

GTEMP-0225 Rev 2

Replacing the Head Cable Kit



You **MUST** comply with the standards currently in force while installing and using the radiology unit. Whenever necessary, you must wear a lead-lined apron.

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. Replacing the Head Cable Kit for Units with Serial Numbers xxIDxxx (SPCGF82) and Units with Serial Numbers xxILxxx, xxIMxxx & xxINxxx (SPCGM50)

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Tool Requirements

You must supply the following tools:

- Metric allen keys.
- Metric spanners.
- Flathead screwdriver.
- Calibration tools.
- Cable tie cutter.

Before Removing or Replacing the head cable kit

Before removing or replacing the head cable kit, 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 spare parts.

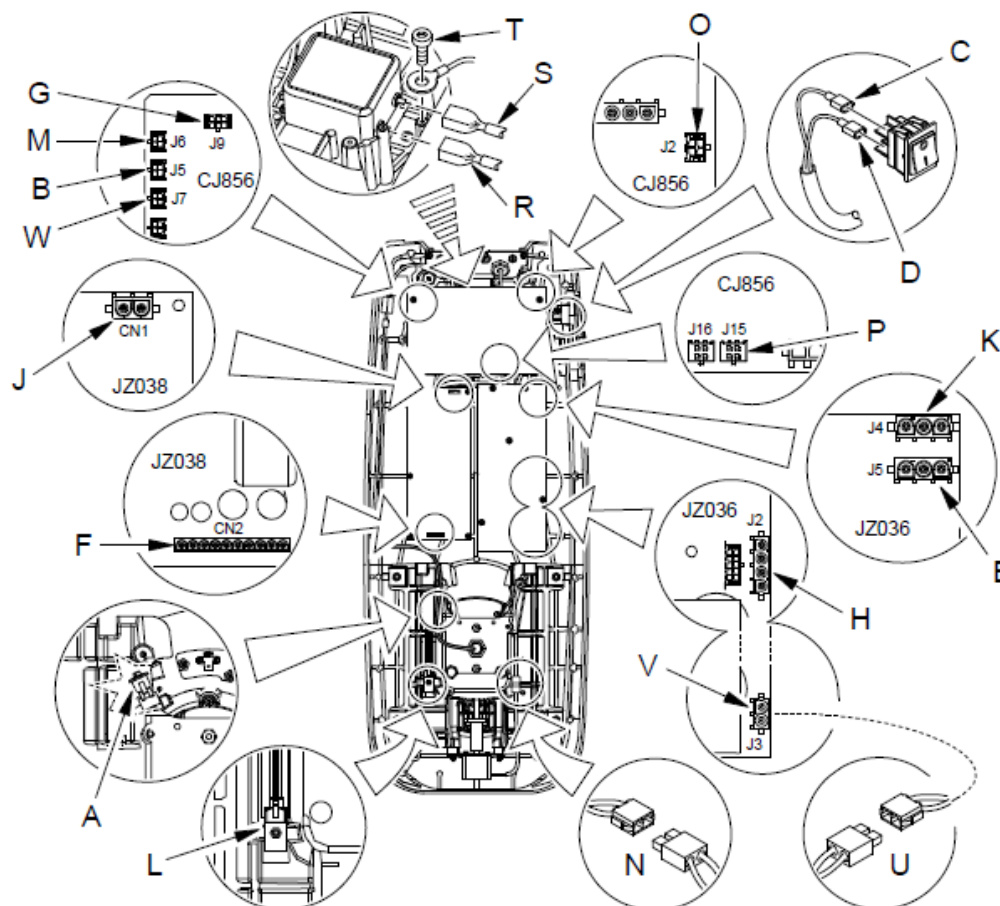
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Description

