

INSTALLATION INSTRUCTIONS FOR THE MONO HINGE SELF CLOSING GATE MODEL 38L(LEFT)/ R(RIGHT) 1000mm & 1200mm High

GATE OPENING

IT IS RECOMMENDED THAT THE GATES OPEN OUT OF THE PLAY AREA for the following reasons:

1. To allow children fast exit from the play area if they are being pursued.
2. To avoid the risk of collision with children already within the play area.
3. To slow children entering the play area.
4. To avoid dogs pushing the gate open.

INSTALLATION

Excavate a trench which is suitable to your requirements. See our drawing 'A-10000/2' showing our suggestions.

Position the gate in the excavation, vertical in both planes, ensuring correct alignment with the adjacent fencing. Concrete in position, **USING A STRONG WET MIX (standard prescribed mix ST5 to BSEN8500)** & accelerator if required. Finish off top surface as required to ground level marker.

IMPORTANT POINTS TO OBSERVE

1. The distance between the hinge post and the adjacent fencing must be greater than 30mm and less than 80mm. The maximum gap between the gate and adjacent fencing is 87mm.
2. The distance between the bottom of the gate leaf and ground level should be 80mm (- 10mm) throughout the area of swing, as indicated by the ground level marker.
3. The gate leaf must be clear of obstruction throughout its swinging area and maintain a clearance of at least 30mm from adjacent fencing or other objects.

The gate unit is ready for service immediately.

INSPECTION

Inspection must be as per programme for play equipment and shall include:

- Security and condition of post caps.
- Security and condition of bottom bearing.

Overall condition of fabrication, checking for:

- Sharp surfaces.
- Damaged or bent components.
- Operation of gate.

Distance from adjacent fencing and obstructions.

- Stability and security of gate unit.

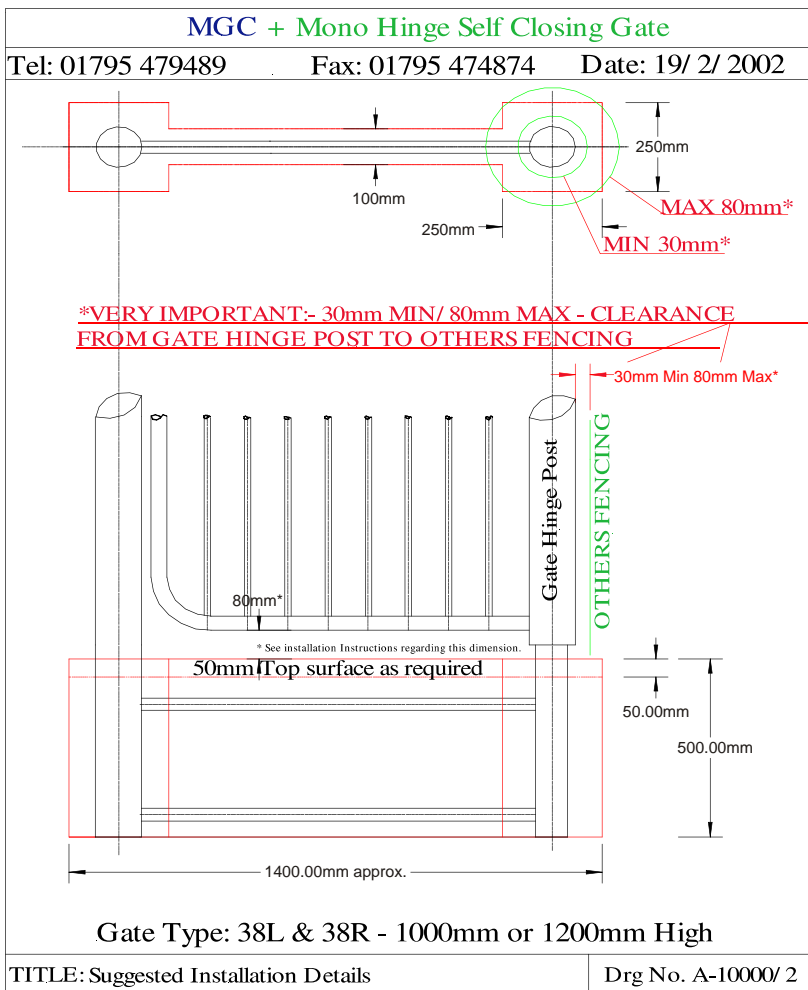
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MAINTENANCE INSTRUCTIONS FOR THE MONO HINGE SELF CLOSING GATE

