



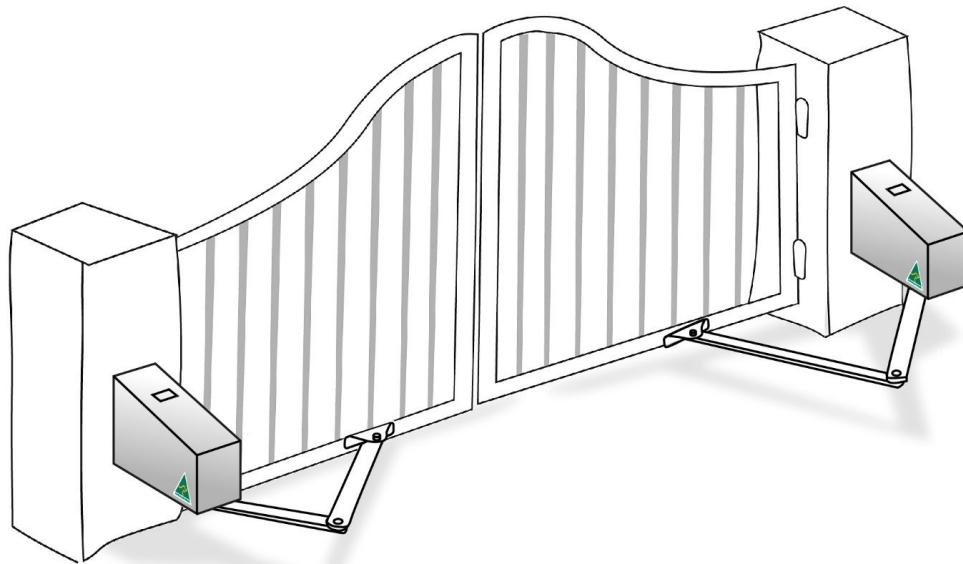
Model DSG 5 DC2

Double Swing Gate Motor Kit

Solar Powered and 12V Low Voltage

July 2019

Installation and Set Up Instructions



Unit 27 / 49 Corporate Boulevard Bayswater Vic 3153 Phone 1800 111 930
Email info@gforceautogates.com.au Web www.gforceautogates.com.au



DSG5 DC2 GATE MOTOR INSTALLATION AND SET UP INSTRUCTIONS



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Important Safety Warnings

Please read these important safety warnings before attempting to install or use this product.

Do not operate the gate motor unless the gates are in full view and free from objects such as cars and other obstructions.

Children must be supervised near the gates at all times, especially when the gate motor is in use.

Ensure that the obstruction sensing function of the gate motor is operational and adjusted as necessary.

Keep hands and any loose clothing well clear of the gate(s) and gate motor at all times.

Before attempting to service the gate motor or removing the cover, turn off and / or disconnect the power to the gate motor. If you are unable to do this, then we strongly recommend you call an electrician. **Care should be taken as there are moving components inside the gate motor that may cause damage or personal injury.**

Keep any gate controllers out of reach of children. Any wired or wireless controllers must be installed away from any moving parts, and it must be at a minimum height of 1.5m from the ground.

Regularly check that all safety features and safety accessories are fully functioning.

Warning:

Failure to comply with these safety warnings or installation instructions may result in serious personal injury and/or property damage.



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Installation Checklist

Read all instructions and data sheets before installing the gate motor kit. Failure to follow the instructions could void warranty.

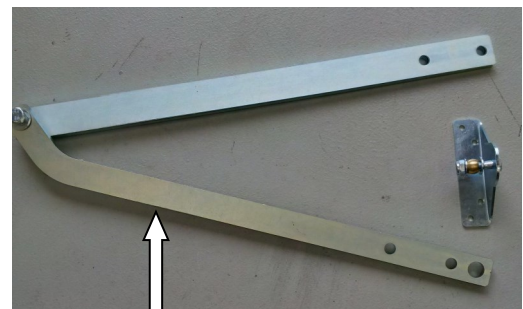
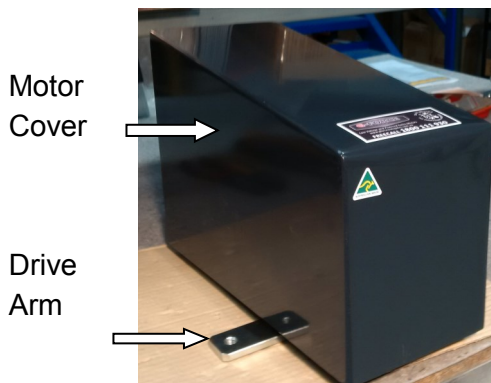
Ensure the gate is in good condition, opens and closes freely for its full length of travel and it does not hit or bind on the driveway or garden beds. Remove any wheels that are fitted to the gate.

Ensure the gate is correctly and securely mounted to the post which is firm in the ground.

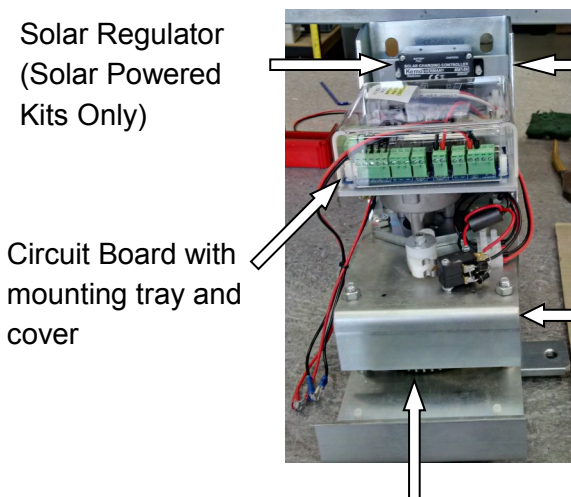
Generally, the gate motor requires about 400mm to 500mm side clearance from the gate hinge to allow the arms to rotate around during the opening of the gate.

We recommend 1.5mm twin active lighting cable for power supply wiring and 1mm figure 8 wire for wiring push buttons and other auxiliary items.

Place the gate motors on a suitable work bench. Unpack the motors and remove the metal motor cover. Visually inspect the motor to ensure nothing has moved during transit. Refer to the "DC 2 Circuit Board" data sheet included with this manual and familiarise yourself with the layout and location of the items and wiring terminals.

