

GTEMP-0225 Rev 1

Replacing the Head Cable Kit



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.

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1. Description

The head cable kit includes the following cables in the head:

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
CPA41 Cable	Connects the head and chin rest to the CJ856 motor board
CPA48 Cable	Connects the sensor to the CJ855 generator power board
CPA49 Cable	Connects the line filter to the mains power supply
CPA56 Cable	Connects the JZ036 PFC board to the CPA44 Cable
CPA90 Cable	Connects the sensor to the CJ855 generator power board
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

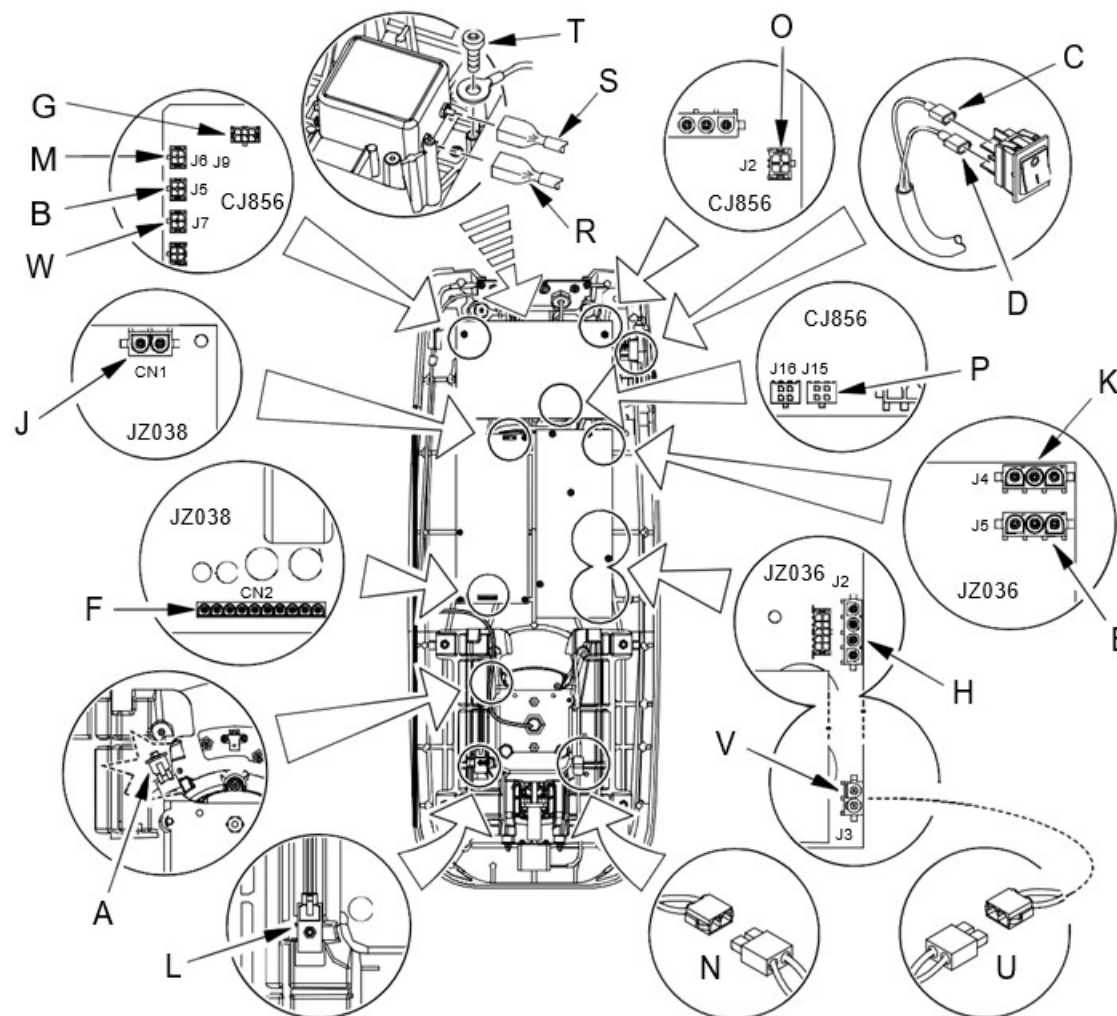
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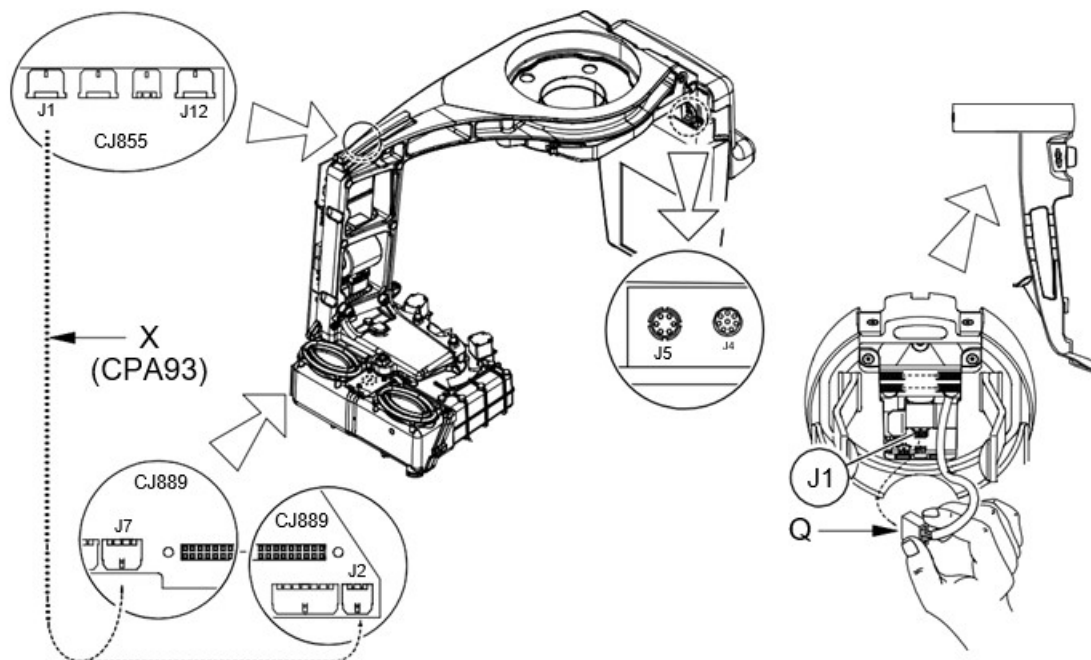
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This cable...	Connects to...	On the...
(N) CPA40 Cable	Y motor cable connector	Right side of the head
(O)	J2	CJ856 motor board
(P) CPA92 Cable	J15 and J16	CJ856 motor board
(Q) CPA92-2 Cable	J1	CJ894 temple support driver board
(R) CPA90 Cable	J12	CJ855 generator power board
(S)	J5	Sensor
(T) CPA49 Cable Blue	Terminal nearest column	Line filter
(U) CPA49 Cable Brown	Terminal furthest from column	
(V) CPA49 Cable Yellow/Green	Ground post	
CPA49 Cable	Mains power supply cable connector	
(W) CPA56 Cable	J3	JZ036 PFC board
(X)	Connector	CPA44 Cable
(Y) CPA42 Cable	Column resistive track	J7 CJ856 motor board
(Z) CPA93 Cable	J1 CJ855 generator power board	J2 and J7 CJ889 collimator driver board

