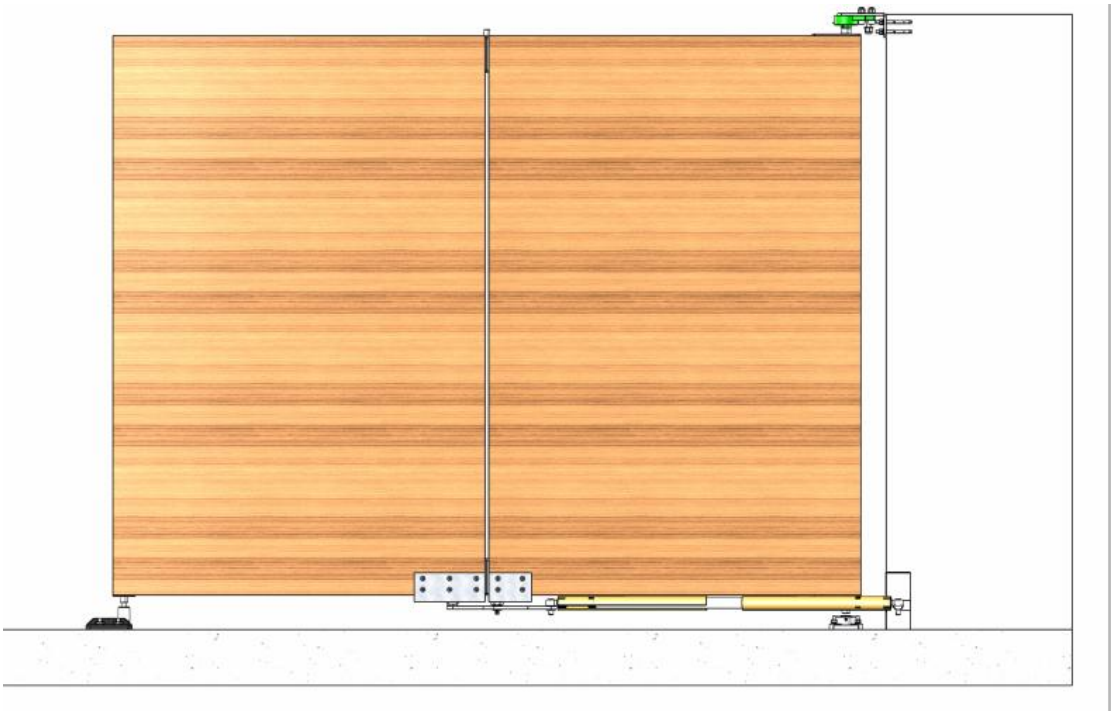
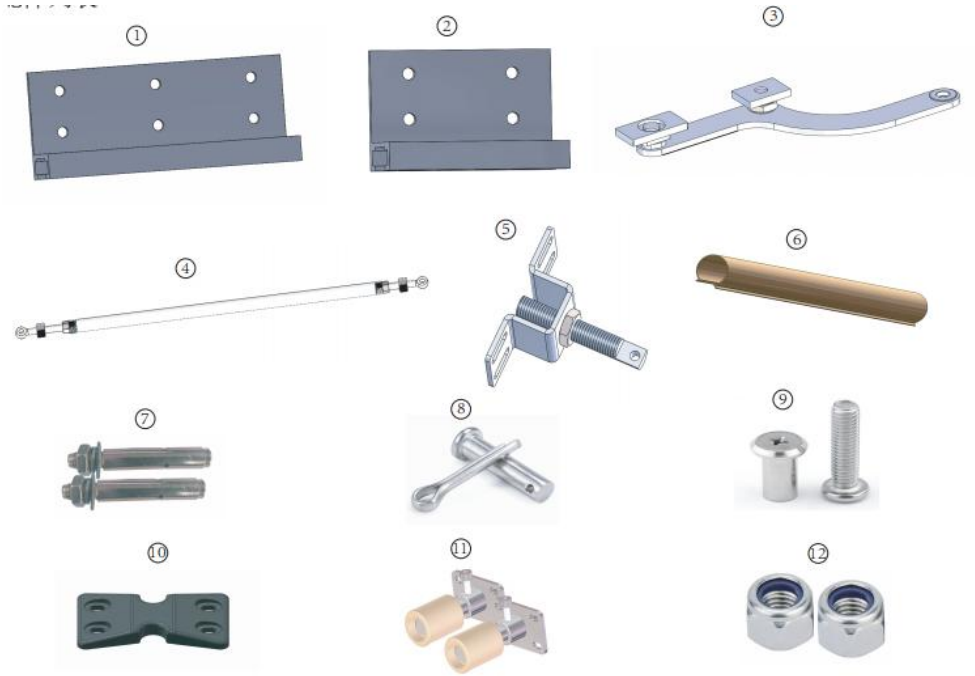
Bi-Folding Hardware Kit For Pull to Open Swing Gate
Installation Manual



