



Garage Door

fitting instructions

Framed Double Door Fitting Instructions V2.1

Warning!

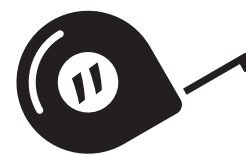


Garage doors are under extreme pressure from the spring system and a poorly installed frame could lead to serious injury if the door comes loose or falls in any way.

Before you start!

Measure

Measure and check the opening against the door you are about to install. Remember, you cannot trim down a steel frame so you are looking for an opening that is bigger than the door and frame size. Also check the opening is square and check there is the space inside the garage to ensure the door will not be impeded by anything in the garage.



Pack Contents

1x fitting pack containing:

- | | |
|-----------------------------------|---|
| 6x angled fixing brackets | 6/8 springs |
| 12x M8 coach screws | 1x threaded hook and bolt |
| 12x self drilling Tech screws 8mm | 1x top and bottom triangle spring holders |
| 24x M8 Washers | 1x punched angle |
| 3x keys | 2x tracks |
| 1x door | 2x track end stops |
| 1x handle pack | |

Tools required for installation:



Screw driver



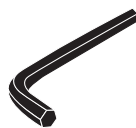
Pliers



Tape measure



Electric drill



Allen key



Spanner



Spirit Level



Wedge

Safety Equipment



Gloves



Goggles

Wear adequate protection when installing

Handy information:

Caution!



Garage doors are heavy and this item must be installed by two people.

Do not!



Do not allow children to assist in the installation, adjustment, or operation of this door. Garage doors can inflict severe injury if not used correctly.

CE Marked



This door is CE marked and comes with a Europe wide 2 year warranty, limitations apply visit **www.fortdoors.co.uk** and view full terms and conditions.

Warranty



Always ensure the door is correctly adjusted and serviced as failure to do so may invalidate the warranty.

Warning!



Until all parts of the installation are finished, there is a possibility of being locked out, always ensure someone is inside until you have checked the operation of the lock and adjusted as required.

For technical help:

Helpline: 01217 497 977

Email: sales@fortdoors.co.uk

Website: www.fortdoors.co.uk

Installation

Offer the door up to the opening and assess the most appropriate location for the brackets. Level the door and ensure it is square in the opening.



Tip

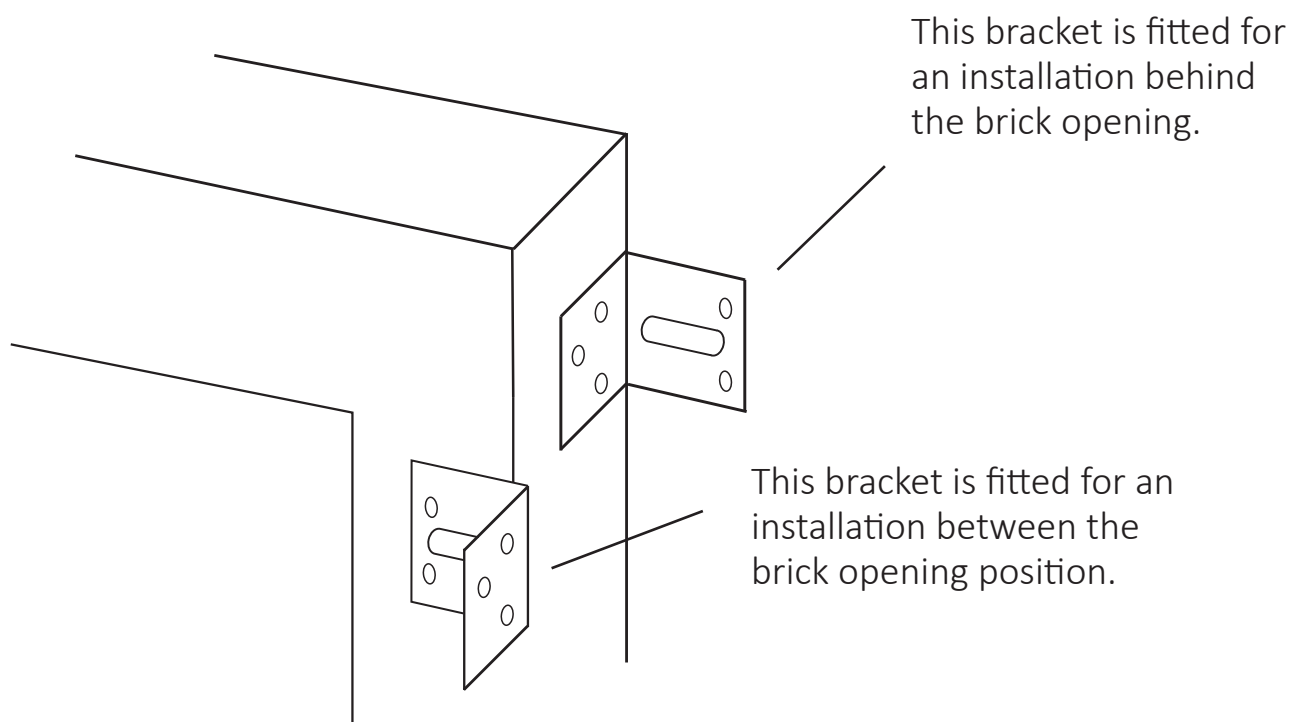
Get the level correct now as its difficult to move the door around once you start fixing the wall brackets.

