

# SIMMONSIGNS "INVINCA" INTERNALLY ILLUMINATED SIGN SYSTEM

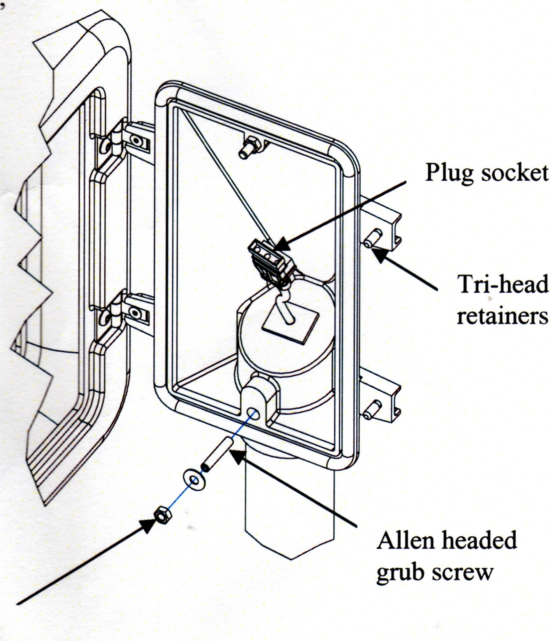
## ASSEMBLY / INSTALLATION INSTRUCTIONS

The Invinca sign system can be fitted to any post diameter in its standard back mounted version which now carries the Vari-fix detail for fixed diameter u-bolt fixing and universal fixing using the Vari-fix banding cleat set. The Invinca Vari-fix can also be back to back fixed using the appropriate diameter (length back to back stud fixing sets). Just specify diameter of post for appropriate fixing stud set.

For low mounted installations or where the client prefers a post top mounted sign, the Invinca can be ordered with the one piece cast 76mm post top door assembly which provides a streamlined, neat, very robust fixing.

### Tools Required:

- M8 Tri-Head Key**
- 4 mm Allen Key**
- 5 mm Allen Key**
- 13 mm Socket and Ratchet or Open Ring Spanner**
- 3 mm Spade End Screwdriver**
- Phillips Screwdriver (small)**



1.a) For back mounting applications simply order in the appropriate diameter Vari-fix u-bolt set available in 76mm, 89mm and 114mm diameters.

b) If the diameter of the mounting is larger than 114.00 mm or of uneven section then an Invinca Vari-fix banding cleat set will be needed.

c) For specific fitting recommendations for Vari-fix u-bolts and banding cleats see appropriate instruction leaflet.

2. To post top fix an Invinca to a 76 mm diameter post use the Invinca post top door bracket.

a) With the Invinca opened using the Tri-head key and the geartray removed using the 13 mm socket or spanner, present the post top door bracket to the mounting post and pass the supply cable through the pre-pierced cable gasket.

b) Next sleeve the bracket over the mounting post.

c) Slacken off the lower secondary M8 full nut on the inside of the post top bracket along with the allen headed grub screw.

d) Seat the post top firmly down until it bottoms out on the top of the mounting post.

e) With the sign orientated in the required position firmly tighten up the allen headed grub screw to prevent bracket rotation and finally lock up the M8 stainless steel nut.

f) To terminate the supply cable dismantle the plug socket attached to the geartray and connect the conductors in the appropriate terminals on the plug socket.

Note: L = Line or Live  
E = Earth  
N = Neutral

Fit cable restraint clamp and lastly fit plug cover.

g) Finally replace and plug in geartray, retaining it with 2 No. M8 shouldered nylon nuts. Test lighting unit operates.

h) Close body back onto door and firmly tighten Tri-head retainers to compress door seal.