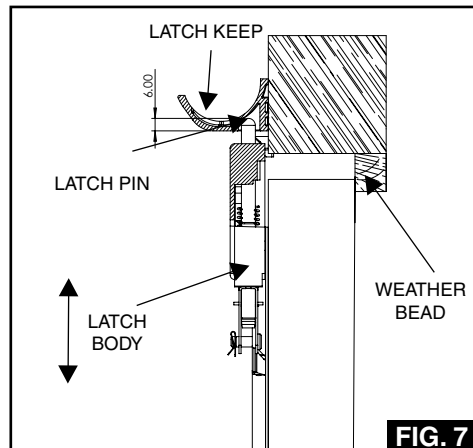


If insufficient or excessive engagement:-

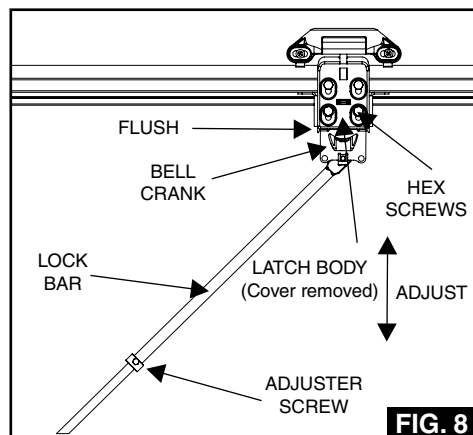
- loosen adjuster screw on lock bars.
- prise off latch body cover and loosen off 4 Hex HD screws securing latch body to door (See Fig 8).
- move latch body vertically on slots until correct 6mm engagement is achieved.
- re-tighten 4 Hex HD screws.
- Ensure bell crank is flush with latch body (See Fig 8) and re-tighten lock bar adjuster screw.
- repeat for other latch pin if necessary.



12. Adjust Latches (Closure)

From inside garage with door closed, check that latch pin is pulling latch closure plates tightly against lintel (See Fig 9).

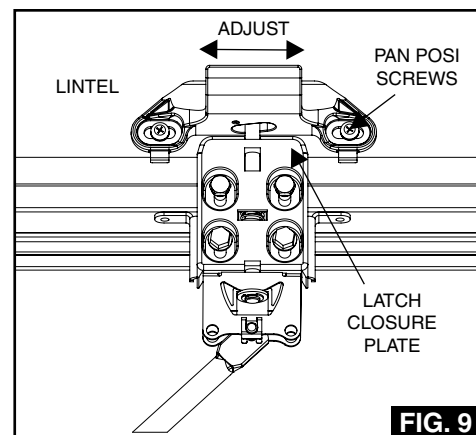
- if necessary loosen 2 screws securing latch keep to lintel and adjust latch keep sideways to give correct closure.
- when correct re-tighten screws.
- repeat for other latch if necessary.



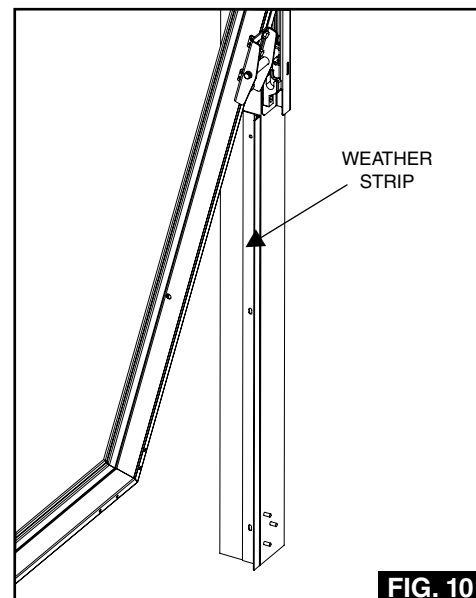
13. Important Check for correct operation of latches, using both the internal and external handles. When satisfied, tighten all screws.

