

TRANSPORT SECURITY UNIT (TSU™) INSTRUCTION LEAFLET

NOTE: Ensure that all relevant personnel have read the points listed below and that a copy is passed on to staff involved with installation. Please also refer to the 'Manual Handling Operations Regulations 1992' during the handling of the product and materials used for installation.

INSTALLATION

WALL MOUNTING:

KIT CONTENTS:

ITEM 1: TSU.....x1
 ITEM 2: M8 x 100mm Self Tapping Anchor Bolt.....x4
 ITEM 3: M8 x 20mm Washer.....x4

TOOLS REQUIRED:

Ø6mm x 120mm Masonry drill bit
 Hand Drill
 12mm Torque Wrench

1. Hold the TSU (Item 1) against the wall at the desired height and mark the 4 hole positions.
2. Drill the 4 marked holes with the Ø6mm drill bit (Fig. A). To a minimum depth of 110mm.
3. Brush or blow all dust out of the 4 holes.
4. Insert bolts (Item 2) and washers (Item 3) through the inside of the TSU and into the wall (Fig. B).
 Apply pressure and screw into the wall with a 12mm wrench.
 Tighten to 25Nm.

NOTE: Suitable for use in concrete, brick and stone walls. Any other walls should be individually assessed, and the appropriate fixings utilised with M8 x 20mm washers.

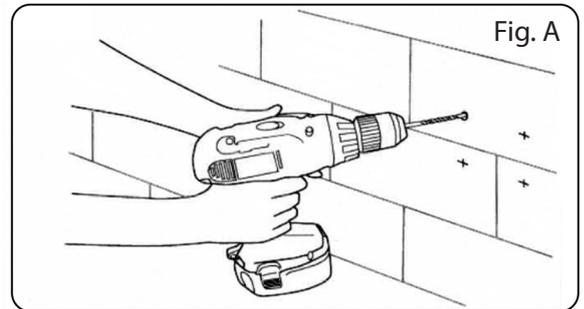


Fig. A

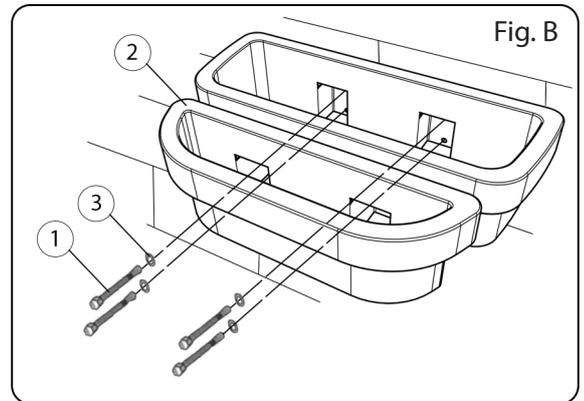


Fig. B

SIGN KIT INSTALLATION

WALL MOUNTING:

KIT CONTENTS:

ITEM 1: Polycarbonate Sign.....x1
 ITEM 2: Red Wall Plug.....x4
 ITEM 3: 1.5" Wood Screw.....x4
 ITEM 4: Screw Cover Cap.....x4
 ITEM 5: TSU (Installed).....x1

TOOLS REQUIRED:

Hand Drill with Ø5mm drill bit
 Tape Measure
 Pencil
 Hammer
 Phillips Head Screwdriver

1. Hold the sign (Item 1) against the wall at the desired height above the TSU (Item 5) and mark the 4 hole positions.
2. Drill the 4 marked holes.
3. Brush or blow all dust out of the holes.
4. Insert wall plugs (Item 2) into the wall and then the wood screw (Item 3) into the screw cover caps (Item 4). Attach the sign using the screws.
5. Fold the screw cover cap over each screw to finish the installation.

NOTE: Instructions are for fixing to a masonry wall. Other wall types should be assessed for the most appropriate permanent fixing method.

