

Installation Instructions For

TRACKED

Framed Single Metal/Timber Garage Door

(where the door is supplied with a Henderson metal garage door frame)

Always read the care and maintenance label thoroughly.

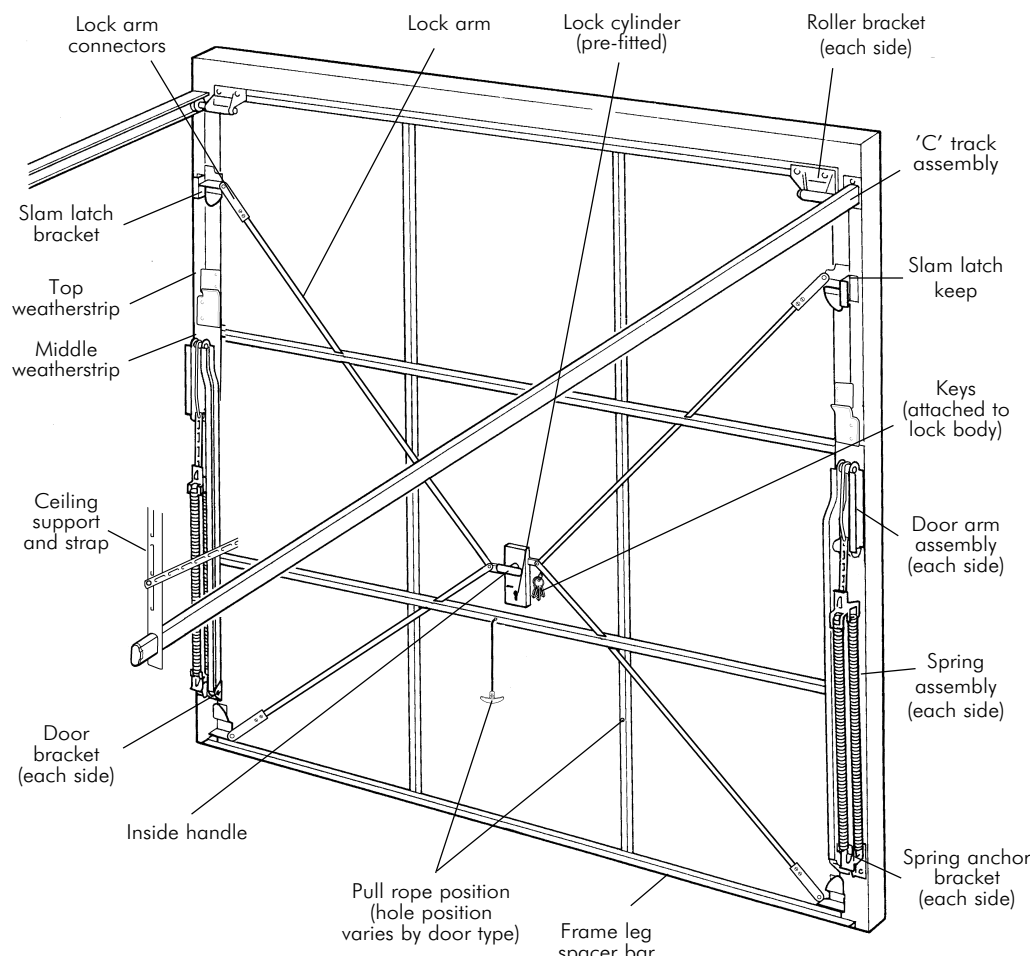
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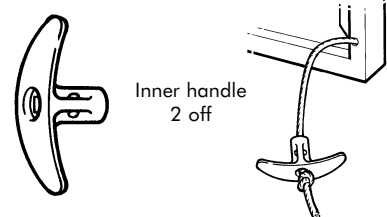
FRAMED CANOPY DOOR

Familiarize yourself with the terms for the door components before starting the installation. The door and components must be installed by suitably trained and qualified persons, in accordance with the instructions provided. If in doubt contact a professional installer. It is important that the installation does not deviate from the instructions provided such that all requirements of EN 12604 and EN 12453 are met and if necessary verified (from May 2004). Once installed the door should be labeled in accordance with EN 13241 (from May 2004).



Note: The door bracing differs with each door style
Illustration shows pattern for vertical and horizontal type panels.

NOTE: Two inner handles are provided to make the door easier to lift during transit. They are attached by ropes to the bottom sides of the door chassis and should be removed once the door is secured in position. They will be used in step 8.



IMPORTANT

Check that all contents are included in the packs and that the door size is correct for the opening (see label on side of door - the label refers to the size of opening and not size of door).

