



FOLDING CLOSURES } ROLLER GRILLES } ROLLER SHUTTERS

# Fixing Instructions & Warranty Guide

Client: \_\_\_\_\_

Project: \_\_\_\_\_

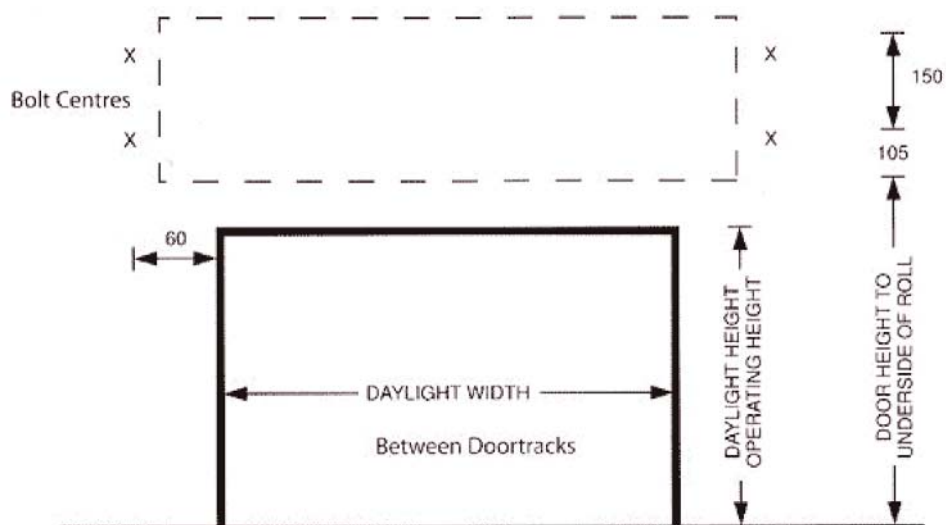
Site Foreman: \_\_\_\_\_ Phone: \_\_\_\_\_

Product: \_\_\_\_\_

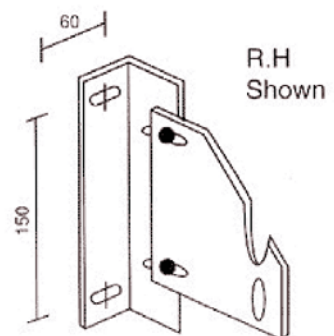
	DAYLIGHT WIDTH (between door tracks)	DAYLIGHT HEIGHT (operating height)	DOOR HEIGHT (height to underside of roll)

## 1. READ INSTRUCTIONS FIRST

2. The following steps are a guide only, but are the recommended option.
3. Unpack the door. Be careful not to remove the main strap from around the centre of the roll (blue band).
4. Check the opening is square and the dimensions are correct. Ensure sufficient head room and side room.
5. Mark door bracket positions as set out below. Bracket measurements are taken from door height (under side of roll) which may not be opening height as in the case with mullions and suspended ceilings. The daylight width is taken as the distance between the door tracks which may be set back from the opening, as in the case with chamfered columns. In all, work to the sizes given on this page, not to what you find on site.



6. Assemble door brackets making sure that you have one left and one right hand per door. Adjust plate on angle to suit roll size of door. This will need re-adjusting once the door is attached and tensioned. Fit bracket plate on door side of bracket angle and nut on the outside (see detail).
7. Screw bracket assembly to bulkhead ensuring that it is into solid fixing. The distance between bracket plates is approximately  $\text{DAYLIGHT WIDTH} + 160$  on spring balanced doors. Check brackets are level.



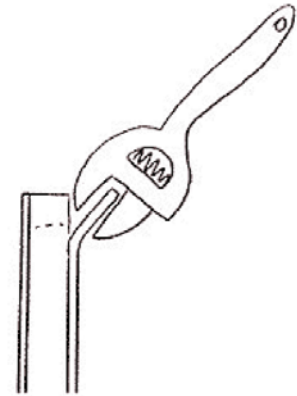
8. Lift door onto brackets and bolt tension plate on shaft to the bracket (m10 x 25 setscrew). Rotate door downwards approximately 3 full turns. Cut strap around roll and bring screen door down about 1/3.

Be careful not to allow it to spring back up until door stops are fitted.