Accessories List



①Long bracket x1

②Short bracket x1

③Folding door rotating mechanism

④Connection rod x1

⑤Fixing base x1

⑥Connection rod cover x1

⑦expansion screw x2

⑧Clevis pin and hairpin clip x1

⑨Screw unit x1

⑩Rubber stopper x 1

⑪Guide roller wheel x2

⑫ M10 lock nut x2

Installation Tools Reference

❶Electric drill ❷Percussion drill ❸Adjustable spanner, allen key

❹φ8, φ13 Drilling bit each ❺Phillips screwdriver

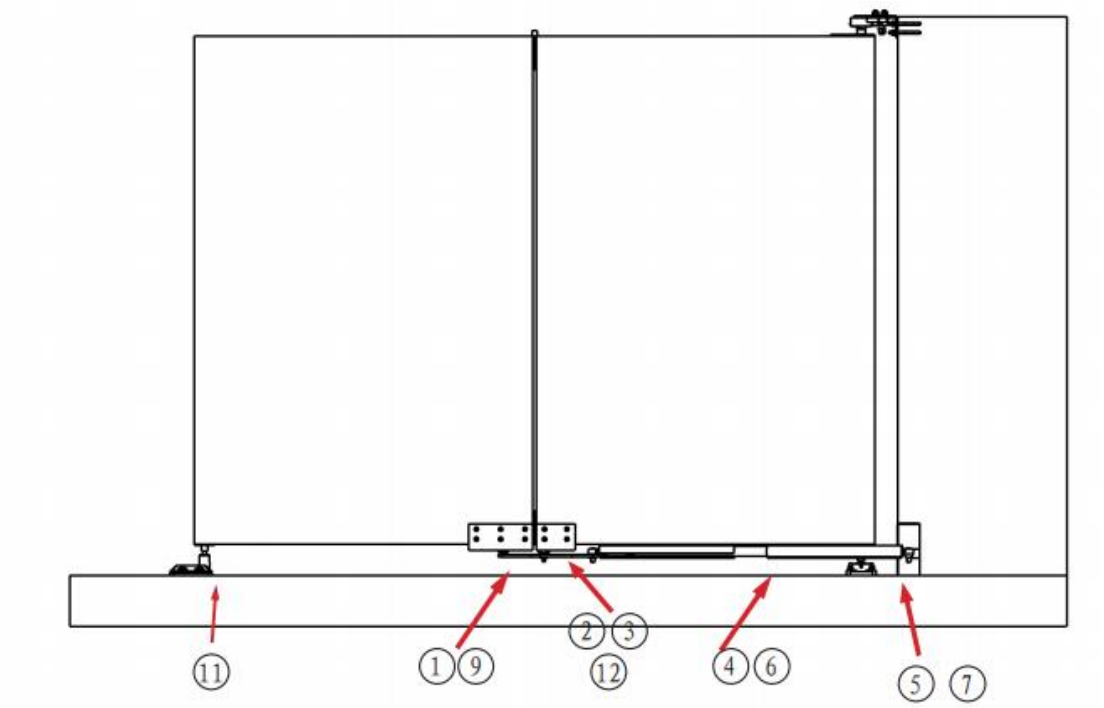
Important Notes

1. The kit hardware is ok to installed on the top and bottom of gate. The installation manual is only to describe how to do installation on the bottom of gate. Same operation for installing the kit on the top of the gate.

2. With this hardware kit, you will also need to install automatic swing gate opener together.

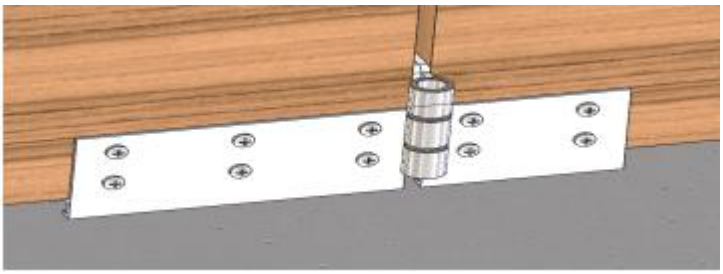
3. The door's connection hinge needs to be reinforced. This accessory does not come with it and needs to be brought by yourself.

4. When in installation, please also consider the actual installation situation.



How To Install

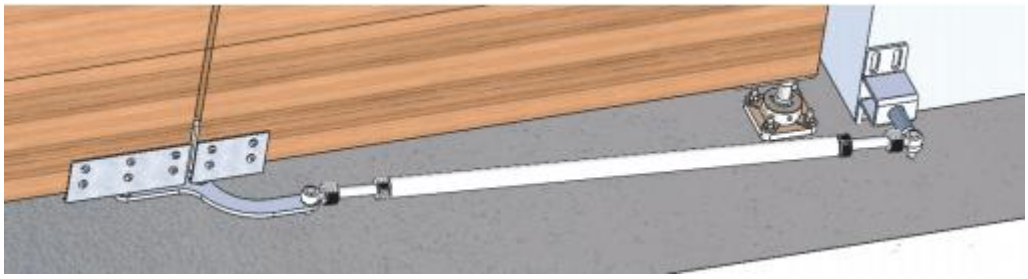
1. Fix the long and short brackets at the edge of the door, install the short bracket on the side close to the door axis, and tighten the screws unit ⑨.