Finalise Installation

14. Fix black weather strips to side jambs using nails provided (See Fig 10). Position the weather strips so that they overlap the rear edge of the door. Fit below the security block and down to floor level. Any excess length can be cut off from the bottom.



15. Fix 19mm x 19mm wooden weather beading (not supplied) securely to the underside of frame lintel on the outside of the door (See Fig 7).



Upon Completion

- Lubricate the spring, wheel spindles and all pivot points with a '3 in 1' type lubricant.
- Ensure tracks are clean and door operates smoothly through full open/close cycle.
- Check door operation to ensure it is correctly balanced. It is the responsibility of the installer to ensure that spring tension is correctly set.

If the tension requires adjustment, refer to maintenance label on the rear of the door.

- Check that locks and latches operate correctly.
- Ensure that all fixings are securely tightened.
- Do not paint the spring or any moving parts.

Canopy - Unframed Door Gear

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

- Open the door and and remove the intermediate screws from the side tracks, leaving the top and bottoms fixings in place.
- Place 12mm packing in two places across the opening, close the door so it is upright and wedged on the packing.
- Wearing Safety Glasses, grip the Right Hand Pulley with a 22mm A/F Spanner and, by turning upwards, align holes in spring anchor bush and spring shaft. Insert retaining pin (4mm dia x 50mm split pin or similar) fully into this hole as shown, then remove the Spanner (See Fig 4).
- Remove the lower weather strips (See Fig 10).
- Using cable ties or strong cord or similar, tie the spring assembly securely to the door's latch brackets.
- Remove the 4 screws that secure the two spring mounting brackets (See Fig 2). **Important: DO NOT let the spring shaft assembly drop down uncontrolled.**
- Prop the door securely in position.
- Remove the top and bottom fixings from the tracks including the security block. Tracks are now loose and can be tied to the door panel with cable ties or similar.
- Remove the top catch plates/spring support brackets from the lintel (See Fig 5).
- Wearing Safety Gloves, by removing the props, the door can now be carefully removed from the opening. Seek assistance in lifting.

Canopy - Unframed Door Gear

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.



SAFETY FIRST Please read instructions right through before commencing installation.

CAUTION The spring is under tension - follow instructions carefully to avoid any chance of personal injury.

IMPORTANT INFORMATION

- 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.
- This garage door is intended for domestic use only.
- Garage doors are heavy and may have sharp edges. Wear protective gloves. Installation should not be undertaken alone. Care must be taken when handling.
- Ensure the door is continuously supported before it is secured and avoid installing in windy conditions.
- Wear Eye protection.

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 11).

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

IMPORTANT NOTES

BEFORE COMMENCING WORK:

- Remove all wrapping including plastic sleeve from spring. Ensure that your door has been supplied with the correct main fixing pack (fixing pack codes are on the identification label on reverse of door). Remove lock pack, fixing pack and the black plastic weather strips from their transit positions on the rear of the door.

b. 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.

Also check that the existing timber goalpost frame is securely fitted to the surrounding brickwork and is structurally sound.

c. There must be a minimum of 65mm (2 1/2") headroom above lower face of top timber, or lintel. This must reach back into the garage for at least 1300mm (4'3").

d. A 70mm x 70mm (2 3/4") timber 'goalpost' frame is recommended but the gear only requires a fitting clearance of 45mm per side.

e. 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.

f. Slots are provided in all key components to allow for final adjustment, when door has been installed.