Fit the angled brackets

There's no fixed way of fitting brackets to the frame. They should be fitted to obtain the strongest fixing to the frame/wall and you should asses this on site. Always use the tech screws provided to fix to the frame and the coach screws into the wall (**no wall plugs are supplied**).

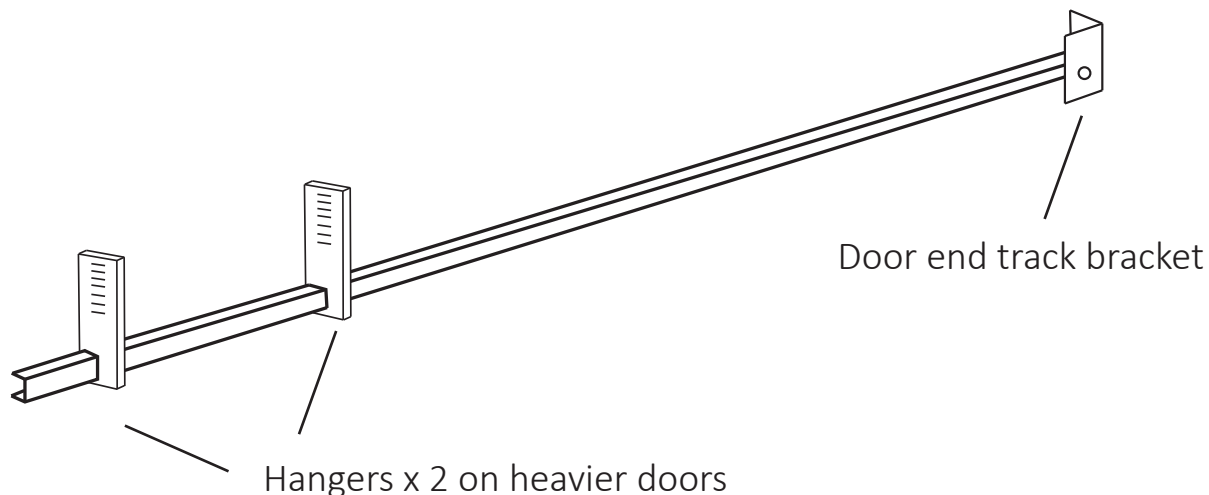
Ensure that you use 3 brackets per side, one at the top, middle and bottom. Non are required across the head of the frame . Fix using 2 x self tapping tech screws per bracket .

