



SHORT ----- CUTS



*All business
No bullsh*t*

230V MOTOSHAF T : INSTALL

WARNING:

- Disconnect power.
- Handle Motoshaft using the shaft, not spring drums.
- Do not interfere with spring drums.



Find videos at
downee.com.au
or search
“motoshaft youtube”

Install Videos:

- Complete Installation
- Wiring, Set Up & Adjustments
- Wiring
- Set Travel Time
- Set Open & Closed Positions
- Set Dead Man Mode

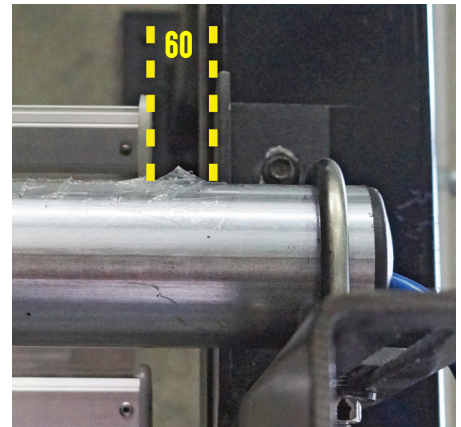
MOUNT SHAFT

- 1 Mount the angle brackets.

IMPORTANT:

Brackets must be level using a spirit level.

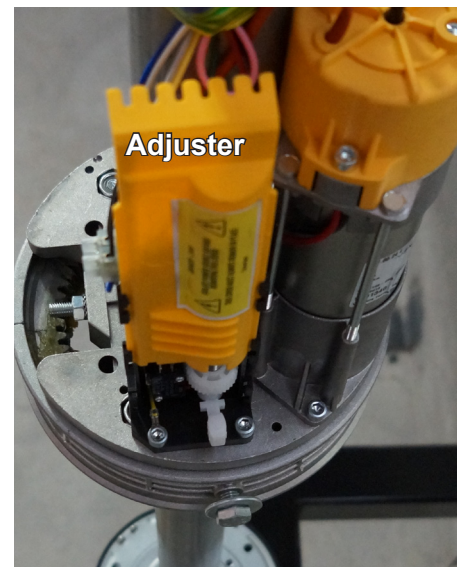
- 2 Place Motoshaft with power cable on the side closest to power point.
- 3 Keep 60mm gap between curtain and mount bracket (both sides).



IMPORTANT:

Position the adjuster **facing straight down towards the ground**.

- 4 Tighten U-bolt clamps both sides.

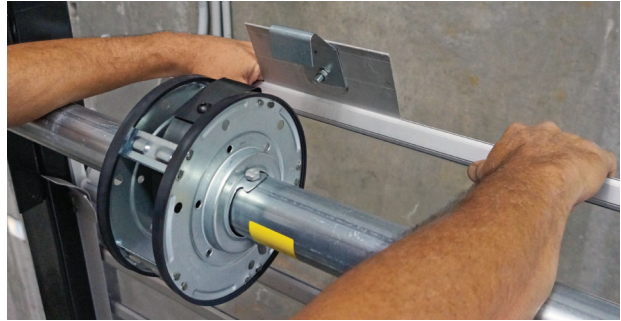


SHUTTER CURTAIN

- 1 Attach drum hooks onto shutter curtain.



- 2 Attach curtain to motor and both spring drums.



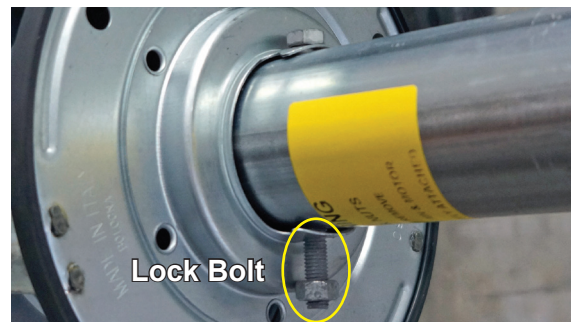
- 3 Release (undo) brake cable handle completely. The motor can now rotate by hand.



- 4 Bolt curtain to motor. Rotate motor by hand to align bolt hole.

- 5 Lock motor by screwing in the brake cable.

- 6 Remove spring drum lock bolts.



IMPORTANT:

The spring-loaded boxes should move the shutter upwards.

If the shutter goes down chances are Motoshaft is sitting backwards.

