

Installation/Commissioning MB906 Torque Motor Drive Barrier Gate

****** WARNING **** WARNING ******

NEVER REMOVE ARM WHILE IN LOWERED POSITION.

If arm is removed and power disconnected while in lowered position, this will cause arm flange to spring open damaging the gearbox.

Mounting Barrier Gate

- Minimum concrete footing 400W x 400L x 500D.
- There are two anchor brackets for bolting down the cabinet, fixing should be 4 x M12 x 150mm dyna bolts or equivalent.

Balancing Springs

- The MB906 Barrier Gate is tested in factory with mechanical springs and linkages to suit 6m arm length.
- The spring tensions are important to this unit and are designed to automatically raise the arm in the event of a power failure.
- If you need to shorten the boom arm, please ensure spring tension is slackened so arm will gently raise when power switched off. **Warning:** Keep hands clear of the linkages.

Fitting Arm

- Slide arm onto tube adaptor and fix with tek screw.

Control Board

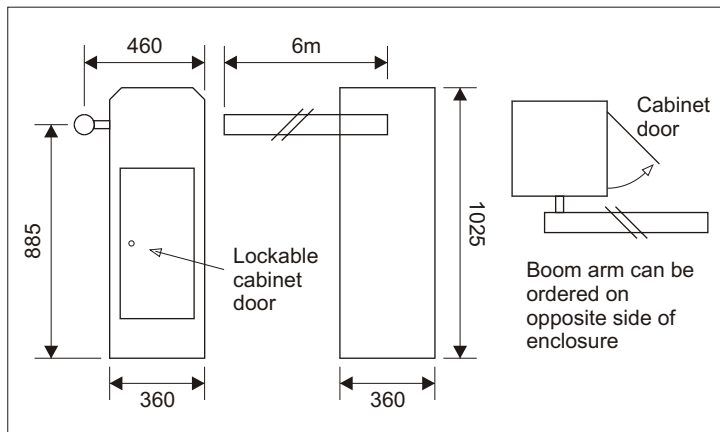
- Control board is factory set to operate in Mode 1, If adjustments to operating modes are needed please refer to the MB106 logic control manual.

Maintenance

To ensure correct long-term operation, carry out the following checks every six months.

- Check all safety devices used are operational.
- Check the earth connection.
- Check mounting bolts are tight.
- Check barrier arm gently raises when power turned off.
- Check balancing springs are in good condition.

Dimensions



Technical Specifications

Operating Voltage	240V AC +/- 10%
Motor Power	60W
Motor Type	TM124 Torque Motor
Output Shaft Speed	7RPM
Opening Time	3.5 sec
Boom Arm Size	6m long, 76mm diameter
Enclosure Material	Mild Steel

QUEENSLAND

Brisbane
(07) 3849 6666

Gold Coast
(07) 5596 4795

VICTORIA

Melbourne
(03) 9467 8555

NSW

Sydney
(02) 9699 9654

Wollongong
(02) 4256 4247

LIFTMASTER ELECTRONICS PTY LTD A.B.N. 58 000 266 035
 PO BOX 54 ALEXANDRIA NSW 1435 AUSTRALIA PH: 61 2 9699 9654 FX: 61 2 9699 8443
www.liftmaster.com.au salesdesk@liftmaster.com.au