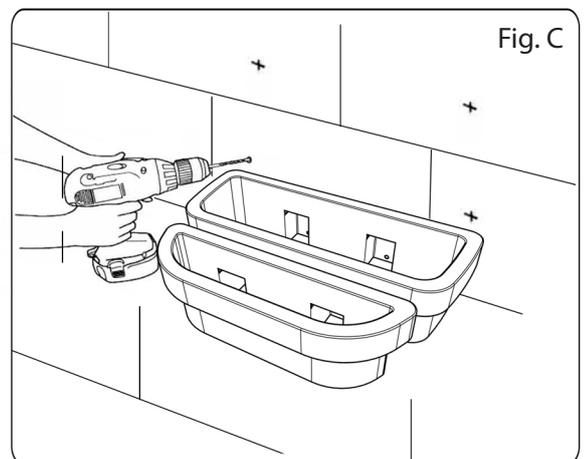


Fig. C

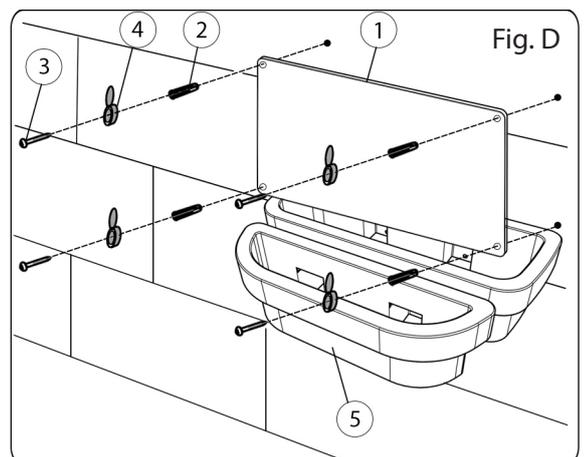


Fig. D

POST MOUNTED INSTALLATION

BOLT DOWN POST:

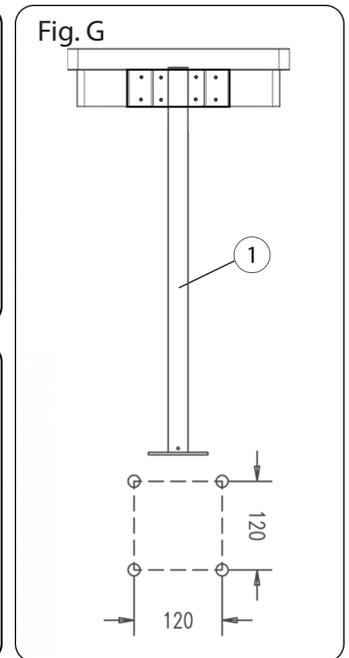
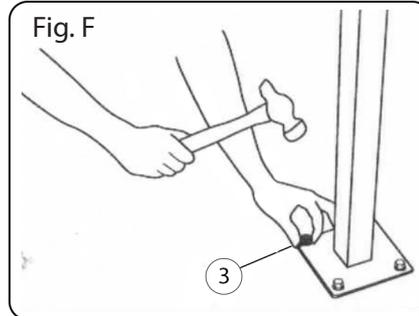
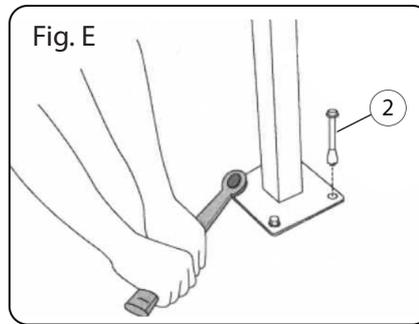
KIT CONTENTS:

- ITEM 1: Bolt Down Post (Fig. G).....x1
- ITEM 2: M10 x100mm Anchor Bolt.....x4
- ITEM 4: M10 Black Security Cap.....x4

TOOLS REQUIRED:

- M12 x 120mm Masonry Drill Bit
- Hand Drill
- 17mm Socket Wrench
- Hammer

1. Hold the post (Item 1) in desired position and mark 4 holes into the ground.
2. Drill the 4 holes to a depth of 100mm with the M12 Drill Bit.
3. Brush or blow dust out of the 4 holes.
4. Insert bolts (Item 2) through the post (Item 1) and into the ground. Tap down with the hammer and tighten using the 17mm socket (Fig. E).
5. Finally push the 4 x black caps over the bolt heads and gently tap into place (Fig. F) to offer tamper resistance.



