



tuned to you

Sub BT QRG

(See also Thalia P QRG)

Quick reference guides are not a replacement for the supplied instructions, they are supplementary

Read and understand the installer warnings in the main instruction document first

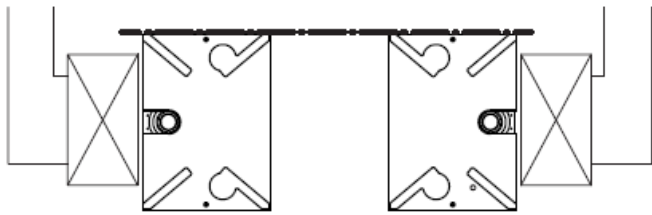
Always apply good, safe, state of the art engineering and electrical installation principles

Safety of the completed installation is the ultimate responsibility of the installer

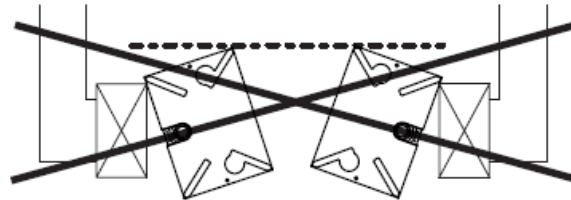
This product is not suitable for DIY use and should only be installed and maintained by a trained, skilled, professional installer



