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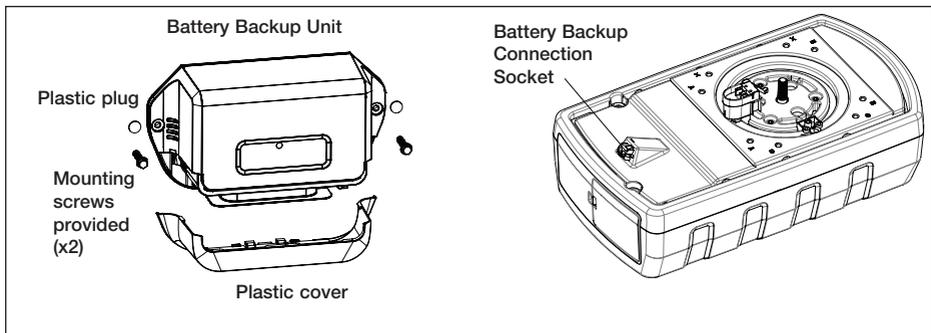
ATTACHING BATTERY BACKUP UNIT

Mounting the BBU to the wall or ceiling -

Install the BBU after the motor unit has been installed.

- Disconnect mains power from the Motor unit.
- Remove the plastic cover from the BBU housing and expose the looped cable assembly.
- Remove the two plastic plugs from the mounting position on each side of the BBU. (ready to install the mounting screws provided)
- Mount the BBU to the wall or ceiling using the 2 screws provided on a support beam within cable distance. (around 80cm).
- Install the BBU securely onto the support beam and connect the cable to the motor unit.
- Replace the plastic BBU cover, ensure to cable is positioned in the cut-out provided.
- Plug the opener into AC power and turn the AC power on for the BBU to be activated.
- Check the BBU LEDs activate for 3 seconds, and then the green LED commences flashing, indicating the BBU is charging.

NOTE: The AC power needs to be turned on with the BBU connected for the BBU to be activated.



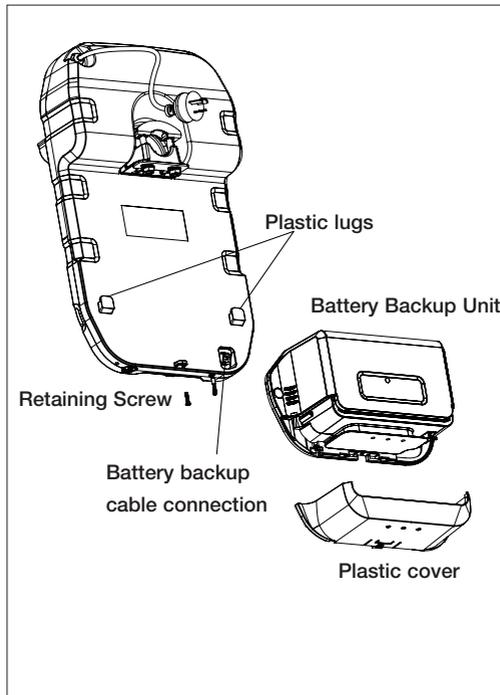
ATTACHING THE BATTERY BACKUP

Mounting the BBU to the LR-Drive -

Install the BBU after the motor unit has been installed.

Attach the BBU to the LR-Drive on the clips provided:

- Disconnect the mains power from the Motor unit.
Remove the plastic cover from the BBU housing and expose the looped cable assembly.
- Install the BBU onto the rear cover of the Motor assembly, ensure you engage the plastic lugs on the lower half of the housing.
- Tighten the retaining screw provided into the centre housing to secure the BBU.
- Connect the BBU cable into the terminal assembly on the Motor.
- Replace the plastic BBU cover.
- Plug the LR-Drive into AC power and turn the AC power on for the BBU to be activated.
- Check the BBU LEDs activate for 3 seconds, and then the green LED commences flashing, indicating the BBU is charging.



BATTERY BACKUP (BBU) OPERATING INSTRUCTIONS

1. Test the installed BBU with the motor unit.

To test the BBU, disconnect the motor unit power cord from the electrical outlet.

- A solid yellow LED indicates the BBU is operating on battery power.
- A flashing yellow LED with beep indicates the BBU is operating on battery power and that the battery charge is low.
- To test the BBU is functioning properly, open and close the garage door.
- Re-connect the motor unit power cord back into the electrical outlet.
- Verify that the green LED is flashing on the BBU (indicates that the BBU is now charging).
- Test completed

2. Charge the battery.

- Allow the batteries 24 to 48 hours to fully charge before using the BBU system.

A fully charged BBU supplies 24V DC to the motor unit for one to two days of normal operation during an electrical power outage. If the battery voltage drops too low, the batteries will disconnect and the motor unit will no longer operate under battery power. After the electrical power has been restored, the batteries will recharge within 48 hours. Under normal usage batteries will last 3 to 5 years.

To obtain maximum battery life and prevent damage, also disconnect the battery backup if you unplug the motor unit while on vacation or any other extended period of time.

NOTE: Door operation may be limited until batteries are fully charged. The motor unit's lights will not turn on during BBU mode.

BATTERY BACKUP (BBU) DIAGNOSTICS

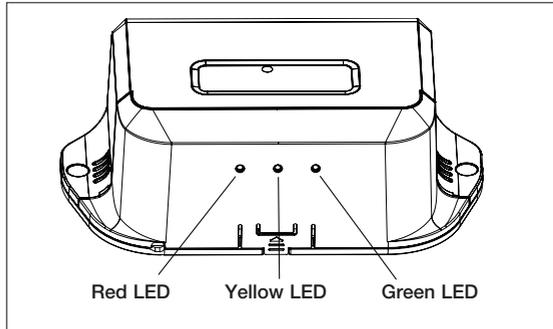
Battery Backup Unit (BBU) Diagnostics

GREEN LED:

All systems are normal.

- A solid LED light indicates the batteries are fully charged.
- A flashing LED indicates the batteries are being charged.

NOTE: Batteries do not have to be fully charged to operate the motor unit.



YELLOW LED:

The motor unit has lost power and is operating off of the BBU.

- A solid LED with beep, sounding approximately every 2 seconds, indicates the motor unit is activating the door and is operating off of the BBU.
- A flashing LED with beep, sounding every 30 seconds, indicates batteries are low.
- Once the power is restored the BBU will recharge. This is indicated by a flashing green LED.

RED LED:

An error has been detected and the BBU will automatically shut off. The BBU will attempt to restart by reconnecting to the batteries. If the error is still present it will shut itself off again.

This process will repeat every 5 minutes or until the error has been resolved. This is used to prevent further draining of the batteries.

- If a red LED remains on when the power is restored, and is accompanied by a beep sounding every 30 seconds, please call for service.

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