

# BattLatch Retractable Roller Gate kit for horses Instruction manual



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# Setting up and maintaining Retractable Gate and BattLatch for horses.

## Retractable Gate

The Retractable Gate is a 3<sup>rd</sup> party item which has been modified for use with the BattLatch retractable gate kit for horses. Modifications to the retractable gate have been made. These include the addition of a tennis ball to absorb impact forces from the gate handle as it retracts to the canister when released by the BattLatch.



The Retractable Gate has a range of **3 meters only**.

The unit has been restricted to this length for use with the BattLatch retractable gate kit for horses.

This is so the unit can reliably and safely retract back into the canister housing completely when released by the Battlatch.

Restricting the range to 3 metres present no problem, even if there are several horses to walk through since horses will always go through such an opening in the order of their pack hierarchy.

You can permanently mount the Retractable Gate to a post on one side of a gateway utilising the frame and bolts supplied with the Retractable Gate kit.

Used the small bolts and nuts to attach the flat side of the steel frame supplied to the four attachment points on the canister.

The other end of the steel frame is concavely curved along the long axis. You will find this will allow the frame to mount vertically to a rounded wooden post thereby presenting the canister of the Retractable Gate in the correct horizontal plane. There are screw-in bolts supplied for this purpose

You might find a battery powered drill that can fit a socket suited to the bolt very handy for that if doing in the field.

You will need to align the canister so that where the polyrope comes out of the retractable gate's opening is in a direct line with the direction it pulls out to the Battlatch. - so it retracts easily without hitting the sides of the opening too much.

If you are faced with a temporary fencing situation, consider using a cut down half post for mounting the Retractable Gate canister onto and then strap that half post and mounted canister to a star-picket. Good sized cable ties might be a suitable means of strapping the post assembly to the star-picket.

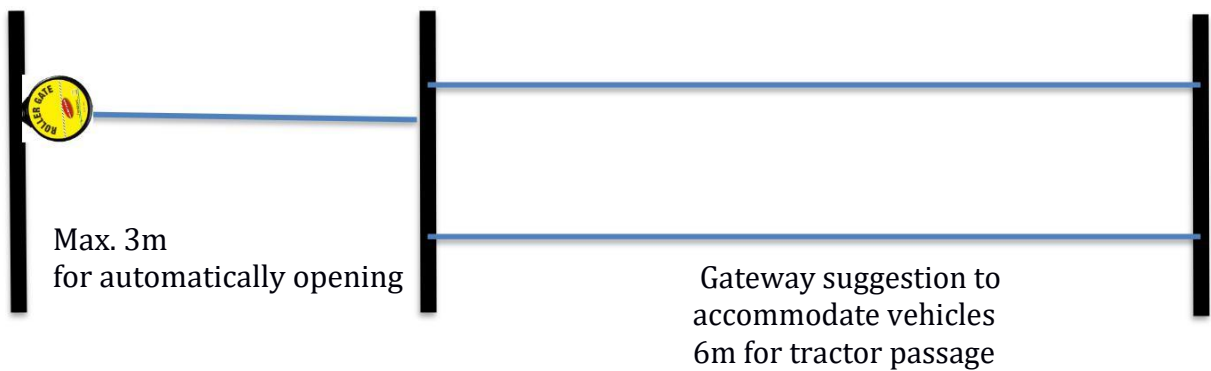
The Retractable Gate comes standard with several electric fence attachment fittings that you probably won't need for this application. You will no doubt be able to put them to good use elsewhere.



The Retractable Gate is mounted horizontally on one side of the gate opening and the Batt - Latch on the other side.

An insulated red wire is supplied with the Retractable Gate kit.

This is used to supply electric fence power from a hot wire to the Retractable Gate via the underside central bolt and wing nut assembly on the Retractable Gate casing. You will find a suitable means of attaching the red wire to 'hot' wire from the fittings supplied.



### **Mounting height for horses**

It is not necessary to have more than one electrified rope across a gateway for horses. The height you set the Retractable Gate's electrified rope will depend partly on the horse's size but it must be at a height where the horses will not be tempted to crawl under the electrified rope or want to jump over it.

For small horses / ponies a height of 70-80 cm. above ground is suggested. For larger horses 100 to 120 cm. above ground is suggested.



An electric - fence is not a physical barrier but a mental one. If a horse has got a bib muzzle they'll stay away until the fence rolls up automatically.

### **Maintenance**

It is recommended to lubricate the spring of the Retractable Gate's mechanism regularly. This can be done by pulling the rope out as far as possible then spraying oil through the opening for the rope in towards the centre and centre sides of Retractable Gate case. Something like WD - 40 or Innox MX3 lubricant is ideal.

The Retractable Gate's electrified rope can be lubricated with a silicone-based spray or grease.