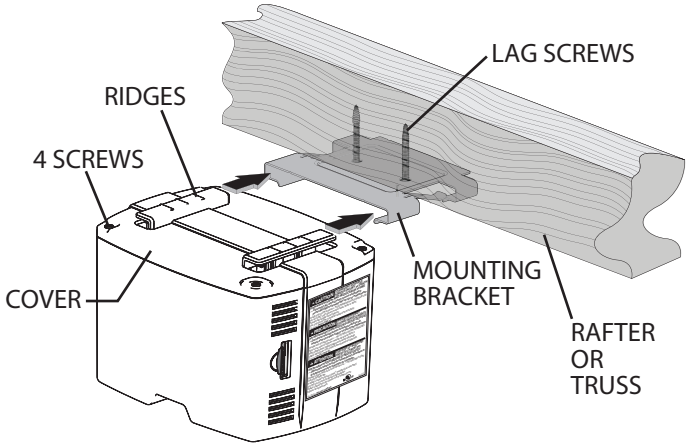
Battery Back-Up

for Residential Garage Door Openers

INSTALLATION INSTRUCTIONS

**** READ AND FOLLOW ALL SAFETY WARNINGS, CAUTIONS AND THESE ENTIRE INSTRUCTIONS PRIOR TO BEGINNING!***



To Prevent possible Serious Injury or Death by Electrocution

Disconnect all electric power sources and battery power BEFORE performing ANY service or maintenance.

INSTALL ONLY IN DRY LOCATIONS. NOT FOR OUTDOOR USE.

This unit to be used ONLY with Genie® Operator Models PowerMax®, SC, TriloG™, PowerLift™, SilentMax®, CB and IntelliG® that are equipped with Series II electronics.

Disconnect power before performing the following tasks.

Do **NOT** drill holes in the Battery Back-Up case.

To Reduce the Risk of Fire or Injury to Persons

A. Use only the following type and size battery 12V, 8Ah (Genie® P/N 37342R).
B. Do not install Battery Back-up unit on an improperly balanced door. An unbalanced door could cause severe injury or damage to this unit. Repairs and adjustments to the door must be made by trained service persons using proper tools and instructions.
C. Do not dispose of the battery in fire. The cells may explode. Check with local codes for possible disposal instructions.
D. Do not open or mutilate the battery. Released electrolyte is corrosive and candamage eyes or skin. TOXIC if swallowed.
E. Exercise care in handling the battery to prevent shorting battery with conducting materials such as rings, bracelets & keys.
F. Change the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this instruction.
G. Observe proper polarity orientation between the battery and changing circuit.
H. Do not set limits while in Battery Back-up Mode. AC power MUST be connected to the opener, while setting limits, for proper operation.

REQUIREMENTS

This unit is designed to work with specific garage door openers on properly balanced doors with maximum height of 8 ft. and maximum weight of 500 lb. The unit will provide operation of the door for 24 hours after a power loss.

Your garage door opener MUST have the matching Connection Cable connector in the powerhead.

Do not tamper with or rewire Connection Cable.

Unit may be wall mounted provided mounting location is within 24 inches of the powerhead.

The unit must be inserted into the mounting bracket as far as it will go, so that the bracket locks onto the ridges (Figure at Top Right) on top of the Battery Back-Up unit. This prevents the unit from moving.

The unit must be mounted so that the Status LEDs are visible from the floor, and it is locked into the mounting bracket.

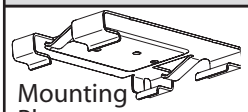
TOOLS REQUIRED

Sockets and Ratchet



Flat Screwdriver

PARTS INCLUDED



Mounting Plate

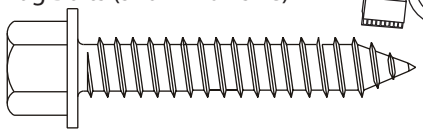


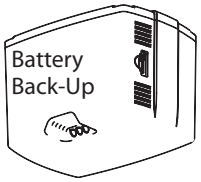
Installation Instructions

Connection Cable



Lag Bolts (shown full size)





Battery Back-Up

STOP **Need help or have questions?**
DO NOT RETURN to the store.
Call us: 800-354-3643

INSTALLATION

NOTE: ***DO NOT connect the Battery Back-Up Connection Cable to the garage door opener until you have completed Steps 1 & 2.***

Step 1. Wire Battery

A. Remove Cover (4 screws).
— Remove foam shipping block and throw away.

B. Connect RED (+) wire to RED terminal, BLACK (–) wire to BLACK terminal.

NOTE: DO NOT REVERSE CONNECTIONS—this WILL damage the Battery Back-Up Unit.

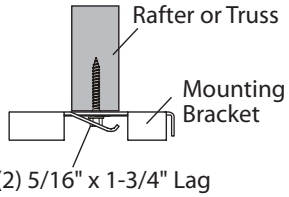
C. Replace Cover.

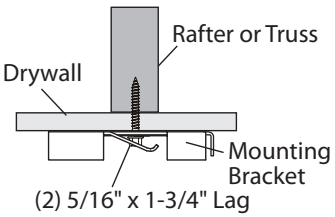
Step 2. Mount

Choose mounting **Method 1 - Ceiling Mount**, **Method 2 - Angle Iron Mount** and **Method 3 - Horizontal Mount** and attach the mounting plate using screws provided.

Method 1 - Ceiling Mount

A. Locate and attach mounting plate to **ceiling rafter or truss** using two 5/16" x 1-3/4" lag screws (provided).
— Drill 3/16" pilot holes for lag screws.



