

SAFETY FIRST

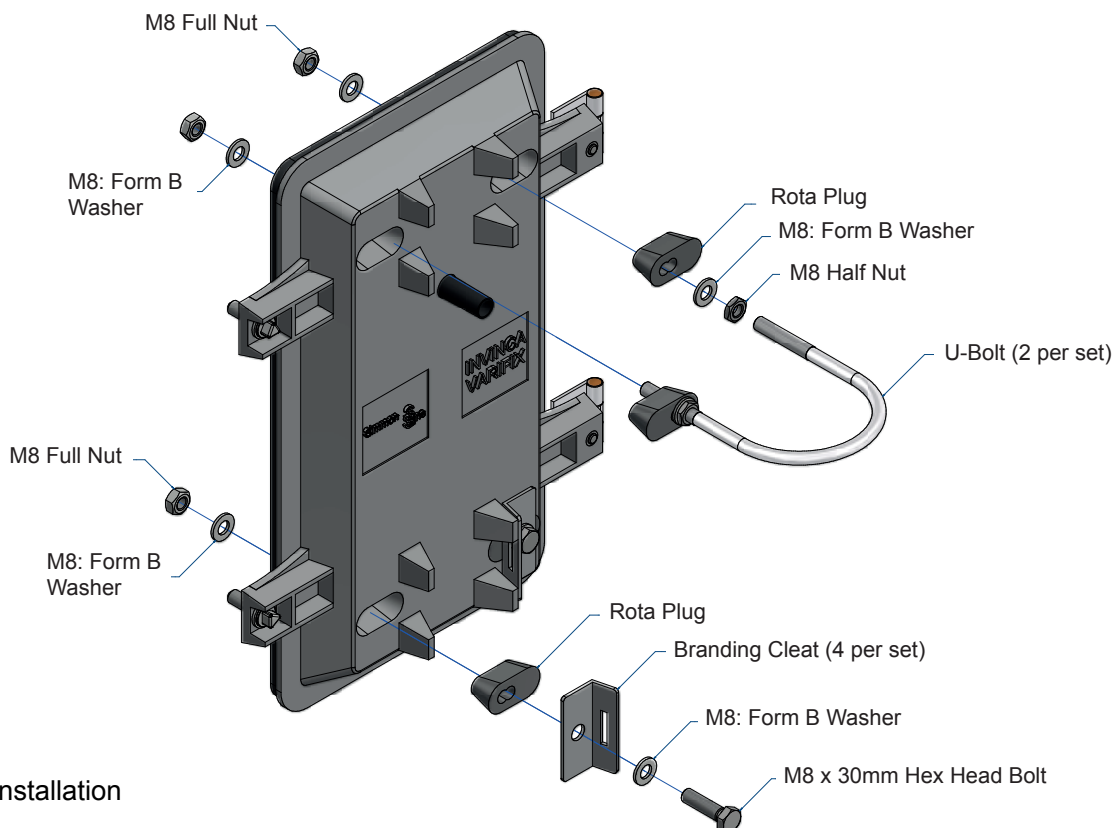
Isolate the mains electrical supply before commencing installation. All electrical work must be carried out in accordance with the latest IET wiring regulations (BS7671) by suitably qualified engineers. Ensure the voltage of the INVINCA is compatible with the mains supply input. 24 volt versions will require a transformer to reduce mains voltage to the appropriate level.

TOOLS REQUIRED

M8 Tri-head key
5mm Allen key
2 No.13 mm ring/open ended spanners
Wire trimmers
Phillips screwdriver (small)
3mm Spade end screwdriver

INSTALLATION

- To ease installation, it is recommended that the sign body of an Invinca is removed from the back-door assembly prior to installing the unit. To do this open the unit by undoing the M8 Tri-head screws and then, when hinged open, simply de-mount the body from the hinges by undoing the 2 x M8 button head screws using a 5mm Allen key.
- Assuming that the mounting post has already been drilled, deburred and surface protected, feed the supply cable through the supply post and into the back of the VARI-FIX back door through the cable entry grommet.
- Select the appropriate U-Bolt fixing set for the mounting post diameter. U-Bolt kits are available for 76, 89 and 114mm posts as are Back-to-back mounting kits. Where the post size does not suit the U-Bolt system a banding cleat kit is available.

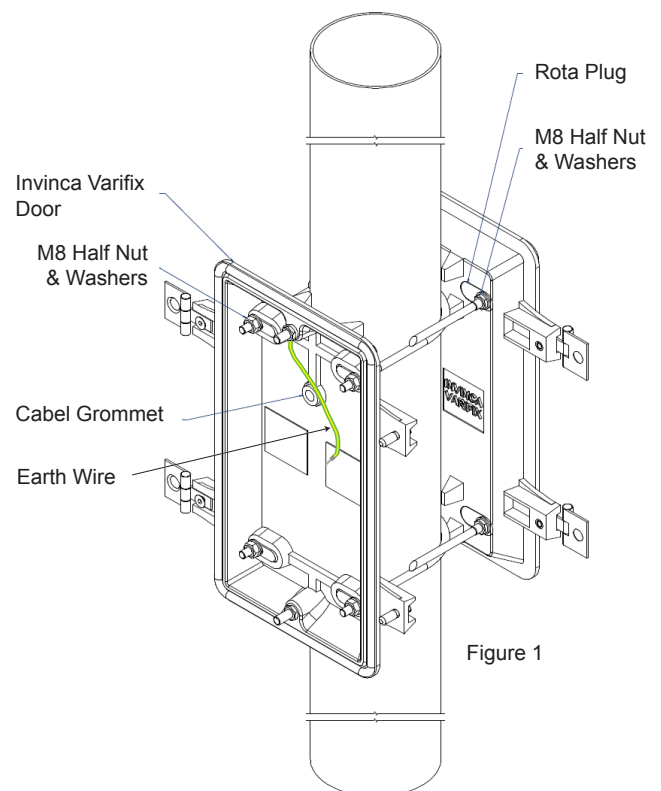


VARI-FIX installation

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INSTALLATION

4. Offer the VARI-FIX back door to the post so that cable entry grommet aligns with the post cable hole.
5. Take one of the U-Bolts and pass it around the mounting post and penetrate the two projecting ROTA-PLUGS into the slotted rebates in the VARI-FIX back door.
6. Retain the U-Bolts with the 2 no.M8 washers and full nuts.
7. To achieve the correct assembly of the VARI-FIX U-Bolt system, slacken the 2 no. half nuts and evenly tighten the 2 no. M8 full nuts until the 4 raised lugs on the VARI-FIX door firmly engage with the post diameter.
8. When secure, retighten the 2 no. M8 half nuts, which will automatically push the ROTA-PLUGS into the slotted VARI-FIX holes to form a weather-proof seal.
9. Repeat procedure for other U-Bolt assembly.
10. Wire the mains cable to plug socket on gear tray.
L – Line
E – Earth
N – Neutral
Note: The spade terminal from the earth cable should be wired into the same terminal as the earth end of the supply cable.
11. Fit the cable restraint clamp and terminal cover.
12. Test lighting unit operates.
13. Finally replace body onto the hinges and after securely tightening the 2 No. M8 button head screws, close body onto the VARI-FIX door and securely tighten M8 Tri-head fixings.
14. For Back-to-back INVINCA Installations the second sign is attached to the secondary studs in much the same way as above.



Back to back installation

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