



## Lockable battery door guide

*A how-to guide for using the lockable battery door on Edison robots*



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## About this guide

In order to support teachers in keeping their students safe, the battery door on Edison robots features an optional locking mechanism. This guide will introduce you to the door and explain how to use the locking feature, if you choose to do so.

You can find additional information on our website at:

<https://meet Edison.com/lockable-battery-door/>



### Unboxing brand-new Edison robots

The locking feature is optional on Edison robot. You do not need the door to be locked in order to use the robot. All Edison robots are packaged with the door in the 'unlocked' position.

You may find it easier to use a flat-head screwdriver or a similar object to help you the first few times you open or close the battery door on a brand-new robot.



The battery door with the grey locking pin in the 'unlocked' position.



### Questions?

Our technical support team are here and ready to help!

Please contact us at: <https://meet Edison.com/edison-robot-support/contact-us/>.



## Opening and closing an unlocked door

In order for the locking mechanism to work properly, the battery door on the Edison robot needs to clip into place tightly. This fit can be extra tight on brand-new robots.

### Opening the door

The best way to open the door is by squeezing in one side clip (not both). This will allow the door to swing out away from the robot, letting the second side clip slip free. You can then easily remove the door.

You may find using a ballpoint pen or a small screwdriver as a lever helpful when opening the door for the first few times.



The door clip will gradually loosen with use and become easier to open, however, the locking mechanism will continue to work even after the side clips loosen.

Once you have the door open, you can insert batteries into the robot. Please refer to the [Getting started with Edison guide](https://meetedison.com/content/Get-started-with-Edison-guide-English.pdf)<sup>1</sup> for more information about batteries.

**Note:** Please take care when opening the door after batteries have been inserted. The batteries put tension on the door and can cause it to pop away from the robot when you open it.

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<sup>1</sup> <https://meetedison.com/content/Get-started-with-Edison-guide-English.pdf>

## Closing the door

In order to turn on and function correctly, the battery door on the Edison robot must be completely closed.

The door does NOT need to be locked in order to work. However, the battery door does need to clip into place tightly.

The best way to close the door properly is by following these steps:

1. Slide the door into the opening at an angle so that one side clip (not both) moves into the 'closed' position.
2. Push down firmly on the middle of the door.
3. Look at the second side clip to check that it has slid into place. If it has not snapped into the 'closed' position, you can push it into place using your finger, or use a ballpoint pen or a small screwdriver as a lever to push the clip fully into place.



## Using the locking mechanism

The lockable battery door allows teachers to control students' access to the battery compartment. The door features a swivel lock mechanism to secure the battery compartment which educators and supervisors can opt to use.

If you choose to restrict your students' access to the battery compartment you will need to lock the battery door. If this feature is not relevant to your class, please disregard this section.

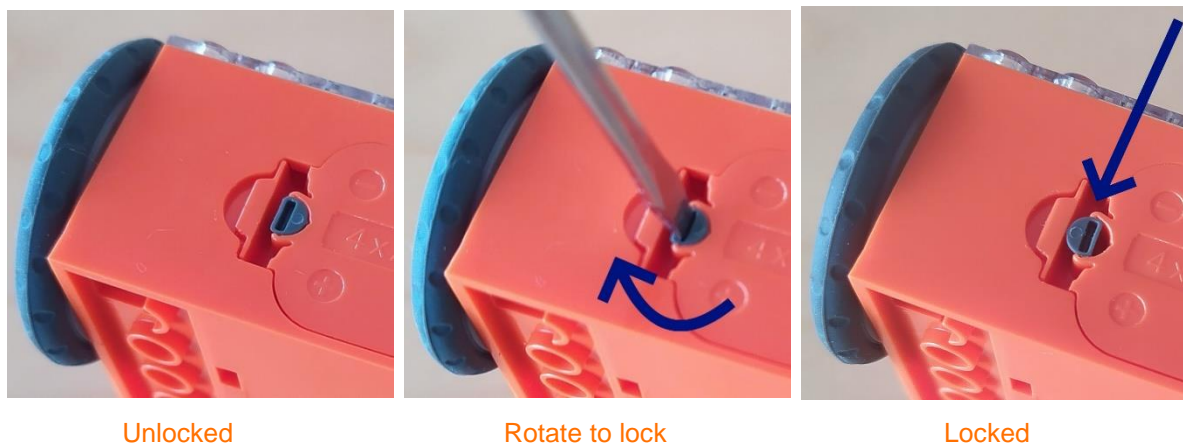
### Locking the door

To lock the door, you will need to turn both of the grey locking pins from the 'unlocked' to the 'locked' position when the door is closed on the robot.

Insert a screwdriver into the groove of one of the grey locking pins and rotate the pin until it reaches the 'locked' position.

Repeat for the other locking pin.

Once locked, the door cannot be opened until it is unlocked.



### Unlocking the door

To open the battery door, return both grey locking pins to the 'unlocked' position.

Insert a screwdriver into the groove of one of the grey locking pins and rotate the pin towards the middle of the door until it reaches the 'unlocked' position and is clear of the side clips.

Repeat for the other locking pin.