The door when balanced correctly should not fall or spring back up under its own weight.

Readjust the door bracket plates in or out so that the roll is no further away from the bulkhead than 10mm when the door is fully up.

9. Flair top of tracks, plumb and screw tracks to wall. The door is made specifically to the width given and will not operate correctly if the tracks are not fitted exactly to this measurement apart. Too narrow and the door will bind, too far apart and the door will not lock. Doors over 3000 high should have guides packed off wall towards the centre of roll to make operation easier. **Refer to data sheet 1B.** This will also minimise bow of screen across opening at ceiling height.



10. Rivet door stops to bottom bar approx. 50mm in from each end and flush with bottom of door.

Roll door down guiding screen into tracks. Screen may have shifted on drum in transit.

When the door is fully down, adjust screen central to tracks by pushing top of screen across.

Check doors lock freely, if not adjust lock hole height in guides to suit.

NOTE. If door installed before flooring is laid, allow for this by lifting door tracks before attaching to wall.

Check lock hole in track is not obstructed.

ALWAYS CONTROL OPERATION OF DOOR. USE POLE PROVIDED.

11. **Mullions:** Treat each door as a separate opening. When fitting tracks fit mullion first. The join on the mullion must be below the bottom bar on door in order for it to be removable. Refer to attached instruction sheet.

12. **Motorised Doors:** Refer to attached instruction sheet.

## CARE AND MAINTENANCE OF YOUR SCOTTY DOOR

Providing these instructions are followed correctly, your SCOTTY DOOR will be trouble free.

Use no solvents to clean your door. We recommend washing your door with warm soapy water to remove dust.

Do not apply any grease or petroleum based lubricant to door guides, the nylon end locks are designed to make the door run smoothly. Grease will only collect dust and grit, etc.

ALWAYS CONTROL OPERATION OF THE DOOR THROUGHOUT ITS TRAVEL.

DO NOT THROW DOOR UP. USE POLE SUPPLIED.

Failure to follow operational instructions voids warranty.

For any further technical advice contact our Auckland office.



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## REGISTRATION PAGE FOR WARRANTY & PRODUCER STATEMENT

This form (check list) must be filled in and completed by the door installer and client upon completion of job and faxed back to **Scotty Doors (09) 426 3988** before a producer warranty or statement can be issued :

- Door level
- Door Tension – Test
- Locking – Test
- Removable Mullions – Test
- Operation Smooth
- Door attached to solid fixing

The following has been given to the client & door operation has been demonstrated

- Door Hook
- Keys
- Keyswitch (Motorised Doors only)
- Door Controller (Motorised Doors only)

Other \_\_\_\_\_

Installed by: \_\_\_\_\_ Date: \_\_\_\_\_

Name of Installer: \_\_\_\_\_

Client: \_\_\_\_\_

Job Number: (on bottom of label) \_\_\_\_\_

Job Site: \_\_\_\_\_

**Installer:** As part of the Warranty Agreement & Producer statement on the above project please sign as a subcontractor declaring that you have installed the above site in accordance with the installation instructions provided.