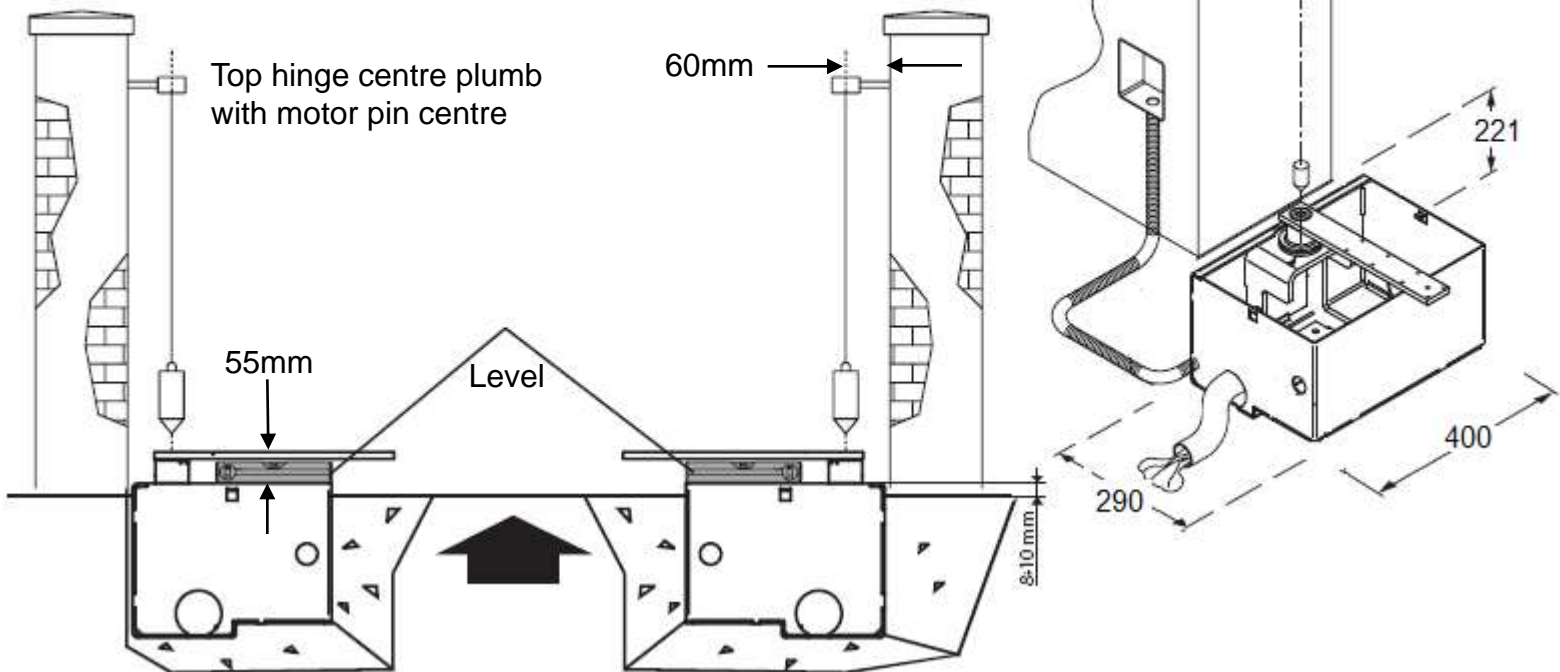
Foundation Box



Correct

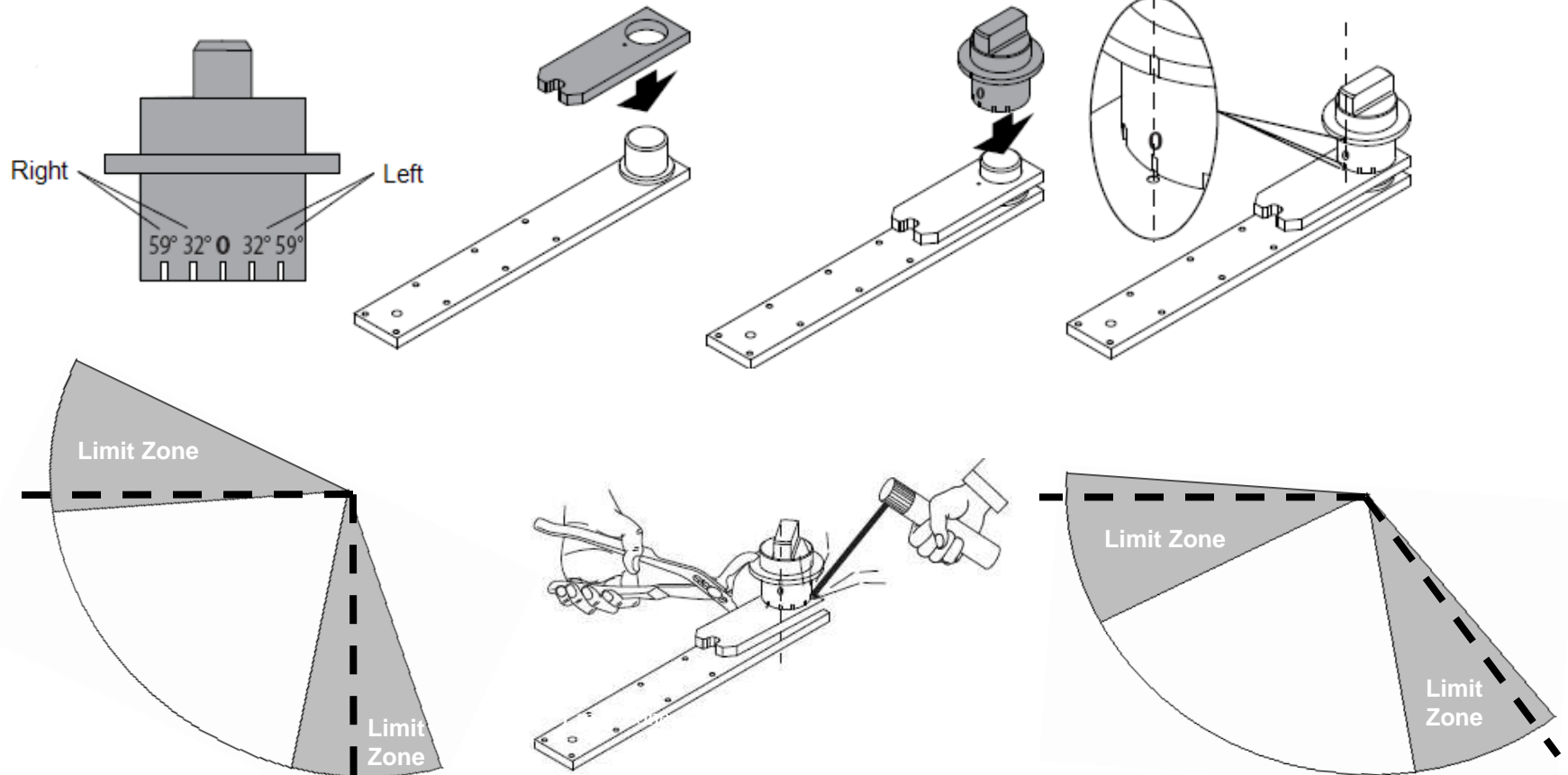


Incorrect



Drainage must be provided such that the case will not hold ground water for longer than 30min. In line with the motor IP67 rating

