

Installation and assembly instructions.

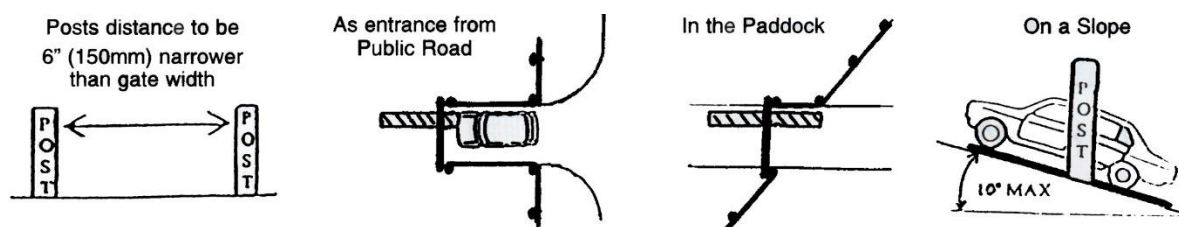
For the Deluxe and Industry OzAutogate
Your gate has been tested and is ready to be positioned on site!

Site Preparation

Prepare site to your requirements keeping in mind that the main frame assembly has to be level and plumb.

The ramps can follow the slope of the driveway (up to 10° Slope), making sure there is no space between the ramps and the ground when in use.

If the entrance is on a slope or used by heavy vehicles we recommend that the ramps lay on concrete and the main frame assembly is anchored by masonry bolts.

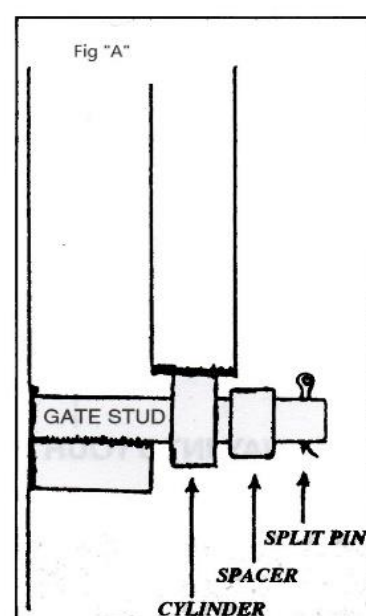
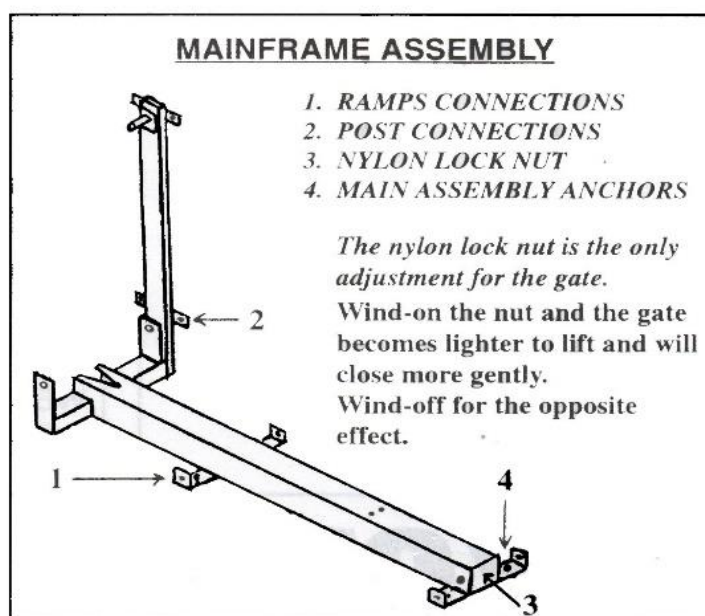
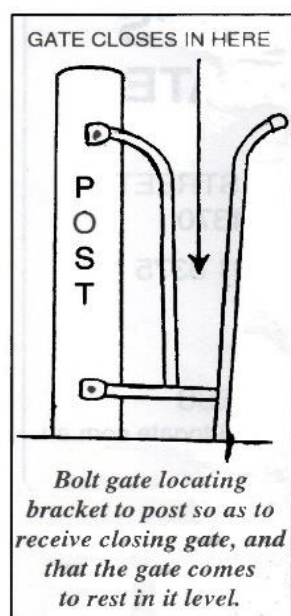


Autogate is installed so that the vehicle approaches the gate at right angle *from both sides*, and that the ramps lie on your property.

