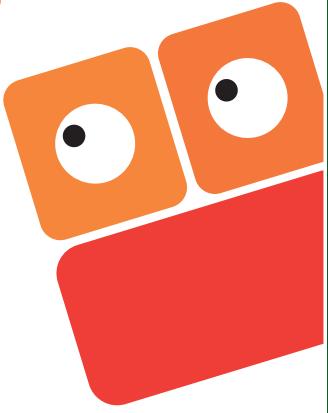


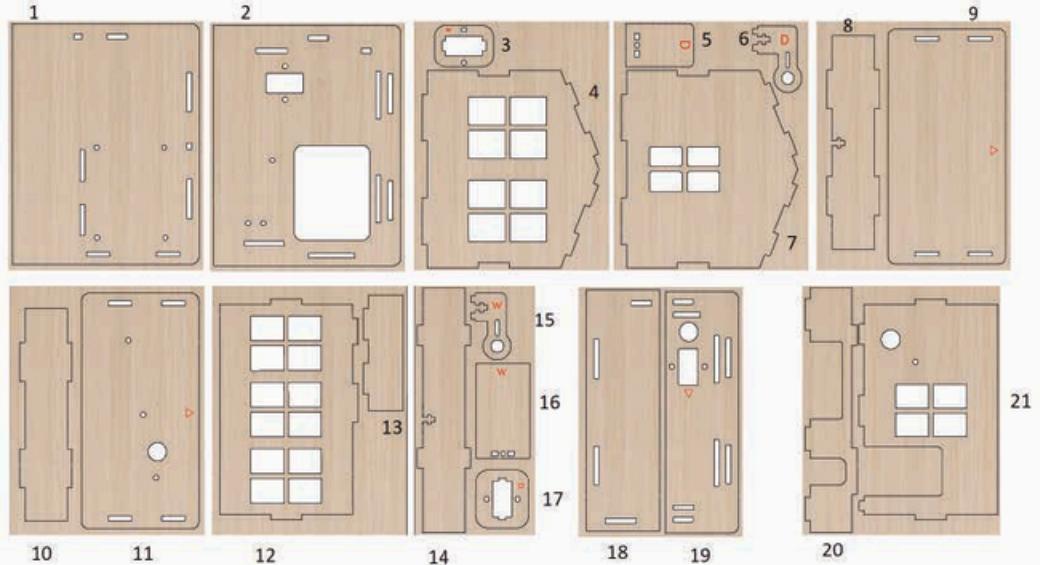


[rbt.ist/smarthomegit](http://rbt.ist/smarthomegit)

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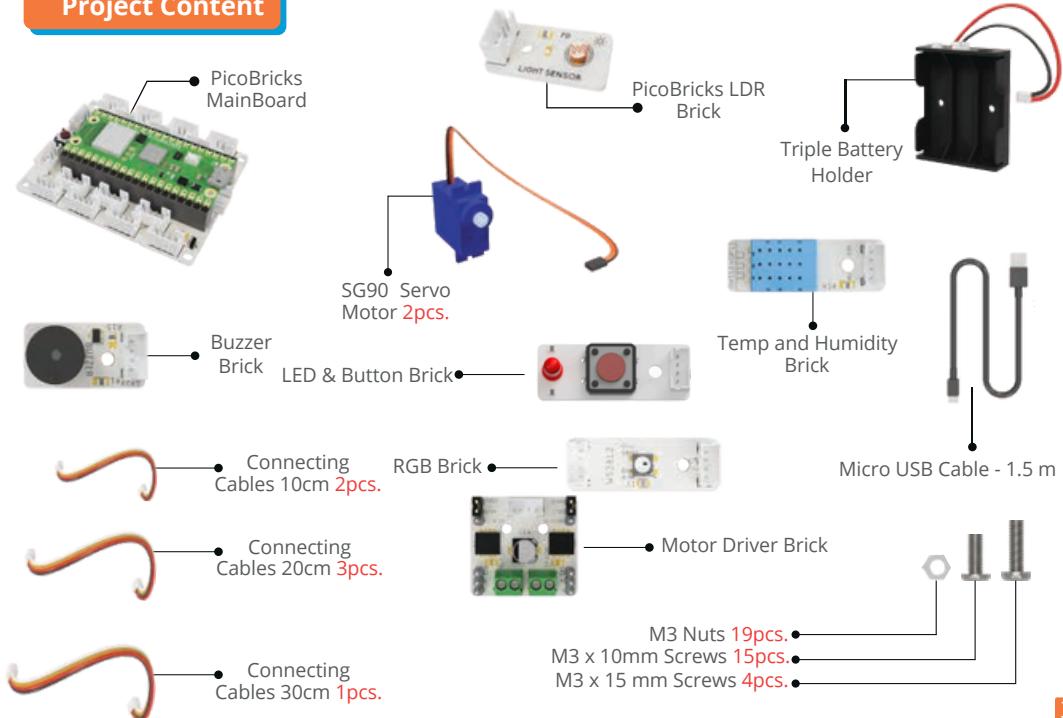
### Project Content



