

Admiral™ Rebound™ Bollard

INSTALLATION INSTRUCTIONS

Installation into Existing MKI Sockets

IMPORTANT NOTE: ENSURE ALL RELEVANT PERSONNEL READ THE POINTS LISTED BELOW AND THAT A COPY IS PASSED ON TO STAFF INVOLVED WITH THE INSTALLATION.

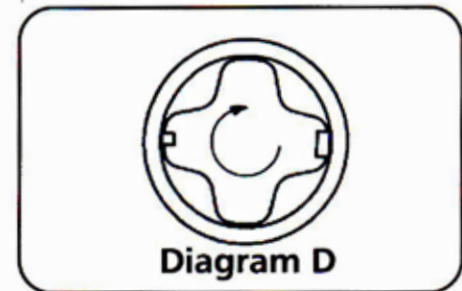
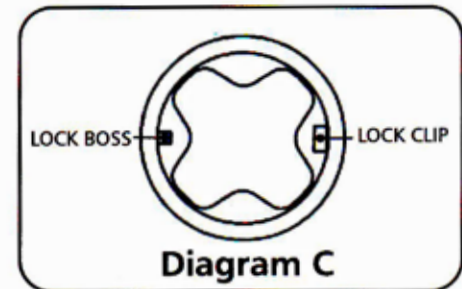
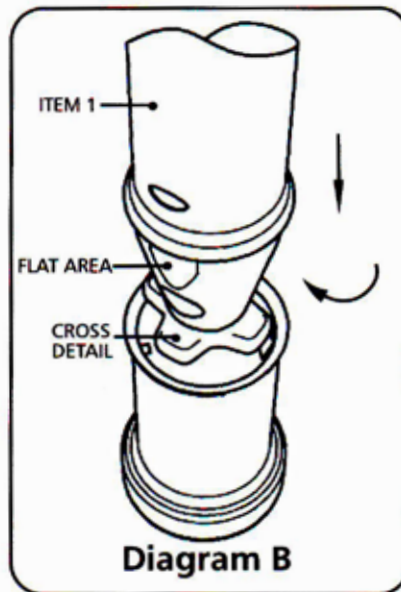
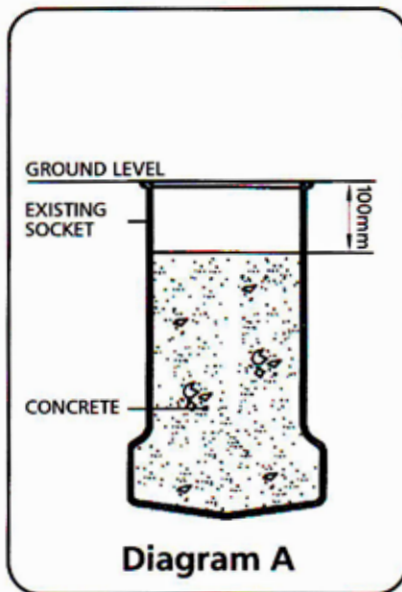
SAFETY NOTE: Please refer to the 'Manual handling Operations Regulations 1992' During the handling of the product and materials used for the installation.

PRODUCT COMPONENTS:

