Always use the same number of springs on each side. For 2 springs use outer hooks, for 1 spring use centre hook, for 3 springs use all hooks. A minimum of 2 through to a maximum of 3 springs per side may be supplied depending upon door weight. Check door operation and re-tension if necessary. (See maintenance label on side seals for details).

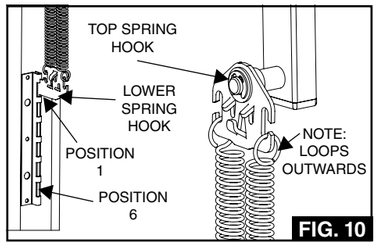

FIG. 10

12. Fully fix Tracks
With the door in the open position check that the tracks are parallel. This can be checked by ensuring both roller wheels touch the track end stops simultaneously. The tracks can be moved sideways in either direction to achieve this. Once parallel fully fix tracks by securing a cross brace using the M8 nut, bolt and shakeproof washer provided. Secure each brace diagonally back to the joist using 1 off 38 x 8mm Hex head screw (See Fig 1). Place a second 38 x 8mm Hex head screw to finally secure the ceiling support (See Fig 6b).

13. Fit Lock
Check that there is a black spacer bush fitted into face of door (See Fig 11).
a) If supplied, fit fascia plate to front of door.
b) Remove the screw and washer from the outer handle (See Fig 11) and pass the handle spindle through the lock as shown.
c) Fit the inner handle and secure using the screw and washer just removed. DO NOT OVERTIGHTEN.

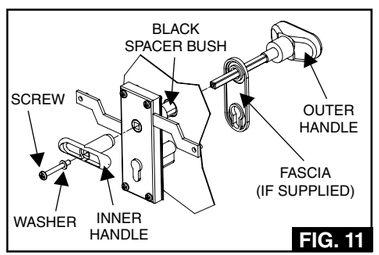

FIG. 11

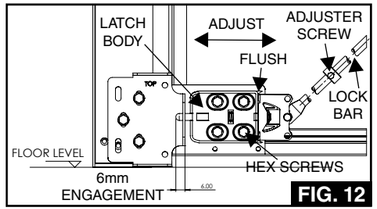

FIG. 12

14. Adjust Latches
CAUTION: Do not close door from outside until all latches have been checked for correct settings and operation. Failure to follow these instructions may result in a lock out situation and a chargeable service call may result.

14a. Adjust Latches (Engagement)
From inside garage with door fully closed, check that latch pin has approximately 6mm engagement in latch keep (See Fig 12).
If insufficient or excessive engagement:-
- loosen adjuster screw on lock bars.
- prise off latch body cover and loosen off 4 Hex HD screws securing latch body to door (See Fig 12).
- move latch body horizontally on slots until correct 6mm engagement is achieved.
- re-tighten 4 Hex HD screws.
- Ensure bell crank is flush with latch body (See Fig 12) and re-tighten lock bar adjuster screw.
- repeat for other latch pin if necessary.

14b. Adjust Latches (Closure)
From inside garage with door closed, check that latch pin is pulling latch closure plate tightly against latch keep (See Fig 13).
- if necessary loosen 3 screws securing latch keep to frame and adjust latch keep vertically to give correct closure.
- when correct re-tighten screws.
- repeat for other latch if necessary.

13c. Important Check for correct operation of latches, using both the internal and external handles. When satisfied, tighten all screws.

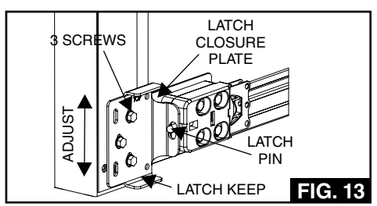

FIG. 13

15. Upon Completion
Fix lower side seals into position using five 1" clout nails per side.

Check door operation to ensure door opens and closes satisfactorily.

Check that lock and latches operate correctly.

Ensure all fixings are securely tightened

Fit 19mm x 19mm timber weatherbead to the underside of the top timber lintel (Fig 14).

Do not paint the spring or any moving parts.

Lubricate all moving parts/pivot points (refer to maintenance label for details) lubrication is an essential ongoing requirement to ensure the continuing smooth operation of your door.

Ask your professional Garage Door Specialist about remote controlled electric operators.

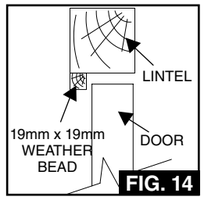

FIG. 14

16. Trouble Shooting

DOOR IS HEAVY TO OPEN
Cause: Spring tension too low.
Solution: Re-set spring tension as detailed on the door maintenance label.

