

APEX™ CHEVRON

INSTALLATION AND MAINTENANCE INSTRUCTIONS

Please also refer to the 'Manual Handling Operations Regulations 1992' during the handling of the product and materials used for installation. Glasdon recommends that a full Health and Safety analysis and site survey is carried out prior to installation.

INSTALLATION INSTRUCTIONS

Signboard Installation See Page 2
 TYPE 1 - Socketed Installation See Page 3
 TYPE 2 - Extended Base Installation See Page 4

KIT CONTENTS:

| | TYPE 1 | TYPE 2 |
|---|--------|--------|
| ITEM 1 - M8 Nylon Nut | x 6 | x 6 |
| ITEM 2 - M8 x 20mm Washer | x 7 | x 6 |
| ITEM 3 - M8 x 38mm Square Headed Bolt | x 6 | x 6 |
| ITEM 4 - Chevron Signboard (Hi-Vis Shows) | x 1 | x 1 |
| ITEM 5 - Chevron Signcarrier | x 1 | x 1 |
| ITEM 6 - Glasdon Key | x 1 | |
| ITEM 7 - M8 x 20mm Hex Head | x 1 | |
| ITEM 8 - Anchor Pin | x 1 | x 1 |
| ITEM 9 - Socket Wedge | x 1 | |
| ITEM 10 - Apex Lockfast™ Socket | x 1 | |

TOOLS/EQUIPMENT REQUIRED:

- Excavation Equipment
- Tape Measure
- Spirit Level
- 13mm Socket / Spanner
- Concrete Mix (we suggest using a quick setting concrete i.e. QC10 for all installations).
- Safety Equipment (hard hat, mask, goggles, reflective clothing, etc).

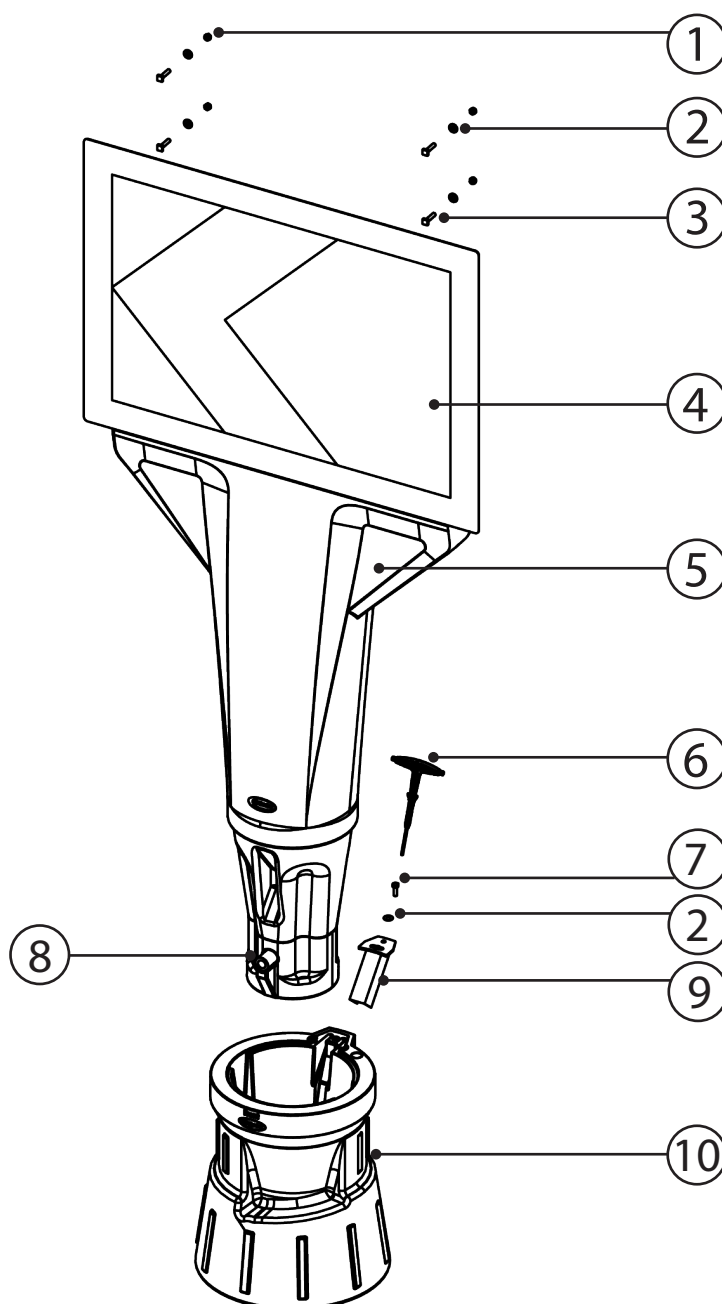
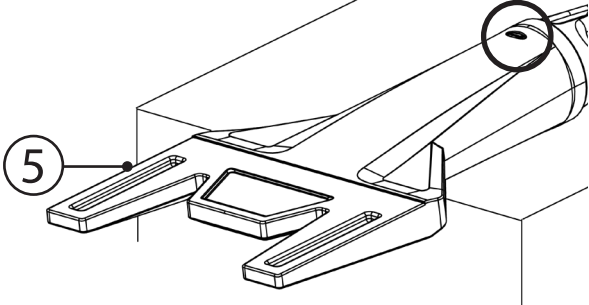