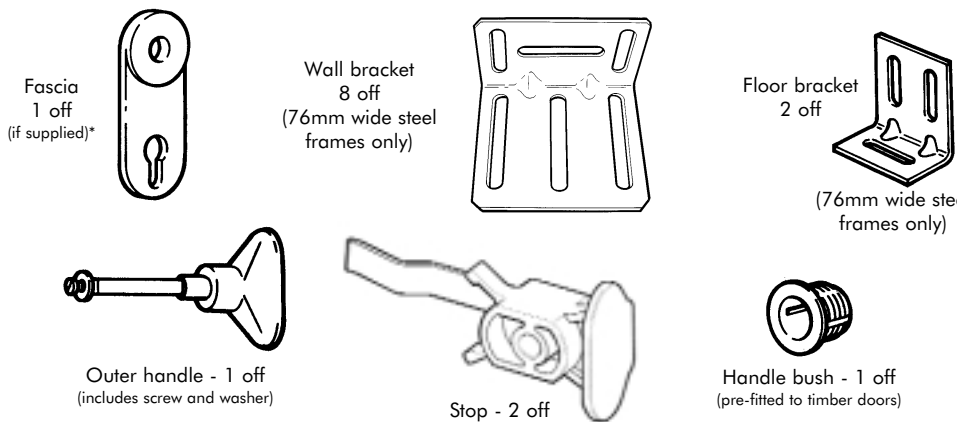
The fittings pack (see contents list) is supplied strapped to the door and must be detached and checked before starting the installation. The fittings supplied are for use in general brickwork applications. If you intend to install this framed door to any other material (for example, 'Thermalite' blocks) you must use suitable fittings. These are readily available from most Builders Merchant outlets

Installation is carried out from inside the garage. Ensure that you have adequate lighting and that all tools and fittings are inside the garage BEFORE you start.

Ensure you have the outer handle with you before leaving the garage during installation. Whilst operating the door be aware of the area it moves through. Keep people and objects out of the way. When manually operating the door, control the leading edge of the door by hand throughout the opening and closing cycle. When the door is in the open position, always ensure it is fully open/as far back as possible.

Ensure that good safety practices are employed during installation. Use good quality tools and take appropriate care if using any electrical equipment. Always check for dangerous features in the workspace such as sharp edges, protrusions or concealed or damaged electrical wiring

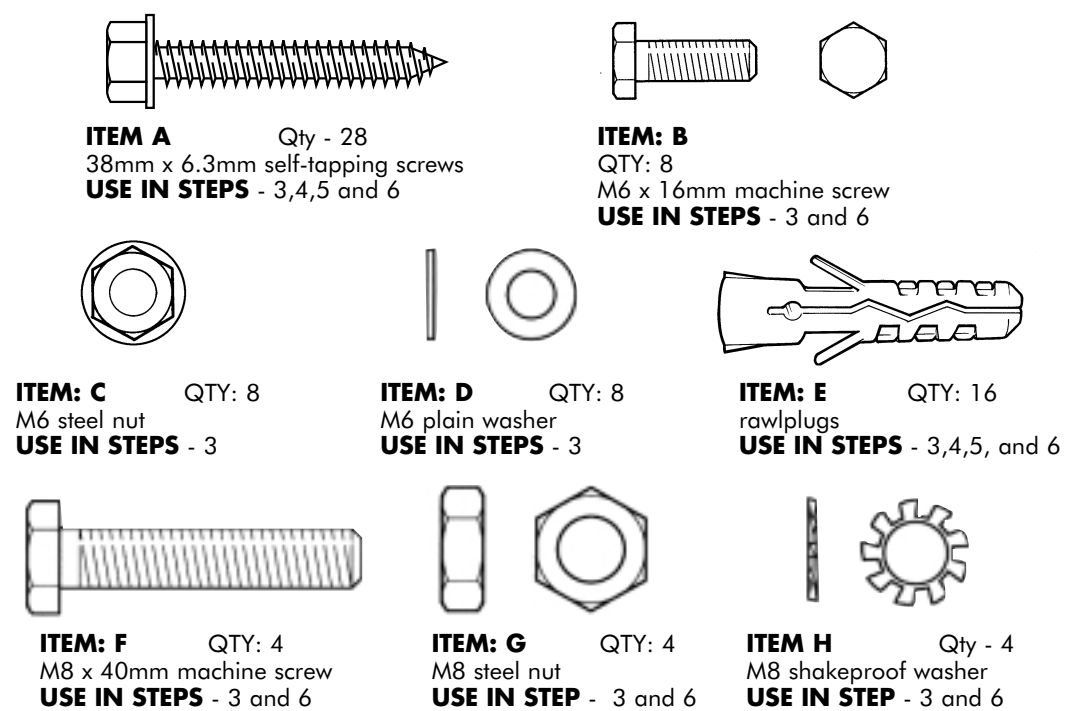
CONTENTS OF THE FITTING PACK



Note: The fascia is not used on Merlin, Durham, Doric and Victoria Steel Doors and is pre-fitted to timber doors. If you are short of any of the items mentioned, please contact your supplier.