DOOR OPENS TOO QUICKLY
Cause: Spring tension set too high.
Solution: Re-set spring tension as detailed on the door maintenance label.

DOOR DOES NOT DELATCH
Cause: Incorrect latch setting.
Solution: If you are not locked out of the garage at the time, re-set to correct 6mm latch engagement with the latch plates. If you are locked out of the garage, call your installer/supplier for assistance

17. Power Operation
This door is suitable for power operation. In order to conform with current legislation, only independently tested and certified operators may be fitted. A list of approved operators is contained on the Declaration of Incorporation supplied with your door.

Tracked - Unframed Single Door

DISMANTLING INSTRUCTIONS

THESE INSTRUCTIONS MUST BE FOLLOWED CAREFULLY, GARAGE DOORS ARE HEAVY AND AWKWARD TO HANDLE.
ENSURE ASSISTANCE IS AVAILABLE AND THAT SAFETY GLOVES ARE WORN

1. The door must be dismantled with care. Always ensure that the structure is well supported during dismantlling and that parts are not allowed to fall or pivot in an uncontrolled manner.
2. Start from inside the garage and ensure that all necessary lighting, tool and personnel are available. The door should be opened and propped securely in the opening. The door springs can be carefully removed by disengaging from the spring hooks (see note 11 for reference). The springs and hooks can now be detached from the door. The door leaf should now be carefully moved to the closed position with packers placed under bottom of door. The door should be secured with supports in the fully closed position.
3. The gear arms can now be detached from the frame - taking care to lower the arms to the floor after removal of the fixing screws (see note 7 for reference).
4. Release the 'C' tracks from the ceiling supports and lower towards the front of the door. Remove the ceiling track supports (see note 5 for reference).
5. Detach the 'C' track front brackets from the frame taking care to support the 'C' tracks which will then detach from the opening (see note 2 for reference).
6. Remove the spring anchor bracket and latch plates by removing the local fasteners (see note 9 for reference). Remove the pivot blocks (see note 7) and the rubber side seals.

The door can now be carefully handling; the prop supports removed and 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.

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Tracked - Unframed Single Door

INSTALLATION INSTRUCTIONS

This garage door has been designed to be as easy as possible to use, service and automate when installed correctly. Please therefore take time to read these instructions fully before beginning any work. Note: This door is recommended for fitment to a 70mm x 70mm timber goalpost frame (not supplied). A separate set of instructions should be used if the door has been supplied pre-fitted to a quick-fit steel frame.

IMPORTANT INFORMATION

CAUTION

1. **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.**
2. **This garage door is intended for domestic use only.**
3. **Garage doors are heavy and may have sharp edges. Wear protective gloves. Installation should not be undertaken alone. Care must be taken when handling and eye protection must be worn.**
4. **Do not attempt to install or adjust this door if you are unsure of any of the instructions below. If in doubt contact a professional installer.**

WARNING

When fitting the multi-point latching do not shut the door whilst you are outside the garage until all latches have been correctly set and tested (See instruction 14).

Failure to comply could result in being locked out of the garage and a chargeable service call will be required.

BEFORE COMMENCING WORK

1 Remove all wrapping
Before starting: remove all wrapping and inspect the door, check that the door has been supplied with the correct fixing and handle packs. The packs required are noted on the door identification label on the reverse of door.

2 Check opening size
Before fitting the door, check opening size and squareness of the timber frame. The door is made smaller to give correct clearance within the frame.

3 Check headroom
There must be a minimum of 42mm headroom above lower face of top timber or lintel. This must reach back into the garage for at least 1875mm.

4 Check the "goalpost" frame
The "goalpost" timber frame should be a minimum of 70mm x 70mm square (2¾" x 2¾"), in good condition and securely fixed to the surrounding structure.

5 Tools
All the initial work is carried out from inside the garage so tools and parts should be to hand before door is placed in the opening.

INSIDE VIEW OF DOOR & GUIDE TO INSTRUCTIONS

YOU WILL NEED

8mm A/F socket/spanner	Eye protection	Flat blade screwdriver	Wedges (packing pieces)
10mm A/F socket/spanner	Sharp knife	Side cutters	19mm x 19mm timber weatherbead to fit under the head of the door frame
Posi screwdriver (Z3 & Z2)	Tape measure	'3 in 1' type oil	
4.0mm Drill bit and drill	Hammer	Engineer's pliers	
Protective gloves and glasses	Grease	Spirit level	