## Smart Home Kit



### Project Content



### Servo Motor Calibration

- Before starting the assembly of your Smart Home, connect the 2 servo motors to the servo inputs on your control board. Pay attention to the cable orientations (Brown/Red/Orange). A detailed diagram is provided on page 14.
- Upload the "Calibration Code" located in the QR code below from your computer to your card. This code will automatically adjust all motors to the required settings.
- After uploading the code, the motors will move and then stop. They are now all locked at the required settings. Cut the power and disconnect the motors from the board.
- Servo motor calibration is completed. You can start assembly of the Smart Home step.

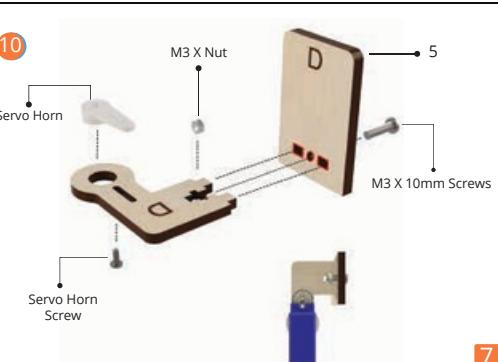
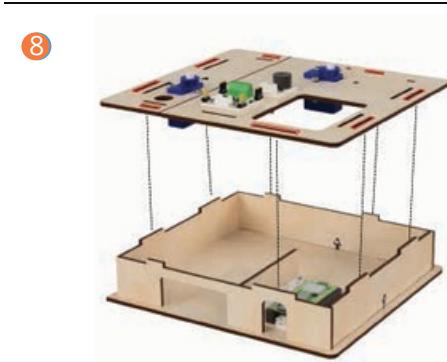
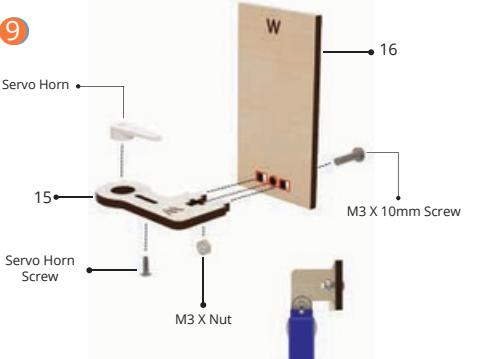
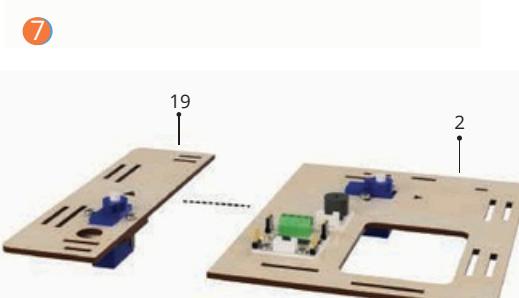
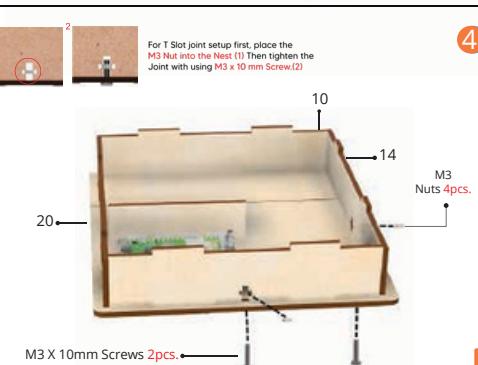
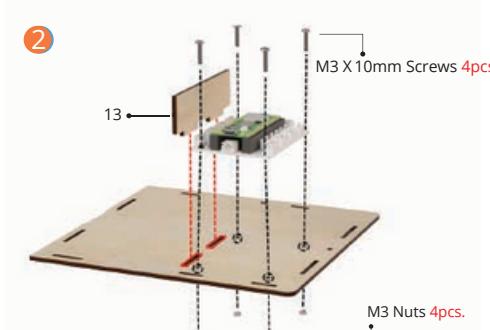
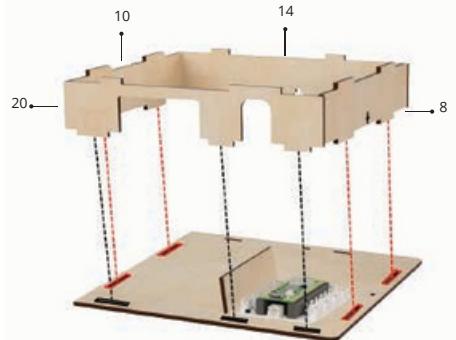
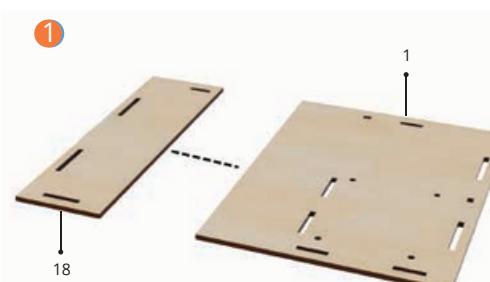
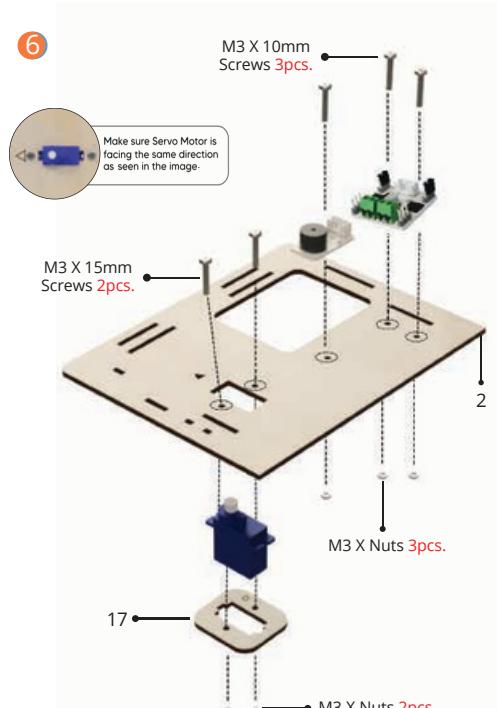
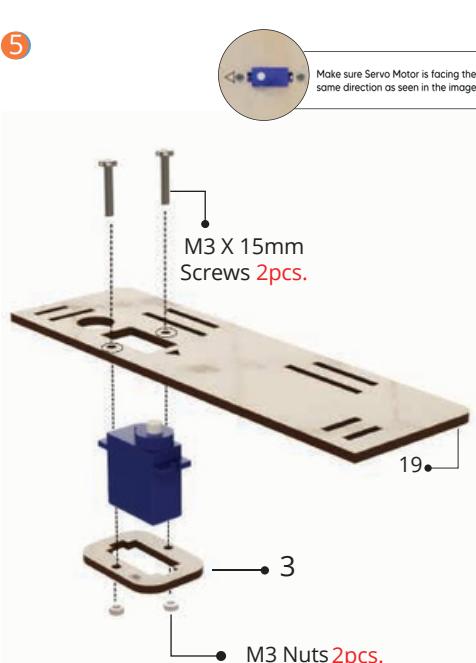