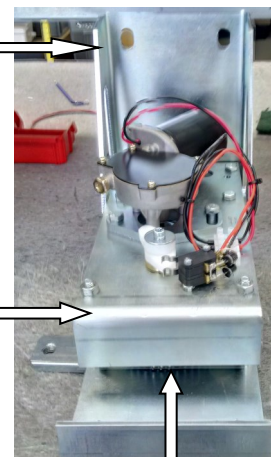


Safety Swing Arm assembly with Standard Gate Bracket



Motor Mounting Cradle

Drive Assembly



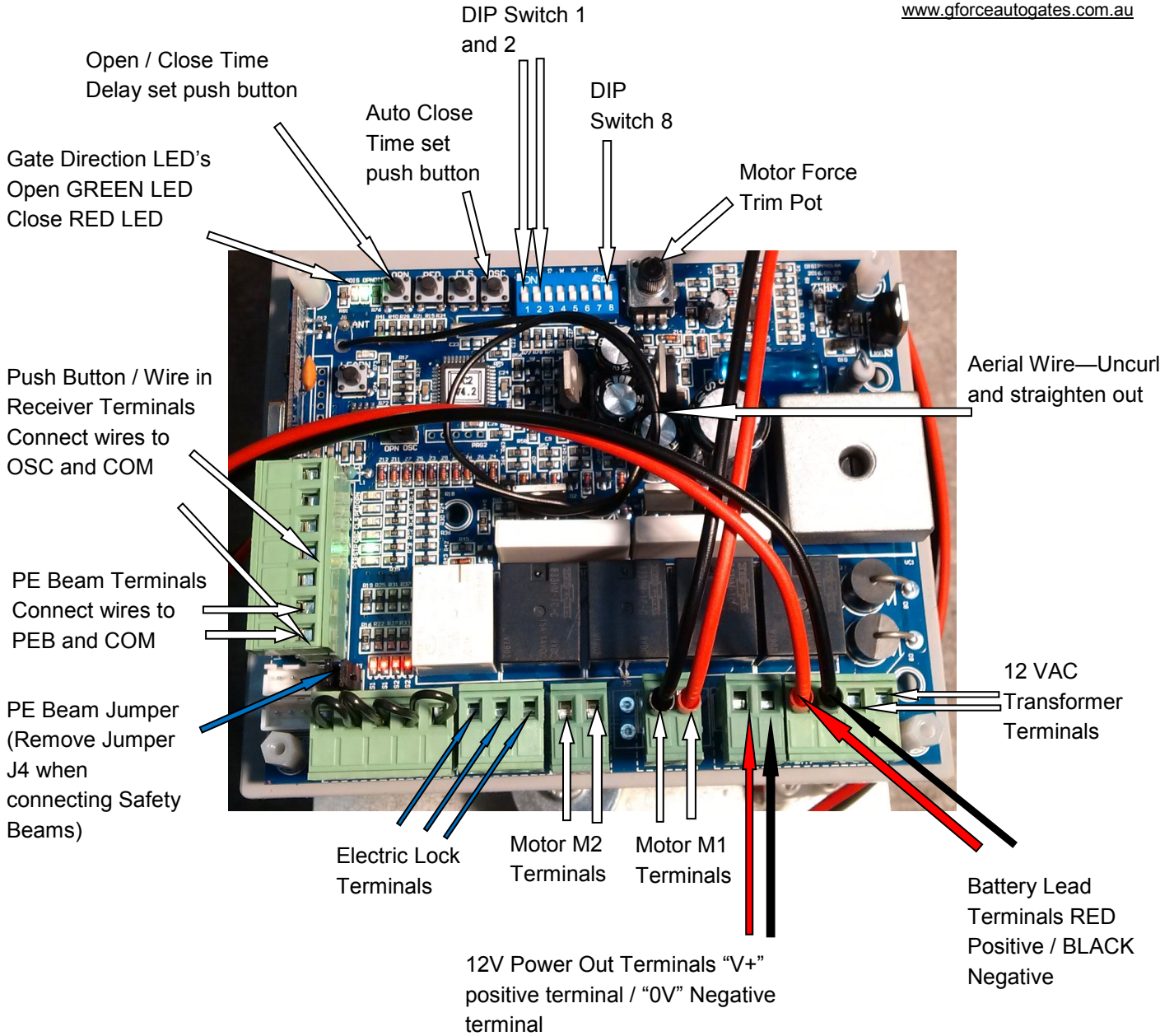


DC2 Circuit Board

Data Sheet



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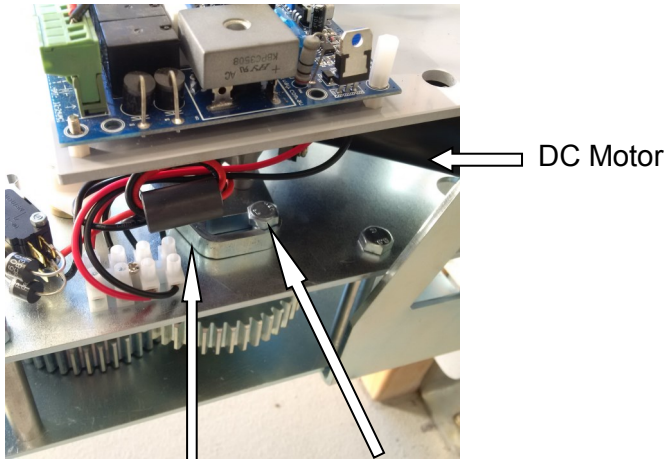
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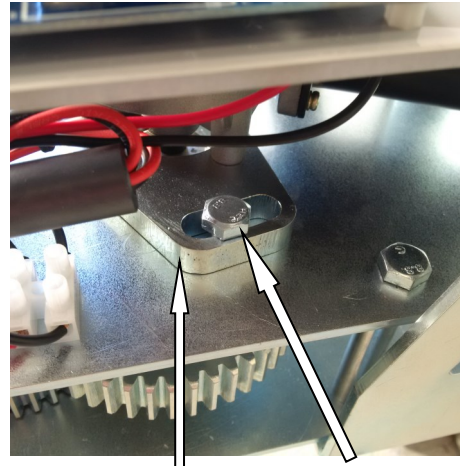
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Internal Manual Release



Internal Release
Plate **Engaged**

Internal Release
Bolt **Engaged**



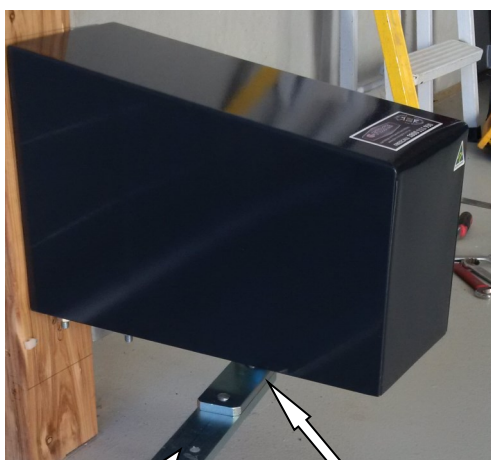
Internal Release
Plate **Disengaged**

Internal Release
Bolt **Disengaged**

Remove the motor cover. Use two 13 mm spanners to loosen the manual release nut and bolt. Push the DC motor away from the gears to disengage the motor and allow the gate drive arm to move by hand.

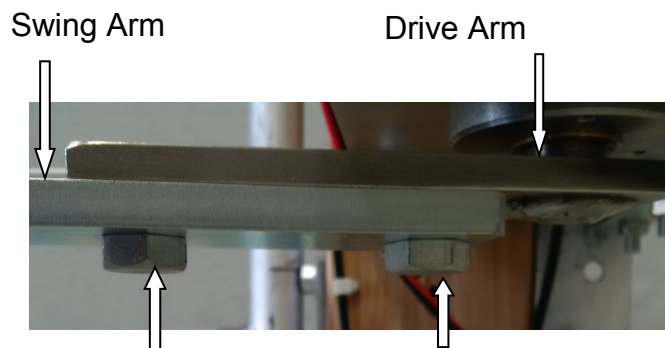
Pull the DC motor back towards the gears to engage. Ensure the DC motor gear has meshed with the drive gear. Fully tighten the Internal Release Bolt and check the gears are engaged.

External Manual Release



Swing Arm

Drive Arm



Swing Arm

Drive Arm

Use a 19 mm spanner to undo the two bolts. Fold the swing arm back and tie up to the bottom of the gate. Screw the two bolts back into the Drive Arm.



