



## 6.2 Battery

### 6.2.1 Replacing the Battery (Lithium Battery)

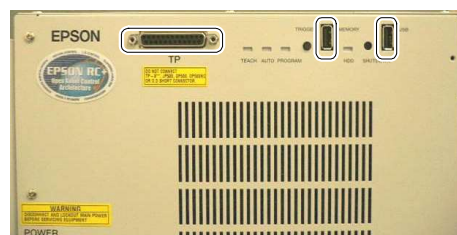
 CAUTION	<ul style="list-style-type: none"> <li>■ Lithium batteries contain flammable materials such as lithium, organic solvents, etc. If misused, batteries may generate heat, explode or catch fire. Observe the following precautions for safe use of lithium batteries.                     <ul style="list-style-type: none"> <li>- Be sure to use the battery supplied as the maintenance parts from EPSON. (Refer to <i>Maintenance 10. Maintenance Parts List.</i>)</li> <li>- Do not allow the positive (+) and negative (-) electrodes to short circuit.</li> <li>- Do not discard batteries into fire or heat them to high temperature.</li> <li>- Do not disassemble or alter batteries.</li> <li>- Do not apply a strong shock to the battery.</li> <li>- Stop using the battery if you see any signs of change of color or damage to the battery.</li> <li>- When discarding batteries, insulate the terminals by wrapping them with tape, etc.</li> <li>- Discarding batteries according to the regulations.</li> </ul> </li> </ul>
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**NOTE**  Before starting battery replacement, turn on the controller for approximately one minute in order to charge the data saving capacitor.

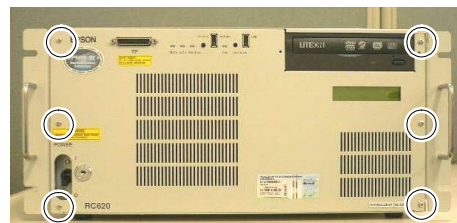
Make sure to finish the battery replacement within 10 minutes to prevent data loss.

Battery  
(Lithium Battery)  
Removal

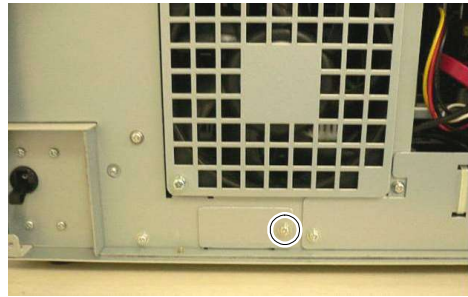
- (1) Backup the Controller data.  
Refer to *Maintenance 4. Backup and Restore.*
- (2) Turn OFF the Controller.
- (3) Remove cables from TP port and USB port on the front panel if they are connected.




- (4) Remove 6 screws and the front panel.

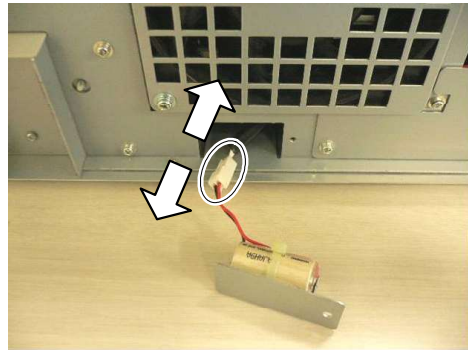


- (5) Remove a screw of the battery fittings located below the Large Fan.




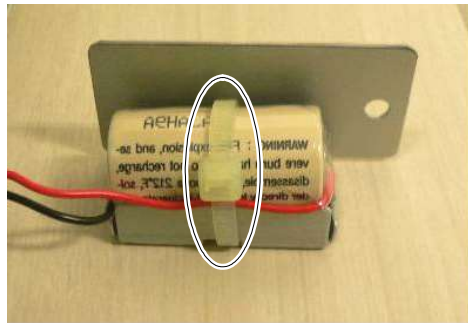
- (6) Pull out the battery fittings and disconnect the relay connector.

NOTE  The lithium battery cable is connected to the main chassis. Be sure to pull it out slowly.




- (7) Cut off the wire tie by nippers and remove the lithium battery.

NOTE  Be careful not to scratch the battery when cutting off the wire tie.

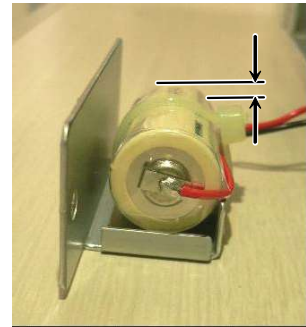


Battery Installation


- (1) Put a new lithium battery in position and secure it with a new wire tie.

NOTE  Bind the lithium battery below the battery level as shown in the photo.

Cut off the redundant part of tie by nippers.



- (2) Connect the relay connector.
- (3) Insert the lithium battery (with plate) into the chassis.

NOTE  Be careful not to catch cables and connectors.

- (4) Hold an edge of the lithium battery (with plate) and secure it using a screw.



- (5) Secure the front panel using 6 screws.
- (6) If you removed the cables from TP port and USB port, connect them again.
- (7) Plug in the power connector. Turn ON the Controller and make sure that the Controller starts properly without any vibration or abnormal noise.