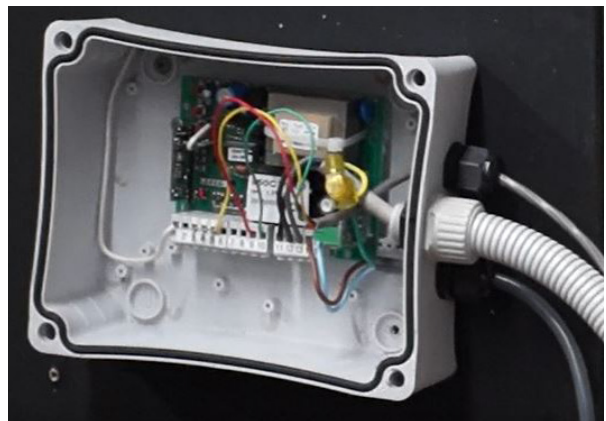
Move the left side to the right.

CONTROL BOARD

1 Mount the Control Box.

2 Remove the trimmed dummy cables. These are used to test the shaft during manufacture.

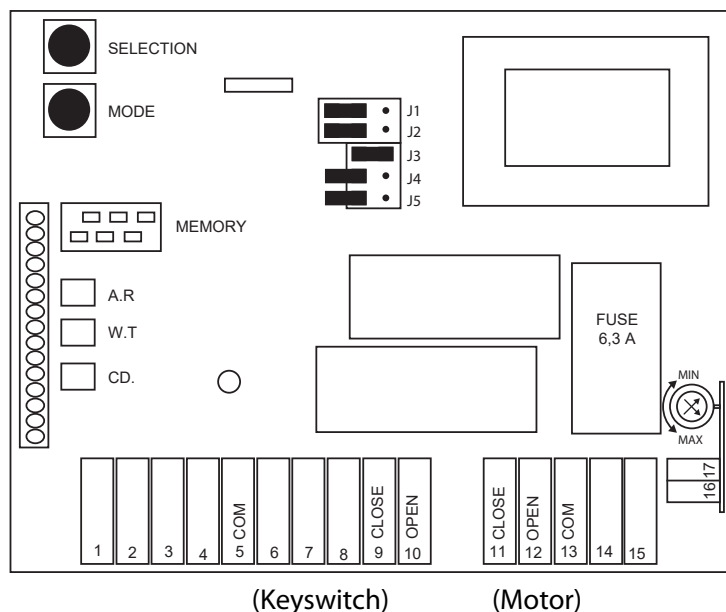
NOTE: Do not remove 3-pin plug. It's used to connect Motoshaft to power point.



3 Remove wires from terminals: 5, 9, 10, 11, 12 & 13

4 Connect Motoshaft power cable to terminals:

- black - 11
- brown - 12
- grey - 13



KEY SWITCH

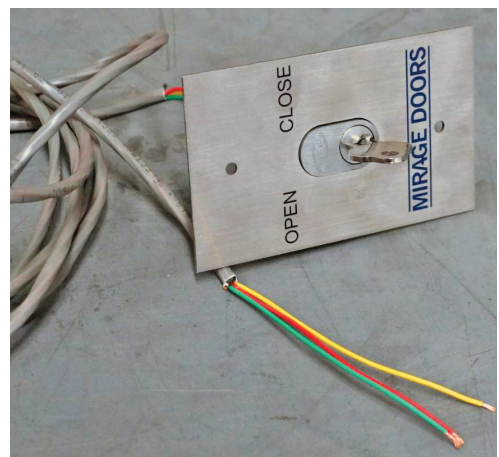
1 Mount the keyswitch in place and run the cable to control box.

2 Connect key switch cables:

- black - 5
- red - 9
- green - 10

3 Connect to power point.

Key Switch will now operate the door in auto-mode.