Pre Installation Set Up and Testing

DSG 5 DC2 Double Swing Gate



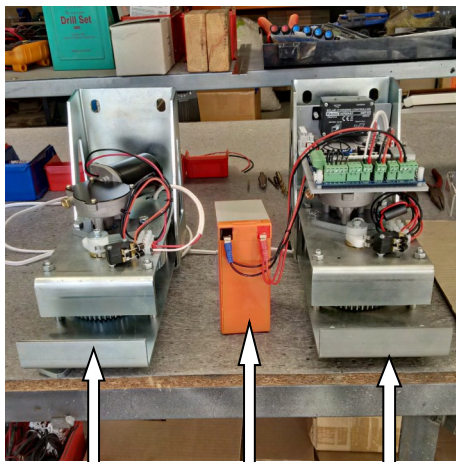
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Motor Set Up and Bench Testing

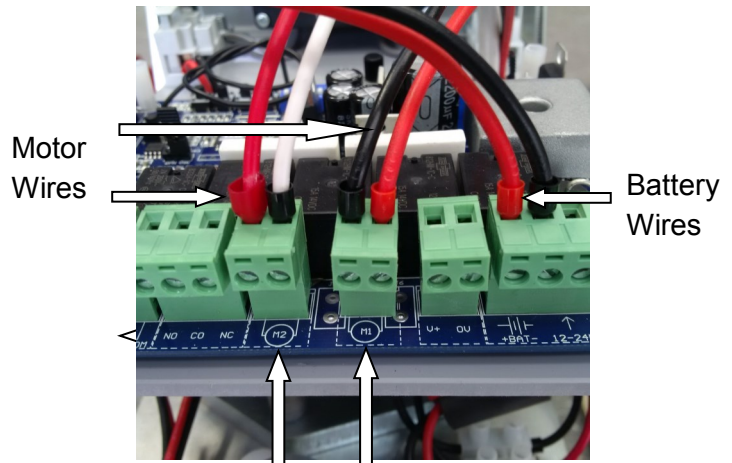
ALWAYS TURN THE POWER OFF AND DISCONNECT THE BATTERY BEFORE MAKING ANY WIRING CONNECTIONS

We recommend the gate motor settings and direction of rotation be set up and tested prior to installation. Place the gate motors on a suitable work bench.

Care should be taken as there are moving components inside the gate motor that may cause damage or personal injury.



Slave Motor Battery Master Motor



Motor M2 Terminals Motor M1 Terminals (First Opening Gate / Last Closing Gate)

Determine which side of the gates to mount the MASTER motor to (the gate motor with the circuit board and battery). Typically, the master motor is located on the side of incoming power.

Some double gates require a time delay in opening / closing to prevent the two gates clashing. Determine which gate will need to open first & therefore close last. Typically, one or other of the gates may be fitted with a 'lip' or 'tab' to help align the gates when closed. The lip or tab may be fitted to the leading edge of the first-closing gate or the trailing edge of the last-closing gate.

The motor (master motor or slave motor) of the first opening gate / last closing gate must be connected to Motor M1 terminal. (See above)



Pre Installation Set Up and Testing

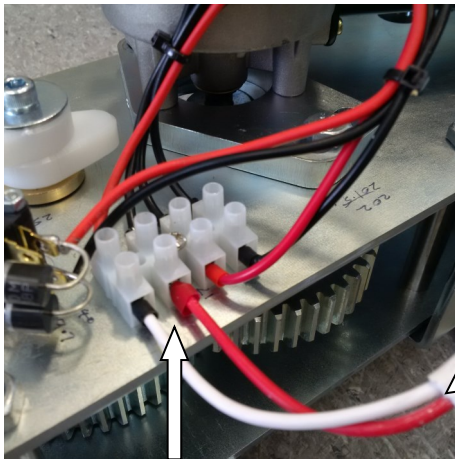
DSG 5 DC2 Double Swing Gate



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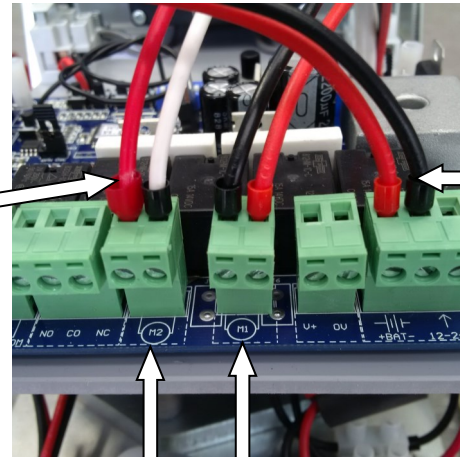
Battery Connection for Bench Testing

ALWAYS TURN THE POWER OFF AND DISCONNECT THE BATTERY BEFORE MAKING ANY WIRING CONNECTIONS



Slave Motor Power Wires and Connection Terminal Block

2 Core 1.5mm Twin Active Cable



Battery Wires

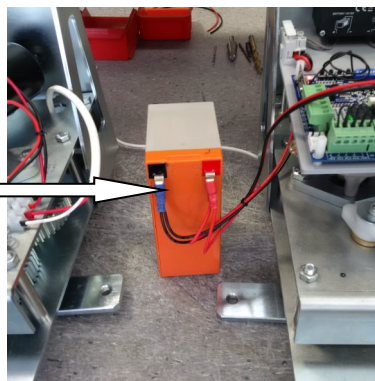
Motor M2 Terminals

Motor M1 Terminals

Connect a 2 core wire (1.5mm Twin Active cable) from the slave motor connection terminal block to the unused motor terminals on the circuit board.

Battery Connection

Double piggy back spade connectors for solar power or single spade connectors for transformer power



Place the battery on the bench between the motors

Refer to the "DC 2 Circuit Board" data sheet included with this manual and locate the battery wires on the circuit board. Ensure the battery wires are correctly connected to the correct terminals on the circuit board. Connect the other end of the battery wires to the battery terminals on the battery. Note the polarity (**Red** wire to **Red** battery terminal, **Black / Blue** wire to **Black** battery terminal). The board should now be powered and great care should be taken to avoid shorting out or otherwise damaging the circuit board.

WARNING: Care should be taken as there are moving components inside the gate motor that may cause damage or personal injury.



Pre Installation Set Up and Testing DSG 5 DC2 Double Swing Gate

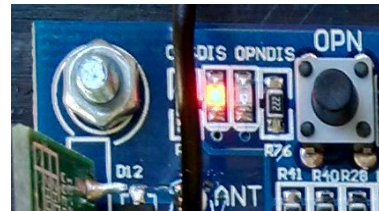


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Setting Motor Direction

Refer to the “DC2 Circuit Board” data sheet included with this manual and locate the direction LED’s on the circuit board. The GREEN LED indicates opening direction and the RED LED indicates closing direction.