Speed adjustment

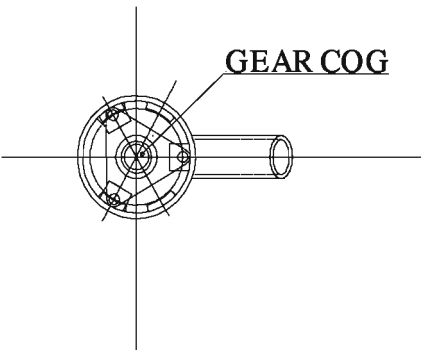
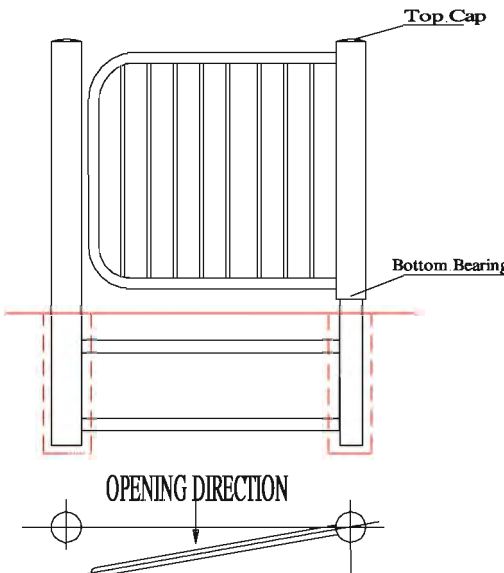
Remove top cap of hinge post (4 tamper resistant screws to be removed) by gently knocking cap with hide mallet, or similar, and refer to sketch enclosed for speed adjustment. **NB do not undo fully clockwise as this will cause hydraulic leakage and the gate damping will cease to function! which would be chargeable** . Reassemble in reverse.

General Maintenance

With the top cap removed introduce a small amount of oil on the three pins that support the hinge post (This will ensure that the gate operator can be removed easily if required).

Hinge Post Bottom Bearing, situated at the bottom of the hinge post. This bearing requires greasing at regular intervals. To grease bottom bearing, **one at a time**, remove the tamper resistant screws and inject grease into the threaded opening. Replace the screw and tighten. Repeat on the other 3 tamper resistant screws one at a time.

The security bit to remove the screws is available at any good security hardware store.

MGC + Mono Hinge Self Closing Gate			MGC + Mono Hinge Self Closing Gate		
Tel: 01795 479489 Fax: 01795 474874 Date: 1/10/2001			Tel: 01795 479489 Fax: 01795 474874 Date: 1/10/2001		
<div><h3><u>GATE SPEED ADJUSTMENT</u></h3><p>GEAR COG: TURN CLOCKWISE TO DECREASE GATE SPEED TURN ANTI-CLOCKWISE TO INCREASE GATE SPEED <u>NB do not undo fully clockwise as this will cause hydraulic leakage and the gate damping will cease to function!</u></p><p>GATE VIEWED FROM TOP WITH TOP CAP REMOVED</p></div>			<div><p>Left Hand Gate 1000mm High Type:- 38L/ 1000</p></div>		
TITLE: Gate Speed Adjustment		Drq No. A-10002/ 1	TITLE: Gate Leaf Removal & Reassembly		Drq No. 38LA1000/ 1

GATE LEAF REMOVAL AND REASSEMBLY INSTRUCTIONS FOR THE MONO HINGE SELF CLOSING GATE

Tools Required: Security Screw Driver, Hide Mallet, Small Allen Key and Optional M5 Tap & Tap wrench.