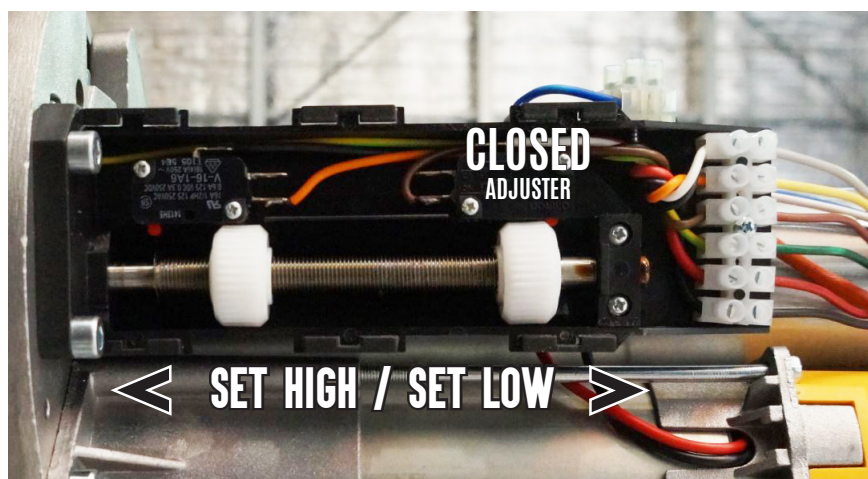
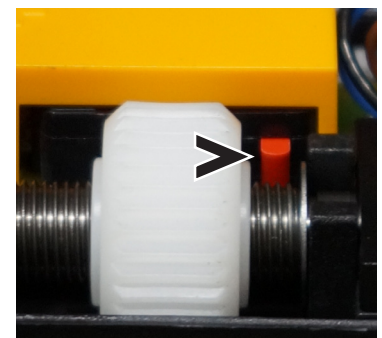
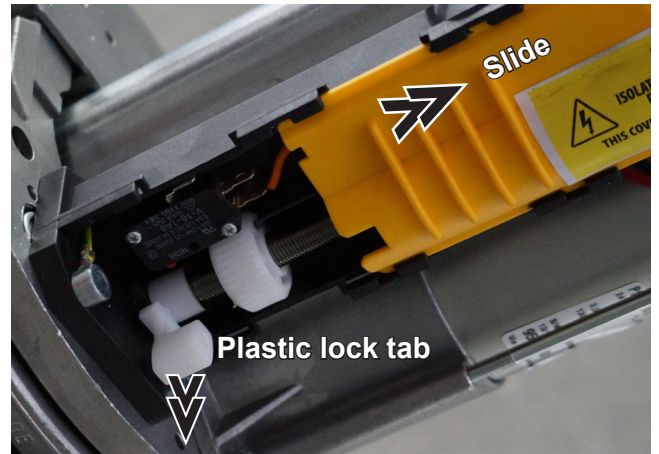
SET CLOSED POSITION



WARNING!

Isolate power before continuing.

- 1 Slide off the orange cover to access open/close adjusters.
- 2 With a pair of pliers, remove the plastic lock tab. The lock tab isn't needed. Bin it!
- 3 Undo cable to releaser brake.
- 4 Set closed position. Move white adjuster until it touches the small red switch contact.

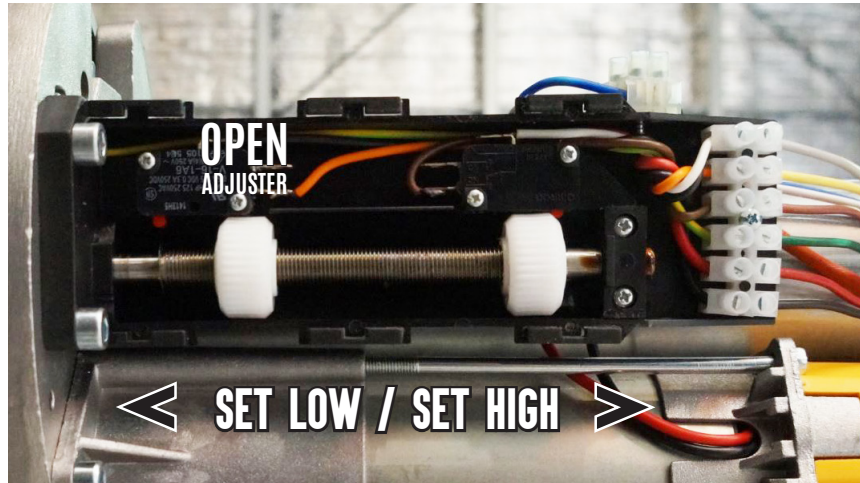


SET OPEN POSITION

Setting the open position is a bit trickier.

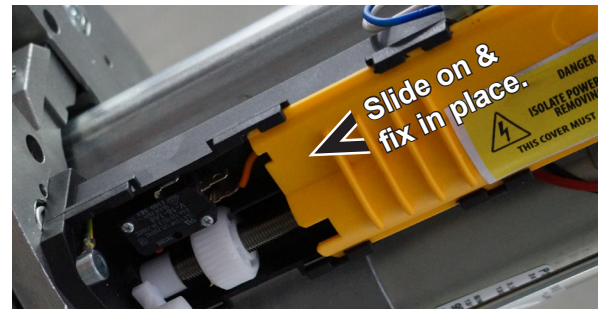
- 1 Open door. Not happy with the position? Close door and move adjuster a bit and check again.

It may be necessary to alter the adjuster a few times, opening & closing the door to check the position until it's right.