Below are 2 examples of how brackets might be fitted:



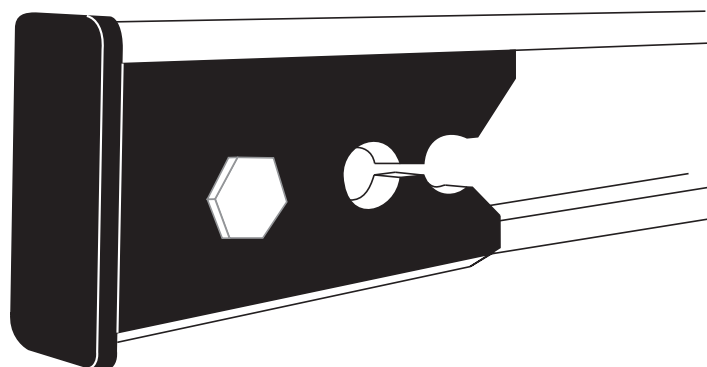
Hang the tracks

Slide the track end over the top wheel and bolt the track bracket tightly to the frame. The bottom of the wheel should just rest on the bottom of the track. The picture shows the hangers slid over the track. **1 per side on lighter doors, 2 on heavier doors.**



Cut the hangers to size and hang them from the ceiling at a 90 degree angle to the door. When both sides are done double check by measuring across the width, front and back that they are parallel.

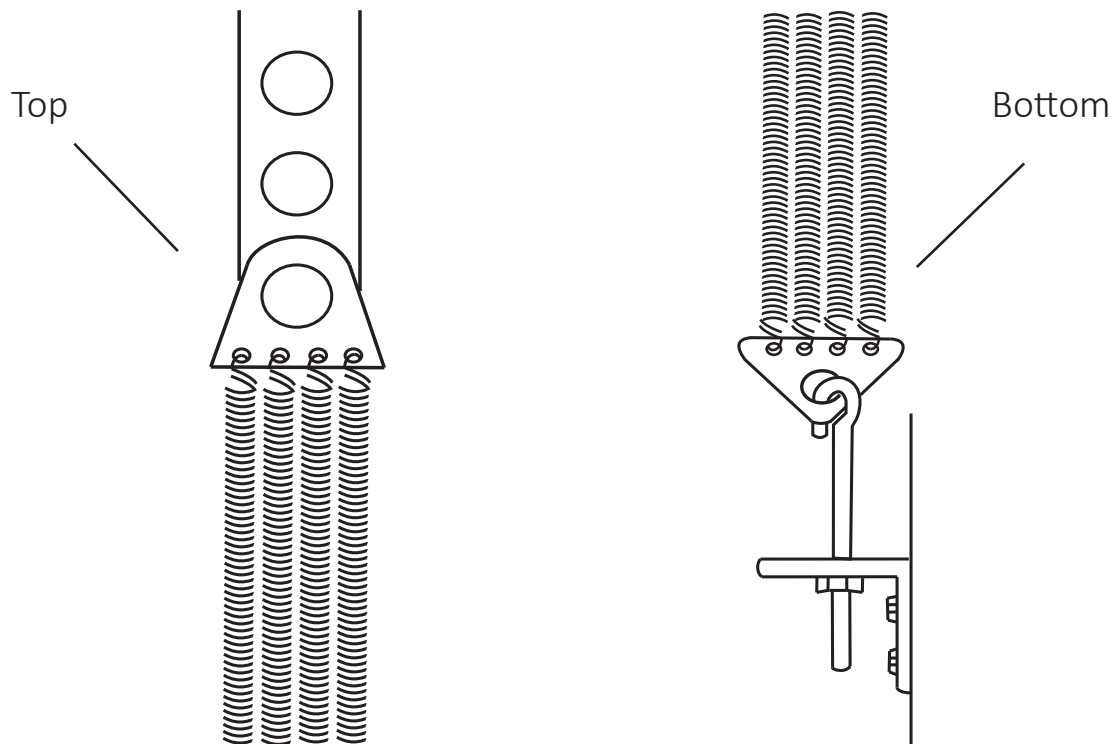
Next, fit the track end stops as shown.



When fitted correctly the top roller clips into the groove and holds the door firmly open.

Spring fitment

The door gear used is for many versions and weights of panel , you will have between 3 and 6 springs per side. The diagram shows the 4 version spring fitment.



Hook the springs on symmetrically do not cross the springs they must be in the corresponding hole top and bottom. With the door in the open position hook the springs on to the holders and tension by tightening the bottom bolt, you should only be taking the slack from the springs so they cannot fall off the holders .