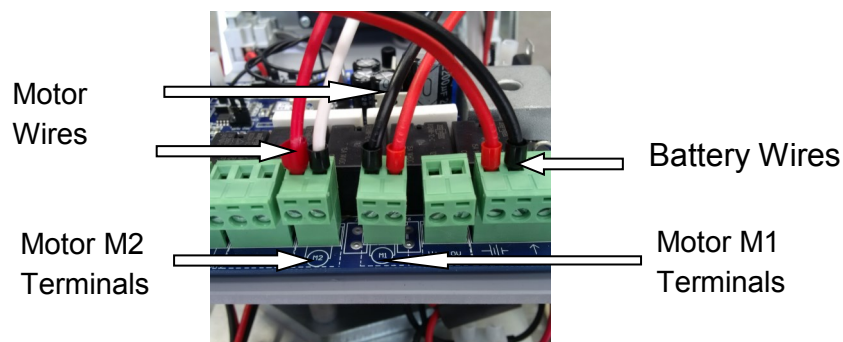
ALWAYS TURN THE POWER OFF AND DISCONNECT THE BATTERY BEFORE MAKING ANY WIRING CONNECTIONS

Activate the gate motor using one of the handset remote. When the gate motors are first activated only one motor may operate to synchronise both motors. If this happens, wait for the gate motor to complete its rotation and stops.

Check the rotation of the motor shafts are turning in the correct directions for opening the gate and the GREEN LED light is on OR the correct directions for closing the gate and the RED LED light is on. The motors should rotate in **opposite** directions.

If one of the motors is going in the wrong direction, disconnect all power. Refer to the “DC2 Circuit Board” data sheet included with this manual and locate the ‘Motor M1’ and Motor M2 terminals on the circuit board. Identify which motor is going in the wrong direction and the motor terminals the motor is connected to (Motor M1 Terminals **OR** motor M2 Terminals). Swap the red and black motor wires (or white wire as per photo below) connected to Motor terminals on the circuit board. The red wire should be connected to the terminal that had the black wire (or white wire as per photo below) connected to it and the black wire (or white wire as per photo below) should be connected to the terminal that had the red wire connected to it. This will reverse the direction of the motor.

Press the handset again to stop the motors and press the handset again to reverse the motor direction. To stop the motor, press the remote handset or disconnect a battery lead.



Care should be taken as there are moving components inside the gate motor that may cause damage or personal injury.



DSG5 DC2 GATE MOTOR INSTALLATION AND SET UP INSTRUCTIONS



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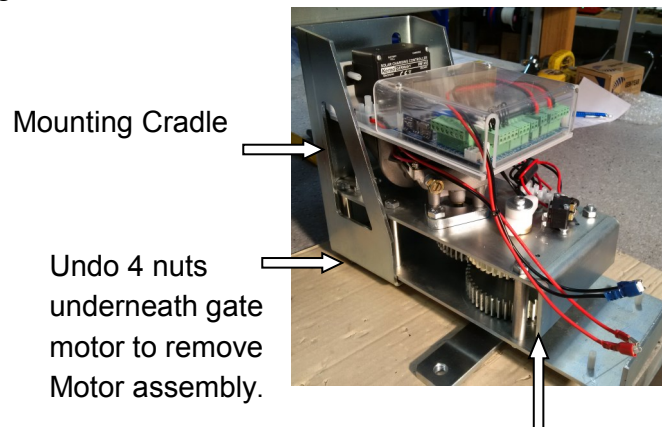
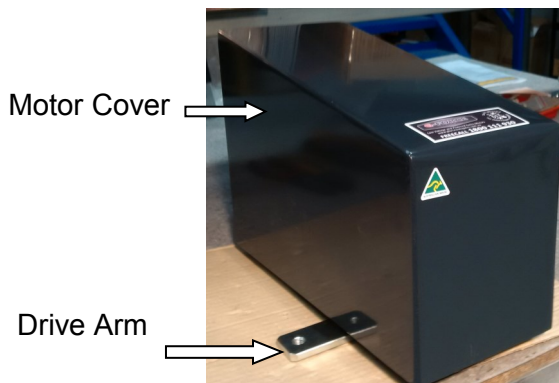
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Mounting the Gate Motor

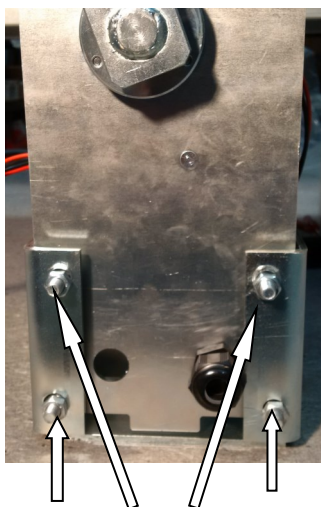
The gate motor should be mounted on a solid post or pillar about 50mm — 100mm from the gate hinges and the motor shaft should be approximately at the same level as the bottom rail of the gate

Place the complete motors on a work bench. Remove the black steel motor covers. Take note or a photo detailing how the gate motor is assembled and the circuit board wiring for possible future reference.

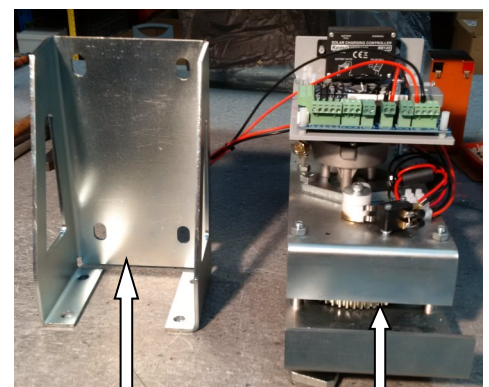
Separate the drive assembly and circuit board from the gate motor mounting cradle by undoing the 4 nuts underneath the motor holding the drive assembly in the mounting cradle and remove the drive assembly and circuit board from the gate motor mounting cradle. Take care not to damage the circuit board or allow it to get wet.



Master Motor Assembly with Circuit Board and Cover



Undo the 4 nuts underneath the motor.



Mounting Cradle

Drive Assembly with Circuit Board (Master Motor)



DSG5 DC2 GATE MOTOR INSTALLATION AND SET UP INSTRUCTIONS



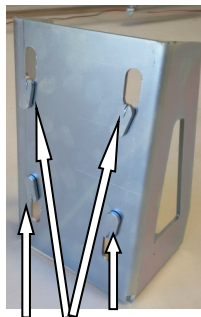
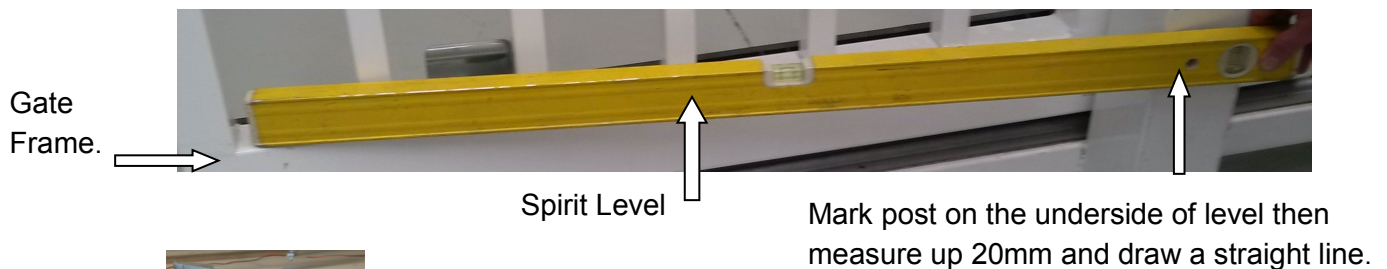
Mounting the Gate Motor (con't)

Place a spirit level (or a straight piece of wood with a small spirit level), on the top of the gate frame approximately 800mm to 900mm from the inside of the hinge post. Level off the spirit level and mark the post on the underside of the spirit level.

