

Installation Instructions – Height Restrictor

You will need...

- Tape measure
- Battery drill/screwdriver
- String line
- Setting out pegs
- Safety gloves and goggles
- Spirit level
- Selection of clamps and supports
- Post-hole spade or equivalent for digging post holes*
- Cement – suitable for setting posts.

**not required if mounting posts onto concrete using base plates. Base plates are supplied pre-drilled, and all holes must be used when securing to concrete.*

A MINIMUM OF TWO PEOPLE IS REQUIRED TO INSTALL THIS HEIGHT RESTRICTOR SYSTEM.

Step 1

This gate is based on a rigid rectangular form complete with bracing struts to strengthen the frame and make it suitable for heavy use. Construction will either be single or double leaf opening depending on the end user specification (illustration shows single leaf).

When delivered, the leaf is not attached to the post, making the posts easier to handle. Based on the width of the gate supplied, mark the positions of the gate posts.

Using the appropriate equipment, and observing the correct health and safety procedures, dig the holes to the required depth, to accommodate the gate posts provided. We recommend at least 450 x 450mm and 700mm deep. If using base plates screwed onto concrete instead of post holes, ensure that the surface is thick enough to accommodate fixing screws and level enough to allow the post to be fixed vertically. A survey of the ground conditions must be carried out in advance to ensure conditions will support all posts. If too wet or insufficiently compacted please consult a ground works engineer for assistance.

Step 2

Add the mixed concrete to the hole around the positioned fence post. Professional installers use postcrete which will be dry in 5-10 minutes, but ensure the post is fixed in the upright position while drying.

Step 3

The gate leaf can now be lifted into place.

- The bottom eye bolt should be fitted to the gate leaf first, and tightened in place with the bolts provided.
- Next, the top eye bolt is slotted over the top hinge pin before being inserted through the pre-drilled holes in the gate leaf.
- The gate will need to be supported at the far end while the gate is being hung.
- When the eye bolt is through the gate leaf it can be secured with the bolt provided.
- If hanging a two leaf gate, the other leaf can now be hung on the adjacent post.
- The top and bottom eye bolts are both adjustable so that the gate can be lined up properly.

Step 4

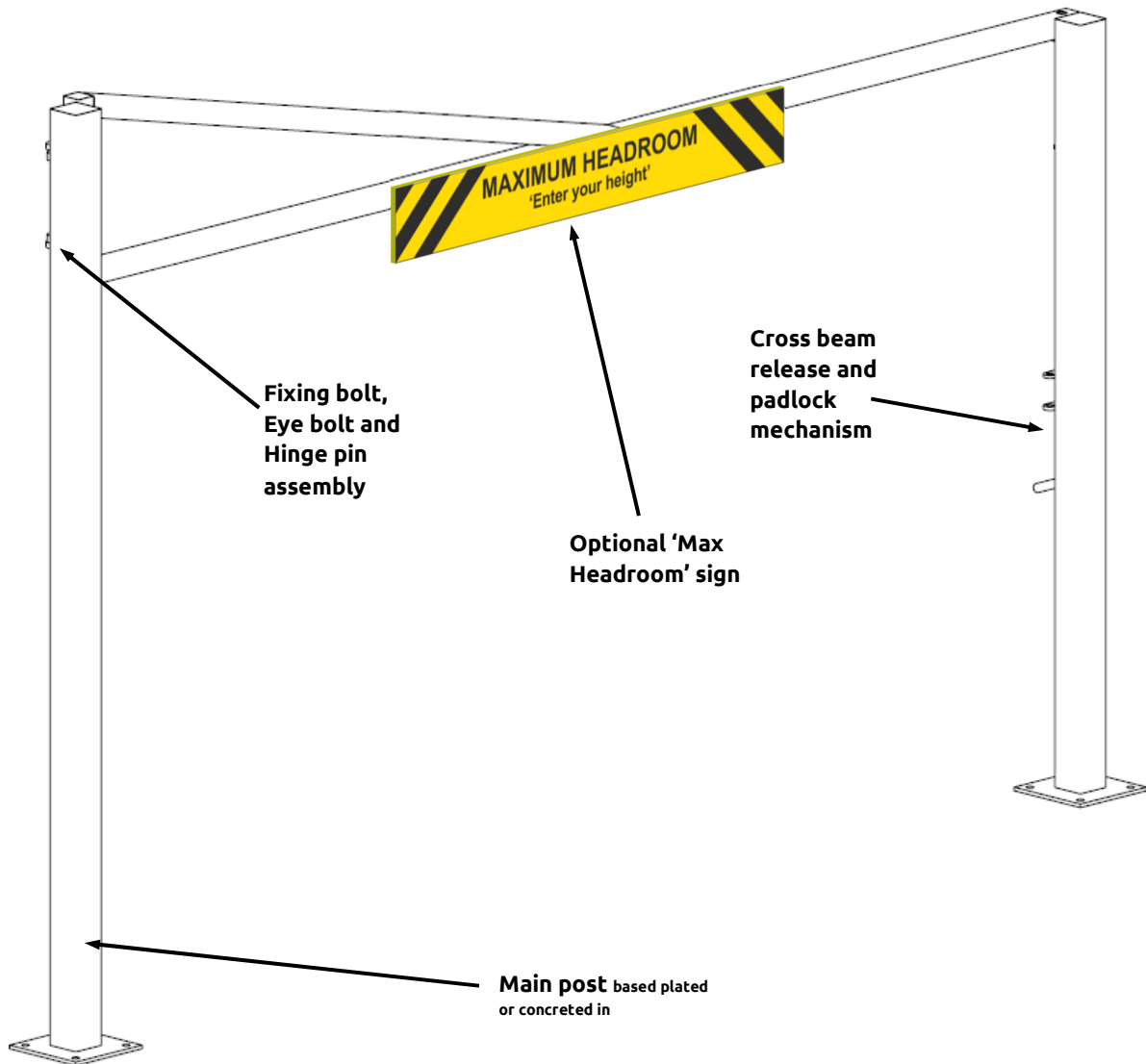
Double leaf gates need to meet freely in the middle so that any closing and locking mechanism will operate correctly.

When closed single leaf gates can be secured to a single upright post set adjacent to the main supporting post. A similar post can be used to secure the gate in the open position.

Step 5

Tidy up the site, and finally apply some grease to the hinge pins.

Provided the gate has been installed correctly, it should not give you any problems, but if it drops over a period of time, adjustment can be made by the method described in **Step 3**. It is best to keep the gate shut, as holding it open for long periods of time can cause some warping.



Alexandra has worked hard to produce these installation instructions for you, but we need your help to ensure that they are as technically thorough as they can be. If you encounter any problems whilst using this document, or can suggest any changes or amendments, please telephone us on: **01892 833 001** or email: **sales@alexandrasecurity.com**