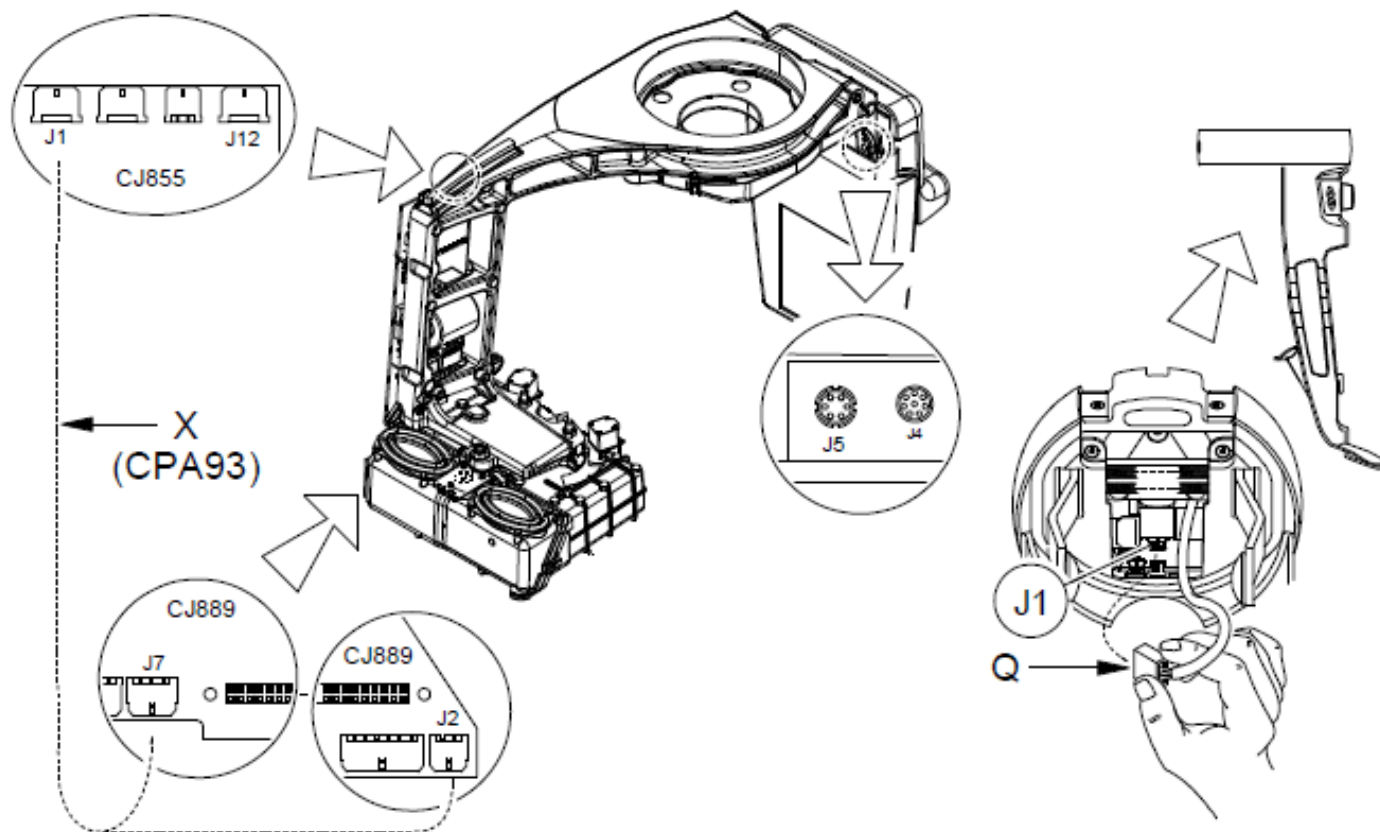
The head cable kit includes the following cables:

Cable	Purpose
CPA35 Cable	Connects the CJ858 rotation detector board to the CJ856 motor board
CPA36 Cable	Attached to the on/off switch and connects the line filter to the JZ036 PFC board
CPA37 Cable	Connects the CJ856 motor board and JZ036 PFC board to the JZ038 general power supply board
CPA38 Cable	Attached to the stop switch and connects to the JZ038 general power supply board and the JZ036 PFC board
CPA39 Cable	Connects the CJ858 Y movement detector board to the CJ856 motor board
CPA40 Cable	Connects the Y motor to the CJ856 motor board
CPA49 Cable	Connects the line filter to the mains power supply
CPA56 Cable	Connects the JZ036 PFC board to the CPB43 Cable
CPA92 Cable	Connects the CJ856 motor board to the CPA92-2 Cable
CPA92-2 Cable	Connects the CPA92 Cable to the CJ894 temple support driver board
CPA42 Cable	Connects the column resistive track to the CJ856 motor board
CPA93 Cable	Connects the CJ855 generator power board and the CJ889 collimator driver board

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This cable...	Connects to...	On the...
(A) CPA35 Cable	J2	CJ858 rotation detector board
(B)	J5	CJ856 motor board
(C) CPA36 Cable Blue (attached to the on/off switch)	Terminal nearest column	Line filter
(D) CPB36 Cable Brown (attached to the on/off switch)	Terminal furthest from column	Line filter
(E) CPB36 Cable (attached to the on/off switch)	J5	JZ036 PFC board
(F)	CN2	JZ038 general power supply board
(G) CPA37 Cable	J9	CJ856 motor board
(H)	J2	JZ036 PFC board
(J) CPA38 Cable (attached to the stop switch)	CN1	JZ038 general power supply board
(K)	J4	JZ036 PFC board
(L) CPA39 Cable	J2	CJ858 Y movement detector board
(M)	J6	CJ856 motor board