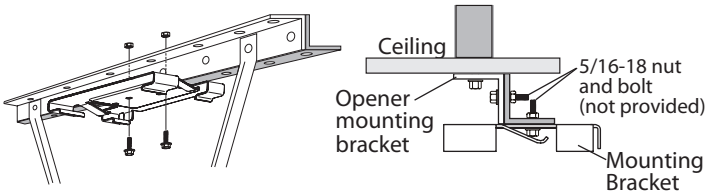


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Method 2 - Angle Iron Mount

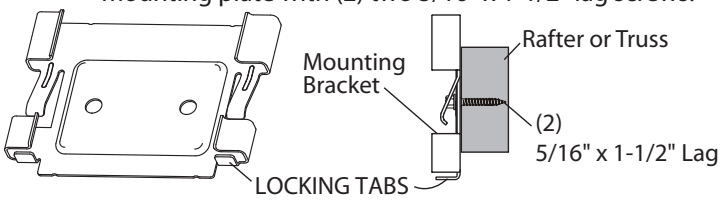
A. Fasten a second perforated angle iron (not provided) to the powerhead mounting angle iron as shown using two 5/16" nuts and bolts (not provided).

B. Attach the mounting plate to the perforated angle iron using two more 5/16" nuts and bolts (not provided).



Method 3 - Horizontal Mount

A. ENSURE the locking TABS are at the bottom and attach mounting plate with (2) two 5/16" x 1-1/2" lag screws.



B. Plug the Connection Cable into the Battery Back-Up unit.

C. Slide the Battery Back-Up unit into the mounting plate.

Step 3. Wiring to powerhead

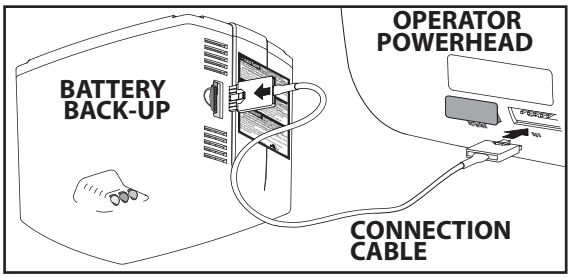
A. Remove power from garage door opener (unplug or turn off breaker).

B. Remove the connector port cover for the Battery Back-Up (marked "**BBU**") on the **Powerhead**.

C. Plug the Connection Cable into the operator powerhead Battery Back-Up port.

D. Restore power to the garage door opener.

E. ***Battery Back-Up will NOT turn on until the opener has power.***



Step 4. Testing

NOTE: *It is recommended that the battery be allowed to charge for 24 to 48 hours prior to initial testing.* Initially, the opener may not run in the Battery Back-Up mode if the battery charge is too low.

A. Run the opener using the Wall Console or Remote Transmitter to ensure it is working properly.

A. Turn off power to the garage door opener by unplugging its power cord from its grounded outlet, or turn off the breaker in the permanently installed power circuit.

B. Press the OPEN/CLOSE button on the wall control to operate the opener. It should operate the door at a lower speed.

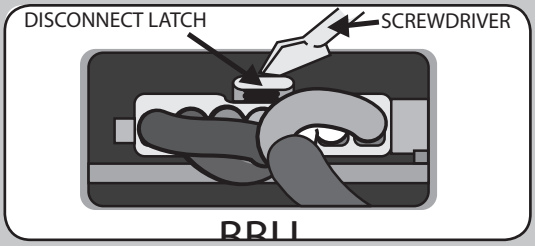
NOTE: If the opener does not operate, recheck the connections of the Connection Cable at both the powerhead and the Battery Back-Up and try again, **(SEE CAUTION BELOW.)**

C. After successfully completing the test, return power to the garage door opener.

REMINDER: Battery Back-Up will not turn on until power is restored to the opener.

⚠ CAUTION

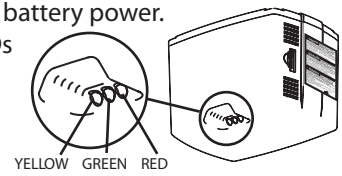
To *remove the Connection Cable connector* from the Battery Back-Up port *on the powerhead,* you must depress the disconnect latch before pulling the connector out of the port.
Use a small screwdriver or similar device.
Attempting to remove the connector without first depressing the latch will damage the circuit board.



OPERATION

No user required tasks for normal use. Opener will run at a slower speed while using battery power.

There are three (3) LEDs on the front housing; **GREEN**, **YELLOW** and **RED**. Use the CHART.



COLOR	INDICATION	ACTION REQUIRED
Green LED	**Normal operation**	None required
Yellow LED	**Battery is charging**	None required
Red LED	**Battery voltage is below operational level.**	**If red LED stays on over 48 hours, the battery has failed to charge. Check Connection Cable connections and battery.**

NOTE: Remember when replacing the battery—DO NOT REVERSE POLARITY [(+) and (–)**]** as this WILL damage the circuit board.

NOTE: To conserve battery power during a power failure (in Battery Back-Up mode), the motion detector & work light will not function.

BATTERY REPLACEMENT SEE BELOW*

A. Remove power to the opener (unplug or turn off breaker) and unplug Connection Cable from Battery Back-Up.

B. Slide unit out of mounting bracket.

C. Remove cover (4 screws).

D. Slide connectors off battery.

E. Remove old battery and insert its replacement.

F. Attach connectors, RED (+) and BLACK (–), to battery terminals.

G. Replace cover (4 screws).

H. Slide unit onto mounting bracket.

I. Plug in Connection Cable.

J. Plug in power cord.

**** BE SURE YOU READ AND FOLLOW ALL SAFETY WARNINGS & CAUTIONS PRIOR TO PERFORMING THESE INSTRUCTIONS!***