INSIDE VIEW OF DOOR & GUIDE TO INSTRUCTIONS

YOU WILL NEED

22mm A/F spanner	Sharp knife	Wedges (packing pieces)
8mm A/F socket/spanner	Tape measure	19mm x 19mm timber weatherbead to fit under the head of the door frame
10mm A/F socket/spanner	Hammer	
Posi screwdriver (Z3 & Z2)	Grease	
4.0mm Drill bit and drill	'3 in 1' type oil	
Protective gloves	Engineer's pliers	
Eye protection	Spirit level	

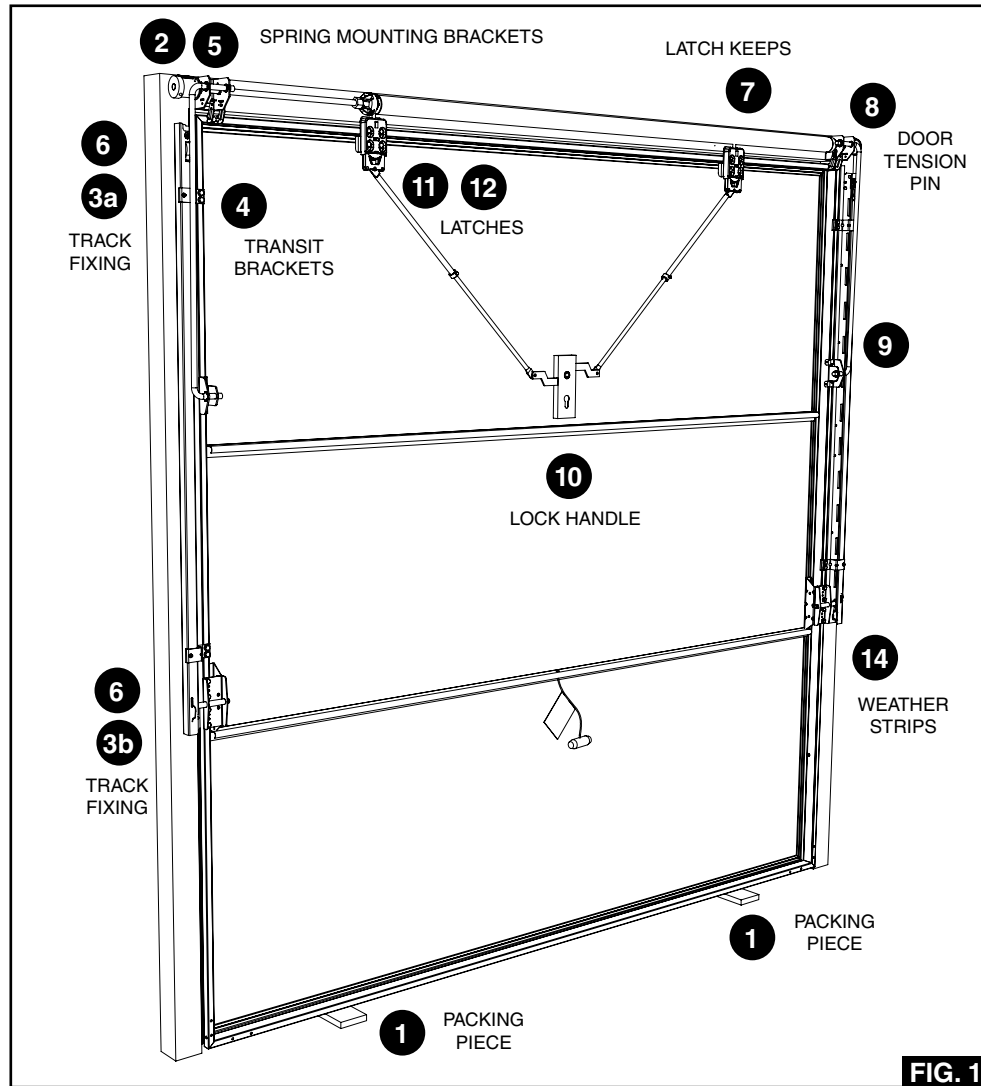


FIG. 1

Prior to Fitting the Door

1. Remove all packaging from the door and spring, including carry straps.
2. Ensure door has been supplied with a lock pack, main fixing pack and bottom side seals.
3. Check contents of packs against parts lists to ensure all parts present and correct.
4. Ensure all tools and parts are to hand inside the garage, and there is adequate lighting.
5. You may now proceed with door installation.