CONCRETE IN POST:

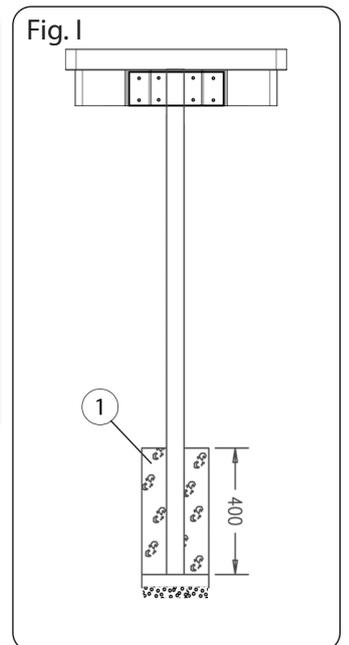
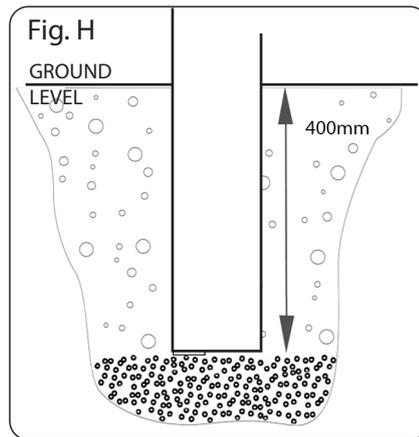
KIT CONTENTS:

- ITEM 1: Concrete in Post (Fig.I).....x1

TOOLS REQUIRED:

- Excavating Equipment
- Concrete Mix
- Gravel

1. Dig a hole to a depth of 400mm with an additional gravel at the base to level out the hole.
2. Place the post (Item 1) into the hole and support using blocks.
3. Pour the concrete into the hole around the post.
4. Additional support may be required until the concrete sets.



⚠ WARNING: Check for buried services before installation!

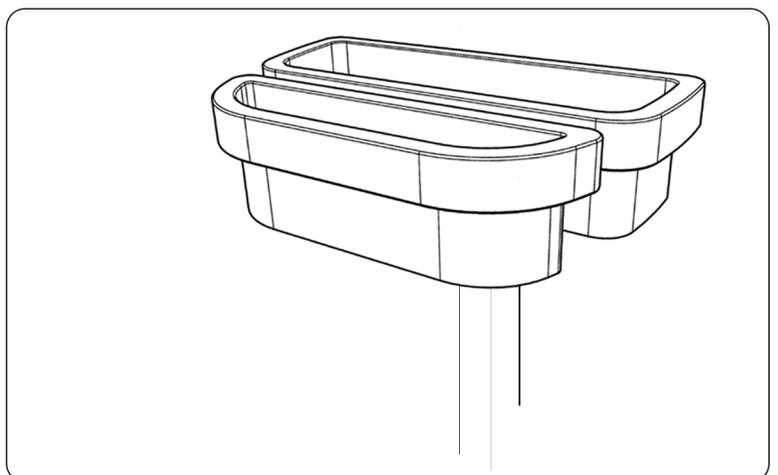
INSTALLATION ONTO POST:

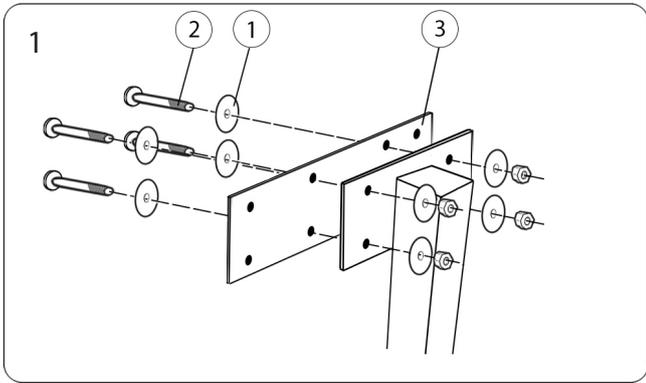
KIT CONTENTS:

- ITEM 1: M8x20mm Washer.....x8
- ITEM 2: M8x16mm Screw.....x4
- ITEM 3: Adapter Plate.....x1
- ITEM 4: Post.....x1
- ITEM 5: M8 Nyloc Nut.....x4
- ITEM 6: TSU.....x1

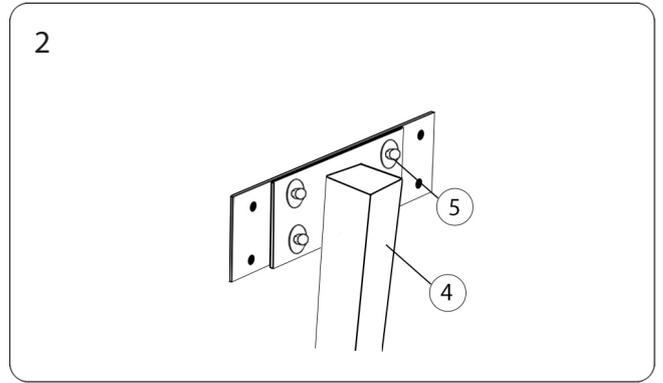
TOOLS REQUIRED:

- Spanner.....x1
- 5mm Allen Key.....x1

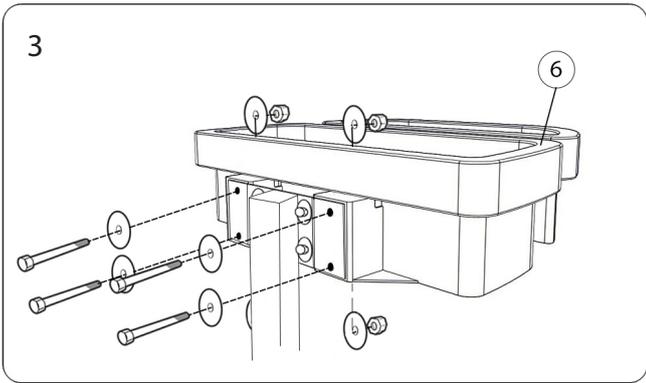




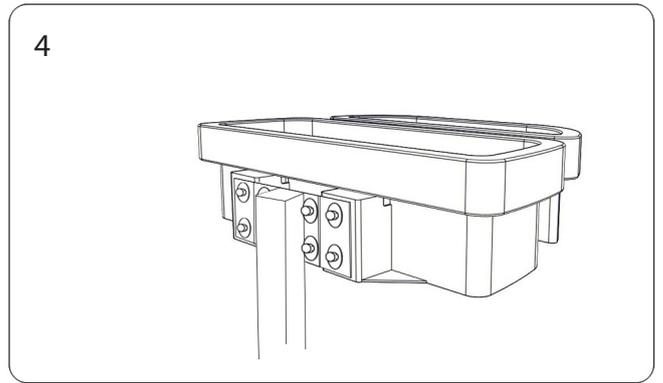
Fit the washers (Item 1) over the screws (Item 2) and fit through the 4 central holes in the adapter plate (Item 3).



Fit the fixings through the matching holes in the post (Item 4). Securing them with washers and nuts (Item 5).



Attach the TSU (Item 6) by fitting the washers over the screws and fit through the 4 outer holes in the adapter plate and then into the TSU.



Fit the fixings through the matching holes in the post (Item 4). Securing them with washers and nuts (Item 5).

