

# M2C SERIES-5 CUSTOMISATION

## GENERAL WARNINGS



This document is to be read in conjunction with the supplied Operator Manual and is for the use of suitably qualified Service Technicians only. Do not attempt these modifications if you are not qualified to do so, and contact Washtech if additional information or assistance is required.

Non-compliance with warnings or failure to follow the instructions in this manual can result in loss of life, severe personal injury and / or serious damage to property.

Before installation, commissioning and / or repair of the machine you must carefully read the safety instructions and warnings and all warning labels attached to the machine.

Hazards can include high surface temperatures, hot water, caustic detergent, sharp edges including broken glass and knives left in the wash chamber, and dangerous electrical voltages.

All service work must be carried out by qualified personnel only who ensure compliance with all local codes and standards including AS/NZS 3500.1.

The electrical supply must be turned off at the wall before accessing the machine for servicing. All electrical terminals must be covered at all times to prevent access to the terminal. Appropriate electrical tests must be carried out after any and all service repairs.

## MODEL CUSTOMISATION

The new M2 Series-5 features our versatile touchscreen display that can be installed as a Heads-Up Display on either side of the upper rear of the machine, or can be mounted underbench to the side of the cabinet if preferred.

This enables corner installations in either direction, and positioning of the controls either to provide the operator with the best display of the operation of the machine, or out of the way in tight locations where space is at an absolute premium.

Multiple power connection options are available for this model as well.

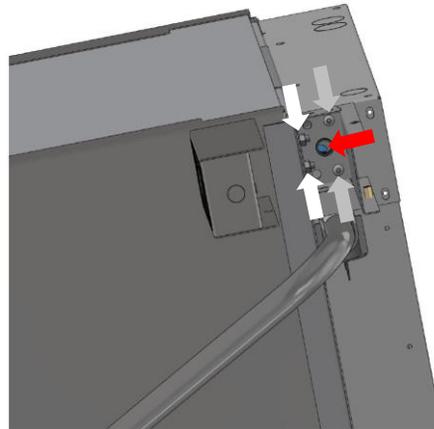


# TOUCHSCREEN CONTROL POD

## HEADS UP DISPLAY MOUNTING

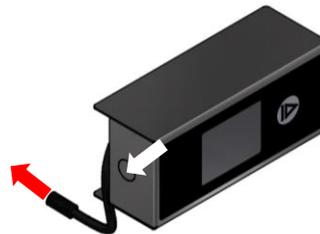
This process applies to either side of the machine.

1. Fix bracket to the desired side of the dishwasher using the 2x nuts and washers to secure to the available studs which face. Best to use a small 10mm ratchet spanner to tighten.
2. Secure the bracket further with the supplied screw into the nutsert next to the 2x studs.
3. Locate and feed the black wiring loom from the main control board up the back of the machine and out the hole in the centre of the attached bracket.
4. On the touchscreen display box Remove the knock-out on the side that will be closest to the machine and fit the plastic bush supplied with the machine. WHITE
5. Connect the black touchscreen wire loom to the main board wire and tighten in clockwise direction.
6. Once wired up securely, fix the touchscreen display to the bracket using the 1x countersunk screw and 1x bolt provided.



- Secure HUD bracket with:
- 2x nuts secures the display bracket to the studs on the rear of the machine. WHITE
  - 2x screws lock the bracket in place. GREY

Feed the controller wiring loom out of the machine through the central hole in the bracket. RED

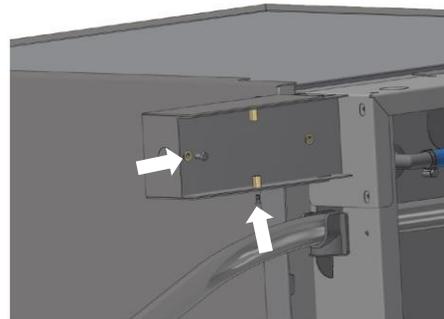


Remove knockout on side of display that will connect to the machine and fit the plastic bush supplied with the machine. WHITE

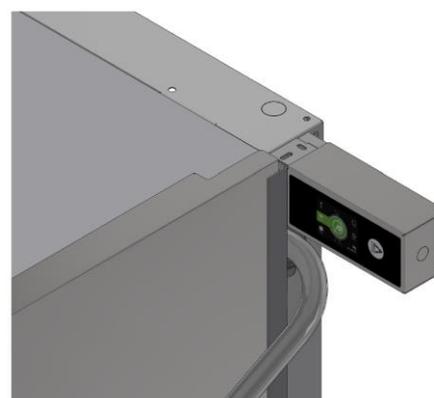
Route cable through the bush and connect the display cable to the controller wiring loom. RED

## LOWER SIDE MOUNTING

1. Align bracket on to the desired on the cabinet and drill 4x 5mm holes for the securing bolts and 1x 20mm central hole for the wiring loom.
2. Fix bracket to the desired location using 4x nuts and bolts supplied.
3. Follow steps 3 through 6 from above.



- Secure the Heads Up Display:
- 1x bolt fitted closest to the side of the display.
  - 1x countersunk screw from below the display.



Check that the Heads Up Display is firm and securely in place.

# POWER AND HEATING

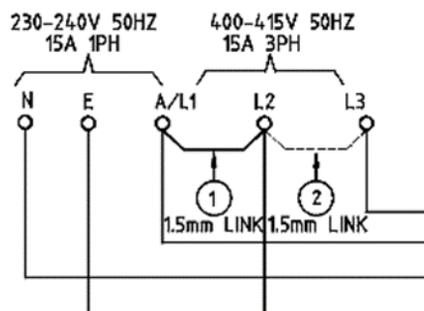
## MODIFICATION

The new M2 Series-5 passthrough dishwasher has 4 different power modes to enable optimal performance on the available supply of each site.

More power equates to better use of the available elements, and Washtech recommends connecting in the highest mode possible to minimise any downtime between short cycles – especially when the incoming water supply is less than 60°C.

### STAGE-1

- 1p/15A interlocked
- Accesses 3.0kW of rinse heating interlocked with 2.5kW of wash heating.
- 15A cordset fitted standard with Link 1 Between L1 and L2.



### STAGE-2

- 1p/25A interlocked
- Requires replacement of rinse elements with 5.0kW version (order part #600 30497)
- Accesses 5.0kW of rinse heating interlocked with 2.5kW of wash heating.
- Improved recovery time for busy locations that don't have 3p power supply available.
- Replace cordset with properly rated cable from 25A supply circuit, and fit a link between L2 and L3

### STAGE-3

- 3p/15A interlocked
- Accesses 6.0kW of rinse heating interlocked with 2.5kW of wash heating.
- Improved recovery time (equivalent to 1p/25A supply) for busy locations
- Replace cordset with properly rated cable, and remove all links.

### STAGE-4

- 3p/15A no interlock
- Accesses the full 6.0kW of rinse heating and 2.5kW of wash heating on demand.
- Highly recommended for busy sites, and especially those with less than hot inlet water where the uninterlocked system will enable much faster start up times as well.
- Replace cordset with properly rated cable, and remove all links. When finalising the installation, select:
  - SETTINGS
  - TECHNICAL SETTINGS (passcode: 1286)
  - ADVANCED
  - ELEMENT INTERLOCK
- Contact Washtech on 0800 782 754 and speak to our Technical Team to confirm machine model, serial number and that the power supply is adequate; after which you will be supplied with a secondary passcode to remove the element interlock.



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