DIAGRAM NOT TO SCALE

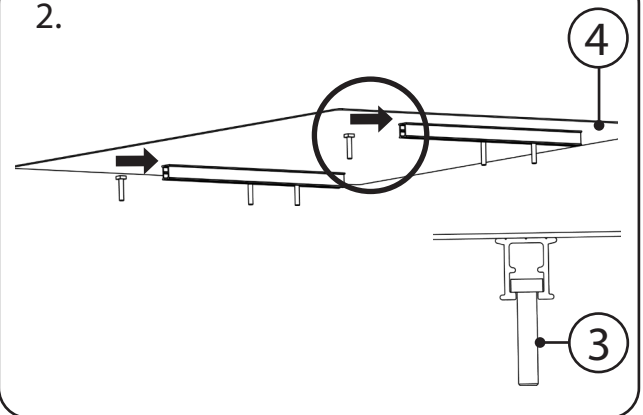
SIGNBOARD INSTALLATION

1.



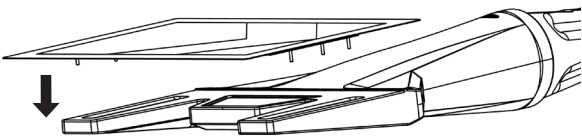
Lay the chevron signcarrier (ITEM 5) down face-up, on a raised, flat surface. So you have access to both sides of the sign fixing arms, ensure the front of the unit points upwards (Glasdon logo visible).

2.



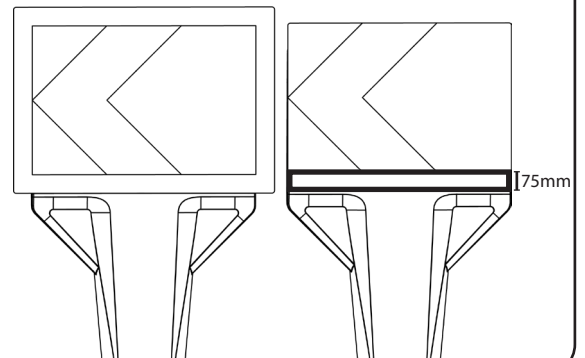
Slide the x6 square headed bolts (ITEM 3) along the rails on the back of the signboard (ITEM 4), using x3 bolts per rail.

3.



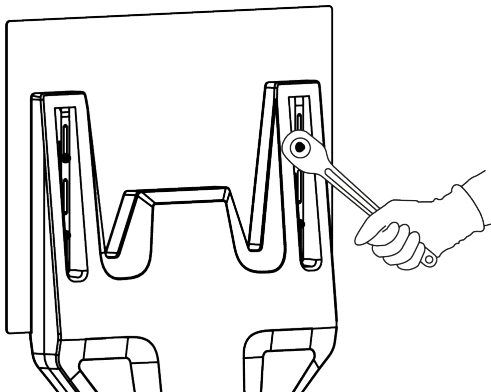
Lower the signboard down on top of the signcarrier. Line the rails on the back of the signboard up with the slots on the signcarrier. Ensure x1 bolt fits through each slot of the signcarrier arms for most secure installation.