- ITEM 1. Bollard x 1
- ITEM 2. Anchor Tube x 1

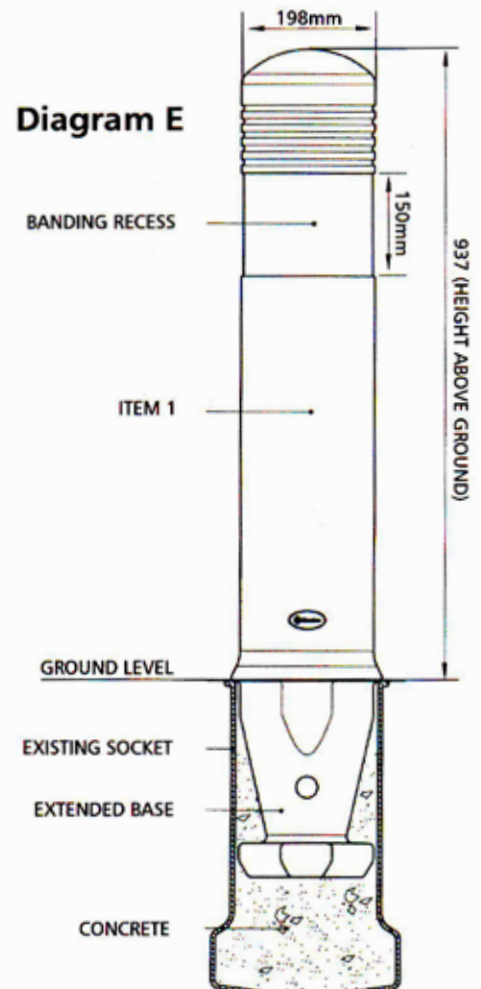
TOOLS REQUIRED FOR INSTALLATION:

- Concrete Mix (Fast Setting)
- Spirit Level



INSTALLATION:

- 1) Fill existing Admiral Bollard MKI Junction Marker Post Socket with concrete 100mm from the top of the socket as shown in Diagram A.
- 2) Please note that the Anchor Tube (item 2) is not required for this type of installation.
- 3) Ensure the Bollard is orientated correctly with regard to the Retro-reflective banding and the site requirements. (i.e. Red Reflector faces oncoming traffic on the near-side and White Reflector faces oncoming traffic on the off-side)
- 4) Align the Bollard (Item 1) above the Existing Socket so as the cross detail of the Extended Base can pass past the Socket Locking Clip and Boss (see diagram B and C).
- 5) Insert the Extended Base of the Bollard into the Socket and Concrete.
- 6) Once the cross detail of the Bollard has passed the Lock Clip and Boss, twist the Bollard so the two Flat Areas on the Extended Base align with the Lock Clip and Boss (see diagram B and D).
- 7) Once again ensure the Bollard is orientated correctly.
- 8) Fully insert the Extended Base of the Bollard into the Socket and Concrete until the Bollard sits at ground level as shown in diagram E.
- 9) Ensure the Bollard remains vertical during the concrete setting period.



Admiral™ Rebound™ Bollard

INSTALLATION INSTRUCTIONS

Installation into New Concrete Foundations

IMPORTANT NOTE: ENSURE ALL RELEVANT PERSONNEL READ THE POINTS LISTED BELOW AND THAT A COPY IS PASSED ON TO STAFF INVOLVED WITH THE INSTALLATION.

SAFETY NOTE: Please refer to the 'Manual handling Operations Regulations 1992' During the handling of the product and materials used for the installation.

PRODUCT COMPONENTS:

ITEM 1. Admiral Rebound Bollard x 1
ITEM 2. Anchor Tube x 1

TOOLS REQUIRED FOR INSTALLATION:

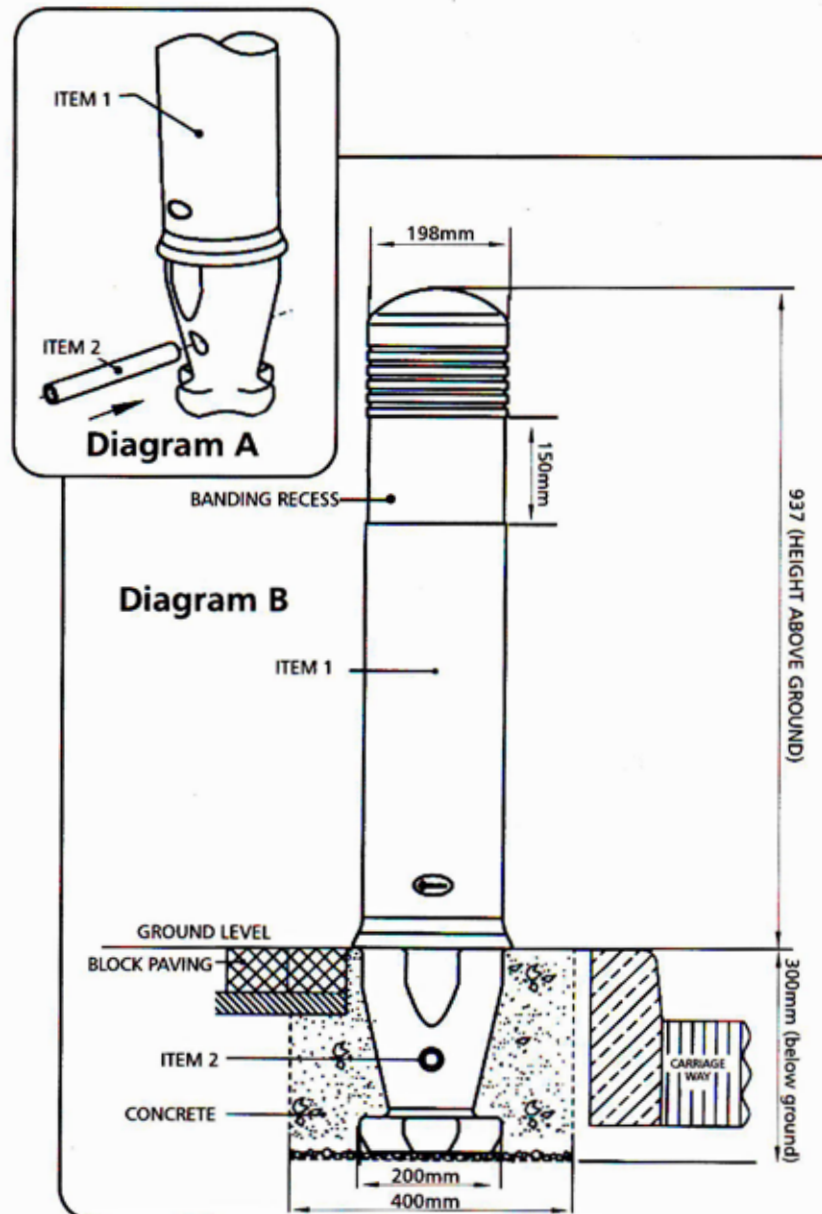
- Equipment to Excavate Hole
- Concrete Mix (Fast Setting)
- Spirit Level


INSTALLATION:

- 1) Check for buried services before starting installation.
- 2) Prepare a hole 400mm x 400mm x 300mm deep.
- 3) Assemble the bollard by inserting the Anchor Tube (item 2) through the hole in the Bollard (item 1) base as shown in Diagram A.
- 4) Place a small amount of aggregate or sand in the base of the prepared hole to help position the bollard at the correct height at the ground level mark (see Diagram B).
- 5) Ensure the bollard is vertically level with the use of a spirit level.
- 6) Ensure the bollard is orientated correctly with regard to the Retro-reflective banding and the site requirements. (i.e. Red Reflector faces oncoming traffic on the near- side and White Reflector faces oncoming traffic on the off-side).
- 7) Once the bollard is positioned correctly pour concrete into the prepared hole to ground level.
- 8) Should block paving be required reduce the height of concrete accordingly to allow the paving to be sited at ground level.
- 9) Ensure the bollard remains vertical during the concrete setting period.

Note

Avoid contact with hot Tarmac as this will seriously impair the performance of the bollard.



 **Glasdon** AND ADMIRAL™ REBOUND™ BOLLARD ARE TRADEMARKS OR REGISTERED TRADEMARKS GLASDON GROUP OR ITS SUBSIDIARIES IN THE U.K. AND OTHER COUNTRIES

- A planned maintenance schedule of regular inspection is recommended, replacing components as necessary.
- Replacement components are available direct from GLASDON.
- GLASDON cannot be held responsible for claims arising from incorrect installation, unauthorised modifications or misuse of the product.



Glasdon U.K. Limited

Preston New Road
BLACKPOOL
Lancashire
FY4 4UL

Tel: 01253 600410

Fax: 01253 792558

e-mail: sales@glasdon-uk.co.uk

web: www.glasdon.com