

## Instructions for the V28 TVCB Swing Gate (Multi-Position Opening)

### 1 General Information

Before any work commences, the site must carry a specific site risk assessment. This should include the right PPE to use, the ground condition, elevation or inclination.

The distance between the V28 TVCB block faces must be taken into consideration as per the rendered image below. This will facilitate the gate installation process.

**The V28 TVCB blocks will no longer conform to BS EN 1317 when the Swing Gate is fitted.**

### 1.1 Specifications



Weight is approximately 105kg for gate (excluding V28 TVCB Blocks).

Dimensions: 1000mm (H) x 4000mm (L) x 140mm (W)

### 2 Tools Notes

The Swing Gate with V28 TVCB installation requires a minimum of two persons with appropriate tools. **No tools are supplied by Marwood Group Ltd.**

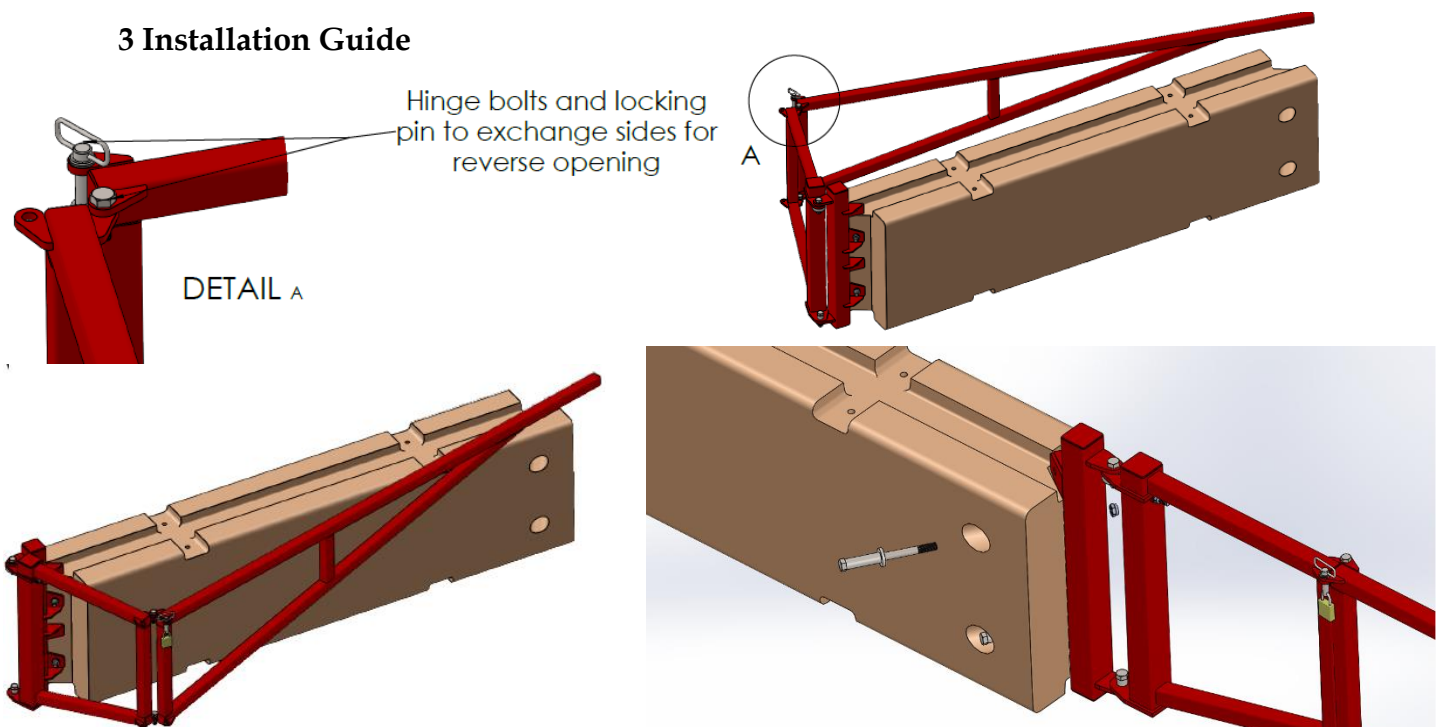
The advised tools may vary subject to the site procedures in place, site competent persons and site-specific risk assessment.

