

GLIDEROL
GARAGE DOORS

MANUAL INSULATED ROLLER DOOR

Installation Instructions

February 2012

PLEASE READ BEFORE COMMENCING INSTALLATION

General Warnings

This manual has been prepared for use by qualified personnel and therefore not by trainees or "do it yourselves".

In case of doubt about the assembly and/or maintenance, please contact Gliderol.

To avoid severe personal injury, carefully read and observe all indications and warnings in the manual.

- This manual describes the assembly, use and maintenance of your Manual Insulated Roller Door.
- This residential system has been designed in accordance with the latest European standards; however you have to check yourself whether this standard corresponds with your local national standard.
- All measurements are in millimetres unless otherwise specified.
- Keep this manual in a safe place.
- Subject to technical changes, without written notice.

Safety requirements for assembly and first use

- This residential system may only be mounted, connected and put into operation by qualified personnel.
- Adding or leaving out parts can effect the door operation in a negative way and therefore the safety of the installed insulated door. This is therefore strongly discouraged!
- Some parts can contain sharp edges: use protective gloves.
- All references to the door/component handing within this manual is always as viewed from the inside looking out.
- When performing assembly/maintenance, always wear at least gloves and safety boots and during drilling/cutting wear safety goggles!
- Make sure that you can always perform your work in a stable environment.
- Secure the assembly/maintenance site with safety ribbon to keep others (children!) at a distance.
- Maintenance must only be performed by a qualified company and/or qualified personnel.
- Make sure there is enough light.
- Only use appropriate tools, especially when tensioning the octagonal barrel.

Terms and conditions

Our general conditions of delivery and payments are applicable on all our offers, agreements or subsequent revisions.

Step 8 - Fitting the Optional Internal Cover

The optional internal cover can only be installed once the tension is adjusted correctly (See Step 7 Section 5).

- (1) Clip the internal cover into the back box top retaining lip at approximately 10 degrees (See Fig 10).
- (2) Once clipped along the entire length of the back box top lip place the internal cover tight to the head plates.
- (3) Drill and fix in place with self tapping screws or pop rivets.
- (4) Drill a hole in the front box to allow the manual over-ride adaptor to pass through and locate into the over-ride eye on the motor unit. Please note that over-ride adaptor should now be stored securely with the crank handle, and not permanently fixed.

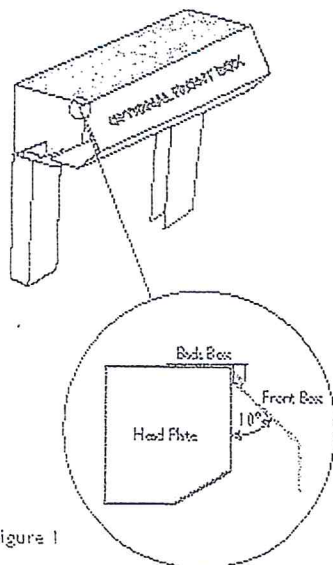


Figure 1

1. Pre-installation Checks

Ensure that the site is clear and that all fixing surfaces are sound and free from loose plaster or masonry. Ensure the opening has no irregularities that could damage or mark the optional back box or curtain. Please ensure both walls are parallel before commencing installation.

2. Preparing the Door and Guide Rails

The door curtain and guide rails will be fully packaged when delivered.

The guide rails should be unpacked and placed either side of the opening. The guide rails are designed with spacing legs inside to ensure a good fit with the head plate. Ensure that the guides are the correct way round, positioning the spacer legs away from the wall (Fig. 1).

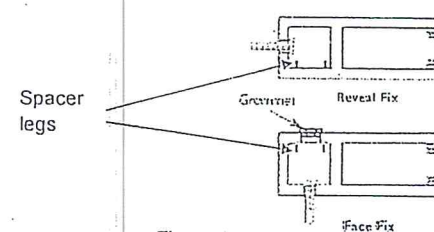


Figure 1

Example illustrates left hand guide (as viewed from the inside of the garage).

N.B. If fitting externally, example is also left hand guide, but as viewed from *outside* of the garage.

Step 1 - Preparing the Guide Rails

Drill fixing holes (7mm) through the side channel box section starting 150mm from the bottom and evenly space thereafter, your last hole should be 150mm from the top of the guide. Enlarge your fixing hole (10mm) on the inside face of the guide section to accept the cover grommets.