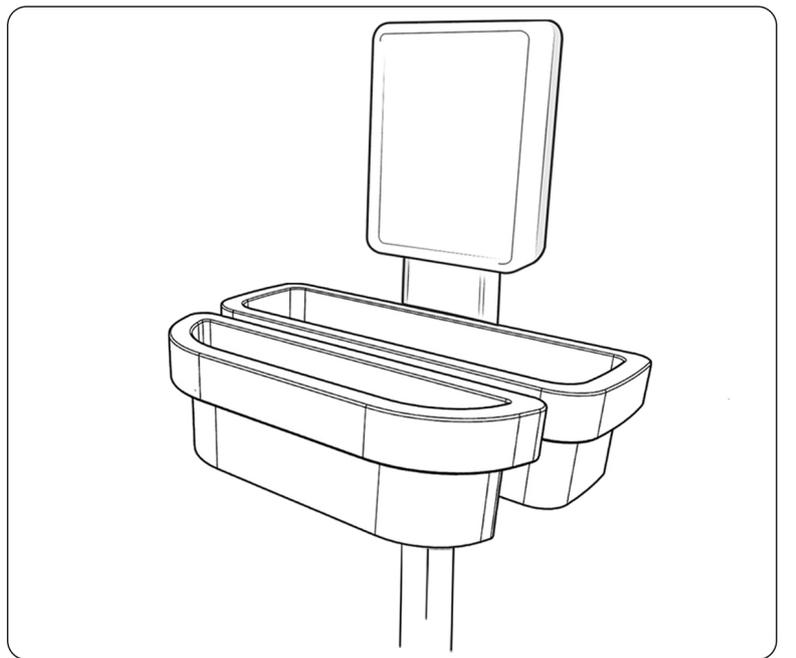
INSTALLATION ONTO POST WITH SIGN KIT:

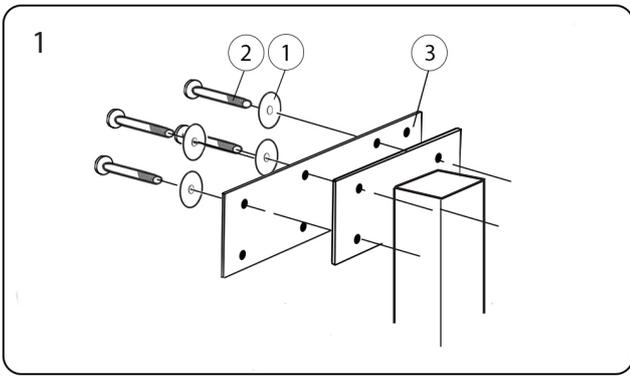
KIT CONTENTS:

| | |
|-------------------------------|-----|
| ITEM 1 - Washers..... | x16 |
| ITEM 2 - M8 x 80mm Screw..... | x8 |
| ITEM 3 - Adapter Plate..... | x1 |
| ITEM 4 - Post..... | x1 |
| ITEM 5 - M8 Nyloc Nut..... | x8 |
| ITEM 6 - TSU..... | x1 |
| ITEM 7 - Sign Carrier..... | x1 |

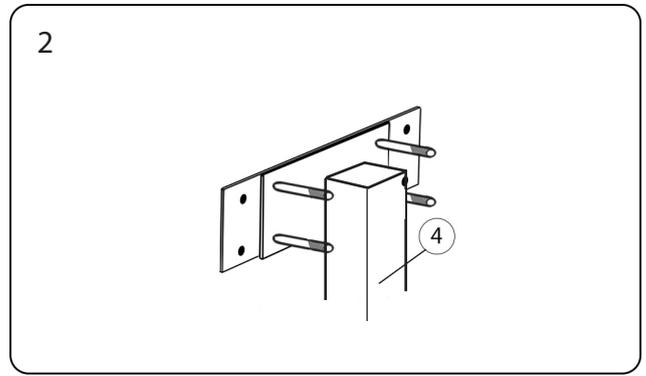
TOOLS REQUIRED:

| | |
|--------------------|----|
| Spanner..... | x1 |
| 5mm Allen Key..... | x1 |

