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Replacing the Sensor



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.

Description

The sensor enables an X-ray to be converted into electrical signals that in turn are converted to digital information and transmitted to the computer for X-ray imaging.

Tool Requirements

You must supply the following tools:

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



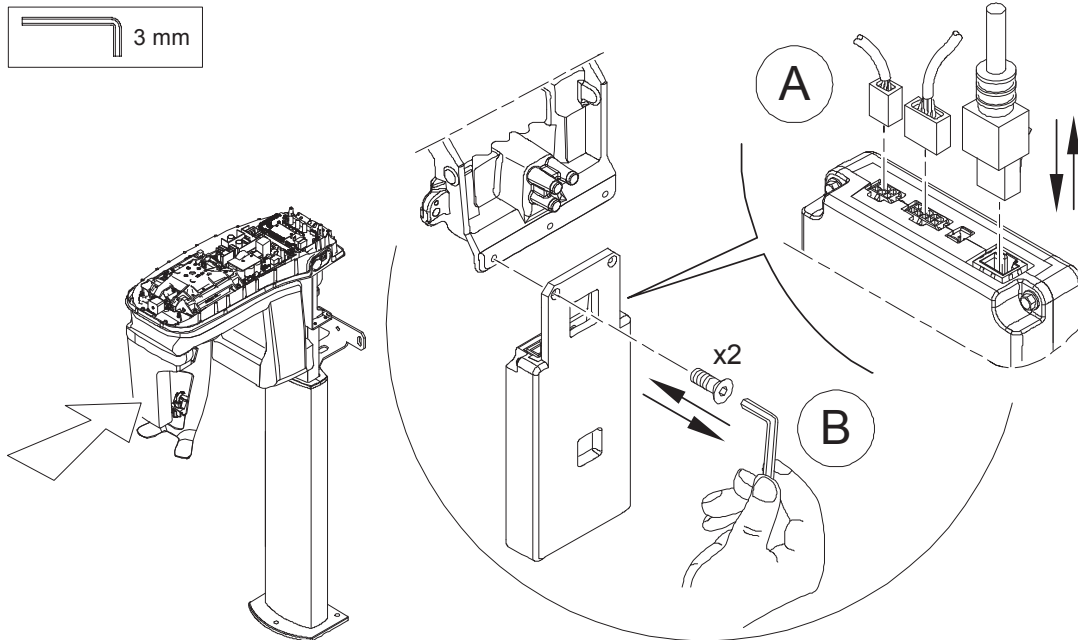
Note: The tool references mentioned in this guide are ISO tool references.

Before Removing or Replacing the Sensor

Before removing or replacing the sensor, 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**.
- You have the required tools.
- You have the appropriate new sensor.
- The sensor cover is removed:
 - First remove the collar at the top of the sensor cover.
 - Then remove the three screws holding the sensor cover in place.
 - Then remove the three screws holding the sensor cover in place.

Removing the Sensor



To remove the sensor, follow these steps:

1. Disconnect the three cables from the top of the sensor (A).
2. Hold the sensor with one hand.
3. Remove the two screws (B).
4. Remove the sensor.

Replacing the Sensor

To replace the sensor, follow these steps:

1. Position the sensor with the cable connectors at the top (A).
2. Insert and tighten the two screws (B).
3. Reconnect the three cables on the top of the sensor (A).
4. Switch ON the circuit breaker in the electrical cabinet.
5. Switch ON the unit.

Testing the Sensor

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

1. Calibrate the collimator.
2. Save the system and calibration parameters.
(see [“Saving the System and Calibration Parameters”](#) on page 42).
3. Run the post installation procedure.
4. Register the intervention.
See [“Registering the Intervention”](#) on page 46.