IMPORTANT:

Replace the orange cover to lock the adjusters.



SET TRAVEL TIME

- 1 Close door completely.

- 2 Press top button twice.

TOP BUTTON



- 3 Press & hold bottom button. Release when door is fully open.

Door will automatically close.

One red light will flash while it memorises settings.

Two solid red lights = Good to go!

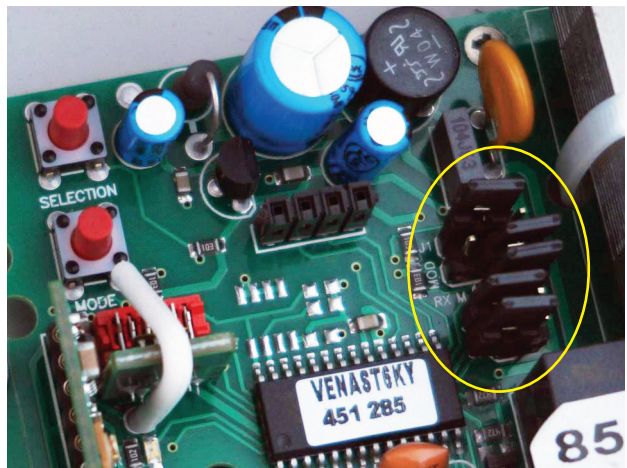
SET DEAD MAN



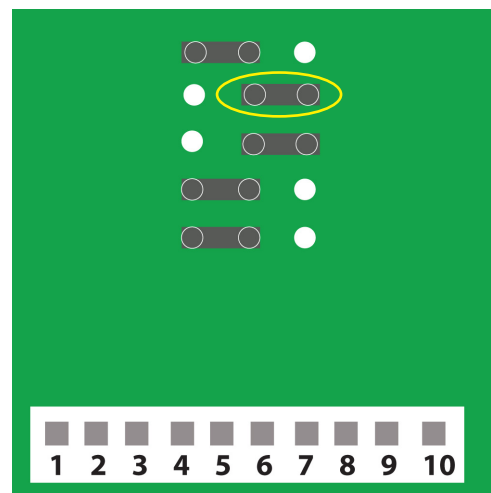
WARNING:
Disconnect power.

To disconnect auto-close we need to set dead man mode.

- 1 Close door completely.
- 2 Look for the jumpers on controller.



Move the 2nd from top across to the right pin.



- 3 Reconnect power
- 4 Test the keyswitch.

TROUBLESHOOTING

DOOR STOPS HALF-WAY

1. Motor travel time needs adjusting. See install manual or 'Motoshaft 230V - Set Travel time' video on YouTube.
2. Door limits needs adjusting. Set open/closed position with motor adjusters. See install manual or 'Motoshaft 230V - Set Open & Closed positions' video on YouTube.

DOOR OPENS AUTOMATICALLY - CONTROLLER IS SET TO AUTOMATIC.

Check J2 Jumper is on centre & right-hand pins.

To set dead man mode refer to install manual or 'Motoshaft 230V - Set Dead Man mode' video on YouTube.

NO POWER

1. Check connection terminals 14 & 15 (230V Inputs) on control board. See install manual or 'Motoshaft 230V - Wiring' video on YouTube.
2. Check fuse on control board

DOOR OPEN/CLOSED POSITION KEEPS CHANGING

1. Make sure the yellow cover on the motor. The cover locks the open/closed adjuster.
2. Set travel time. not set up. Refer to install manual or 'Motoshaft 230V - Set Travel time' video on YouTube.

DOOR NOT STOPPING AT LIMITS

1. Check yellow motor cover is replaced after setting Limits.
2. Check Limit Switch Bypass selection switch is set to Off.

DOOR OPENS INSTEAD OF CLOSING

1. Check motor wiring is correct in connection terminals 11(Close), 12(Open) and 13(Common).
2. Check Keyswitch is wired correctly at connection terminals 9(Close), 10(Open) and 5(Common).
3. Check Keyswitch is wired correctly on switch terminals.

CHANGES MADE ON CONTROLLER NOT TAKING EFFECT

Turn off power to the controller and restart then redo the settings.

CONTROLLER LIGHTS ON BUT MOTOR NOT WORKING.

Check and confirm wiring with continuity tester or multimeter.

Motoshaft is alternating current (AC) and has a thermal cut-off. If cycled too many times in a short period of time, the motor may need to rest for 10 to 30min. to cool down.

CAN I HAVE AUTO-OPEN & DEAD MAN MODE

No. It's only possible to set in auto-close or dead man, but not both together.

*Tech
Support*



1800 241 733