Determine the type of security screws used to secure the top cap and bottom bearing. Either security Allen or Star head types.

Remove the **'top cap'** by removing the 4 security screws (Note which way the cap head is orientated to the gate for easy refitting) and gently, with a hide mallet, knock the cap upwards until free.

Remove the **'bottom bearing'** by removing the 4 security screws and then gently rock the gate leaf until the bottom bearing drops down.

The gate leaf is now ready for removal. Lift the gate leaf until the 3 drive pins on the gate actuator are free (If the actuator casing lifts tap the triangular web until free). Turn the gate leaf so that the welded stops clear the actuator and remove.

Remove the actuator by lifting out from the top of the internal post* and replacing with the service exchange.

The exchange actuator has to be set at a standstill about 10 degree's in the opening swing of the gate leaf to allow the gate leaf to be reassembled without interference to the actuator or stops. To set the gate actuator to a standstill adjust the speed adjustment cog clockwise until the mechanism when turned by hand is at a standstill (This has to be done by trial and error taking care not to remove the cog completely).

Grease the area around the internal post where the **'bottom bearing'** comes into contact with its stop bolt.

Refit the gate leaf in the reverse of the removal and when engaged with the three pins refit the bottom bearing. Align the tapped holes with the post holes and push the **'bottom bearing'** up into the post (A small allen key helps to align the holes in the post with the bearing) replace the 4 security screws which retain the bearing.

Adjust the speed adjustment cog anticlockwise until the gate closes at the desired speed.

Replace the **'top cap'** and secure with the 4 security screws.

* Should you be just changing the 'operator' remove the actuator outer sleeve by tapping end of actuator with hide mallet and remove actuator inner sleeve with operator attached. Remove 'operator' from inner sleeve by gently tapping with screwdriver at the keyed end ~~Not the adjustment end!~~ Replace with exchange unit and reassemble in reverse making sure that the thrust race is clean and greased.

INSTALLATION INSTRUCTIONS FOR THE MONO HINGE DOUBLE SELF CLOSING GATE MODELS 38/ 48DRML & 38/ 48DRL - 1000mm & 1200mm High

GATE OPENING

IT IS RECOMMENDED THAT THE GATES OPEN OUT OF THE PLAY AREA for the following reasons:

- 1. To allow children fast exit from the play area if they are being pursued.
- 2. To avoid the risk of collision with children already within the play area.
- 3. To slow children entering the play area.
- 4. To avoid dogs pushing the gate open.