**Signatur: Installer:** \_\_\_\_\_

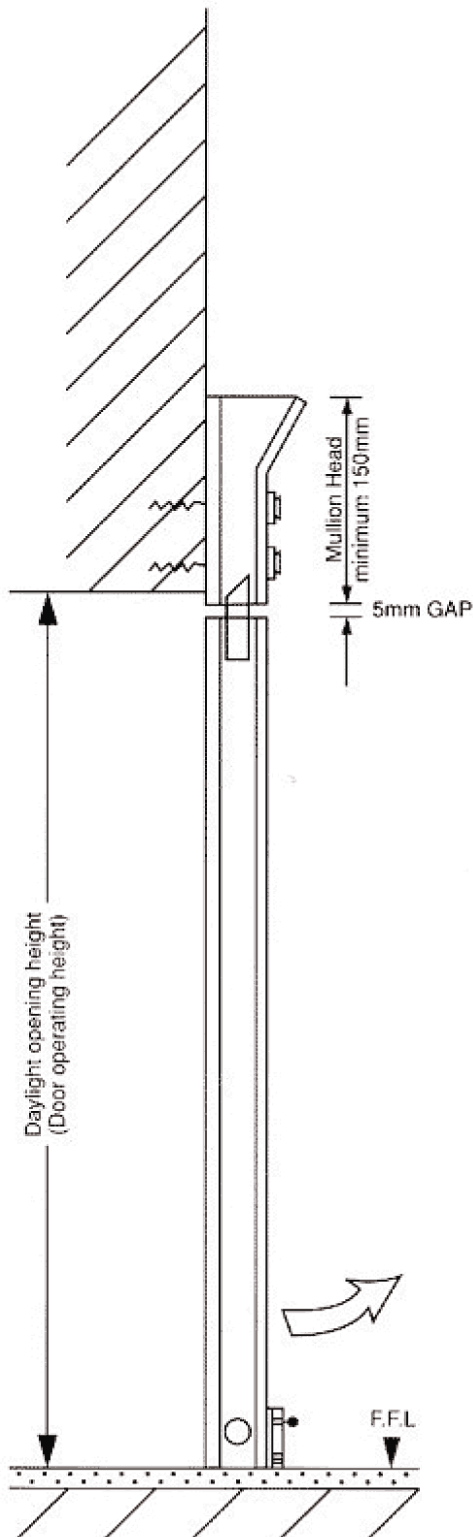
**Client:** Thank you for purchasing your new Scotty Door.  
Please follow the standard cleaning & operating instructions for trouble free operation.

**Please Note: No producer statement or warranty activation can be issued until this form has been faxed back to Scotty Doors.**

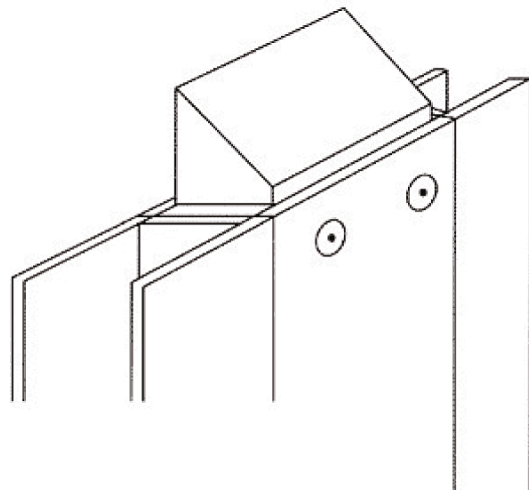
**Signature: Client/Builder** \_\_\_\_\_

**Fax to: (09) 426 3988**

## REMOVABLE MULLIONS



1. Establish operating height (to where door stops).
2. Measure the distance to finished floor level at mullion position. NB Floors vary in level.
3. Cut mullion 15mm lower than this measurement. This ensures door bottom rail clears bottom section of mullion and allows it to become removable. File all cut edges & bevel inside edges at channels.



4. Fit mitred plastic block into top of bottom section of mullion and rivet in place – as shown above. Mitre should start 8 - 10mm out mullion.
5. Fit mullion top-section to bulkhead allowing 5mm clearance between top and bottom sections.
6. Check for plumb and mark socket bolt location on floor. Drill suitable hole.

NOTE: It pays to measure the daylight widths each side of the mullion against sizes given. If door jambs are out of plumb, mullion may have to be adjusted off centre to compensate.

## SD1 MOTORISED DOORS

Follow the basic steps attached with the following variations to steps 5 & 7.

The door is made to suit motorising on either **left hand side** or **right hand side**.

This is taken from the roll side looking out.

The specified motor side requires more side room than the opposite side.

The bracket angle fixing centres are:

Door Height + 50mm to first hole and

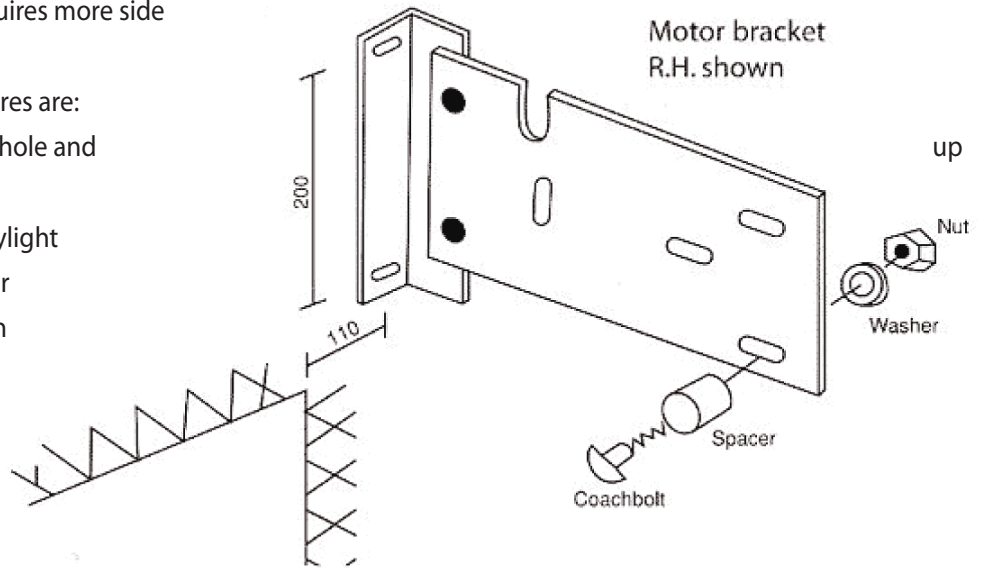
200 to the second hole.

The centre of the angle is Daylight

width + 110mm on the motor

side and Daylight + 60mm on

the non-motor side.



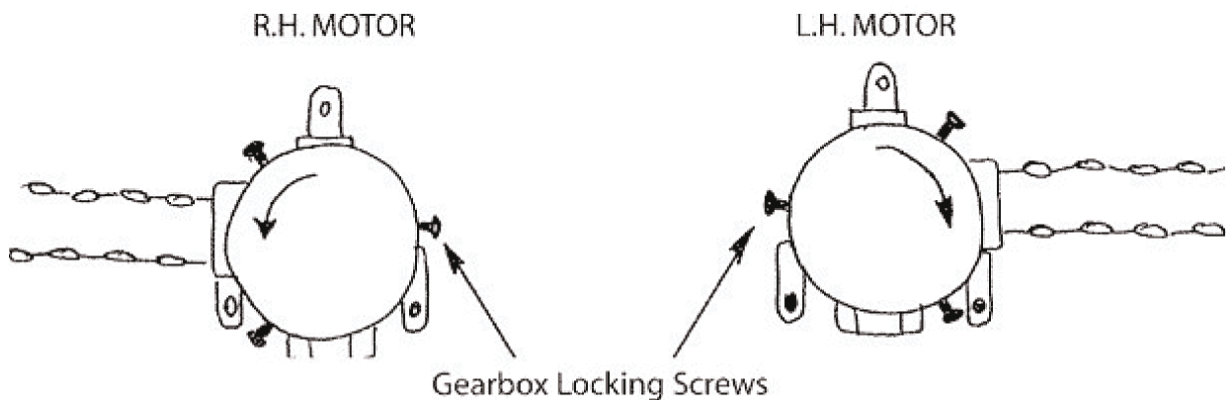
The distance between the plates should be approximately Daylight width + 210mm apart.

Lift door into place and bolt tension plate on shaft to bracket plate. (m10 x 25 set screw and nut).

Attach drive chain to sprocket on door and attach joining link.

Unpack motor from box and stand on end. Loosen gear box locking screws (three of), rotate motor on gear box 90 degrees (see sketch). Pushing down on grey cap, re-tighten Gearbox locking screws, evenly.

Hand chain will now be on the underside of the motor when installed.

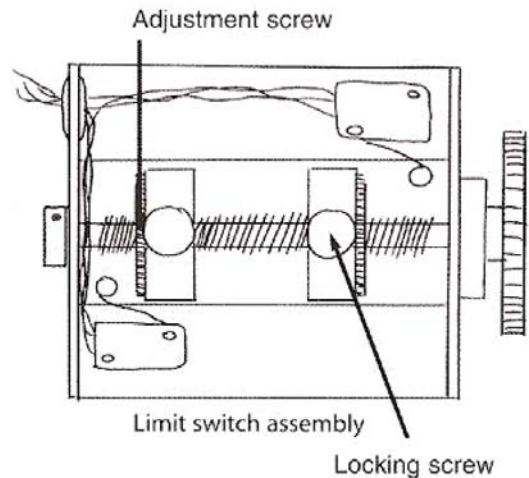


Lift motor into position while attaching drive chain to sprocket on gear box at end of motor. Bolt motor to plate with spaces between (3 x m12 x 75 coachbolts). Adjust tension on drive chain by sliding motor away from door. Tighten nuts.