4.



For high visibility border signs, ensure the signboard is straight and that the bottom edge of the signboard is parallel with the signcarrier mounting ledge before threading ITEMS 1 & 2 over each bolt and hand tightening.

5.




Return the signcarrier to its' up-right position. Fully tighten the signboard fixings using a 13mm socket.

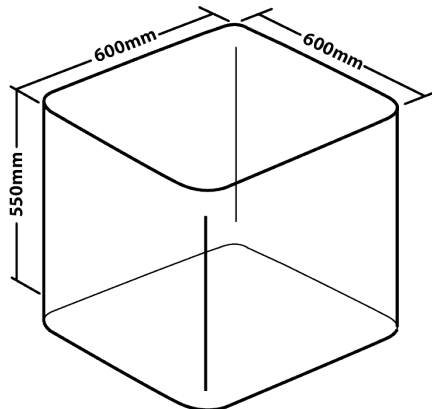
For standard signboards (without high visibility border), the signboard should be placed 75mm above the mounting ledge for the sign positioning to comply with TSRGD and Traffic Signs Manual - Chapter 4.

SOCKET INSTALLATION

TYPE 1

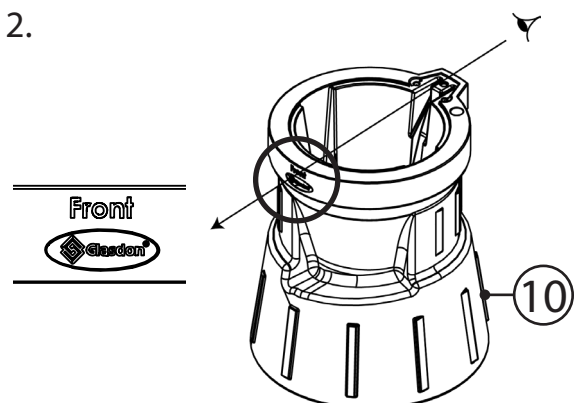
 Note: Take care to avoid buried services when excavating the hole.

1.



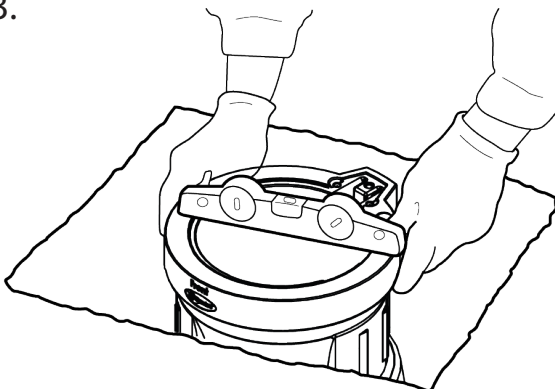
Excavate the hole to the above dimensions and lay a depth of 50mm of gravel or sand in the base of the hole for drainage.

2.



Position the socket (ITEM 10) into the hole. Ensure the socket is orientated correctly. The socket should be installed with the word 'FRONT' facing oncoming traffic. The top allows for orientation to be accurately sighted

3.



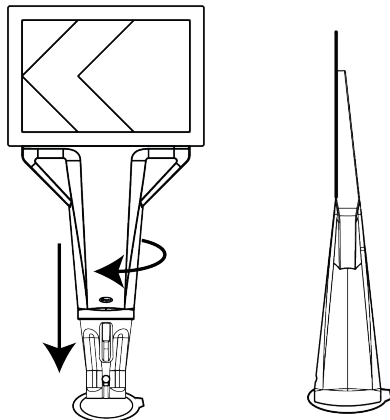
Use a spirit level to ensure the top of the socket is level and flush with the ground. Add / remove gravel as required to level.

4.