Measure upwards 20mm from this mark and draw a straight line. Place the bottom edge of the mounting cradle on this line and mark and drill the mounting holes or use the mounting template included in these instructions.

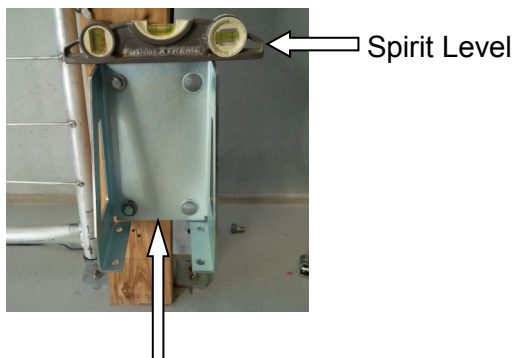
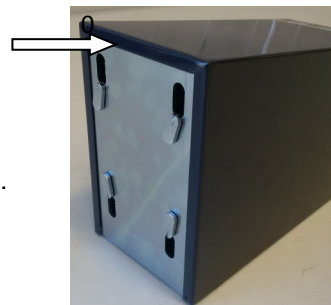
Check the 4 spacer tabs are in place on the back of the mounting cradle. If a spacer tab has fallen off then attach it with silicon otherwise use packing washers to replace the spacer tab. The spacer tabs allow the lip of the motor cover to be correctly fitted over the mounting cradle and drive assembly.

Firmly attach the mounting cradle to the post and check that the cradle is level. Fit the drive assembly into the cradle. Ensure the washers are in place and fully tighten the 4 nuts to firmly secure the drive assembly in the mounting cradle.

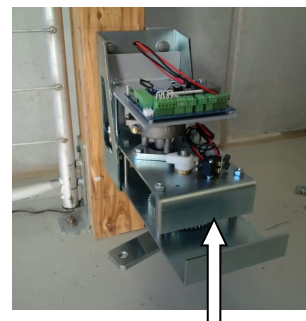


4 Spacer Tabs.

Lip of the motor cover correctly fitted over the mounting cradle.



Place the bottom edge of the mounting cradle on this line and mark and drill the mounting holes. Firmly fit mounting cradle and ensure it is level.



Fit the drive assembly into the cradle. Ensure the washers are in place and fully tighten the 4 nuts to firmly secure the drive assembly in the mounting cradle.



DSG DC2 GATE MOTOR INSTALLATION AND SET UP INSTRUCTIONS



Attaching the Arms and Brackets to the Gate

FOR OUTWARD OPENING GATES REFER TO THE SPECIAL INSTRUCTION SHEET

Refer to the "Internal Manual Release" instructions on page 5. Disengage the motor gear by loosening the internal release bolt and push the DC motor away from the gearing. The motor drive arm should now be free to rotate by hand.

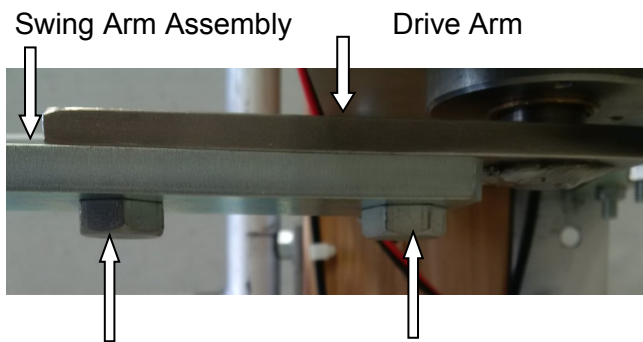
Move the gate into the closed position manually.

Fit the swing arm assembly to the drive arm. Loosely attach the standard gate bracket to the other end of the swing arm assembly.

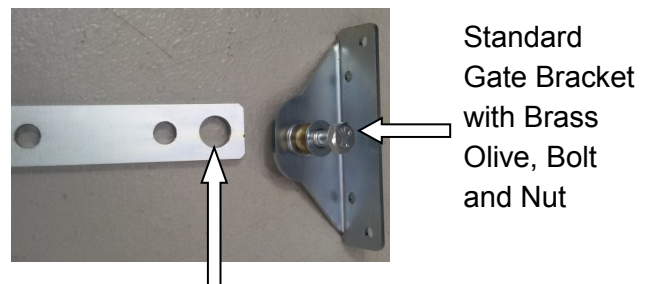
Extend the swing arm straight out and mark a position where the standard gate bracket touches the gate.

Measure approximately 40mm back towards the gate motor from the marked position and attach the standard gate bracket to the gate at this point.

Tighten the two swing arm bolts with care not to over tighten. Open and close the gate manually by hand several times to test.



Screw the two 12mm bolts with lock washers (not shown) to attach Swing Arm Assembly to the Drive Arm.



Swing Arm end



Standard Gate Mounting Bracket



Swing Arm Bolt

Swing Arm Bolt



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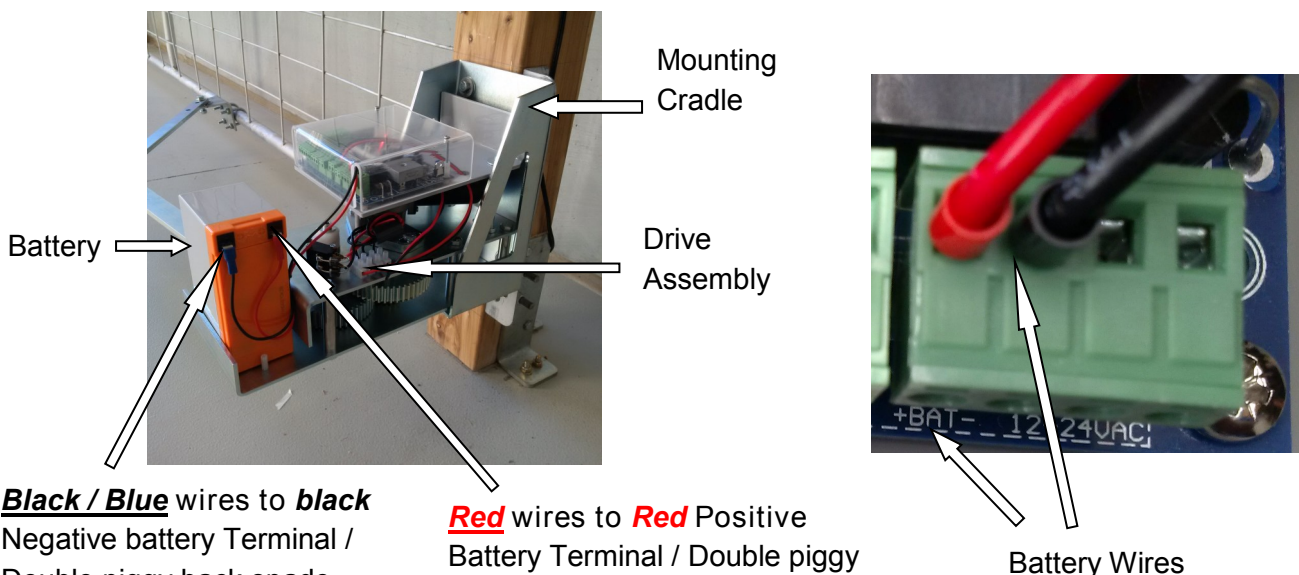
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Connecting the Circuit Board and Fitting the Battery

ALWAYS TURN THE POWER OFF AND DISCONNECT THE BATTERY BEFORE MAKING ANY WIRING CONNECTIONS

Refer to the “DC 2 Circuit Board” data sheet included with this manual or to any reference notes or photos and fit the wires back into the correct terminal locations on the control board.