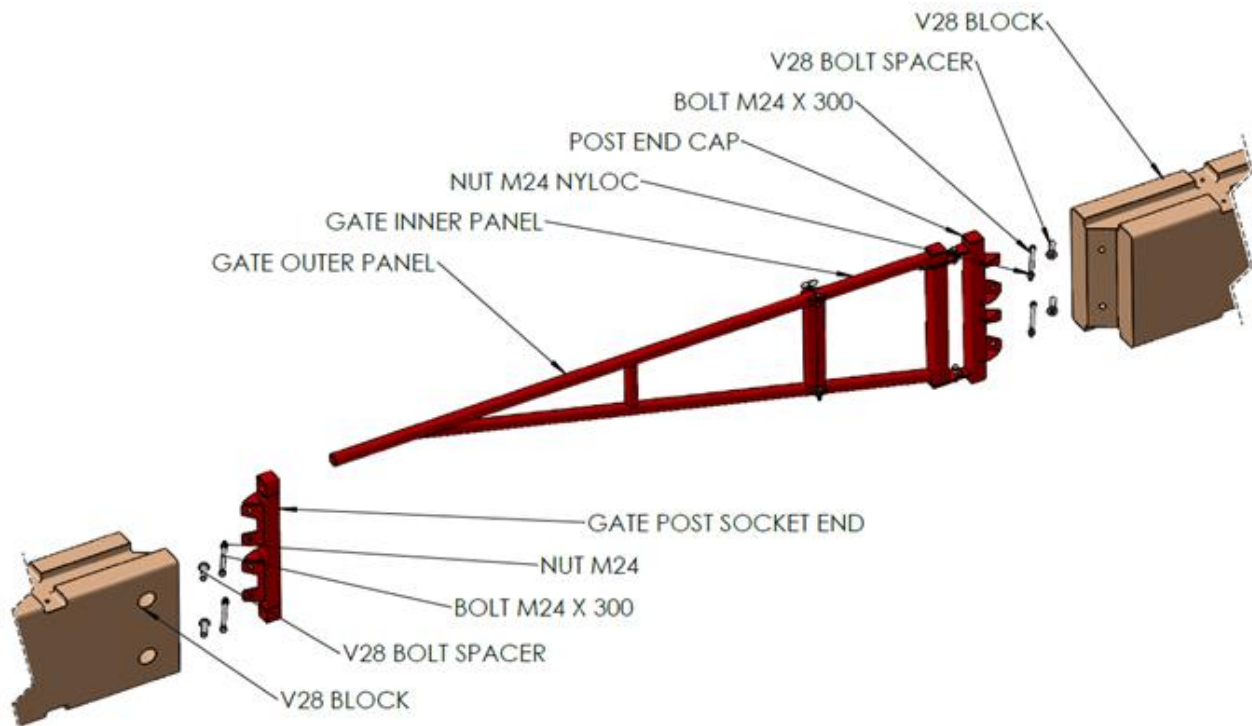
Required but not limited to the following below:

- ✓ 30mm spanner to tighten the M20 bolts up (when changing gates position)
- ✓ 36mm socket/spanner size to tighten the M24 bolts up

Two of each spanner or socket for holding and tightening.

### 3 Installation Guide





All Pictures shown are for illustration purpose only. Actual product may vary.

[If you require instructions how to assemble the fence, please refer to MG747](#)

1. Decide which side the Swing Gate will open (left or right). The Gate hinge bolts and locking pin will have to be positioned accordingly.
2. Starting with one block, align the V28 Gate Post Socket End over the pre-positioned concrete block holes. Remember which side the Gate Barrier will open and close.
3. Fit one M24 x 300 with spacer (see above render) in the first hole then add washer and nut on the other side.
4. Repeat Step 2 in second hole below.
5. Repeat Step 3 and 4 on the other block with the pre-assembled Gate Barrier and the Gate Post Hinge End.
6. Tighten all bolts when the post is in correct and stable position on ground.
7. Carry out a final check on all posts, bolts, nuts, gates, fences and blocks where applicable.

**Note:** The blocks must be installed by an installer certified by the Highways England if being deployed on motorways. The fence/gate must be installed by experienced and qualified installers in accordance with sector scheme 2B or 21. The installers must receive regular training on health and safety, best practice and other issues pertaining to the different aspects of the work involved.

#### **4 Maintenance**

Carry daily checks on the complete barrier system including blocks, fences (if present), gate and security fixings. Check that all fixings are tightened and secured.

**Marwood Group always recommends that a site survey and a full risk assessment must be carried out including loading and ground conditions before using barrier system. It is the end user's responsibility to make sure the system is suitable for its intended use**

**The gate barrier system must never be modified**

**Contact your local Marwood Group Depot, for replacement & repair to the barrier system**

**Any defects, security concerns or damage, contact your nearest Marwood Group Depot**