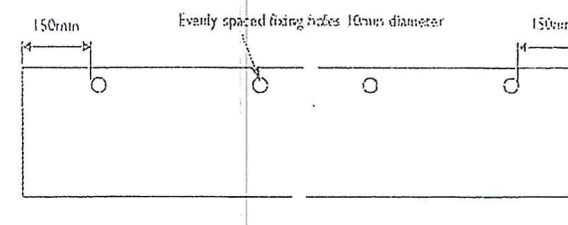
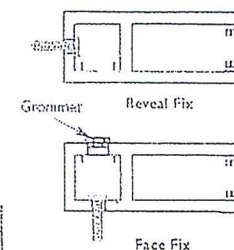


Figure 2

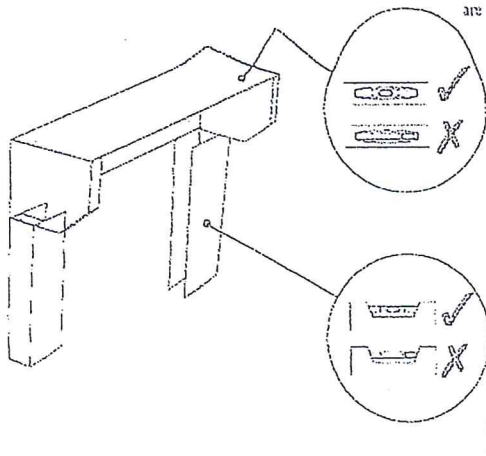


Example illustrates left hand guide (as viewed from the inside of the garage).

N.B. If fitting externally, example is also left hand guide, but as viewed from *outside* of the garage.

Gliderol Garage & Industrial Doors Limited
Davy Drive, North West Industrial Estate, Peterlee, Co. Durham, SR8 2JF
Tel: 0191 518 0455 Fax: 0191 518 0548
Email: info@gliderol.co.uk web: www.gliderol.co.uk

Step 2 - Assembling & Fixing the Door Guides & Plates



Fit the end plate 'peg' into the top of the guide section box and stand the guides upright. Level the guides with the garage opening. Check the vertical guides are level on both sides as well as horizontal across the plates.

Using horizontal (short) edge of level (top edge)

Figure 3

Step 3 - Fixing the Guide Sections and Head Plates

Fix the guides into place using the fixing holes previously drilled ensuring that the guides are vertically plumb and level as described in Step 2. Do not over tighten the fixings to compensate for mounting surface distortions, please pack guides if required.

PLEASE ENSURE FIXINGS USED ARE SUITABLE FOR THE GARAGE WALL BUILD PROPERTIES

Step 3a - Fixing the Head Plates

Fix the head-plates into position ensuring that the head-plates are level and that the locating pegs are fully located into the guide section as described in Step 2. Fix securing screws through back of head-plate and attached securely to the wall. Where a back box is fitted it may be necessary to fix the back box to the opening header to stop any marking of the curtain during door operation. If additional fixings are required in the back box, use countersunk screws, ensuring that the screw heads do not protrude, as curtain damage could occur.

Always ensure that the back box is adequately fixed to eliminate any rubbing of the curtain on the back box during the door operation.

Step 6 - Installing the Door Curtain

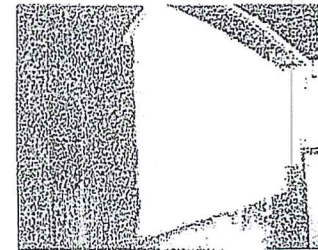


Figure 6

(1) The Door curtain is delivered ready rolled for installation pre fitted with T springs in factory and the bottom section to the outside of the roll. To ensure the curtain does not get scratched during installation, metal tube should be covered by cardboard or bubble wrap.

(2) Lift the curtain rolled and feed the bottom rail over the barrel section into the guides.

(3) Feed the door into the guides approximately half way. Un-roll the remaining curtain, so the curtain is hanging over the motor barrel (see Fig. 6). Gently lower the curtain into the guides (ensure all tools and equipment are inside the garage at this point)

Step 7 Applying Tension to Door

PLEASE NOTE: The door is partly pre-tensioned

Applying tension and attaching door curtain to octagonal tube on 77mm manual lath door

1. Keeping tight hold of barrel remove locking clips from each end and rotate barrel forward in the direction of arrow approx 6/7 times to gain correct tension (please note fine adjustment may be required once door is fully installed).
2. Once curtain is fully tensioned keeping tight hold of barrel attach the T spring into square holes evenly spaced out across the barrel. Carefully release barrel so the T spring take up the tension of the barrel with the door curtain.
3. Raise door to midway position (be careful not to let door go to top as it will come out of guides and tension will be lost).
Attach crash stops to either side (supplied) of bottom rail.
4. Attach centre handle to front and back of bottom rail using bolts supplied.
Put door in fully closed position; mark out for locking bar holes and drill hole out accordingly.
5. Roll door up and down to check operation and door is rolling evenly at this point if tension is not correct you may have to fine adjust to ensure correct running of door.