**ATTENTION:** Do not attach or screw the plastic servo horns onto the motors at this stage! They will be attached during the assembly phase.



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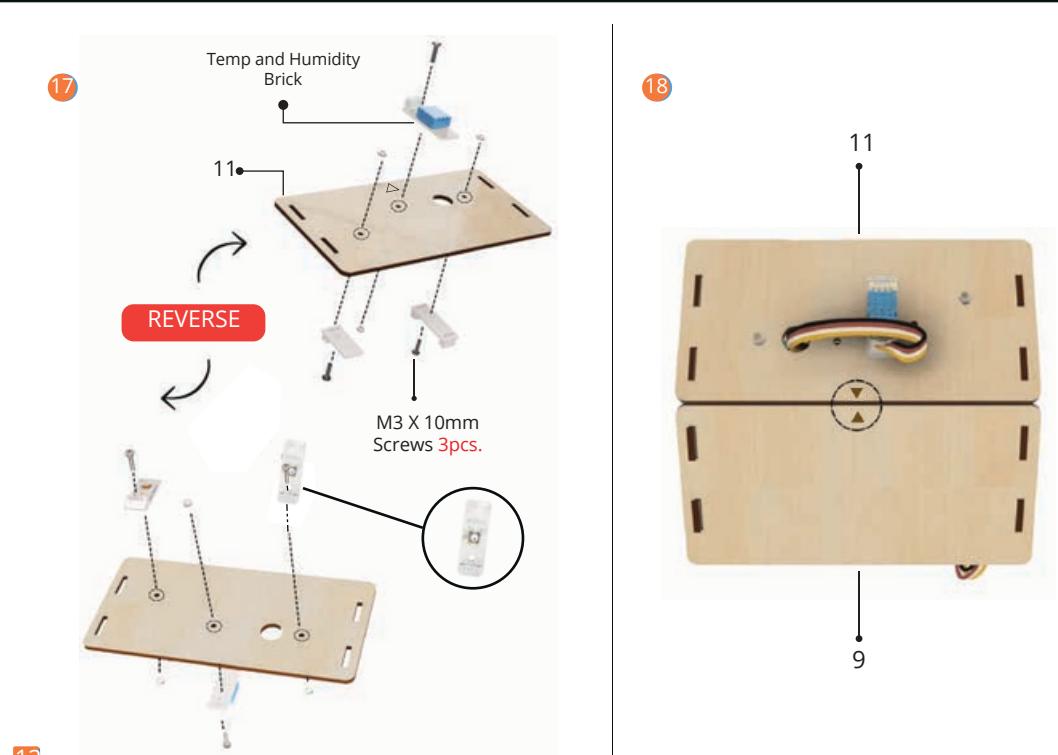
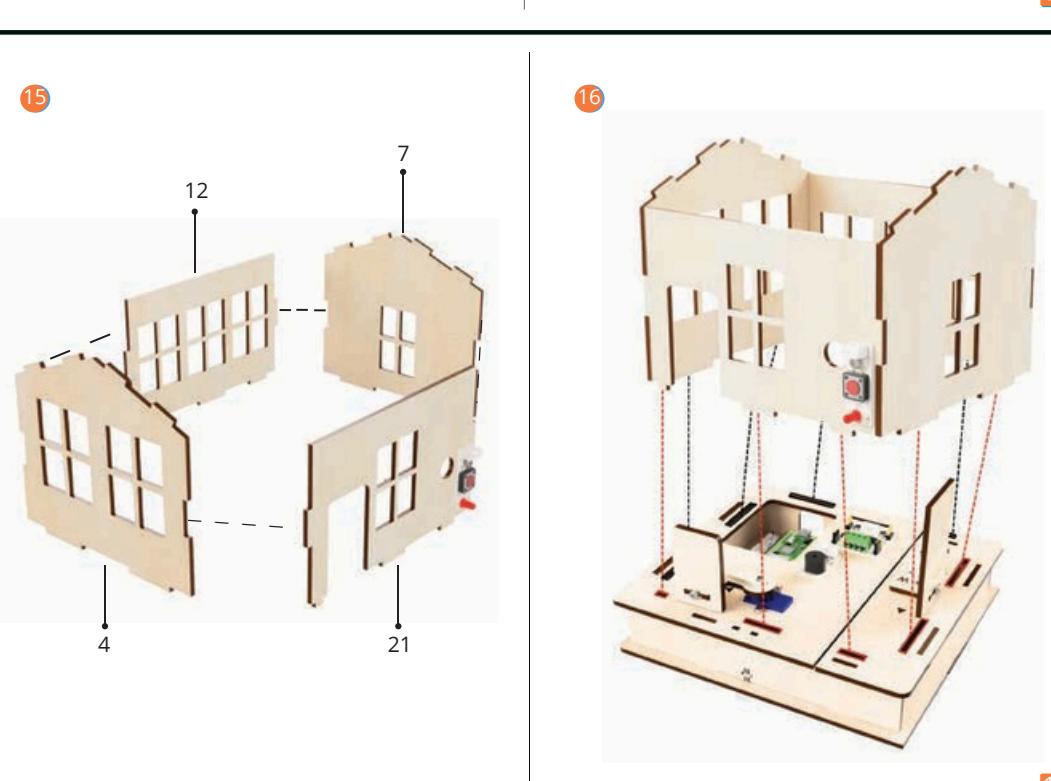
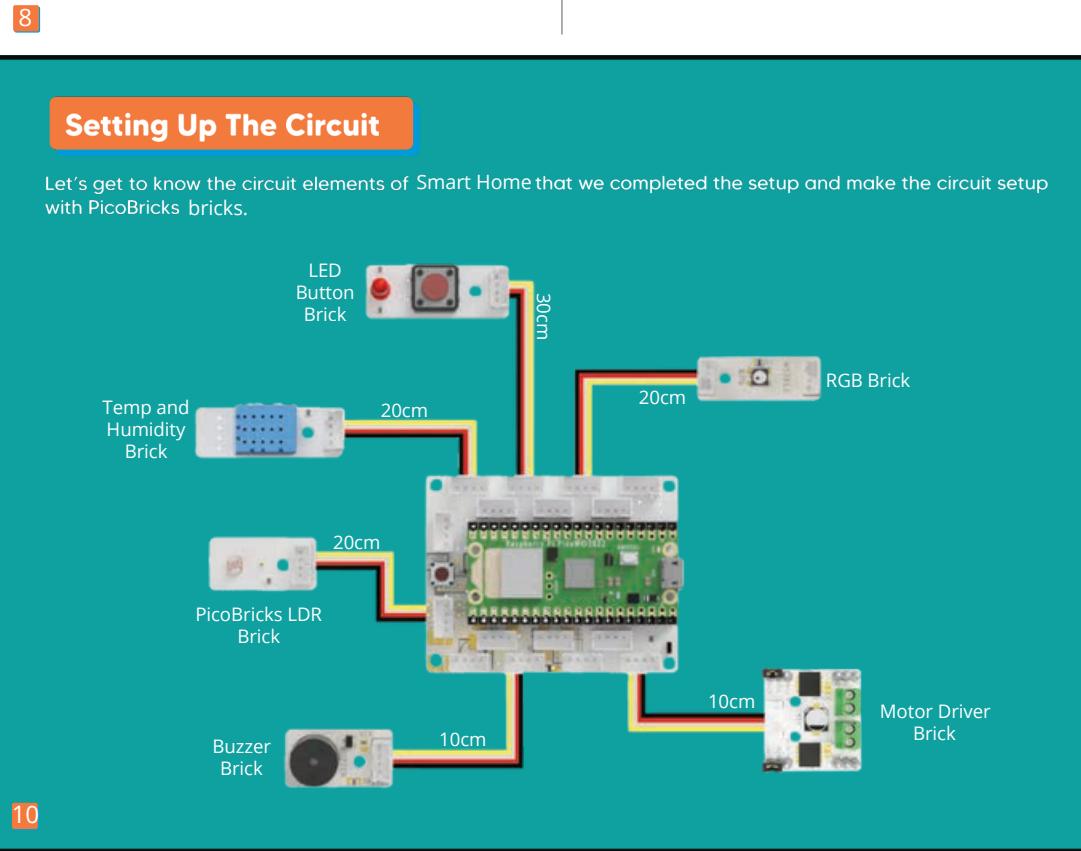
