



Ravensden Combination Gate Installation Guide

Installation procedure

- The Ravensden combination gate is supplied as a complete unit comprising of the self-closing gate and its integral adapted 'h' frame designed to be used in conjunction with a metal field gate.
- The positioning of the gate is usually determined by the position of an existing gate or gap. The 'h' frame and gate posts must not be used as a straining post for the adjacent fencing. Following factors must be considered:
- the exact line of the path
- the desirability of level ground through the gate
- the avoidance of any damp/marshy ground
- the position of overhanging branches and exposed roots
- the requirement of clear space either side of the gate to all users including families with pushchairs and disabled ramblers in mobility vehicles – all users require room to manoeuvre

Install as follows:

- Self-closing gate part;
- 2 holes to be dug – centers @ 1720mm, to a minimum depth of 730mm
- 1 trench to be dug between the holes approx 230mm below surface
- install the gate and frame ensuring that the cross bar of the frame is level and the hanging post is vertically aligned from all sides using a level to ensure accuracy – failure to do this could prevent the gate from self-closing
- anchor the gate posts using concrete to avoid movement from future usage
- backfill holes and trench using hardcore or similar heavy grade material
- unbolt and remove the long handle from the gate and insert back through the top guide, place the hook on the inside of the sprung handle washer and bolt back through to the bolt hole on the 4th rail
- adjust the nuts on the gate eye hinge to ensure a steady smooth self-closure from the widest opening point

Field gate part;

- install the field gate directly in line with the self-closing gate
- install the hanging post so that there is an approximate gap of 20mm between the self-closing gate slamming stile and field gate slamming stile
- drill 2 holes in the field gate slamming stile for the auto-catches in line with the sprung slide bolt on the bridle gate (no slide bolt/striker is required on the field gate) and loosely fit the auto-catches but do not shear the security nuts at this stage
- fix the lockable drop bolt onto the field gate rails using the bolts provided (drill holes first)
- adjust the auto-catches on the field gate slamming stile so that the sprung slide bolt enters the auto-catches' mouth at the highest possible point – this allows for slight drooping of the gate, finally tighten the bolts and shear all security nuts
- The final result should be a pair of gates hung with the field gate locked for authorised users only and the self-closing gate opening both ways for public access.
- Always ensure that the hanging posts are vertically aligned and are left clear to prevent misalignment. It is very important that the posts are not used for fence posts etc., these must be installed alongside the gate posts.
- Installer must carry out necessary Risk Assessments and comply with current Health & Safety legislation; this includes the use of required tools and machinery and the relevant PPE.
- Any questions or queries should be directed to Secure-a-Field using the contact details below.