Door Installation

1. Position the door centrally between frame side jambs on packing pieces (See Fig 1). Adjust packers to ensure that the bottom edge of Spring Mounting Brackets are set level and align with the underside of the frame lintel.

IMPORTANT: Use spirit level to check that door panel is level.

NOTE: Use the special **gold** coloured screws provided (M6 x 50 pan HD posi) for fixing the Spring Mounting Brackets to Frame. These do not require a pilot hole but can be driven straight into the timber.

- 2a. Insert the **gold** coloured screws with M6 washers into the slotted holes at the top of both Spring Mounting Brackets. Drive in screws but do not fully tighten at this stage (See Fig 2).

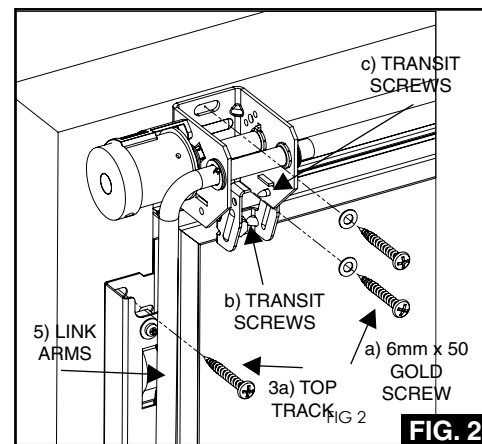


FIG. 2

- 2b. Remove the self-tapping screws fixing the Transit Brackets to top of door. This frees the door panel and allows Tracks to be located against timber side jambs.

- 2c. Remove remaining screw from side of Transit Brackets (See Fig 2) and discard the Transit Brackets.

3. With Tracks fully located against side jambs check door is central in aperture and fix Tracks to timber jambs using screws provided:-

- 3a. On the **upper** fixing slot in each Track pilot drill 4.0 dia. x 25 deep and insert a No.12 x 1 1/2" Round Head Posi Screw (See Fig 2).

- 3b. At **bottom** of each Track fix Diecast Security Block around Spindle (See Fig 3). Slide block up behind the wheel spindle ensuring the block does not foul the nylon wheel, use a **gold** coloured screw and M6 washer into **slotted** hole in block.

4. Remove the Track Transit Brackets from both sides (See Fig 3) and allow door to fully enter aperture.

- 5a. Check that both Link Arms (See Fig 2) are equally set relative to edge of door panel and re-check that door is positioned centrally between side jambs (any minor adjustment will be available on the Spring Mounting Bracket top slotted holes).

- 5b. Insert **gold** coloured screw and M6 washer into **lower** holes on both Spring Mounting Brackets and drive fully home.

- 5c. Fully tighten all four screws in the two brackets.

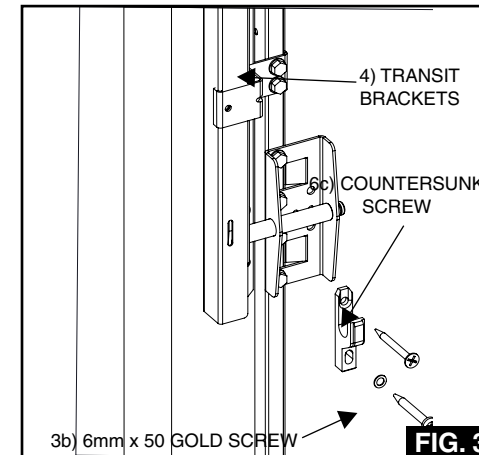


FIG. 3

6. Final position Tracks and Security Blocks on both sides:-

- 6a. Use **horizontal** adjustment in **Track** slots to ensure Wheel Spindles are correctly positioned within the tracks.

- 6b. Use **vertical** adjustment in **Security Block** slots to ensure close contact between Block and Wheel Spindle.