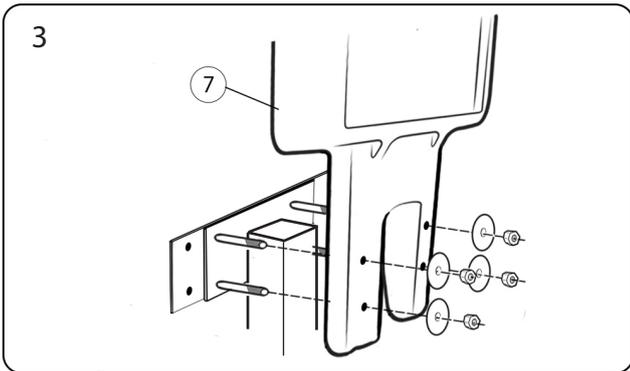




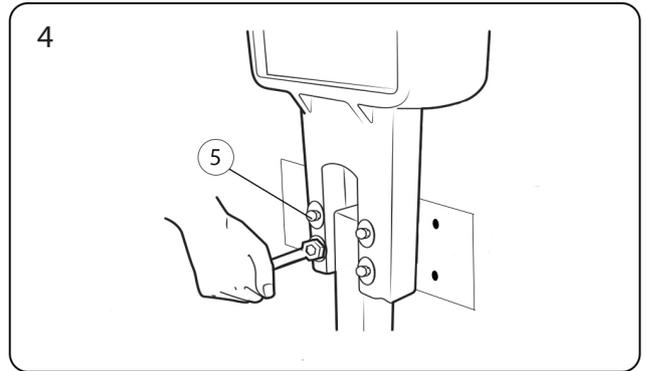
Fit the washers (ITEM 1) over the screws (ITEM 2) and fit through the 4 central holes in the adapter plate (ITEM 3).



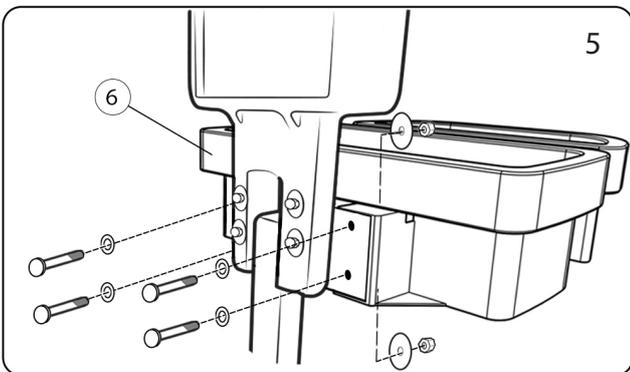
Fit the fixings through the matching holes in the post (ITEM 4).



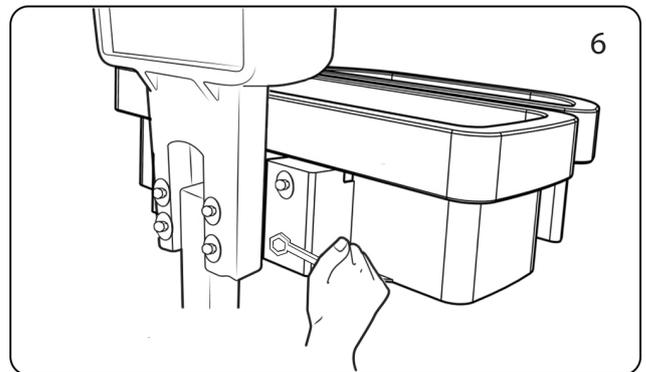
Locate the Sign Carrier's (ITEM 7) fixing holes on to the exposed bolts protruding through the rear of the Post.



Secure in position with washers and Nuts (ITEM 5).



Fix the washers over the bolts and fit through the 4 outer holes in the adapter plate and then into the TSU (ITEM 6).



Secure in position with washers and Nuts.

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- 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.

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