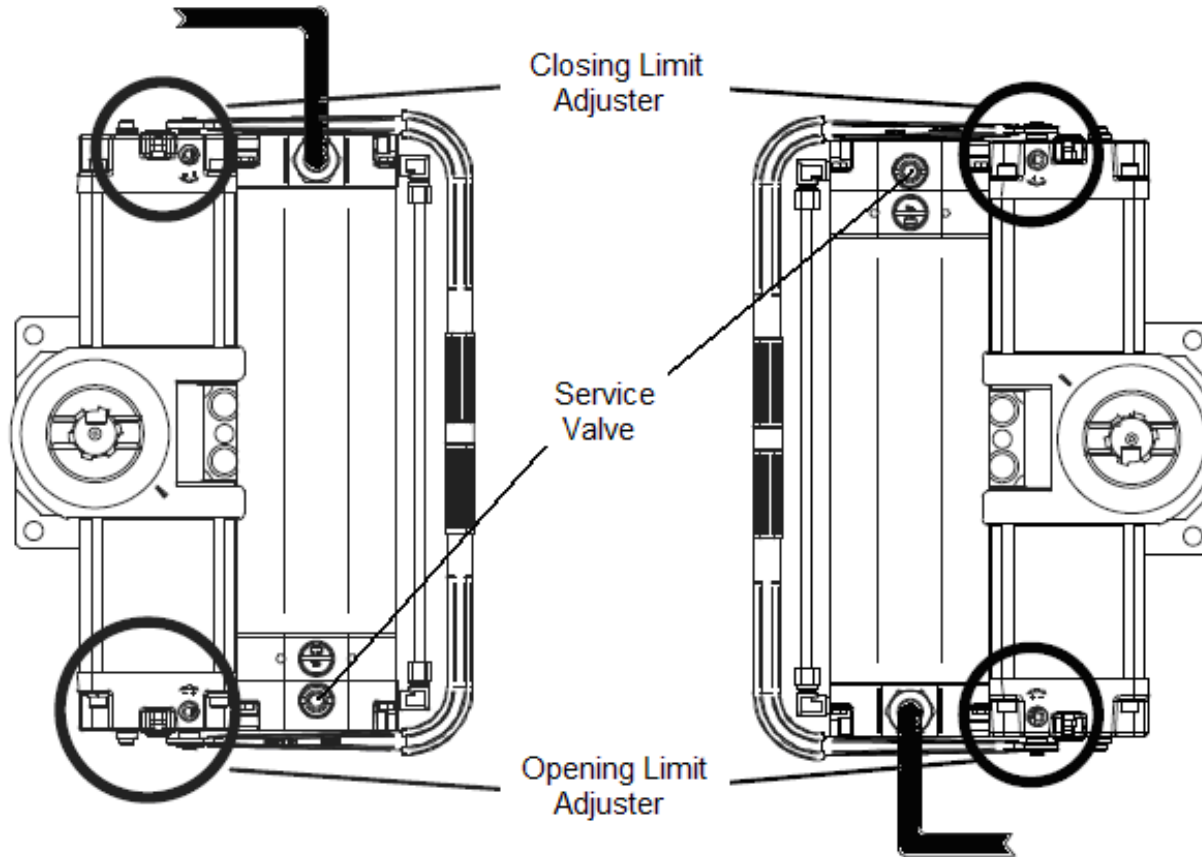
Drive Arms & Limit Zones



Aligning the 32° mark will enable using 88° - 93° within the limit zone

Aligning the 59° mark will allow use of 93° - 120° within the limit zone

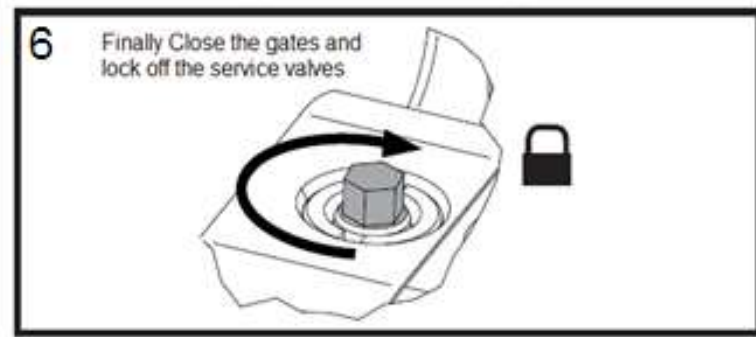
