

ATG Access Ltd.

Manually Operated Rising Bollards And Lift-out Bollards Installation Instructions



Model

Motorcycle Post
150mm Sockets for Lift-out Posts

General

It is essential to use these instructions in conjunction with the installation drawing and the Manual Bollard General Installation Instructions.

As previously stated the area must be cat scanned for underground services before beginning and a cable avoidance tool should be employed.

Definitions

Outer Bollard – This is the large box section which goes underneath the ground.

Socket – This is the box section which goes underneath the ground to hold lift-out posts.

Inner Bollard – This is the section which rises above ground level.

Unless otherwise stated these instructions refer to the Outer Bollard or Socket.

Method Statement

Mark a 300mm square hole on the ground

Cut the surface within that hole to a depth of 75mm.

A cutting disc may assist.

Cut out the centre of the hole with a hammer drill (Kango).

Dig the hole to a final depth of 500mm.

This should result in the top of the outer bollard being 6mm above ground level.

Clipper spades may assist the dig.

Place a layer of gravel at the bottom of the hole to assist drainage.

Set the outer bollard in the centre of the 300mm square hole ensuring it is vertical and that the top edge is 6mm above the ground.

The lid must close in the same direction as the main flow of traffic. *

Fill the hole with concrete using 3 parts chippings, 2 parts sand and 1 part cement.

Dye can be used to match the finish to the existing surface.

Smooth the top of the concrete with a trowel. *

Ensure that the lid can fold back level with the ground.

The post should be left in the down position until the concrete dries. *

Allow at least 24 hours for the concrete to dry.

* N/A for Lift-out bollards

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