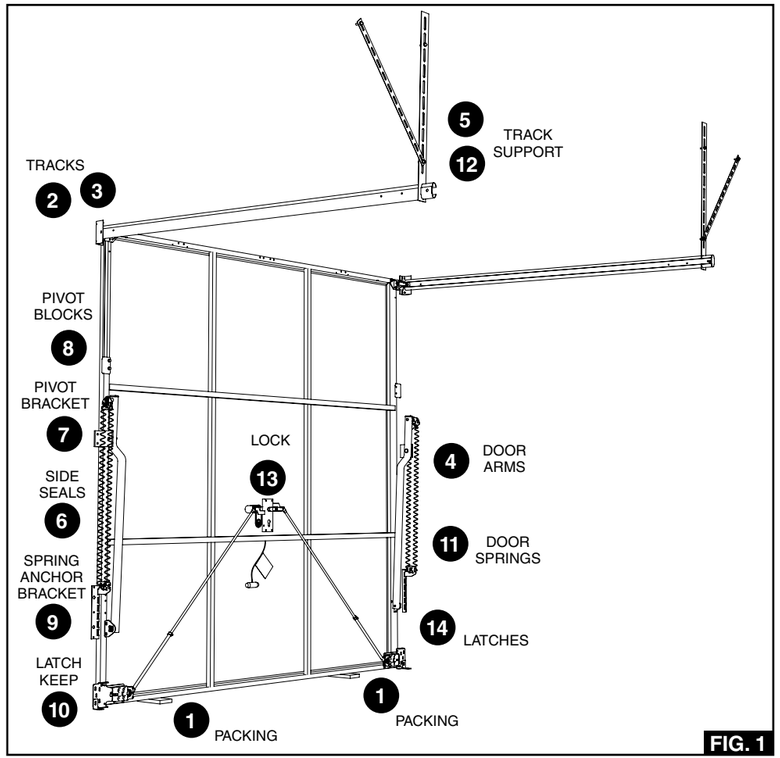

FIG. 1

Prior to Fitting the Door

a. Remove all packaging from the door, including carry straps.
b. Ensure door has been supplied with a lock pack, main fixing pack and bottom side seals, spring set and door bracketry.
c. Remove all loose items attached to the door.
d. Check contents of packs against parts lists to ensure all parts present and correct.
e. Ensure all tools and parts are to hand inside the garage, and there is adequate lighting.
f. You may now proceed with door installation.

1. Place the Door in Position
Remove the protection strip from the bottom of the door (where fitted). Handle the door carefully to avoid damage.
Position the door within the frame, ensuring that the top weatherstrips are flush against the frame legs.
Temporarily prop the door in position. Place 2 packers on top of the door (10mm min. and 13mm max). Lift and wedge the door on both sides until the packers are in contact with the frame head.
IMPORTANT: Use spirit level to check that door panel is level.
Ensure that the following clearances are established between the door and frame.
Top = 10mm min. - 13mm max.
Each side = 8mm - 11mm
Bottom = 10mm - 15mm

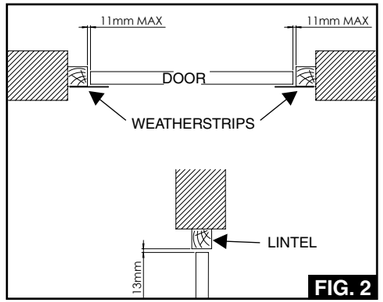

FIG. 2

2. Attach the 'C' Tracks
'C' tracks are supplied pre-assembled to the door using two transit brackets on each side.
Using 38 x 8mm Hex HD self tap screw, fit front track brackets to the side frames, first through the top vertical slotted hole as shown and then through the lower vertical slotted hole.
Ensure the roller spindle clearance between the roller bracket and spindle washer is 3mm as shown (See Fig 3).

3. Remove the 'C' Track Transit Brackets
Remove the top transit brackets on both sides, first remove the bolt securing the brackets to the 'C' track (shown) then remove the self-tapping screw securing the bracket to the door panel. Repeat the process for the lower transit brackets on each side. (See Fig 4).

4. Lower the Door Arms
Remove the transit cable ties (two each side) which hold the door arms and springs to the 'C' tracks and door panel. Carefully lower the door arms to the floor. (See Fig 5).

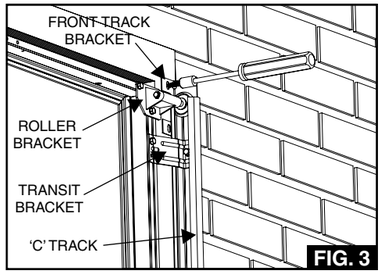

FIG. 3

5. Align the 'C' Tracks
Using the slots provided close to the rear of the track clip in the ceiling support. Raise the track as shown in Fig 1. and slide the ceiling support to a convenient roof joist within 200mm from the rear of the track. Tracks should slope downwards approximately 1˝ (25mm) from front to back (See Fig 6a and 6b). Secure ceiling support to joist using 1 off 38 x 8mm Hex head screw. At this stage the tracks should be able to swing sideways.