Fit the battery on its end into the battery space on the drive assembly as shown below.



Black / Blue wires to **black** Negative battery Terminal / Double piggy back spade connectors for solar power or single spade connectors for transformer power.

Red wires to **Red** Positive Battery Terminal / Double piggy back spade connectors for solar power or single spade connectors for transformer power.

It is recommended that the battery be connected first during this stage of the installation. The primary power source can be connected after all the necessary set-up procedures and adjustments are made. Refer to the “DC 2 Circuit Board” data sheet included with this manual and locate the battery connection terminals on the circuit board. Ensure the battery wires are correctly connected to the correct terminals on the circuit board. Connect the battery wires to the battery terminals on the battery. Note the polarity (**Red** positive wires to **Red** battery terminal, **Black / Blue** Negative wires to **Black** battery terminal). The board should now be powered and great care should be taken to avoid shorting out or otherwise damaging the circuit board.

Care should be taken as there are moving components inside the gate motor that may cause damage or personal injury.



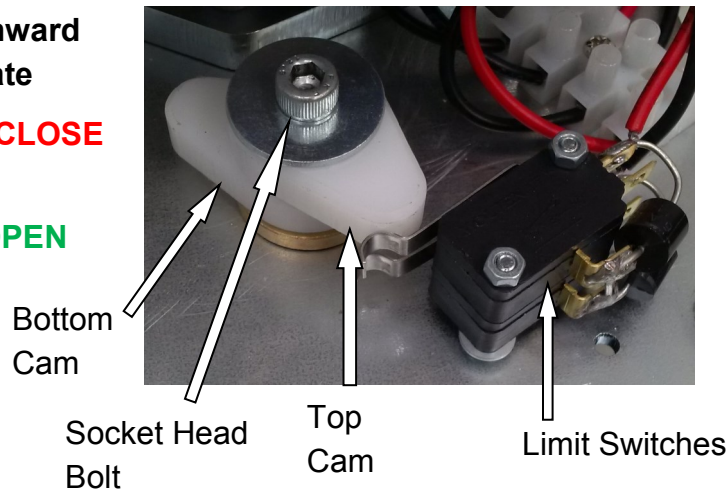
DSG DC2 GATE MOTOR INSTALLATION AND SET UP INSTRUCTIONS



Setting Open / Close Limit Switch Cams



LEFT HAND inward
opening gate
Bottom CAM = **CLOSE**
Position
Top CAM = **OPEN**



RIGHT HAND inward
opening gate
Top CAM = **CLOSE**
Position
Bottom CAM = **OPEN**

FOR OUTWARD OPENING GATES REFER TO THE SPECIAL INSTRUCTION SHEET

Ensure the Internal Release is disengaged (see page 5).

Manually move the gates into the closed position. Using a 5mm allen key loosen the socket head bolt and rotate the correct cam until it clicks the corresponding limit switch (see above). Re-tighten the cams. Repeat for second motor.

Manually move the gates into the open position. Using a 5mm allen key loosen the socket head bolt and rotate the correct cam until it clicks the corresponding limit switch (see above). Re-tighten the cams. Repeat for second motor.

Engage the Internal Release (see page 5). **CAUTION: The gates will now open / close when the gate motor is activated.**

Press the handset remote and activate the gate motors to check the gate is stopping at the required open position and closed position. Adjust the cam positions as necessary. Test the gate motor several times to ensure the gate is stopping in the correct positions.

Ensure the gate motor is turning in the correct direction for opening the gate and the GREEN LED light is on OR the correct direction for closing the gate and the RED LED is on as per the pre-installation set up.

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DC2 Circuit Board Adjustments

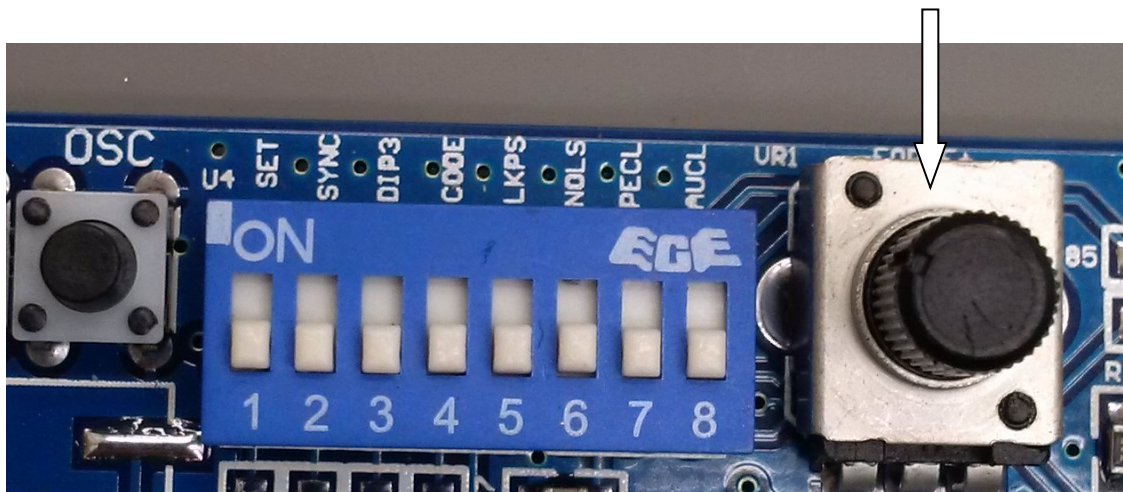
Motor Torque / Obstruction Sensing / Auto Reverse Adjustment

Refer to the “DC2 Circuit Board” data sheet included with this manual and locate the ‘Motor Force’ trim pot on the circuit board.

This adjustment controls the motor torque and obstruction sensing of both gate motors. The motors need to have enough torque (force) to fully open and close the gate. However, the more torque the motor has, the less obstruction sensitivity there is and therefore the gate may hit an obstruction more forcefully.

Turn the Motor Force trim pot anti-clockwise to increase sensitivity to an obstruction or turn the Motor Force trim pot clockwise to increase the motor torque (force) of the motor.

Motor Force Trim Pot



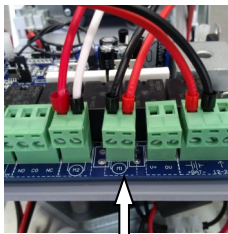


DSG DC2 GATE MOTOR INSTALLATION AND SET UP INSTRUCTIONS

Gate Open Delay / Close Delay Adjustment

Some double gates require a time delay in opening / closing to prevent the two gates clashing. Determine which gate will need to open first & therefore close last. Typically, one or other of the gates may be fitted with a 'lip' or 'tab' to help align the gates when closed. The lip or tab may be fitted to the leading edge of the first-closing gate or the trailing edge of the last-closing gate.