- 6c. Once final adjustments have been made, insert and fully tighten a No.10 x 1 1/2" countersunk posi screw into hole of Security Block (See Fig 3).

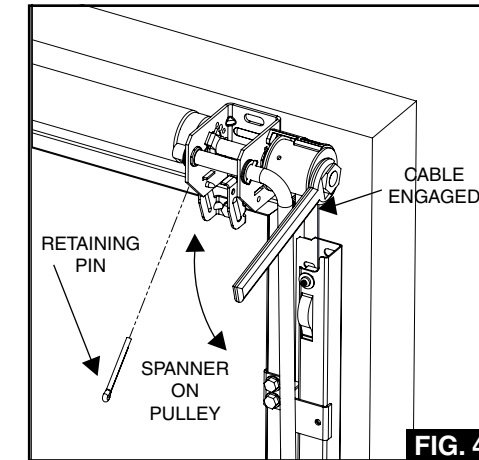


FIG. 4

7. Fit Latch keeps / Spring Support Brackets
 - 7a. Align each Latch Keep / Spring Support Moulding with the latch pin centrally within the moulded slot.

- 7b. Ensure the moulded lugs are aligned with the underside of the lintel (See Fig 5).

- 7c. Fix the moulding to the lintel using 2 off No.12 x 1 1/2" pan posi screws and washers per moulding. Fit screws central to slots to allow for later adjustment.

8. Put Tension on Door

IMPORTANT: Ensure cables are within Tracks and correctly engaged in grooves on Pulleys and into Wheel Spindle Clips on **BOTH** sides of door.

Remove the retaining pin from the Spring Anchor Bush (at RH end) using a 22mm A/F spanner on the pulley, push upwards slightly and pull out the retaining pin using pliers (See Fig 4), you now have tension on the door.

- 9a. Open / close door through full travel to test track position and door operation. If necessary make final adjustments to Tracks for correct operation.

- 9b. With door fully open insert 5 screws per side (No.8 x 1") down each track.

- 9c. Fully tighten all Track fixing screws.

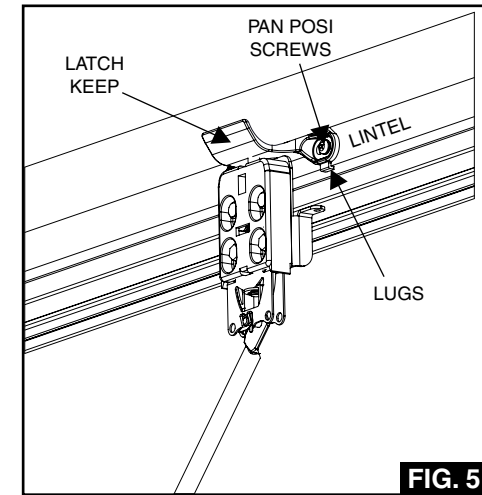


FIG. 5

10. Fit Lock

Check that there is a black spacer bush fitted into face of door.

- a) If supplied, fit fascia plate to front of door.
- b) Remove the screw and washer from the outer handle (See Fig 6) 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.**

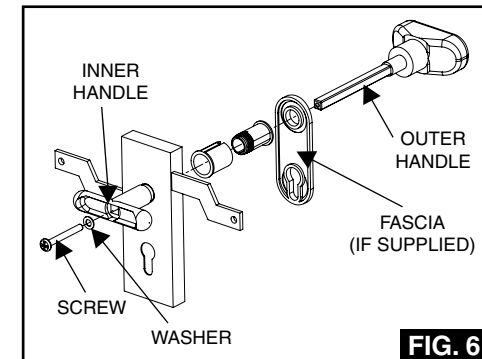


FIG. 6

CAUTION: Do not close door from outside until lock handle is fitted and 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.

11. Adjust Latches (Engagement)

From inside garage with door fully closed, check that latch pin has approximately 6mm engagement in latch keep (See Fig 7).