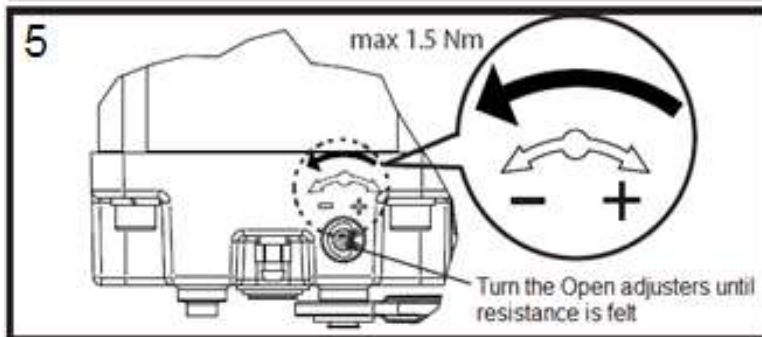
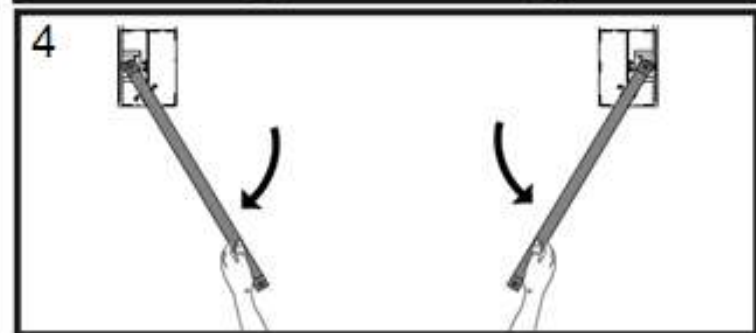
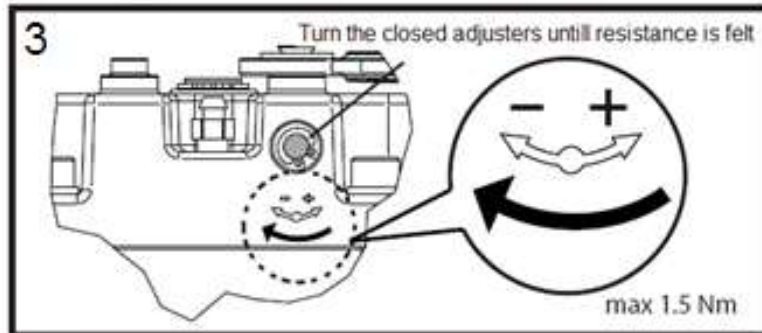
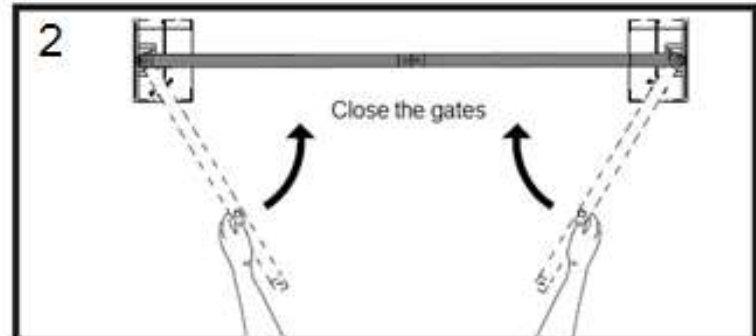
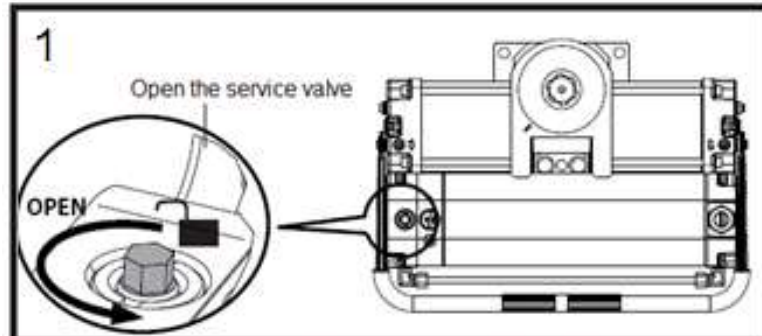
Limit Switch/Stop