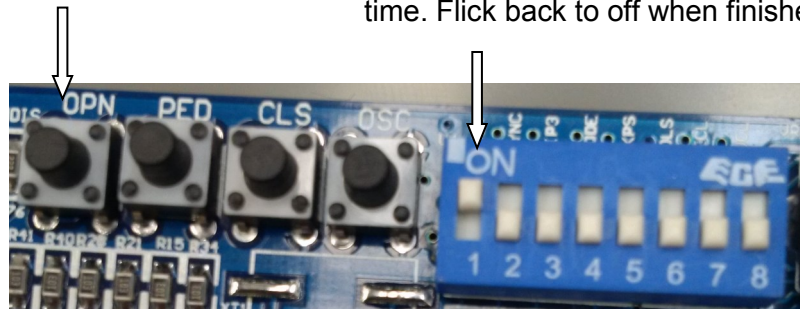
The motor (master motor or slave motor) of the first opening gate / last closing gate must be connected to Motor 1 terminal.



Motor M1 Terminals
First Opening Gate /
Last Closing Gate

Press and hold 'OPN'
button to set required
delay time.

Flick Dip Switch 1 to 'ON' to set
time. Flick back to off when finished



Setting the Open delay / Close Delay Time

To set the gate delay time for the open delay / close delay flick DIP switch 1 to 'ON'. Press and hold down "OPN" button for the required open delay / close delay time you need and release the button. For example if you want a 15 second open delay / close delay time then press and hold down the "OPN" button for 15 seconds and release the button. Once open delay / close delay time is set, flick DIP switch 1 back to OFF.

To **turn on** the open delay / close delay time, flick DIP switch 2 to 'ON' and leave it on. To **turn off** the open delay / close delay time function flick DIP switch 2 back to 'OFF'.

Dip Switch 1
'OFF'



Dip Switch 2 'ON' to turn on open / close time

WARNING: Care should be taken as there are moving components inside the gate motor that may cause damage or personal injury.



DSG 5 DC2 GATE MOTOR INSTALLATION AND SET UP INSTRUCTIONS



DC2 Setting Automatic Close Operation

Refer to the “DC2 Circuit Board” data sheet included with this manual and locate the ‘AUTO CLOSE’ settings on the circuit board.

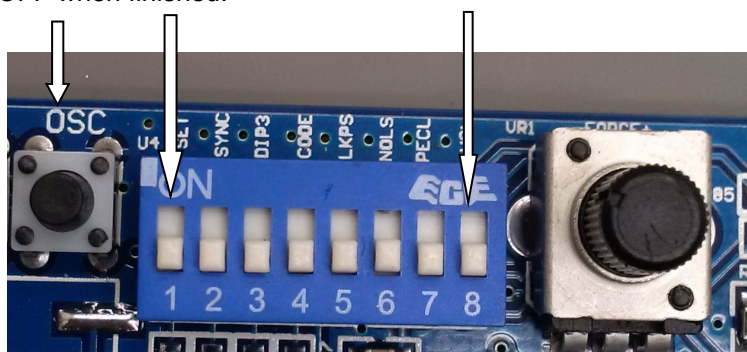
The gate motor is supplied with the Auto Close OFF as standard.

The gate motor can be set to ‘Auto Close’ by simply flicking DIP switch 1 to ON, press and hold down “OSC” button for the required time you want the gate to remain open before it auto closes, and release the button. For example if you want the gate to remain open for 30 seconds before it auto closes then press and hold down the “OSC” button for 30 seconds and release the button. Once time is set flick DIP switch 1 back to OFF.

To start the Auto Close function flick DIP switch 8 to ON and leave it on. To disable the Auto Close flick DIP switch 8 back to OFF.

Flick DIP switch 1 to ON and press
“OSC” to set the Auto Close time.
Flick back to OFF when finished.

Flick DIP switch 8 to ON to start Auto Close
or back to OFF to disable Auto Close



WARNING

If the ‘Auto Close’ feature is enabled, then precautions should be taken to ensure the gate can close without hitting any obstructions or suitable safety accessories are also installed.

Regularly check that all safety features and safety accessories are fully functioning.



DC 2 Transformer Wiring Instructions



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ENSURE THE TRANSFORMER IS SWITCHED OFF AND THE BATTERY DISCONNECTED

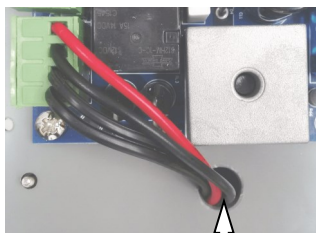
Refer to the “DC2 Circuit Board” data sheet included with this manual and locate the ‘12-24VAC’ terminals on the circuit board.

Connect the 12 v transformer wires to the ‘12-24VAC’ terminals on the circuit board. There is no positive or negative transformer wire and they can connect to either of the two “12-24VAC” terminals. Connect the battery wires to the battery. **Red**, Positive wire to **Red** battery terminal, **Black / Blue** Negative wire to **Black** battery terminal. The board should now be powered and great care should be taken to avoid shorting out or otherwise damaging the circuit board. Turn on the transformer, replace the metal motor cover and test.

Transformer

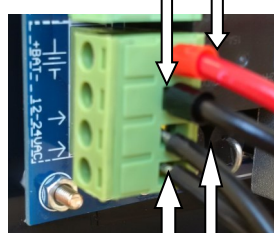


12 v Transformer Wires



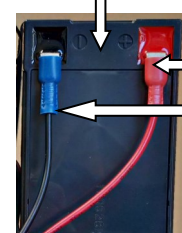
Feed transformer wires through the hole in the support tray with the battery wires

Battery Wires



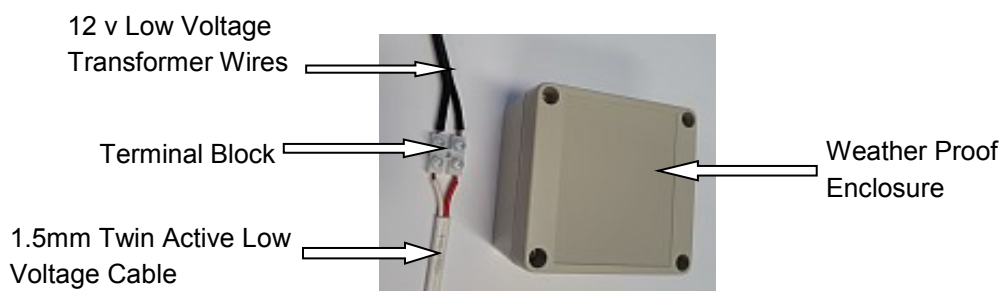
Connect 12 v Transformer Wires to 12-24VAC Terminals

Battery Connection



Red wire to **Red** battery terminal
Black / Blue wire to **Black** battery terminal

If the 12 v low voltage transformer wires need to be extended then we recommend you use a terminal block / joiner. Place the terminal block / joiners into a small enclosure for protection and outdoor installation.





DC2 Solar Panel / Regulator Wiring Instructions



DIY Automatic Gate Kits
Solar & Low Voltage Specialists

PH 1800 111 930

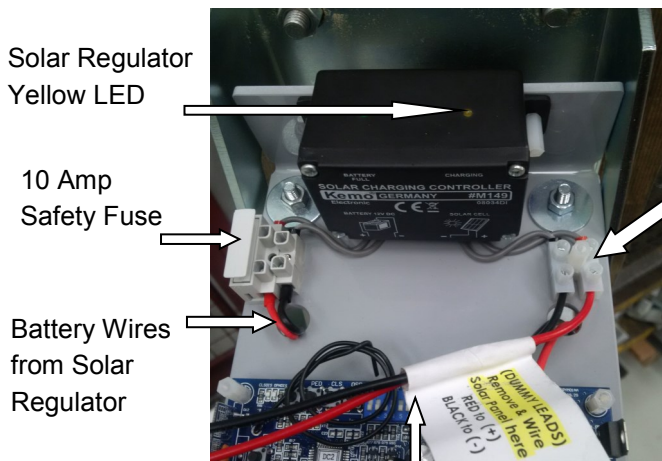
info@gforceautogates.com.au

www.gforceautogates.com.au

ENSURE THE SOLAR PANEL IS COVERED AND THE BATTERY DISCONNECTED

The solar panel is to be connected directly to the terminal block from the regulator and NOT to the circuit board.