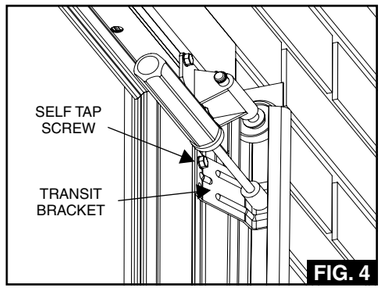

FIG. 4

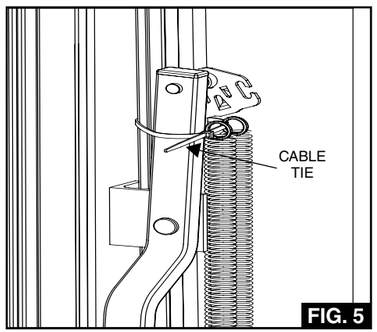

FIG. 5

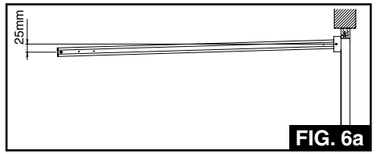

FIG. 6a

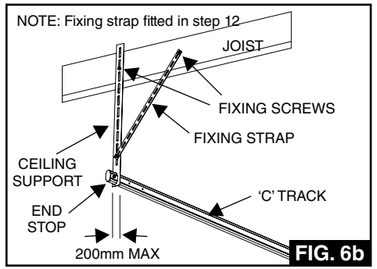

FIG. 6b

6. Position Door Side Seals
Swing the door arms up, align two holes in each lower side seal with those in main pivot brackets (See Fig 7). Ensure lip on lower side seal locates against side of jamb for full length of side seal. NOTE: for special sized doors the bottom of side seal must be cut short to suit installation.

7. Fit Main Pivot Brackets
Drill pilot holes and secure each main pivot bracket using two M8 x 50mm coach screws and two M8 washers per side. (See Fig 7).

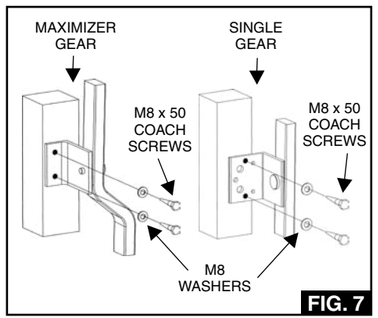

FIG. 7

8. Fit Pivot Blocks
Smooth lower side seals into position. Align pivot blocks with holes in lower side seals as shown. (See Fig 8). Drill pilot holes and secure using two 38mm x 6.3 Hex HD self tapping screws per block.

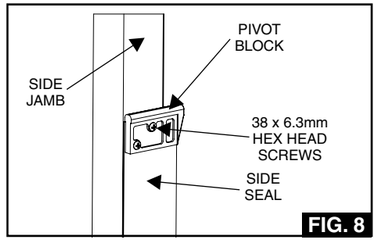

FIG. 8

9. Fit Spring Anchor Brackets
Smooth lower side seals into position, align holes in lower spring anchor brackets with holes in lower side seals (See Fig 9). Secure each bracket using three 6mm x 50mm gold self tapping screws. There is no need to pilot drill for these screws.

10. Fit Latch keeps
Latch keeps are handed and are stamped with the word TOP to differentiate. Align holes in latch keeps with holes in lower side seal. Drill pilot holes and secure each keep using 3 off 38mm x 6.3 Hex head screws (See Fig 9). For doors of special height align latch keep plate slot with centre of latch pin to allow for subsequent adjustment. Secure in place.

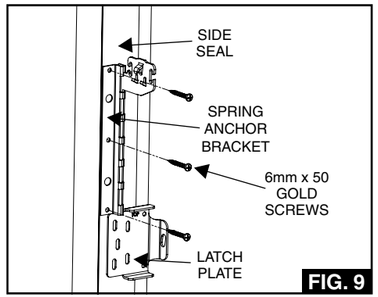

FIG. 9

11. Fit Door Springs
Establish gear setting positions for door from label attached to back of door. **NOTE:** setting 1 is top anchor position.
Fully open door and prop securely in position. Wearing eye protection fit lower spring anchors as shown and fit springs to spring anchors in orientation shown (See Fig 10).
NOTE: Spring loops to be located on anchor bracket hooks facing outwards so that spring body is located in board of spring anchor brackets. When using centre hook, spring will require twisting 180 degrees.