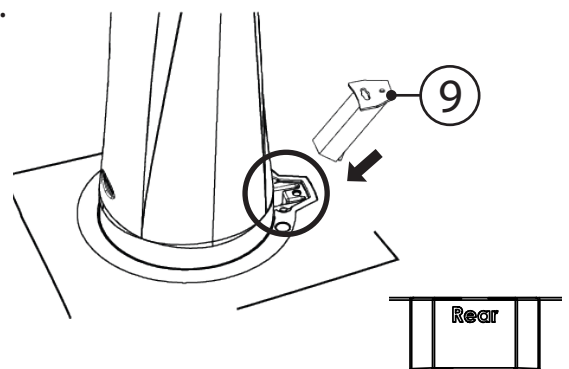
Fill hole with concrete. Ensure concrete is flush with the top of the socket. Smooth the surface and allow concrete to dry for at least 24 hours. We recommend using quick setting concrete (QC 10). Insert the signcarrier into the socket to check it is upright and straight.

5.



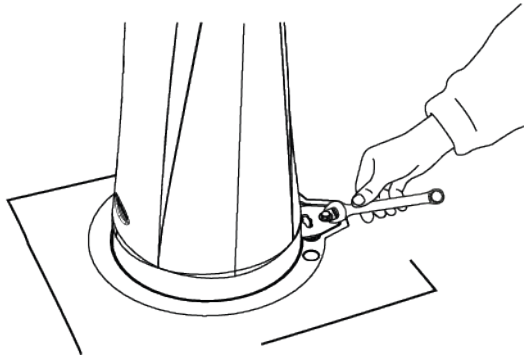
Insert the assembled signcarrier into the socket and twist 90 degrees clockwise to lock into position. Ensure the signcarrier is orientated correctly with the chevron sign face facing oncoming traffic.

6.




Insert socket wedge (ITEM 9) into the REAR of the socket.

7.

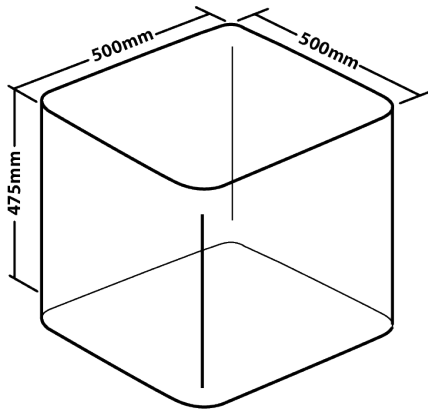


Position ITEMS 4 & 5 into the fixing hole and tighten fully using a 13mm socket/spanner.

EXTENDED BASE INSTALLATION TYPE 2

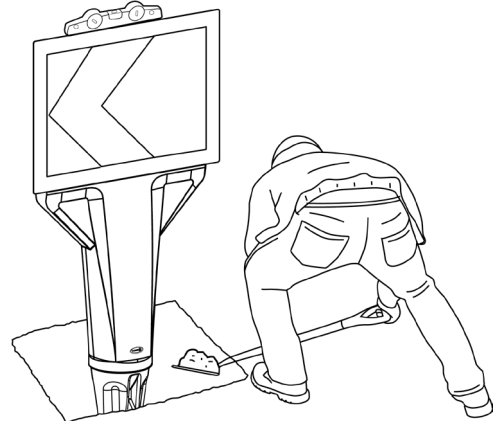
 Note: Take care to avoid buried services when excavating the hole.

1.



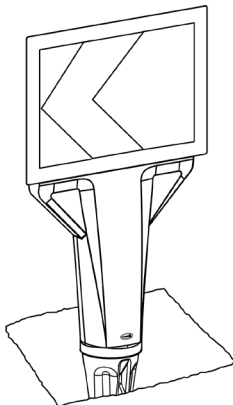
Excavate the hole to the above dimensions. Place a small amount of gravel or sand to a depth of 50mm in the base of the prepared hole.

2.



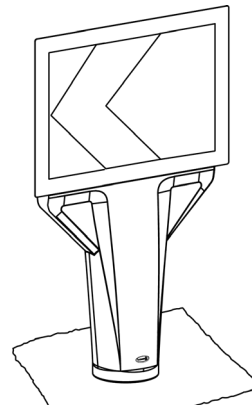
Position the signcarrier into the hole. Add / remove gravel as required to help position the signcarrier at the correct height. Use a spirit level to ensure the top of the signboard is level with the ground and the signcarrier is vertical.

3.



Ensure the signcarrier is orientated correctly with the chevron sign face facing oncoming traffic.

4.