Remove the "Dummy" wires and connect the positive and negative solar panel wires to the terminal block from the regulator (grey / red positive wire - grey / black negative wire). Plug the piggy back spade connections to the battery terminals on the battery. Note the polarity (**Red**, Positive wire to **Red** battery terminal, **Black / Blue** Negative wire to **Black** battery terminal). The board should now be powered and great care should be taken to avoid shorting out or otherwise damaging the circuit board. Uncover the solar panel and check the solar regulator yellow LED is glowing. Replace the plastic circuit board cover and metal motor cover and test.



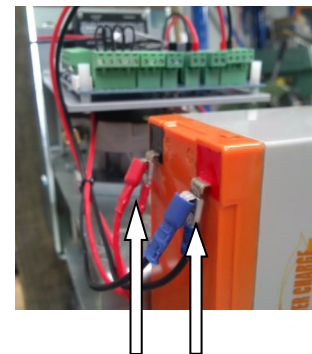
Solar Regulator
Yellow LED

10 Amp
Safety Fuse

Battery Wires
from Solar
Regulator

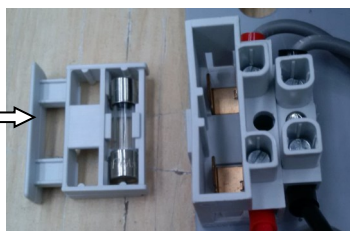
Remove Dummy Wires

Terminal Block from solar regulator
Connect solar Panel Wires **POSITIVE** wire
to grey / **red** wire **NEGATIVE** wire to grey /
black wire



Red wires to **Red** Positive
Battery Terminal / Piggy
Back Spade Connectors.
Black / Blue wires to **black**
Negative battery Terminal /
Piggy Back Spade
Connectors

10 Amp Safety
Fuse holder. Pull
out to check.
Push to click
holder back in.

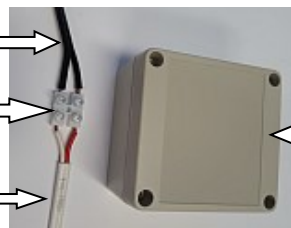


If the solar panel wires need to be extended then we recommend you use a terminal block / joiner. Place the terminal block / joiners into a small enclosure for protection and outdoor installation. As a minimum, 1.5mm Twin Active cable should be used to extend the wires.

Solar Panel Wires **RED** tipped wire
POSITIVE / **BLACK** tipped wire
NEGATIVE

Terminal Block

1.5mm Twin Active Low Voltage
Cable



Weather Proof
Enclosure



Warranty & Returns POLICY




GENERAL

G-Force Automatic Gate products are covered by the manufacturer's warranty which covers defects in materials and workmanship for the Warranty Periods stated below. This warranty is additional to any applicable statutory requirements, subject to the exclusions and limitations stated below.

Product is deemed to be warranted from the date of initial purchase from G-Force Automatic Gates. Proof of purchase is required when applying for warranty claims.

Warranty is offered on a Back-to-Base Warranty basis. Where issues can't be resolved by your Installer or local Reseller in person, or by G-Force Staff over the phone, product will need to be returned at Customer Cost to G-Force's Repair Centre in Bayswater, VIC for assessment, repair or replacement.

1 year	 DIY Gate Kits	<i>Applicable Kits:</i> FG 5, SW 5, DSW 5, SL2000,
1 year	Visitor Access & Hardware	<i>Such as:</i> Intercoms, Keypads, PE Beams, Loop Detectors, etc.
3 month	Spare Parts (exclusive of warranty replacements)	<i>Such as:</i> <i>Control Boards, Receivers, Remote Controls, Gears, Limit Switches, Brushes, etc.</i>

Warranty Periods

Exclusions & Limitations

The warranties stated herein do not cover damage, malfunction or service failures caused by:

Failure to follow G-Force or Product Installation, Operation or Maintenance Instructions

Repair or modifications to your G-Force product by someone other than a G-Force Service Technician, Authorised Installer or Reseller

Abuse, misuse or negligent acts

Batteries or Fuses supplied with your G-Force product (inc Handset batteries)

Power failure surges, lightning, fire, water damage, pest damage, accidental breakage, actions of third parties and other events or accidents outside of G-Force Automatic Gate's reasonable control and not arising from normal operating conditions

G-Force Automatic Gates is not responsible for any special, incidental, consequential or punitive damages arising from the use

- 1** Request
To lodge a claim, contact G-Force Automatic Gates on 1800 111 930 for assignment of an **RMA No.** (Returns Material Authorisation No.). This number should be recorded on each box of returned goods to
- 2** Return Goods to G-Force
Goods are to be returned to G-Force Automatic Gates at the Customer's cost. G-Force will assess returned product within 7 days to determine the extent of warranty cover and likely repair costs
- 3** Repair or Replacement of Goods
In-Warranty Repairs will proceed as soon as practicable. The manufacturer's offering the warranty reserves the right to repair or replace product at its discretion. It may, at its discretion, use new, remanufactured, or refurbished parts or products when repairing or replacing product. Replaced parts become the property of G-Force Automatic Gates. Repair costs and return freight of in-warranty repairs will be covered free of charge
Non-Warranty Repairs will not proceed until you are notified of estimated Repair Costs, we receive authorisation and payment details from you to proceed. Where product is deemed to be unrepairable, and you require goods to be returned to you, freight costs will need to be pre-paid to G-Force prior to return.



Maintenance



1. A regular cleaning to remove dust & dirt. A small soft brush will suffice.
2. Approximately every 6 months remove the motor cover, clean with a soft brush and spray inside the motor cover. Spray with a surface spray suitable for crawling insects, slugs and snails. DO NOT SPRAY ANY ELECTRONIC COMPONENTS.
3. Check Battery terminals for corrosion. If present, bushing with a wire brush or dipping the actual terminals – ‘hot water’ will remove it. A light spray with WD40 will help keep them clean.
4. Using a small screwdriver, tighten all terminal block screws and ensure any cables are not frayed at the ends.
5. Ensure Receiver is firmly mounted.
6. Tighten all mounting and attachment bolts.
7. Check screws on Push Button covers are intact and tight.
8. If Photocells (Sensors) are fitted, remove covers and gently brush any cobwebs, etc. away. Check operation and replace.

Finally, there is usually no substitute for good housekeeping. Ensuring the Motors and the area around the Motors and Gates are free of rubbish, leaves, infestation of insects and trimming of plants will help to give a long and trouble free life.

Should you be unsure of any points above, PLEASE contact us.



Unit 27 / 49 Corporate Boulevard Bayswater Vic 3153

Phone 1800 111 930

Email info@gforceautogates.com.au

Web www.gforceautogates.com.au