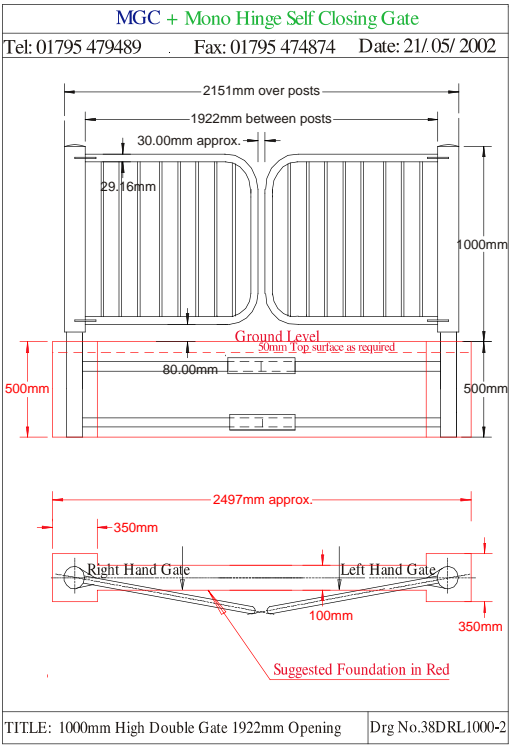
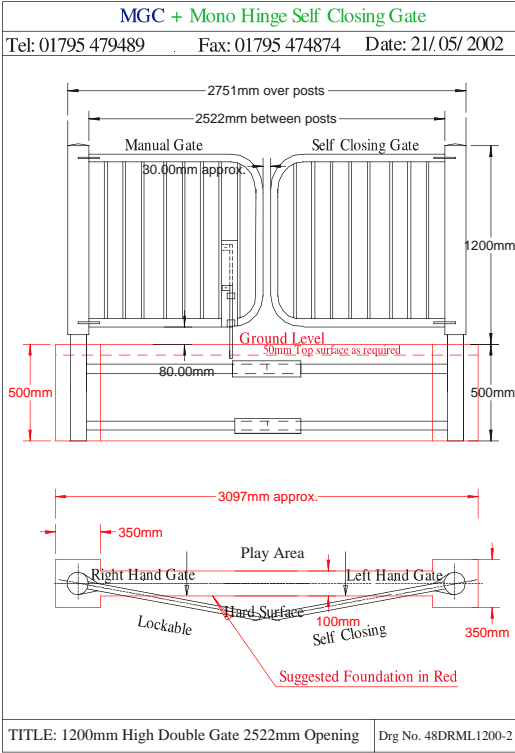
INSTALLATION

Excavate a trench, suggested sizes shown in red on respective gate drawings. Assemble and position both the gates in the excavation, ensuring correct alignment with the adjacent fencing. Adjust the gates in the collars on the transom bars so that the correct gap, between gates, is achieved when gate posts are vertical in both planes. Concrete in position, **USING A STRONG WET MIX (standard prescribed mix ST5 to BSEN8500)** & accelerator if required. Finish off top surface as required to ground level marker.

IMPORTANT POINTS TO OBSERVE - SEE SAME HEADING ON PAGE ONE

INSPECTION

As suggested on page one.



MEDWAY GATE CLOSER: MGC-1 FITTING INSTRUCTIONS TO GATE

PLEASE READ IN TOTAL BEFORE STARTING FITTING

NB. THIS CLOSER IS DESIGNED TO FIT BETWEEN PARALLEL IN LINE POSTS WITH A MINIMUM DIMENSION OF 70mm BETWEEN

Tools Required: Security Screw Wrench (either hex head or star), Large bladed Screwdriver, 2 x 6mm diameter x 200mm silver steel rods (for adjusting torsion only) and **'your fitting tools'** to 'secure top' and 'bottom bracket' to gate post and leaf

1. Check that the gate has a slam plate and is free moving.
2. Roughly position the closer assembly and note the position of the bottom bracket.
3. Pack the brackets if distance is greater than 70mm & attach bracket by bolting or welding.
4. Locate and attach top bracket ensuring the centre line matches that of bottom bracket.
5. Loosen screws and locate drive pins in top bracket.
6. Rotate tube to line holes up and to pretension the closer.

Speed adjustment: By rotating the cog wheel at the top end of the closer, inside the tube, will either increase or decrease the speed of operation. Clockwise to decrease & Anti-clockwise to increase. **NB do not undo fully clockwise as this will a) cause hydraulic leakage and the closer speed control will cease to function! & b) invalidates our guarantee.**

Torsion adjustment: By moving the internal spring retainer located on the side of the 'closer mechanism'. In the direction of the arrow increases the torsion in the opposite direction decreases the torsion. Insert 5mm Rod in hole and remove spring retainer lock pin and using second rod adjust at one hole at a time, to either increase or decrease the torsion then reinsert spring retainer lock pin.

CAUTION If the torsion disc is allowed to 'free wheel' the closer will cease to function.