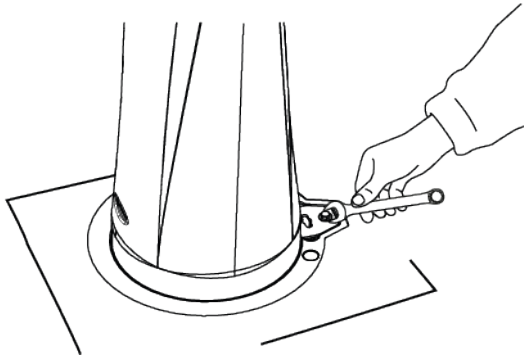


Once the signcarrier is positioned correctly, fill the hole with concrete or earth. Ensure it covers the anchor pin and that the signcarrier remains vertical. Stamp down the surrounding earth to level off ground. If using concrete we recommend using (QC 10) quick setting concrete and allowing 24 hours to dry.

OPERATOR INSTRUCTIONS

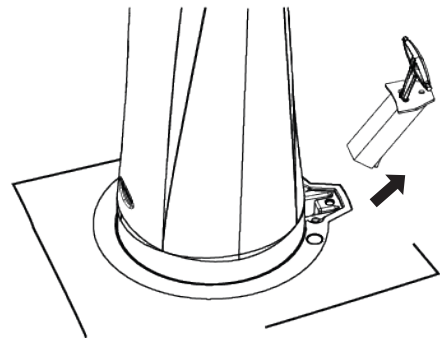
CHEVRON SIGNCARRIER REMOVAL

1.



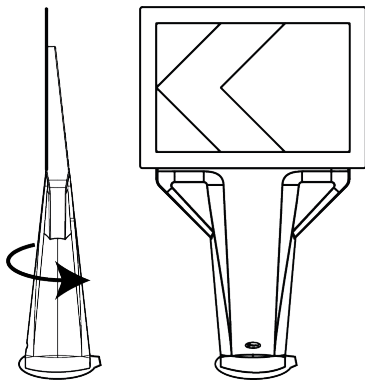
Use a 13mm socket/spanner to untighten the fixing bolt.
Remove the fixings.

2.



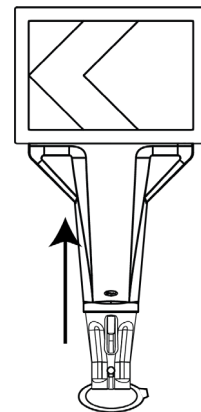
To remove socket wedge, fully insert the Glasdon key into key hole, twist slightly to allow the wings of the key to grip the underside of the keyhole and pull wedge out from the socket.

3.



Twist the signcarrier 90 degrees anti-clockwise.

4.



Lift the signcarrier out from the socket.

CLEANING AND MAINTENANCE

Hand wash with a 10% solution of mild detergent in warm water using a soft bristle brush followed by a rinse with clean water.

CAUTION:

Many graffiti removers can damage stickers.


Use only on the areas of the Durapol affected and do not use on sign face.

Felt tip pen or paint may be removed from Durapol using a proprietary graffiti remover. Carefully follow the manufacturers instructions, particularly the guidelines covering safety and protective equipment during use. Ensure that all traces of chemicals are removed once the graffiti has been erased, then clean as detailed above.

Regular inspection is recommended and components replaced when necessary.

IMPORTANT NOTE: PLEASE ENSURE THAT ALL RELEVANT PERSONNEL READ THE POINTS LISTED WITHIN THIS LEAFLET AND THAT A COPY IS GIVEN TO STAFF INVOLVED WITH THE INSTALLATION AND MAINTENANCE OF THIS PRODUCT.

SAFETY NOTE: PLEASE REFER TO 'THE MANUAL HANDLING OPERATIONS REGULATIONS 1992' DURING HANDLING.

 **Glasdon**, APEX, APEX LOCKFAST ARE TRADEMARKS OR REGISTERED TRADEMARKS OF GLASDON GROUP OR ITS SUBSIDIARIES IN THE U.K. AND OTHER COUNTRIES.

- A planned maintenance schedule or 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.

Stock No. C000/1043 - DWG No. 02B-092-10 Issue 1 - October 2022

© Copyright 08/2022

Glasdon UK Ltd reserve the right to alter specifications without prior notice.

 **Glasdon®**
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