

GTEMP-0225 Rev 1

## Replacing the Line Filter



**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 line filter enables line voltage noise filtering.

### 2. Removing the Line Filter

#### 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 Line Filter

Before removing or replacing the line filter, 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 find a safe place to keep the motor board that you will remove and replace.
- You have the appropriate new line filter.

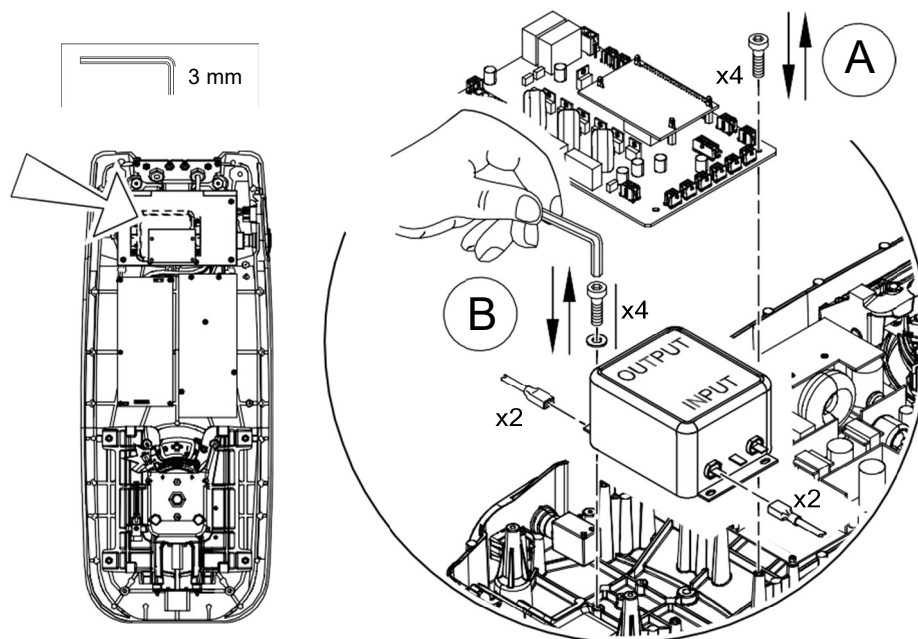
**Global Replacement Notice**

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To remove the line filter, follow these steps:

1. Disconnect the cables from the motor board.
2. Remove the four screws holding the motor board in place. (A)

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3. Remove the motor board.
4. Note the position of the line filter.

The OUTPUT terminals are on the switch side of the head.

5. Disconnect the two INPUT cables and two OUTPUT cables from the line filter. (B)
6. Remove the four screws.
7. Remove the line filter.

### 3. Replacing the Line Filter

To replace the line filter, follow these steps:

1. Position the line filter with the OUTPUT terminals on the **switch** side of the head.
2. Tighten the four screws.
3. Connect the two INPUT cables and two OUTPUT cables to the line filter. (B)
4. Position the motor board.
5. Insert and tighten the four screws. (A)
6. Connect the cables to the motor board.

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

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### 3. Testing the Line Filter

To test the line filter, follow these steps using the **Service Tools**:

1. Run the post installation procedure.
2. Register the intervention.

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