LIST OF FIXINGS SUPPLIED IN FITTING PACK

SHOWN ACTUAL SIZE



1 CLEARANCES

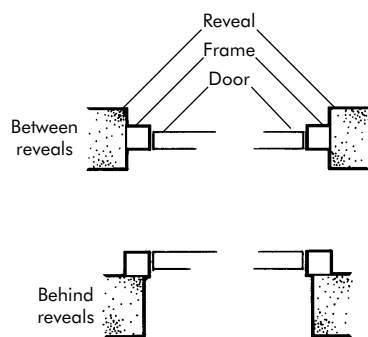
The framed door may be fitted centrally between or behind the reveals.

If fitted between, the ideal clearance between the wall and the frame is 10mm around the head and legs.

If fitted behind, the clearance between the wall and the inside face of the legs is 2.5mm min, and 62.5 mm max, (76mm wide steel frame) and 40mm max, (60mm wide aluminium frame) on each side.

Ensure there is a minimum 10mm clearance between the bottom of the door (not the frame legs) and the floor.

Note: All doors include the necessary clearances within the frame. The frame legs must be kept parallel to the door chassis. It is not permissible to misalign the frame legs to suit the brickwork.



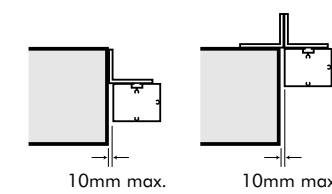
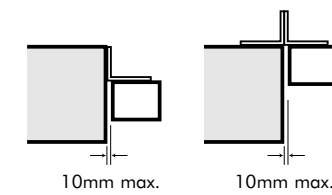
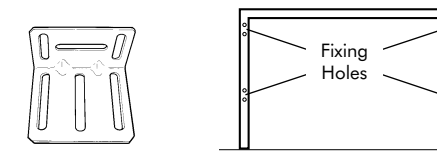
2 REMOVE LOOSE ITEMS FROM THE DOOR

Do not remove the frame leg transit screws until step 5. Check that you have all of the necessary items. You should carefully remove the fittings pack, the ceiling support and any other loose items attached to the door. Check that the correct parts are provided. Handle the door carefully to avoid damage.

3 FITTING BETWEEN THE REVEALS

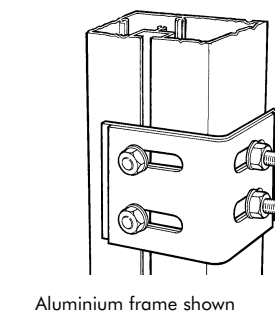
76mm wide steel frames

Loosely fit four brackets to the pilot holes in the frame legs (where shown) using the self-tapping screw A. If the frame is flush with the inside wall, use two wall brackets bolted together (use the M6 x 16mm screws, nuts and washers, B, C and D) at each fixing point



All framed tracked doors

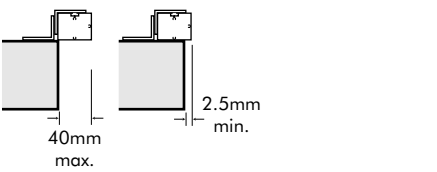
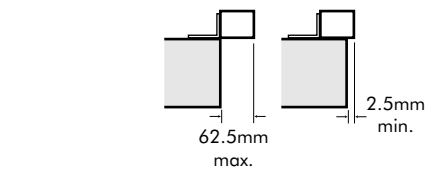
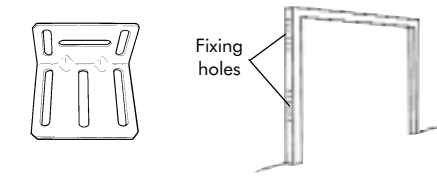
Position the door and frame centrally in the opening, ensuring that the frame head is level horizontally and that the frame legs are square to the head. Adjust the brackets so that they are against the wall and tighten all fixings. Secure the brackets to the walls the 38mm x 6.3mm screws and plugs (A and E)



4 FITTING BEHIND REVEALS

76mm wide steel frames

Sets of six pilot holes are provided on the outside edge of the frame legs. Loosely fit the large brackets (two each side) to the frame using the self tapping screws A. Ensure that a secure wall fixing is possible, if not simply move the bracket to a better position.

