

# 1. Coin-type Lithium Battery

## ⚠ CAUTION

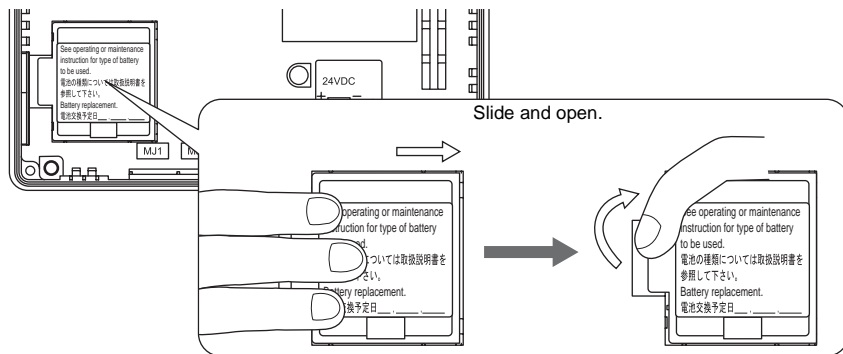
The MONITOUCH is delivered without inserting the battery connector in the battery holder on the back of the unit.  
Be sure to set the battery when using the calendar function or SRAM.  
Without battery, the contents in the SRAM or calendar will not be retained.

## Battery Mounting Procedure

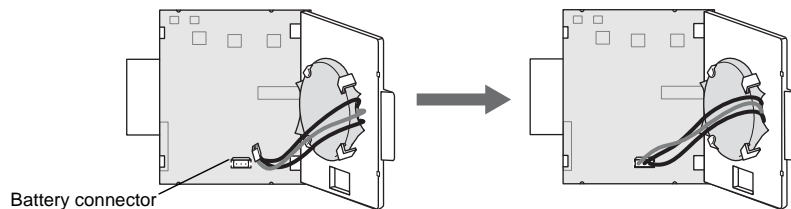
## ⚠ DANGER

Electric shock hazard  
Steps 2 to 5 must be performed when the power to the V706 is turned off.

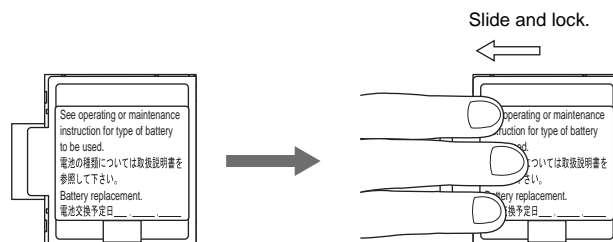
1. Turn the unit off.
2. Slide the battery holder cover in the direction of the arrow (“→” shown below) to open it.



3. Check that the battery is securely attached to the backside of the cover, and connect the battery connector.

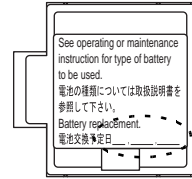


4. Close the battery holder cover. When closing the cover, slide it in the direction of the arrow (“←” shown below) to lock it.



5. Enter a date five years from now for “Battery Replacement” on the sticker on the battery holder.

\* The battery status is output to the internal memory \$s167 of the V706.  
If the battery voltage drops before five years has elapsed, replace the battery immediately.



Enter a date five years from now

\$s167	MSB															LSB	
	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00	
	0	0	0	0	0	0	0	0	0	0			0				

Memory cassette information reserved (Setting: 0)

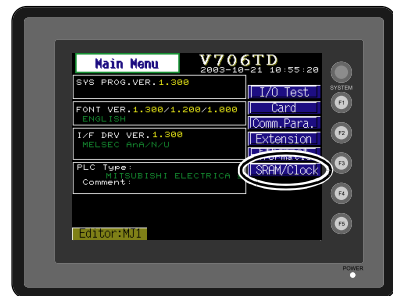
0: The battery is normal.  
1: Battery voltage drop  
2: Battery not mounted

0: Not mounted  
1: FROM 2 Mbyte (V6)  
2: FROM 4 Mbyte (V706/V6)  
3: SRAM 512 kbyte (V7/V6)  
4: FROM 8 Mbyte (V7)

Memory cassette information reserved (Setting: 0)

6. Turn on the power to the V706 and check that the battery is correctly mounted on the Main Menu screen.  
When the battery is not connected, the [SRAM/Clock] switch blinks and the message “Battery not set” is displayed at the bottom left corner. When the battery is correctly connected, the [SRAM/Clock] switch goes out and the message is cleared.  
When the battery voltage has dropped, the message “Brownout Battery” is displayed.

Main Menu screen



## Battery Replacement

### Safety Instructions on Handling the Battery

Lithium batteries contain combustible material such as lithium or organic solvent. Mishandling may cause heat, explosion or ignition resulting in fire or injury. To prevent accidents, pay attention to the following cautions when handling the lithium battery.

#### CAUTION

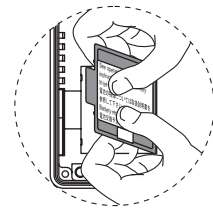
- Be sure to discharge static electricity from your body before battery replacement.
- Use the battery “V7-BT” (replacement battery for the V7 series) for replacement.
- Rough handling of the battery may cause a fire or chemical burn hazard.
- Do not disassemble, incinerate or heat the battery.
- Observe the local and governmental regulations when disposing of waste batteries.
- Keep batteries out of reach of children (If swallowed, immediately consult a doctor.)
- Never re-charge the battery.
- When the battery leaks or smells, the leaking battery electrolyte may catch a fire. Keep from heat or flame.

## Battery Replacement Procedure

Replacement batteries are available from Hakko Electronics.

Name	Type	Contents
Replacement battery	V7-BT	<ul style="list-style-type: none"> <li>• Coin-type lithium primary cell 1 pce</li> <li>• Cautions sticker 1 pce</li> </ul>

1. Replace the battery "V7-BT" within three minutes after the unit is turned off.  
If it is not possible to replace within three minutes, use the V-SFT (cable: V6-CP) or a CF card and make a backup copy of data in the SRAM.
  - When using the V-SFT:
    - 1) Start the V-SFT.
    - 2) Click the [Transfer] icon. The [Transfer] dialog is displayed.
    - 3) Select [Display] for [Transfer Device] and [SRAM Data] for [Transfer Data].  
To save a backup copy from the V-SFT editor on the server via Ethernet, check  Transfer through Ethernet/IP Address of the V7 Equipped with SRAM]. Keep  Use Simulator] and  Read Comments in Data Transfer] unchecked.
    - 4) Click the [PC <-] under [Transfer Mode].
    - 5) Save the read data in the "\*.RAM" file.
  - When using a CF card:  
For the backup procedure with a CF card, refer to "Chapter 6 MONITOUCH Operations."
2. Turn the unit off.
3. Slide and open the battery holder. The battery in the socket will come into view.
4. Unplug the battery connector, and remove the battery from the socket. Take out the battery while pressing the center of the battery holder cover as shown in the figure.



5. Set a new battery. Fit the battery into the socket in such a manner that the red cable side of the battery faces the board and the cable faces out. Insert the battery in the "a" side first, and push it down to "a" while inserted in the "b" side.
6. Plug in the battery connector and slide and lock the battery holder cover.
7. Remove the existing caution sticker. Enter a date five years from now for "Battery Replacement" on the new caution sticker, and attach it to the backside of the unit.
8. When the backup copy of the SRAM data has been saved in step 1, turn on the unit and load the data to the unit.

