



RN-SPCGK61

28

Replacing the Sliding Boards



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 CJ902 sliding board controls the power supply to the sliding motor and is delivered with the CJ848 motors microprocessor board attached.

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 Sliding Assembly

Before removing or replacing the sliding assembly, 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 sliding board.

Removing the Sliding Board

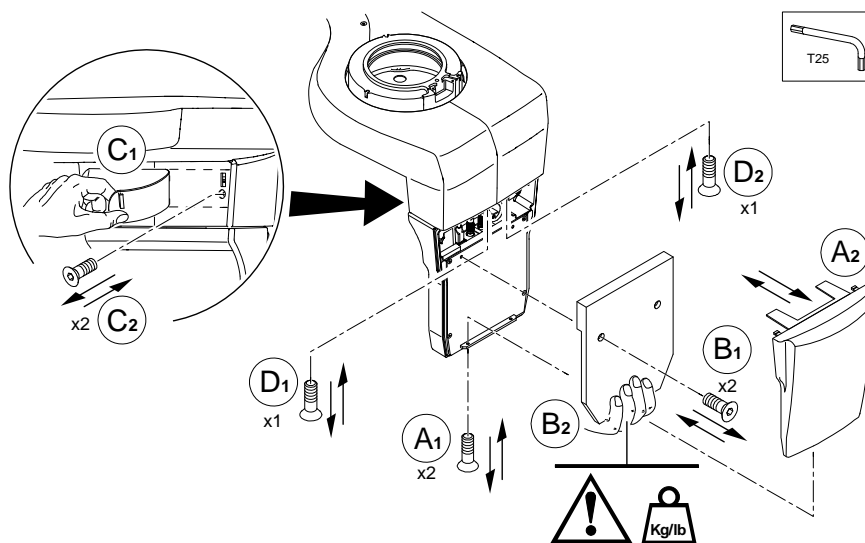
To remove the sliding board, follow these steps:

Removing the covers and the counterweights

1. Remove the two screws (A₁) and remove the sensor cover (A₂).



Important: Hold the sensor cover with one hand as you are removing the screws to prevent it from falling down.



2. Remove the two screws and remove the sensor counterweight (B₁).



Important: Hold the sensor counterweight with one hand (B₂) as you are removing the screws to prevent it from falling down.



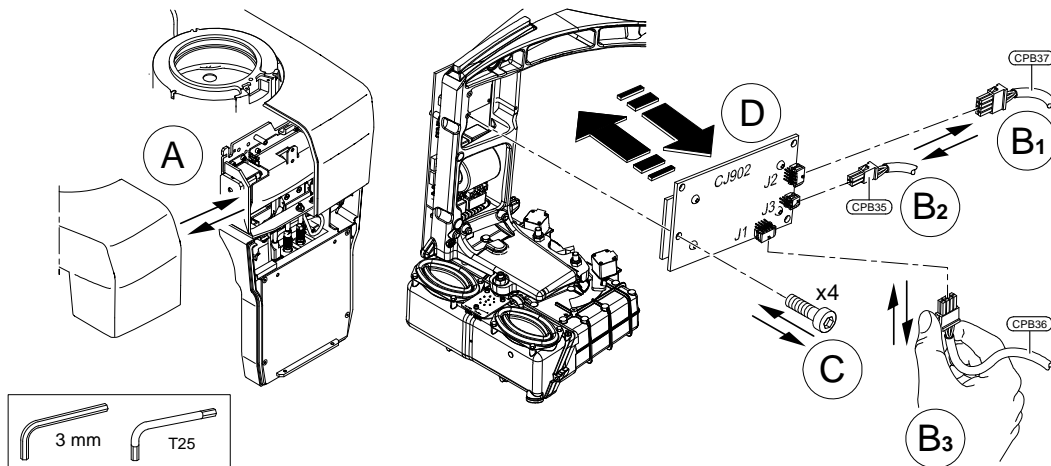
WARNING: We recommend that you wear safety footwear.