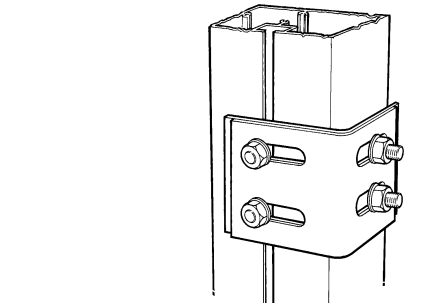


60mm wide aluminium frames

Eight brackets are pre-fitted to the aluminium frame (in pairs as shown). Uncouple the brackets and re-assemble as required to suit the opening, ensuring a secure wall fixing is made.

All framed single tracked doors

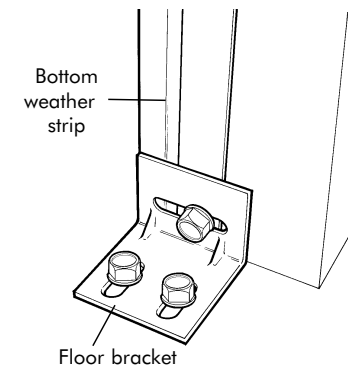
Position the door and frame centrally in the opening, ensuring that the frame head is level horizontally and that the frame legs are square to the head. Loosely secure the brackets to the wall using the 38mm x 6.3mm screws, and plugs (A and E). With the frame legs flush against the rear of the reveals, tighten the screws into the frame and finally tighten the wall fixings



5 SECURE THE FRAME TO THE FLOOR

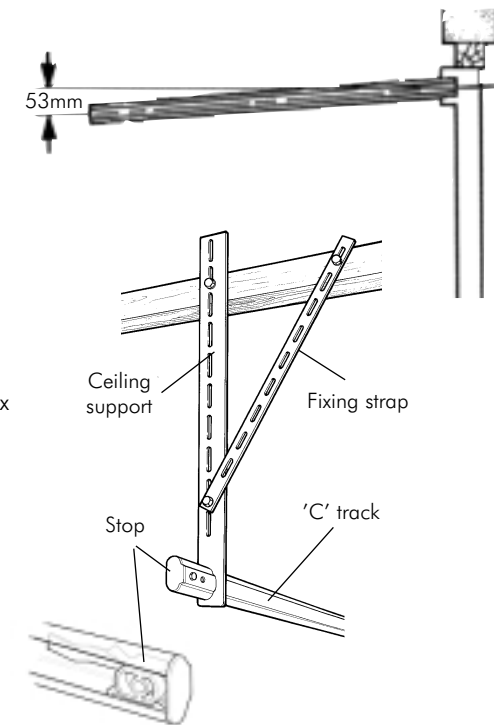
76mm wide steel frames only

Remove the lower frame leg transit screws fixing the strike plate to the chassis. Remove the bottom weatherstrip / frame fixing screw. Align a small bracket with the edge of the frame leg using the hole left in the frame leg when the screw was removed. Use a self tapping screw A. Secure to the floor using screws and plugs (A and E). Repeat for the other frame leg.



6 ALIGN THE 'C' TRACKS

Slide the adjustable ceiling support over the rear of the 'C' tracks and raise the tracks. Ensure the 'C' tracks are parallel and angle downward from the face of the door to the back of the garage by approximately 53mm.



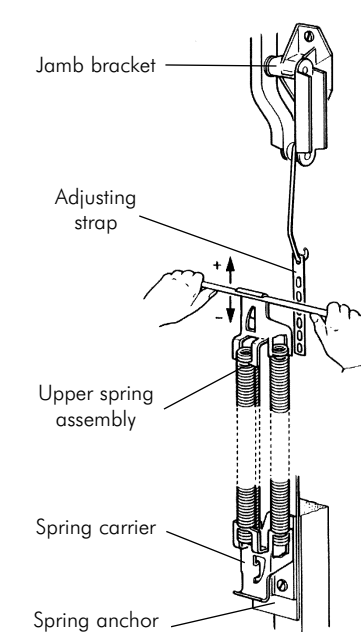
Secure ceiling support and fixing straps into the ceiling using fixings A, F, G, H and E (not required if secured to timber). Ensure 'C' tracks are square to the opening. Diagonal measurement of the tracks from corner to corner should be equal. Check the position of the roller at the front of the track. Position the front track brackets to provide a small clearance at the bottom of the roller (1mm). Now fix 50mm x 8mm screws.