Remove cover on limit switches and loosen locking nuts (2) on traveller. You can now plug motor into an extension lead.

Operate motor "Down" until door has rotated three full turns. Cut the blue band from around the roll allowing the bottom rail to hang below the roll.

Attach door tracks as per step 9 onwards.



NOTE: Ensure screen enters the door tracks evenly on the first attempt to lower the door. It may have shifted on the drum in transit and need realigning as it is lowered. Test "up" and "down" checking alignment.

**LIMITS ARE TO BE SET BY CONTRACT ELECTRICIAN, NOT THE DOOR INSTALLER.**

**DOOR IS NOT TO BE OPERATED BY CLIENT UNTIL LIMITS ARE SET.**

**ALWAYS MAINTAIN EYE CONTACT WITH THE DOOR WHILE DOOR IS IN OPERATION.**

Key switch connection as per following diagram must only be attempted by contract electrician.

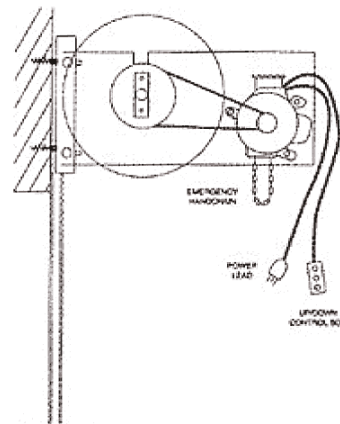
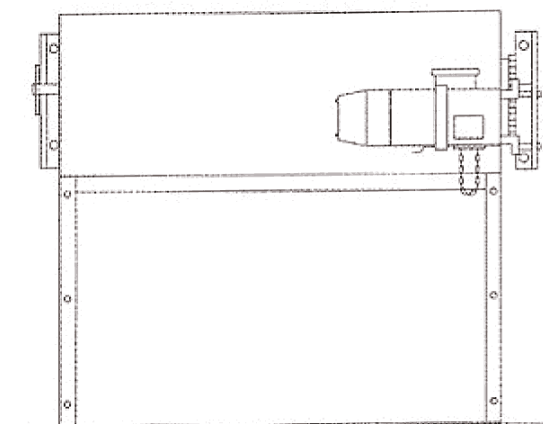
Loop 2 & 4

Connect "Up" to 1

Connect "Down" to 3.

Take feed directly from motor, or connect from push button.

DO NOT EARTH GREEN WIRE IN SD1 PUSH BUTTON SWITCH. THIS IS A FEED WIRE FOR AUTOMATIC CONTROL AND NOT TO BE CONNECTED WITHOUT PRIOR CONSULTATION.



## HCI MOTORISED DOORS

Follow the basic steps attached with the following variations to steps 5 & 7.

The door is made to suit motorizing on either **left hand side** or **right hand side**.

This is taken from the roll side looking out. The specified motor side requires more side room than the opposite side and additional side room for accessing limit switches on motor.

The bracket fixing centres are: Door height + 50mm to First hole and up 200 to Second hole.

The centre of the angle is

Daylight width + 90mm on each side.

The distance between the plates should be approximately Daylight width + 220mm apart. Lift door into place and bolt tension plate on shaft to bracket plate. (m10 x 25 set screw and nut). Attach drive chain to sprocket on door and attach joining link.

Lift motor into position and bolt loosely using m12 x 50 coach bolts supplied – remove key from shaft.