3. Carefully pull one side of the plastic strip (C₁) and remove the screw (C₂). Then pull the other side of the plastic strip to remove the second screw.
4. Undo and remove the two screws (D₁) and (D₂).

Removing the Sliding Board

5. Remove the rotative arm cover (A).

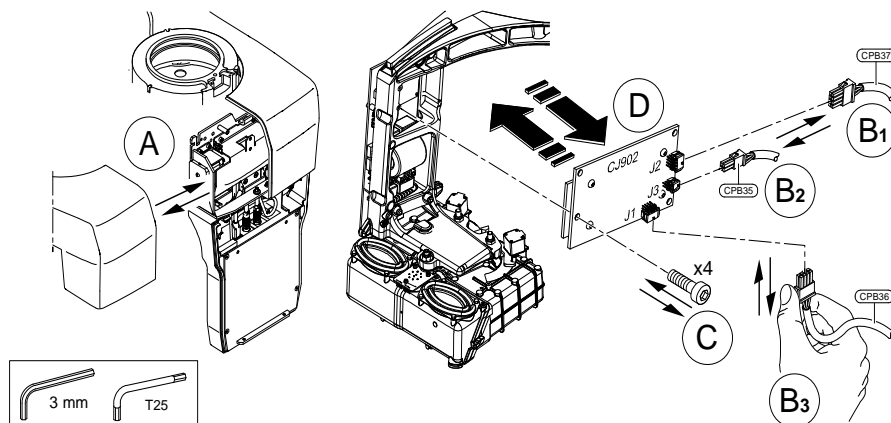
For detailed information on all the screws that you must remove from the rotative arm covers, see “CS 8100SC 3D Covers”.



6. Disconnect the CPB37 cable (B₁).
7. Disconnect the CPB35 cable (B₂).
8. Disconnect the CPB36 cable (B₃).
9. Remove the four screws (C).
10. Remove the sliding board (D).

Replacing the Sliding Board

11. Place the sliding board (D).
12. Replace the four screws (C).



13. Connect the CPB36 cable (B₃).

14. Connect the CPB35 cable (B₂).

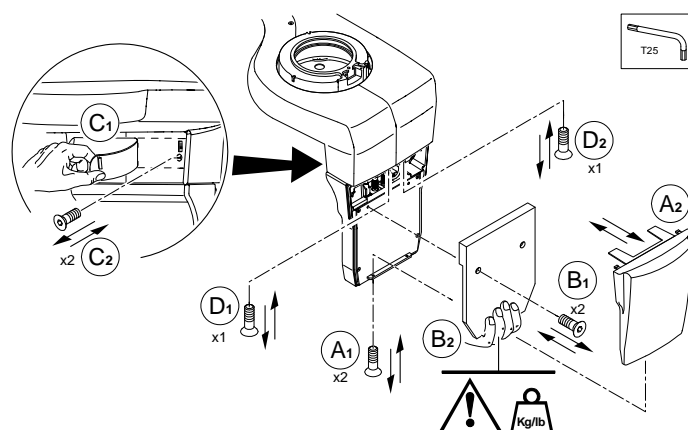
15. Connect the CPB37 cable (B₁).

16. Replace the rotative arm cover (A).

For detailed information on all the screws that you must replace for the rotative arm covers, see [“CS 8100SC 3D Covers”](#).

Replacing the covers and the counterweights

17. Insert and tighten the two screws on both sides of the plastic strip (C₁ C₂).



18. Insert and tighten the two screws (D₁ D₂).

19. Place the sensor counterweight (B₂).

20. Insert and tighten the two screws (B₁).

21. Place the sensor cover (A₂).

22. Insert and tighten the two screws (A₁).

23. Switch on the circuit breaker in the electrical cabinet.

24. Switch on the unit.

25. Using the **Service Tools**, run the **CJ902 sliding motor part replacement** under the **Part replacement** menu.

Testing the Sliding Board

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

1. Run the post installation procedure.
2. Register the intervention.
See [“Registering the Intervention”](#) on page 46