Insert the track roller stop into the end of the track. Fix using M8 x 40mm hexagonal slotted machine screw F, nut G and washers H.

Important: Correctly fitted 'C' tracks will be rigid and parallel and will not require intermediate supports.

7 FIT THE DOOR SPRINGS

Grip the door and simultaneously release the catches by pulling the lock arms. Slowly and carefully open the door and carefully locate a prop to hold the door safely while the springs are fitted.



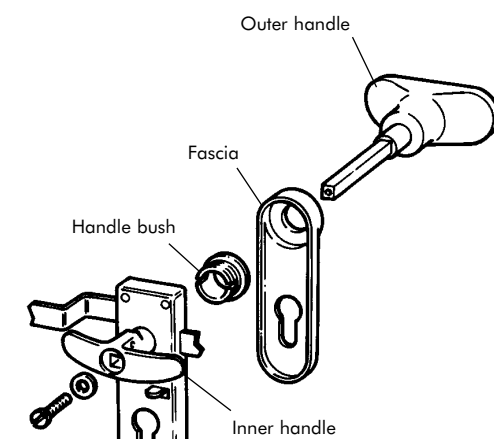
Locate the spring carrier onto the hook on the spring anchor bracket, ensuring that the hook has located properly as shown.

Using a suitable lever, carefully lift the top part of the spring assembly and locate the hook into one of the slotted holes on the adjusting strap as shown. Ensure that the same slotted hole is used on both sides of the door.

Support the leading edge of the door leaf and carefully remove the door leaf support prop. Guide the door towards the closed position until the tension of the springs supports the door. Ideally the door will be well balanced and should find a natural 'at rest' position at about 2/3 of the way down. If necessary re-support the door leaf and adjust the spring tension as necessary (move up the slotted plate to increase the spring force and down the slotted plate to reduce the spring force).

8 FIT THE LOCK

With the lock supported on the inside, push the handle bush into position from outside and fit the fascia by inserting the fixing lugs into the holes until they 'snap-in'. Remove the screw and washer from the outer handle and pass the handle through the lock as shown. Fit one of the inner handles and secure using the screw and washer just removed. Check the operation of the handle and lock mechanisms. The second inner handle should now be attached with the rope below the lock body, on the door bracing. Thread the rope through the hole provided and knot securely to make a 'rope pull'.



Note: The fascia is not supplied for the Merlin, Doric, Durham and Victoria steel doors and is supplied pre-fitted to timber doors. The 'rope pull' is supplied pre-fitted to GRP doors.

9 COMPLETING THE INSTALLATION

When the installation is complete, apply a small amount of oil to the pivot points. Do not oil the 'C' tracks

10 TROUBLESHOOTING

If you experience any problems with the operation of your door firstly check the frame and door installation as shown in steps 1 to 8 and ensure all installation steps have been followed correctly.

PROBLEM SOLVING

- | | |
|-----------------|---|
| Problem | The door 'kicks across' to one side when open. |
| Solution | Ensure the 'C' tracks are parallel. Measure diagonally from corner to corner. The distance should be equal. Re-position if necessary. See step 6. |
| Problem | The handle is stiff to turn. |
| Solution | Apply a drop of lubricating oil to the handle bush - see step 8. |

11 DISMANTLING

The door must be dismantled with care. Always ensure that the structure is well supported during dismantling and that parts are not allowed to fall or pivot in an uncontrolled manner.

Start from inside the garage and ensure that all necessary lighting, tools and personnel are available. The door should be opened and propped securely. The door springs can be carefully removed by disengaging from the adjustment strap (see note 7 for reference). The springs, adjustment straps and hooks can now be detached from the door. Grip the door leaf, carefully remove the prop and gently close the door.

Release the 'C' tracks from the ceiling supports and lower towards the front of the door. Remove the ceiling track supports (see note 6 for reference).

Remove the floor fixing bracket (see note 5 for reference). Remove the frame leg brackets (see notes 3 & 4 depending upon the installation). NOTE - Take care to ensure that the door and frame are supported securely and that the door can not fall.

The door can now be carefully handled but ensure that loose parts do not move to fall or jamb to cause injury. The door will release from the opening. Ensure that hands will not come into contact with any sharp edges and wear gloves if necessary. Always take care when handling heavy items.

Dispose of all unwanted parts in accordance with best practices and legislation.