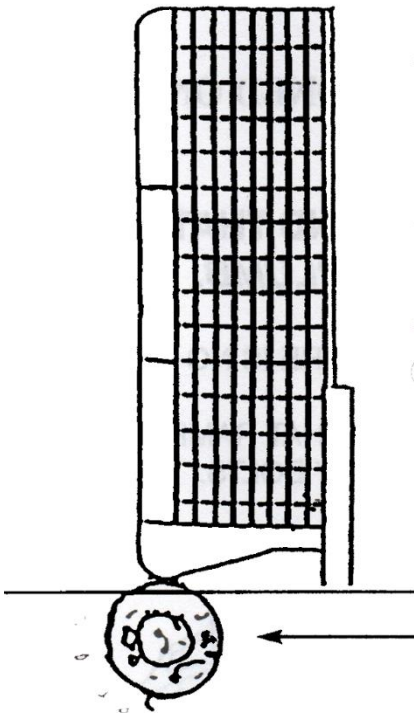
1. Place the OzAutogate in position and fit the gate extension piece over dowels and bolt together.
Do not cut the wire holding the gate closed until this is done.
2. Place gate main frame close to the post so that the post connections line up with the post.
3. Cut wire holding the gate and fit Ramps to the main frame assembly and bolt tight.
4. Ensure that the ramps are on a natural driving direction then bolt the main frame assembly to the post and anchor to concrete with masonry bolts.
5. Cut and remove the wires at the top of the hydraulic ram. Fit the hydraulic ram (see fig A) and secure with the split pin provided (Note the ram is vented to the atmosphere and will leak if not kept upright).

The gate is now ready for onsite testing.

Stand close to the end of the gate and lift it 1 meter off the ground and drop, if the gate does not fully close and is not jamming on anything, lift the gate fully open and adjust the nylon lock nut in the main frame assembly anti clockwise ½ turn. Repeat the above until the gate closes completely. .



For years of trouble free service take special care of this last but not least installation requirement.



Heavy vehicles driven onto the ramp with speed will cause the gate to fly open.

To prevent shock to the gate assembly, and eventual damage, a rubber bump stop needs to be placed under the curve of the gate shown in this image (an old car tyre works a treat).

The gate has to push on the bump stop for the last 50-75mm of its opening cycle.

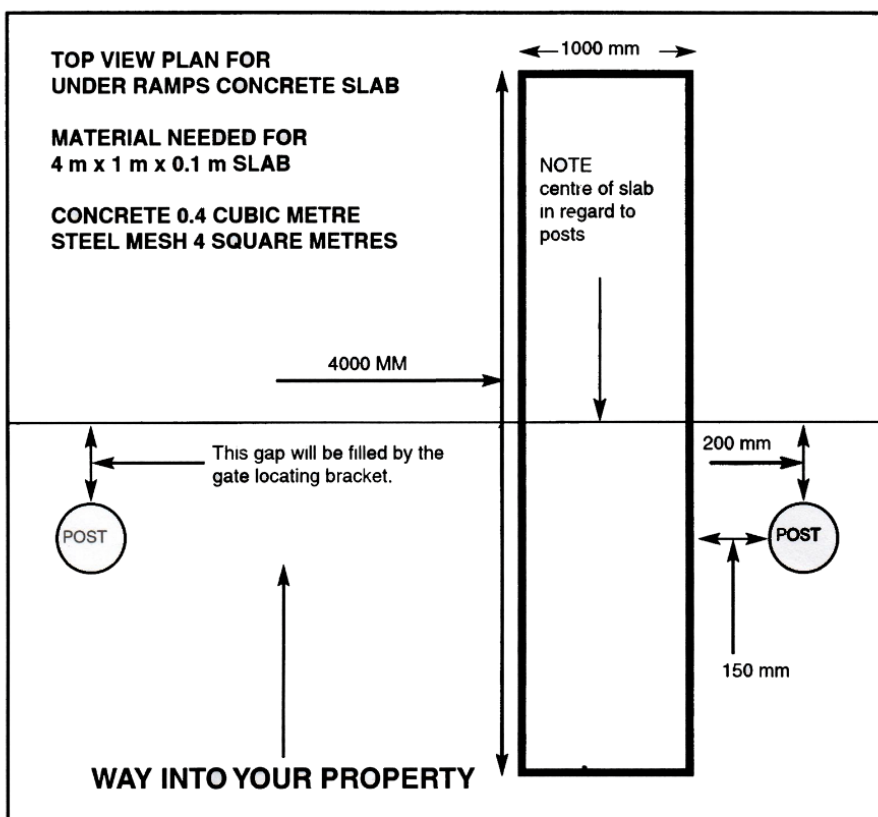
Ground Level

Car Tyre under the ground

Each Site is different so this shock preventative measure has to be adapted to fit your site.

Does OzAutogate need maintenance?

Yes ... but how much maintenance depends on the environment it operates in. In a normal situation, removing the build-up of gravel from under the ramps when needed is sufficient to give you years of trouble free service.



AUTOGATE

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ENJOY YOUR GATE