

GTEMP-0225 Rev 1

# Replacing the Stop Switch



**WARNING:** Before removing the covers, you **MUST** switch OFF the unit **AND** disconnect the unit from the main power supply by switching OFF the circuit breaker in the electrical cabinet.

**ONLY** an approved Carestream technician is qualified to inspect or maintain the unit while it is switched on and while the covers are removed. In this case, **NO** unqualified person must approach the unit.

## 1. Description

The stop switch has the [CPA38 Cable](#) attached to it and allows you to turn the unit off.

### Tool Requirements

You must supply the following tools:

- Metric allen keys.
- Metric spanners.
- Flathead screwdriver.

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**Note:** The tool references mentioned in this guide are ISO tool references.


## Before Removing or Replacing the Stop Switch

Before removing or replacing the stop switch, make sure that:

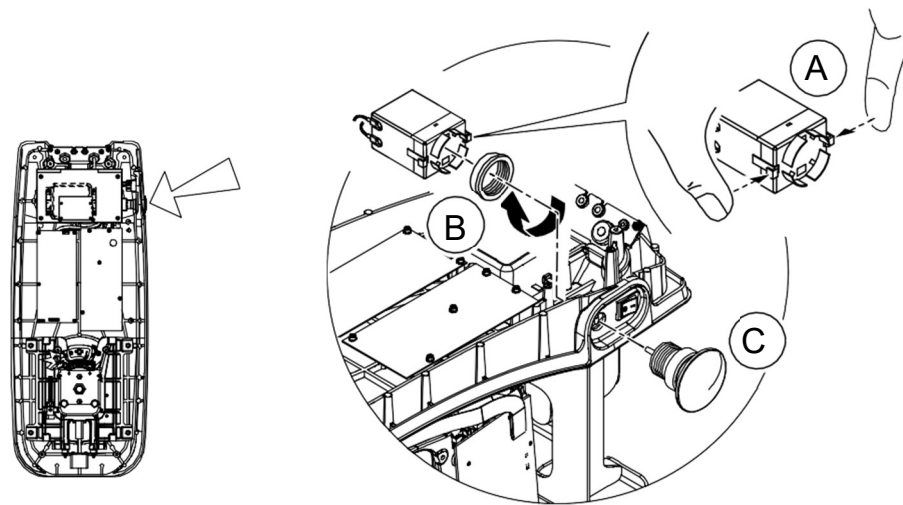
- The unit is **disconnected from the main power supply** by switching **off** the circuit breaker in the electrical cabinet.
- The unit is switched **off**.
- The head cover is removed.
- You have the required tools.
- You have the appropriate new stop switch.

## 2. Removing the Stop Switch

To remove the stop switch, follow these steps:

1. Disconnect the cables from the CJ856 motor board.
2. Remove the four screws and the CJ856 motor board.
3. Disconnect the stop switch cables from:
  - CN1 on the JZ038 general power supply board.
  - J4 on the JZ036 PFC board.
4. Inside the head, squeeze the two tabs on the fitting on the back of the red switch and remove it with the cable attached to it. 

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5. Inside the head, unscrew the plastic ring on the back of the stop switch. (B)
6. Remove the red stop switch. (C)

### 3. Replacing the Stop Switch

To replace the stop switch, follow these steps:

1. Squeeze the two tabs on the back of the new stop switch and remove the fitting with the cables attached to it (A).
2. Unscrew the plastic ring from the back of the red stop switch.

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3. Insert the red stop switch into the hole in the side of the head. (C)
4. Screw the plastic ring onto the back of the red stop switch. (B)
5. In the head, connect the fitting with the cables attached to it to the back of the stop switch.
6. Connect the cables to:
  - CN1 on the JZ038 general power supply board.
  - J4 on the JZ036 PFC board.
7. Position the CJ856 motor board in place so that the CJ848 microprocessor board is furthest away from the column.
8. Insert and tighten the four screws.
9. Connect the cables to the CJ856 motor board.

Each cable is labelled with the reference number of the connector on the CJ856 motor board.

## 4. Testing the Stop Switch

To test the stop switch, follow these steps:

1. Acquire an image to verify that the stop switch is correctly replaced.
2. Press the stop switch to verify that it turns the machine off.
3. Switch on the unit again.
4. Register the intervention using the **Service Tool**.

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