

GTEMP-0225 Rev 1

Replacing the Secondary Collimator Assembly



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 secondary collimator assembly directs the X-ray beam for image acquisition.

Tool Requirements

You must supply the following tools:

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

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

Before Removing or Replacing the Secondary Collimator Assembly

Before removing or replacing the secondary collimator, make sure that:

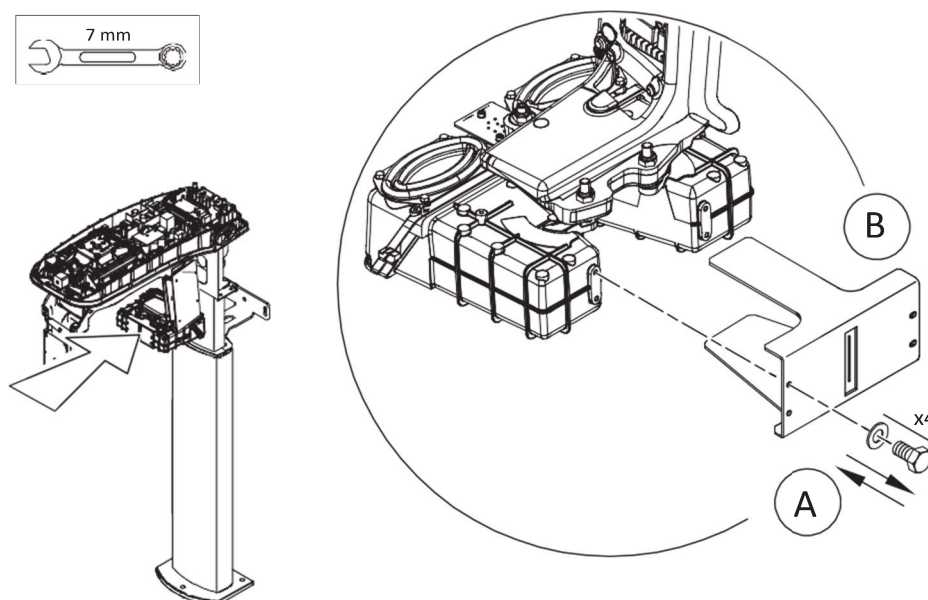
- The unit is disconnected from the main power supply by switching off the circuit breaker in the electrical cabinet.
- The unit is switched off.
- The rotative arm covers are removed.
- You have the required tools.
- You have the appropriate new secondary collimator.

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2. Removing the Secondary Collimator Assembly

To remove the secondary collimator assembly, follow these steps:

1. Undo the four screws holding the secondary collimator assembly in place. 





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2. Remove the secondary collimator assembly. 

3. Replacing the Secondary Collimator Assembly

To replace the secondary collimator assembly, follow these steps:

1. Place the secondary collimator assembly on the X-ray source 
2. Insert and tighten the four self-tapping screws. 
3. Switch ON the circuit breaker in the electrical cabinet.
4. Switch ON the unit.
5. Using the Service Tools or Equipment Tools:
 - Calibrate the collimator and the dependencies.

4. Testing the Secondary Collimator Assembly

To test the secondary collimator assembly, follow these steps using the Service Tools or Equipment Tools:

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

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