided, could result in death or serious injury.

**NOTICE:** Used to address practices **not** related to physical injury.

Indicates additional information that is not related to physical injury.

REVISION C Form No. 93219 09/21 | ©2021 Dometic Corporation



① ECO ② Thermostat

## 2 Thermostat Removal

### ⚠ WARNING: ELECTRIC SHOCK HAZARD.

Turn the power off before performing any electrical installation or maintenance activities. Failure to obey this warning could result in death or serious injury.

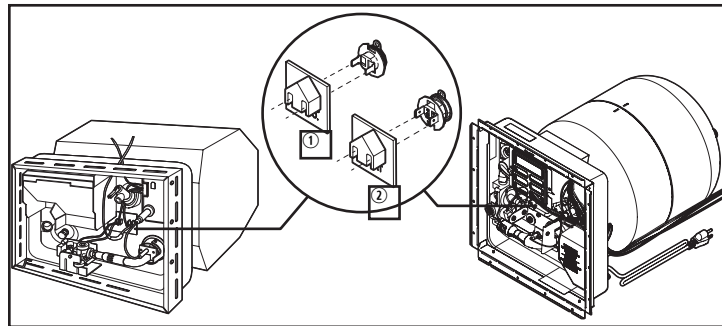
**i** Label all wires before disconnecting when servicing.

1. Turn the water heater switch to the OFF position.
2. Disconnect the brown and red wires from the thermostat and the ECO terminal connections.
3. Peel off the black foam cover and discard.
4. Remove the washer, spring, and thermostat from behind the metal tabs on the water heater combustion pan.

## 3 Thermostat Installation

**NOTICE:** Do **not** operate the water heater without water in the tank.

1. Facing the water heater, place the thermostat in the right cutout and the ECO in the left cutout.
2. Place the spring and washer behind the metal tabs on the water heater combustion pan. The springs should hold the thermostat and ECO against the water heater tank.
3. Apply the new black foam cover.
4. Connect the brown wires to the thermostat.
5. Connect the red wires to the ECO.
6. Turn on the water heater.



① ECO ② Thermostat

## 2 Thermostat Removal

### ⚠ WARNING: ELECTRIC SHOCK HAZARD.

Turn the power off before performing any electrical installation or maintenance activities. Failure to obey this warning could result in death or serious injury.

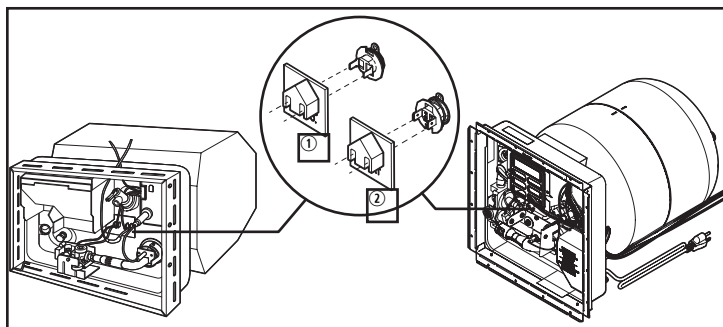
**i** Label all wires before disconnecting when servicing.

1. Turn the water heater switch to the OFF position.
2. Disconnect the brown and red wires from the thermostat and the ECO terminal connections.
3. Peel off the black foam cover and discard.
4. Remove the washer, spring, and thermostat from behind the metal tabs on the water heater combustion pan.

## 3 Thermostat Installation

**NOTICE:** Do **not** operate the water heater without water in the tank.

1. Facing the water heater, place the thermostat in the right cutout and the ECO in the left cutout.
2. Place the spring and washer behind the metal tabs on the water heater combustion pan. The springs should hold the thermostat and ECO against the water heater tank.
3. Apply the new black foam cover.
4. Connect the brown wires to the thermostat.
5. Connect the red wires to the ECO.
6. Turn on the water heater.



① ECO ② Thermostat

## 2 Thermostat Removal

### ⚠ WARNING: ELECTRIC SHOCK HAZARD.

Turn the power off before performing any electrical installation or maintenance activities. Failure to obey this warning could result in death or serious injury.

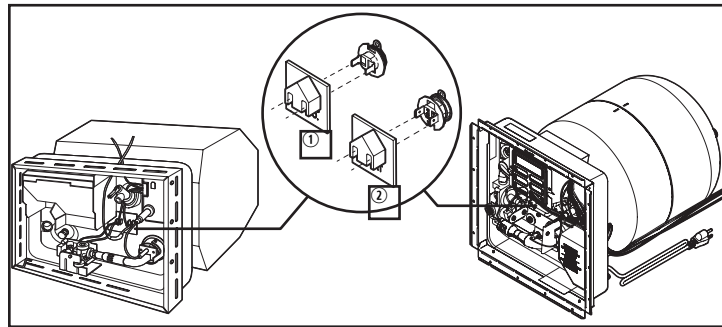
**i** Label all wires before disconnecting when servicing.

1. Turn the water heater switch to the OFF position.
2. Disconnect the brown and red wires from the thermostat and the ECO terminal connections.
3. Peel off the black foam cover and discard.
4. Remove the washer, spring, and thermostat from behind the metal tabs on the water heater combustion pan.

## 3 Thermostat Installation

**NOTICE:** Do **not** operate the water heater without water in the tank.

1. Facing the water heater, place the thermostat in the right cutout and the ECO in the left cutout.
2. Place the spring and washer behind the metal tabs on the water heater combustion pan. The springs should hold the thermostat and ECO against the water heater tank.
3. Apply the new black foam cover.
4. Connect the brown wires to the thermostat.
5. Connect the red wires to the ECO.
6. Turn on the water heater.



① ECO ② Thermostat

## 2 Thermostat Removal

### ⚠ WARNING: ELECTRIC SHOCK HAZARD.

Turn the power off before performing any electrical installation or maintenance activities. Failure to obey this warning could result in death or serious injury.

**i** Label all wires before disconnecting when servicing.

1. Turn the water heater switch to the OFF position.
2. Disconnect the brown and red wires from the thermostat and the ECO terminal connections.
3. Peel off the black foam cover and discard.
4. Remove the washer, spring, and thermostat from behind the metal tabs on the water heater combustion pan.

## 3 Thermostat Installation

**NOTICE:** Do **not** operate the water heater without water in the tank.

1. Facing the water heater, place the thermostat in the right cutout and the ECO in the left cutout.
2. Place the spring and washer behind the metal tabs on the water heater combustion pan. The springs should hold the thermostat and ECO against the water heater tank.
3. Apply the new black foam cover.
4. Connect the brown wires to the thermostat.
5. Connect the red wires to the ECO.
6. Turn on the water heater.