

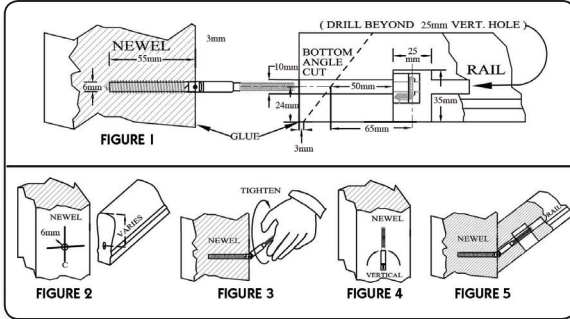
IMPORTANT NOTICE!

Always start with the bottom joint first.

Instructions - Bottom Joint



QT11.550

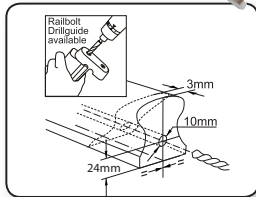


- 12 Ensure that the bolt ends in the vertical position (fig 4).
- 13 Slide rail on to bolt and "DRY FIT" if adjustment is needed recut to correct angle.(fig 5)
- 14 If using the QT11.550 in conjunction with ANGLE SLIPFIX do not move to step 15 until the Angle Slipfix (Top Joint) is ready for gluing and tensioning. (fig 5)
- 15 When correct angle has been established, glue, tension gear housing by a 5mm hex driver bit.

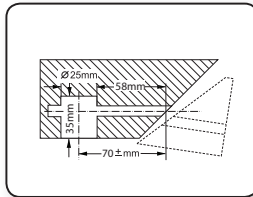
Top Joint



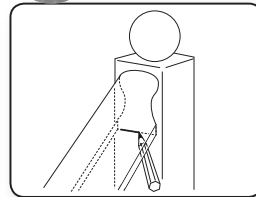
QT13.900



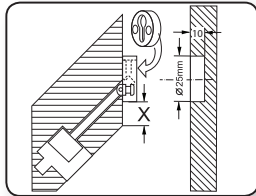
- 1 Cut hand rail 90° SQUARE. Mark the angle on handrail 3mm in from the end of the 90° cut. Mark the centre line on the underside of the hand rail. Bring the centre line to the face on the handrail. Measure 24mm up the face of the handrail following the centre line (INCLUDING INFILL STRIP).



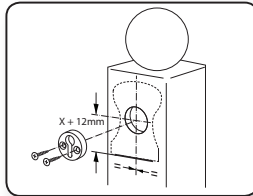
- 2 Down the side of the handrail measure 70mm from the centre of the 10mm hole. Mark that measurement on the underside of the hand rail. Use the centreline to form a cross, which will be the centre point for the 25mm gear housing. Bore a 25mm hole 35mm deep (INCLUDING INFILL STRIP) for the gear housing. Then bore 10mm hole, 90mm long, 24mm up from the base of handrail as previously marked. Cut handrail to the correct length and angle.



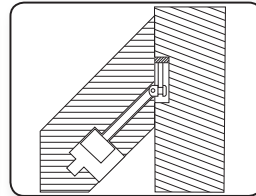
- 3 Mark the height on the newel post where the handrail is to finish. Offer up the handrail to height marking and draw a line on the underside of the handrail.



- 4 Insert the Slipfix shall down the 10mm hole. Attach the metal gear housing and tension until the knuckle is protruding. Take the keyhole plate and slide over the protruding shaft. Tighten fully until keyhole plate is tight against handrail as shown. On the handrail, draw a line under keyhole plate. From that line, measure to the underside of the handrail. **This is measurement X (Very Important)**



- 5 Add 12mm to measurement X. This is the centre point for the keyhole plate. From the bottom line on the newel post mark measurement X plus 12mm on the centre line. Bore a 25mm hole 10mm deep for keyhole plate. **This is important that it is 10mm.**



- 6 Screw the keyhole plate on the newel post. Make sure it is central. Tension gear housing so that knuckle is protruding 13mm from face of rail. Ensure knuckle is at 90° to the keyhole plate. Slide handrail into position ensuring that the knuckle remains at 90°. Glue and tension fully.

Making your life easier!