

Installation Instructions – Raising Arm Barrier

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 RAISING ARM BARRIER SYSTEM.

Step 1

Construction of this barrier will either be single arm opening however two units can be placed opposite each other to cover a wider access point.

When delivered, the arm 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 posts provided. We recommend at least 450 x 450mm and 700mm deep. If using base plates screwed onto concrete instead of post holes (as illustrated), 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 these are 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 barrier arm can now be lifted into place and secured.

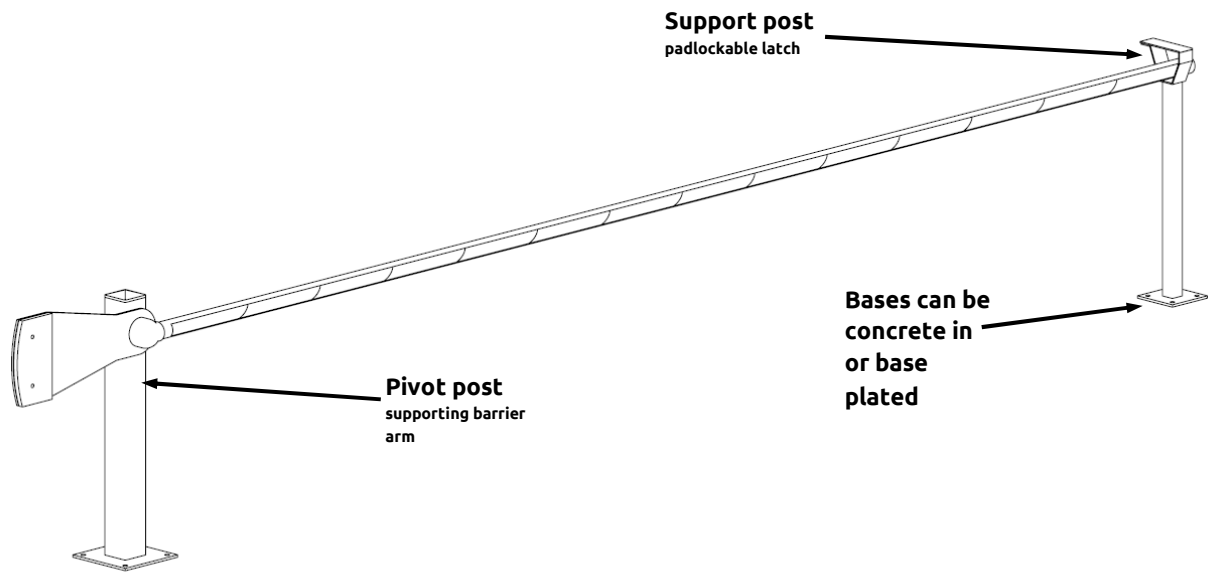
Step 4

It is recommended that the main pivot post be secured first before installing the supporting post as the far end of the arm. This too can be concreted in or base plated.

Step 5

Tidy up the site, and finally apply some grease to moving parts.

Provided the barrier has been installed correctly, it should not give you any problems. Occasionally clean all surfaces with soap and water. Check that the fixing bolts and other visible fixings are suitably tight and have not worked loose. Check foundations remain firm. Occasionally apply light oil (WD40 or similar) to the hinge if required.



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**