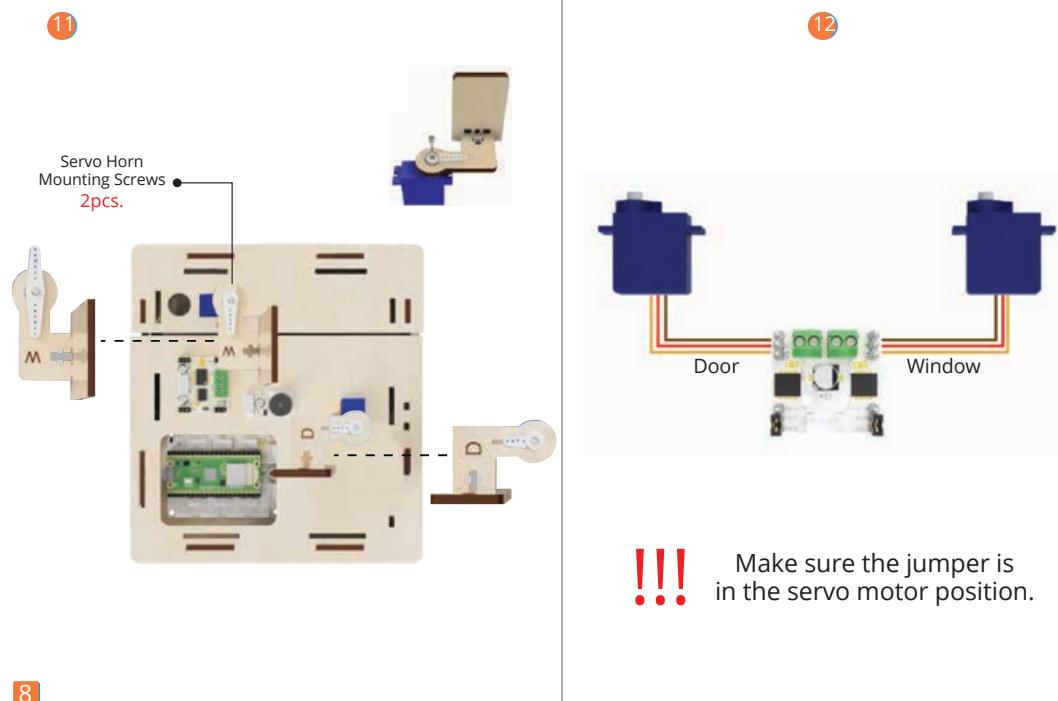
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## CHECKLIST

If PicoBricks Smart Home Kit is not working properly after completing the installation, you can check the steps below.

- Are you sure that batteries are full?
- Did you insert the batteries by paying attention to their polarities?
- Did you correctly connect Raspberry Pico to the main board?
- Did you connect the servo motors to the pin specified in the code?
- Make sure that moving parts are correctly attached to the servo motors use the servo horn mounting screw while attaching the that has servo horns on them.

