ASSEMBLY MANUAL
PortaPivot 6530

Depending on the selected door size, a normal (NL) or extra large (XL) pivot hinge is included. All installation steps are identical, unless stated otherwise.

NL pivot hinge
Door width smaller than 1250 mm.

XL pivot hinge
Door width larger than 1250 mm.
The aluminium profiles are inserted into a firm cardboard square cylinder tube, which offers perfect protection and remains stackable. The included assembly accessories such as rubber, corner joints, screws, door grips and the pivot hinge set are placed in a second cardboard box. The cardboard tube will weigh around 25 kg in this example and the square box will weigh around 5 kg.
Materials to be purchased locally:
- Safety glass or paneling
- Silicone spray

Recommended tools:
- Rubber hammer
- Wooden wedge
- Bit screwdriver
- Saw cut marker (Supplied with kit)
- Rigid 2mm aid (Supplied)
Degrease the saw cuts and use the supplied marker to paint the cuts.

Remove excessive paint from visual sides with acetone or alike
Slide in 5 EPDM inserts (GLB6-8) into every profile, and distribute them evenly.

Beware: sharp edges!

Always position 1 insert above pivot axis

StealthPivot NL and StealthPivot XL share identical installation steps
Take the top and bottom profile (with the cavity for the pivot hinge)

Insert 2 corner guides in each end of each profile.

Install the corner guide with the clamps pointing towards the outside of the profile.

StealthPivot NL and StealthPivot XL share identical installation steps.
The corner joint comes pre-assembled.

Insert the inbus screw, apply locktite, but do not tighten yet!

Slide the corner joint into each end of the top and bottom profile.

StealthPivot NL and StealthPivot XL share identical installation steps.
Corner guides and corner joints should now be installed at each end of the top and bottom profiles.

StealthPivot NL and StealthPivot XL share identical installation steps.
In both top and bottom profiles, slide in the parts labelled C with their labels facing inwards.

Insert 4 screws. Use locktite on all screws. Do not tighten fully yet!

StealthPivot NL and StealthPivot XL share identical installation steps
Use 2 wooden spacers (+-15 mm thick) on an assembly table and place the locally purchased panel on top.

Spacers are needed to provide space when mounting the aluminium profiles around the panel.

If your panel has pre-drilled holes, note that it has a top and bottom side!

StealthPivot **NL** and StealthPivot **XL** share identical installation steps.
Push left and right profile with their EPDM inserts over the panel.

Apply extra silicone spray on EPDM inserts if necessary.

Use a rubber hammer to facilitate positioning.

Careful: don’t drop profiles!

If there are holes for doorgrips in the profiles, their top/bottom orientation is important.

StealthPivot NL and StealthPivot XL share identical installation steps
Step 4: When all profiles are inserted, use a rubber hammer to position the bottom profile with the EPDM inserts against the panel.

**Careful: don’t drop profiles!**

If NOT positioned correctly, the panel will slide down when the fully assembled door is put upright!!

StealthPivot **NL** and StealthPivot **XL** share identical installation steps

**must be 0 mm!!**
Carefully tighten the inbus screw by hand! Over-tightening will damage the corner joint!

By tightening the inbus screw inside the corner joint, the profiles will be secured to each other.

This will also clear any gaps between the profiles.

Make sure to carefully align the profiles as best as possible before tightening the inbus screw.

StealthPivot NL and StealthPivot XL share identical installation steps
StealthPivot NL and StealthPivot XL share identical installation steps

Repeat for all corners
Use the appropriate rubber filler for 6 mm or 8 mm thick panels.

Push the rubber profile in the top left corner.

Push in at a further point, and work your way backwards to prevent stretching of the rubber profile while mounted.

StealthPivot NL and StealthPivot XL share identical installation steps.
If rubber doesn't pop into place well, use 2 mm supplied aid to press the rubber down while pushing it in place.

Use a wooden tool to press the rubber tightly (90°) into the corners without stretching it.

StealthPivot **NL** and StealthPivot **XL** share identical installation steps
Work your way all around.

Repeat for the counterside of the door leaf!

The rubber profile will be harder to insert because of the counterpressure from the first rubber.
Synchronize pivot axis height in doorway

Check the pivot height of the door with the doorway measurements, and synchronize them if necessary.

There are different methods to do this, see following pages.

StealthPivot NL and StealthPivot XL share identical installation steps
The default bottom joint dimension is 11 mm (=distance between floor and door leaf edge).

To increase the bottom joint, you have 2 options:

1. Use (supplied) shims between hinge and door leaf. This is the preferred method for the bottom hinge.

2. Use supplied shims between floor and hinge (= less stable).

StealthPivot NL and StealthPivot XL share identical installation steps.
Adjust top hinge height

The default top joint dimension is 12.5 mm (=distance between ceiling and door leaf edge). This is necessary for the optional 1-way accessory and positioning magnets.

Solid ceiling

12,5 mm

DOOR

To increase the top joint, you have 3 options:

1. Adjust the inbus screws to move the hinge further away from the door leaf (loosen 4 screws first).

2. Use (supplied) shims between hinge and door leaf.

3. Use supplied shims between ceiling and hinge (= less stable is not preferred at the top hinge).

StealthPivot NL and StealthPivot XL share identical installation steps.
Double check the pivot to pivot distance with the measured doorway height at the axis point.

Outer height from pivot to pivot = equal to measured doorway height on the axis point!

StealthPivot NL and StealthPivot XL share identical installation steps

Fully tighten all marked screws when joint dimensions are as desired.
The s90 will stop the door in open position at +/-90°.

!! Make sure the s90 is always on the same side top and bottom !!

For unlimited 360° rotation, remove the s90 from top and bottom pivot. This is only advised for central axis position.

StealthPivot NL and StealthPivot XL share identical installation steps.
We advise to install the optional 2-way positioning magnet(s) onto the doorframe. (For counter magnets on the ceiling, see ‘Door installation manual’)

If 1-way opening is desired, add the optional 1-way accessory. (For counter magnet + 1-way on the ceiling, see ‘Door installation manual’)

Make sure the 1-way orientation is correct!

StealthPivot NL only has one 1-way accessory

Cut away both columns before installation
For further instructions on how to install the fully assembled door in your doorway, please refer to the DOOR INSTALLATION MANUAL.