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Before Removing or Replacing the Head Cable Kit

Tool Requirements

You must supply the following tools:

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



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

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 several cable ties.
- You have the appropriate new head cable kit.

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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 2 and 5.
2. Cut and remove the cable ties.
3. Remove the on/off switch. (**Please check *on/off switch* replacement notice into eParts via Infotec website**)
4. Remove the stop switch. (**Please check *stop switch* replacement notice into eParts via Infotec website**)
5. Remove the cables.

3. Replacing the Head Cable Kit

To replace the head cable kit, follow these steps:

1. Connect each cable to the terminals indicated in the table on page 2 and 5.
2. Replace the on/off switch. (**Please check *on/off switch* replacement notice into eParts via Infotec website**)
3. Replace the stop switch. (**Please check *stop switch* replacement notice into eParts via Infotec website**)

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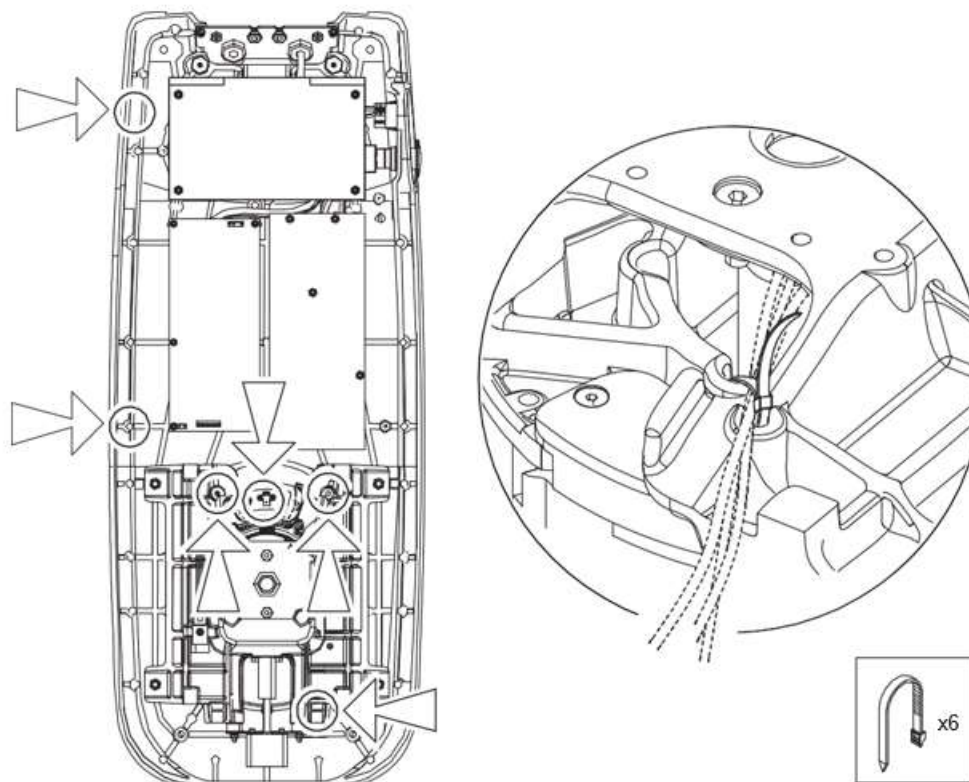
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4. Replace the cable ties as indicated below:



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4. Testing the Head Cable Kit

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

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

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