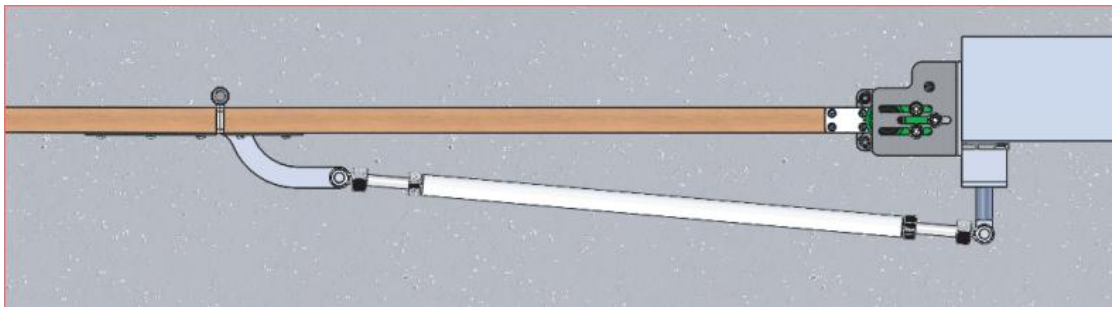
2. Slide the folding door rotating mechanism assembly from the side into the slot of the fixed bracket, install it to the leftmost side of the short bracket, and tighten the nuts at the upper and lower ends.



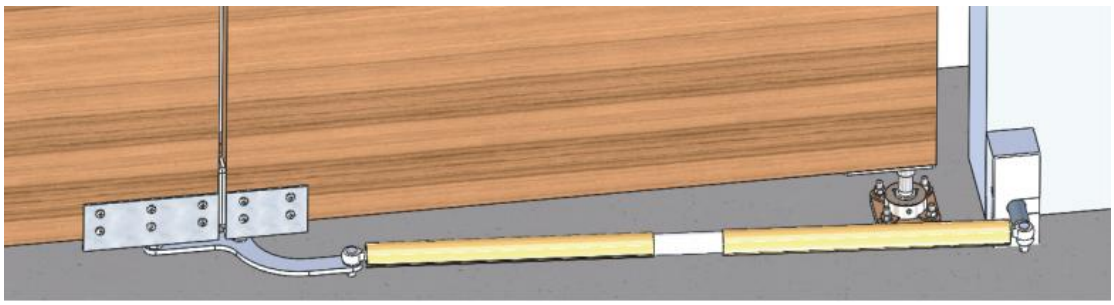
3. Install the connection rod and rotate it to find the approximate position of the base, insert the expansion screw, and adjust the tightness by rotating the middle connection rod.



4. Test the folding effect of the door body, which can be adjusted by adjusting the length of the connection rod, the fixing base, etc.

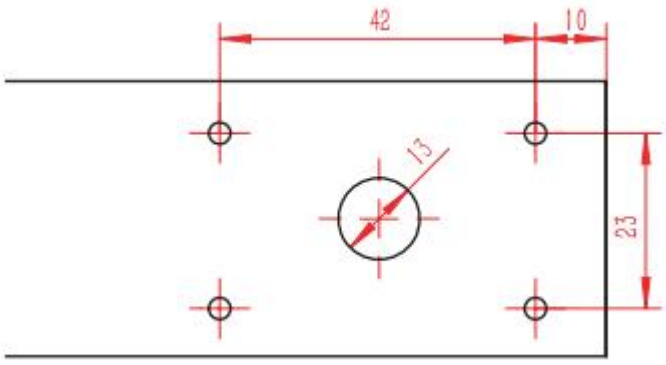


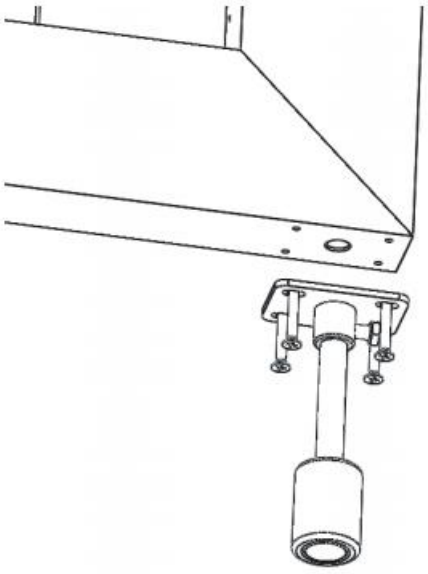
5. After adjusting the tightness and the door opening and closing effect, install the connection rod cover and base cover from the top.



6. Install the bottom guide wheel

Use a φ3.2 and φ13 drill bit to drill holes at the bottom of the second door according to the following dimensions. Install the guide roller wheel.





7. Fully closed the door, mark the position of the rubber stopper hole, and drill a hole with a φ10 drill bit.

