

Replace The Running System Controller With The Backup Controller and MULTIPLE Power Sources

1 SET-UP




Important! Ability to successfully change System Controllers may be affected by several factors, such as native cardiac output, cognitive function, etc., which may change over the course of LVAD support, and therefore should be periodically reassessed.

- Place the backup System Controller within reach.
- Have the patient sit or lie down, as he or she may get dizzy if the pump briefly stops.
- Unlock the driveline safety tab on the running System Controller.

Multiple Power Sources Available (have Power Module or Mobile Power Unit AND Batteries & Clips)

Important! Keep the running System Controller connected to power.

- Connect both the white and black connectors on the **backup System Controller** to power.
- Promptly, move the **driveline** from the running controller to the backup controller. See steps 1-4 below.
- Ensure that the green pump running symbol () is illuminated.



2 REPLACE SYSTEM CONTROLLERS

- Unlock and expose the red button.



- Align driveline arrow/alignment mark with the arrow on the controller.



- Firmly insert the driveline until it snaps into place.




- Slide the safety tab over the red button.



Important! If the safety tab does not slide fully over the red button, the driveline is not connected. Disconnect the driveline and reconnect it.

3 FINISH



- Put the old, replaced System Controller into Sleep Mode by disconnecting from power then pressing and holding the battery button () for 5 seconds.
- Do not use the old System Controller ever again. To request a new backup System Controller and for instructions on returning the old one, please contact Thoratec Corporation.

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Thoratec Corporation continually strives to provide the highest quality products for mechanical circulatory support. Specifications may change without notice. Therefore, please refer to the HeartMate II Left Ventricular Assist System IFU shipped with the HeartMate II for the most current information regarding indications, contraindications, warnings, and cautions. Thoratec, the Thoratec logo, HeartMate, and HeartMate II are registered trademarks and HeartLine is a trademark of Thoratec Corporation ©2014 Thoratec Corporation. 108921.C

HeartMate II[®]
Left Ventricular Assist System

Guide to Replacing the Running System Controller with the Backup Controller for Clinicians

Featuring the Mobile Power Unit

For additional information and guidelines, please refer to the HeartMate II Patient Handbook.


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CORPORATION



Replace The Running System Controller With The Backup Controller and a SINGLE Power Source

1 SET-UP



Important! Ability to successfully change System Controllers may be affected by several factors, such as native cardiac output, cognitive function, etc., which may change over the course of LVAD support, and therefore should be periodically reassessed.

- a. Place the backup System Controller within reach.
- b. Have the patient sit or lie down, as he or she may get dizzy if the pump briefly stops.
- c. Unlock the driveline safety tab on the running System Controller.

In-use Power Source Only

(have Power Module, Mobile Power Unit OR Batteries & Clips)

White Connector's
Power Source

- a. Move the white connector's power source from the running controller to the backup System Controller.
- b. Promptly, move the driveline from the running controller to the backup System Controller. See steps 1-4 below.
- c. Ensure that the green pump running symbol (🔄) is illuminated.
- d. Move the black connector's power source from the running controller to the backup System Controller.

2 REPLACE SYSTEM CONTROLLERS



1. Unlock and expose the red button.



2. Align driveline arrow/alignment mark with the arrow on the controller.



3. Firmly insert the driveline until it snaps into place.



4. Slide the safety tab over the red button.



Black Connector's
Power Source

Important! If the safety tab does not slide fully over the red button, the driveline is not connected. Disconnect the driveline and reconnect it.

3 FINISH



- a. Put the old, replaced System Controller into Sleep Mode by pressing and holding the battery button (🔋) for 5 seconds.
- b. Do not use the old System Controller ever again. To request a new backup System Controller and for instructions on returning the old one, please contact Thoratec Corporation.