Limit adjusters require a 3mm hex key. The full movement range = 32° or 139 turns

An electric screwdriver may be utilized provided torque is limited to 1.5Nm

Limit Setting



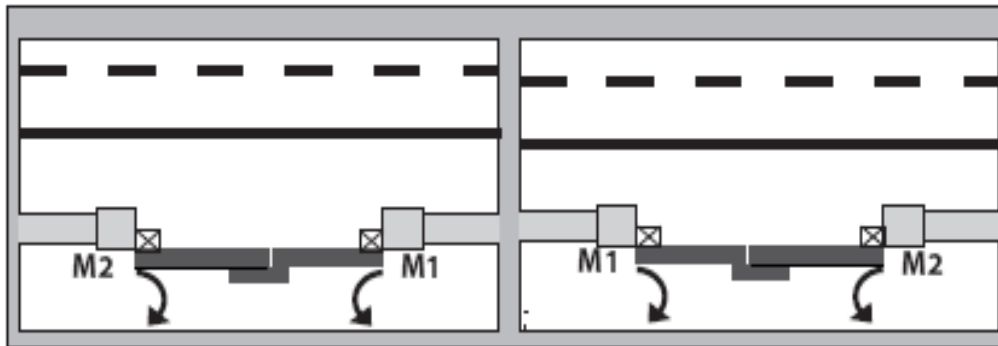
Motor Connections

Wire in the motors – extend the cables with cable of a suitable quality for external environments in line with BS7671
(using junction boxes outside of the foundation cases)

1.5mm² for runs up to 10m

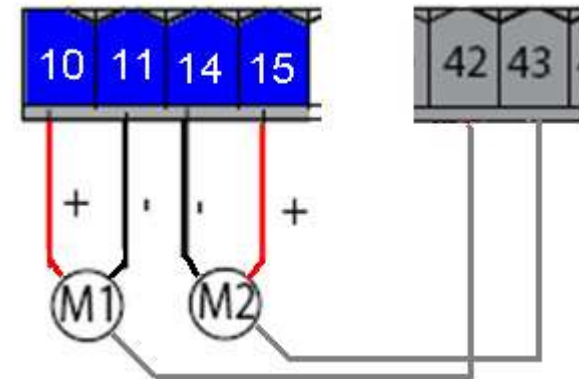
2.5mm² for runs up to 20m

Motor 1 will be the first to open and the last to close.



1st to open on the right
select INT direction

1st to open on the left
select EXT direction



Method

Fit the foundation box's and motors

Set and weld the drive arms

Set the limits

Run the quick menu –

Choose External if the 1st to open is left or Internal if 1st to open is right

Fit accessories one at a time and test each before moving on

MD Compliance notes;

Adjust the close delay to give 700mm min. between M2 and M1 at closing

Adjust closing slow distance to give 700mm of slow down

Measure force/time at 500mm distance on the lower edge

Increase close force & slow speed to just below the limit

Run a full set of tests