Slip 14 tooth sprocket onto drive shaft with shoulder away from bracket – slide

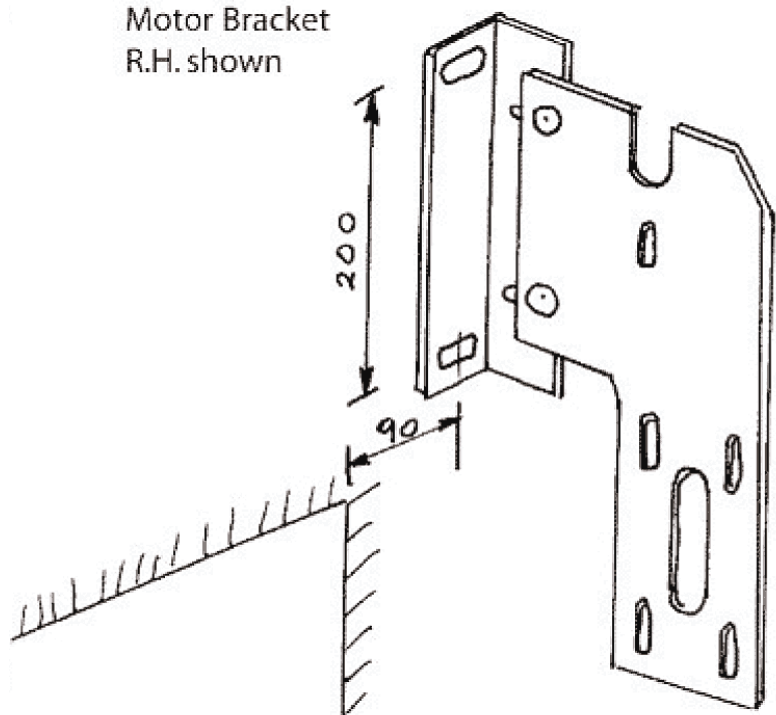
motor upwards and slip drive chain over sprocket – slide motor downward to tighten chain.

Tighten motor bolts. Attach door tracks to wall as per step 9 onwards. Rotate door in downwards rotation approximately 3 full turns, then cut straps around screen allowing door to be pulled down guides to floor – align screen into guides as door descends. It may have shifted on the drum in transit. This will also align sprocket on motor shaft. Lift door screen back up to near top.

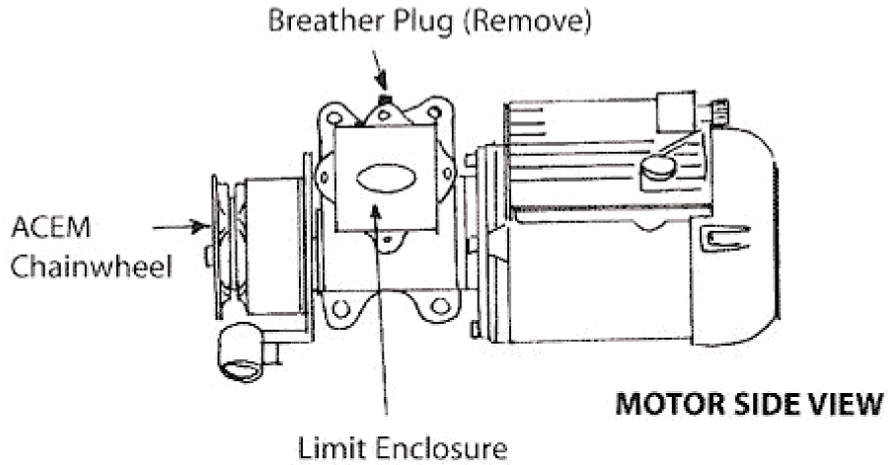
Replace key in 14 tooth sprocket and tighten grub screws, careful not to move position of sprocket on shaft. Remove ventilation screw on top of gear box and discard.

The door is now ready to wire up to starter/controller and operate.

Motor Bracket  
R.H. shown



## HCI MOTORISED DOORS



All electrical work to be carried out by qualified contract electrician.

DO NOT EXPERIMENT.

All the equipment supplied has been factory tested. Follow the wiring diagrams supplied.

LIMITS ARE TO BE SET BY CONTRACT ELECTRICIAN, NOT THE DOOR INSTALLER.

DOOR IS NOT TO BE OPERATED BY CLIENT UNTIL LIMITS ARE SET.

ALWAYS MAINTAIN EYE CONTACT WITH THE DOOR WHILE DOOR IS IN OPERATION.

ACME: This motor unit is fitted with an automatic chain engaging mechanism.  
Switch power off before using manual hand chain to operate door.

**WARNING:** Keep hands well clear of hand chain while operating electrically.

It is recommended that if the door is operated by an Auto Logic Controller that the hand chain is removed.