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This cable...	Connects to...	On the...
(N) CPA40 Cable	Y motor cable connector	Right side of the head
(O)	J2	CJ856 motor board
(P) CPA92 Cable	J15 and J16	CJ856 motor board
(Q) CPA92-2 Cable	J1	CJ894 temple support driver board
(R) CPA49 Cable Blue	Terminal nearest column	Line filter
(S) CPA49 Cable Brown	Terminal furthest from column	
(T) CPA49 Cable Yellow/Green	Ground post	
CPA49 Cable	Mains power supply cable connector	
(U) CPA56 Cable	J3	JZ036 PFC board
(V)	Connector	CPB43 Cable
(W) CPA42 Cable	Column resistive track	J7 CJ856 motor board
(X) CPA93 Cable	J1 CJ855 generator power board	J2 and J7 CJ889 collimator driver board

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2. Removing the Head Cable Kit

To remove the head cable kit, follow these steps:

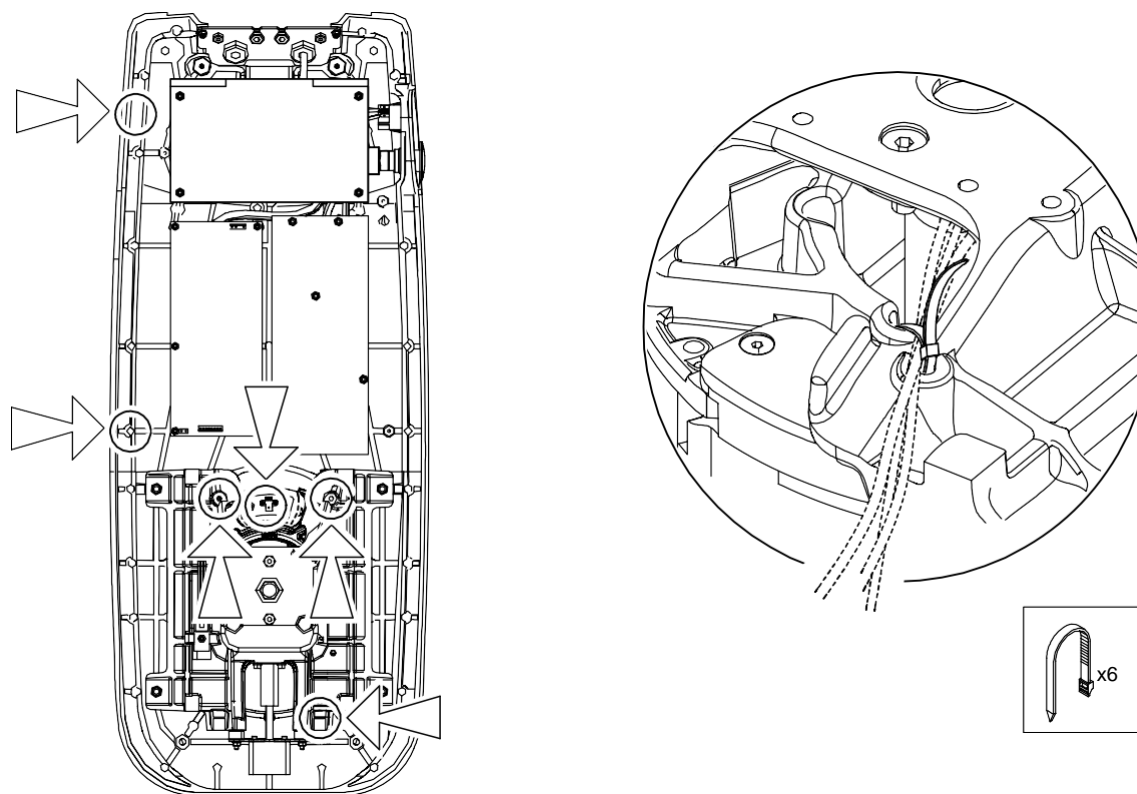
1. Disconnect each cable from the terminals indicated in the table on page 6 and 7.
2. Cut and remove the cable ties.
3. Remove the on/off switch.
4. Remove the stop switch.
5. Remove the cables.

3. Replacing the Head Cable Kit

To replace the head cable kit, follow these steps:

6. Connect each cable to the terminals indicated in the table on page 6 and 7.
7. Replace the on/off switch.
8. Replace the stop switch.
9. Replace the cable ties as indicated below:

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10. Cut off the cable tie ends.

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4. Testing the Head Cable Kit

To test the head cable kit, follow these steps using the Service Tools:

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

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