To test the springs

Try the door balance. It should hold its own weight at waist height without opening or closing. If it rises or falls then increase or decrease the tightness of the spring .

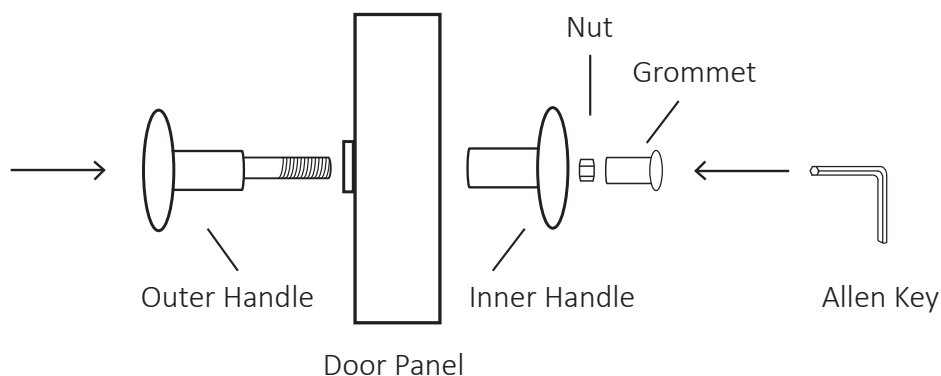
Adjustment



Increase or decrease tension using the bottom bolt. Increase or decrease speed of movement by moving the top bolt up or down the holes (up faster/down slower).

Fitting the outer handle

Fit the outer handle to the outside of the door, fit the inner lock and the moulded fixing using an Allen key and tighten.



Caution!

Only tighten enough to remove play from handle - over tightening can damage the outer panel.



Door commissioning and adjustment

Open the door fully and oil the side arms, cables and top latches. **If 4 point locking purchased see separate sheet and fit now.**

Caution!

Check the locking works correctly from the inside by closing the door and opening again. Do not do this from the outside as if adjustment is required you may not be able to open the door again.



Although adjusted in the factory the cables can be disturbed during transport and it is the responsibility of the installer to correct the cables as required. Now oil the tracks / lock and latches and all moving parts – do not grease any part.

Adjustment

If the door is opening too slowly or too quickly adjust the tension on the spring (see spring tension adjustment). **Call the technical helpline on 01217 497 977 for advice** - this element should only be performed by competent persons.



Finish the door frame with trim as required.

Important

Cables



Locking cables are subject to wear and tear and should be examined regularly, tangling of cables through poor maintenance/ adjustment does not constitute as a manufacturing defect.

Check the balance



Check the balance of the door regularly and adjust as required by tightening the bolt that stretches the springs.

Keep the instructions



Garage doors can inflict serious injury if not handled, adjusted or used correctly. You should keep these instructions in a safe place and refer back if in any remedial work is required.

Door maintenance

- Every 3 months you must oil all pivot points with 3 in 1 oil.
- You must check tension of the door - open the door and ensure it holds in place if it falls contact your dealer or the helpline for more advice.
- Clean the paint finish and touch up any marks with the correct RAL colour stick available from your dealer.
- **Refer to the door label for more advice.**

Removal

To remove the door you must first remove the springs with the door in the open position, close the door and remove all screws and parts until the panel can be lifted out and disposed of correctly.



EC Declaration of Conformity



We, the Fort Doors company of the United Kingdom, do hereby declare that the building industry product described in the detail below conforms in all respects and meets all requirements if assembled and maintained in accordance with the installation instructions.

Product Fort overhead garage door for manual operation

Standard Industrial, commercial and garage doors and gates -
Product standard - Part 1: Products without fire resistance
or smoke control characteristics.

EN 13241-1

EN 12604 Mechanical aspects - requirements

EN 12605 Mechanical aspects - test procedures

We furthermore declare that the technical documents including test certified will be made available to the relevant governing authority upon request.

Authorised persons for the compilation and management of the technical documentation:

A handwritten signature in blue ink, appearing to be 'D. Jones'.

The Directors
Fort Doors
25/06/2013



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