

DISCLAIMER: Emtion Pty Ltd, Trading as Microtec Engineering, do not take any responsibility for any damage caused installing this product

MICROTEC ENGINEERING

EXTERNAL WARNING LIGHT INSTALLATION INSTRUCTIONS

ROBWAY 1502

ESTIMATED TIME OF INSTALLATION: 3 HOURS

M I C R O T E C

ROBWAY 1502 INSTRUCTIONS

Read all instructions before commencing

PRE-INSTALLATION CHECKS

- 1.** Turn on machine and turn the computer on. Verify that crane is in safe working condition and no alarms or errors are displayed.
- 2.** Raise boom to the full extent. Doing this will pressurize the cylinders and bring the moment to 100%. Check that all unsafe motions (Luff down, winch up, Tele out) are in-operable and safe functions (winch down, tele in) are operable. Note: This is provided the unit has a cut-off system fitted. Some machines even with cut-off, may not allow safe functions without O/R.
- 3.** Then turn the over-ride switch and confirm all unsafe functions are operational. Beware: Autostop functions will not operate during over-ride.

➤ Should any of these tests fail call Microtec for service

INSTALLATION OF INPUTS

PREINSTALLATION PREPARATION

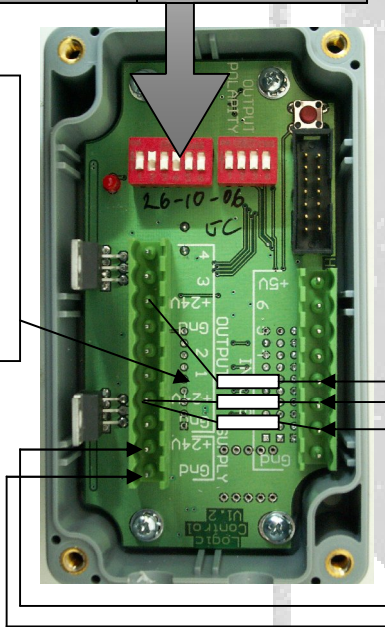
1. Isolate batteries during installation with isolator switch.
2. Open up Robway Switch box – this is usually located under the dash on the right side wall with the over-ride key.
3. Mount the Activation box in a suitable position near this switch box.
4. Strip approx. 15cm of insulation from the 7-core cable to expose the wires.
5. Feed this cable into the switch box.
6. Run the other end of the cable to the activation box.

M I C R O T E C

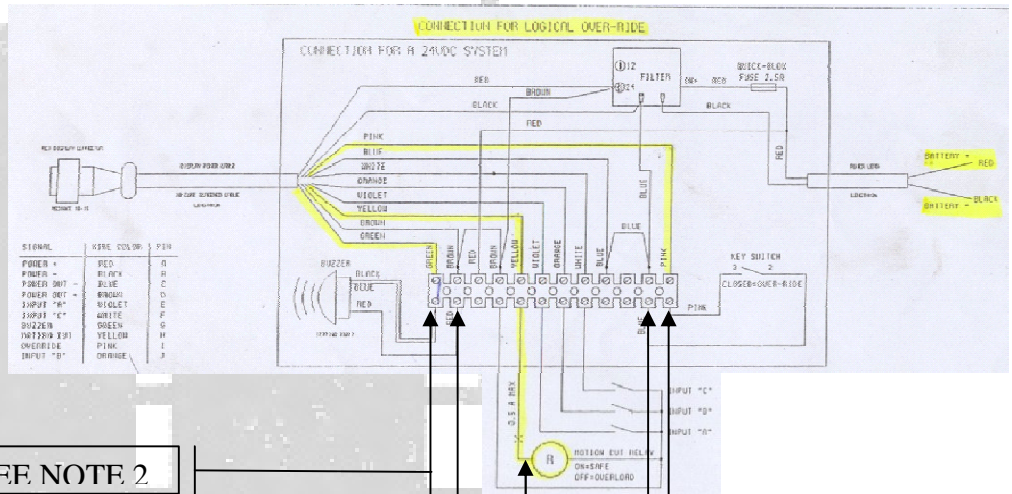
CONNECTIONS TO ROBWAY 1502

SWITCH NO.	SWITCH POSITION
1	On
2	Off
3	On
4	Off
5	Off
6	On

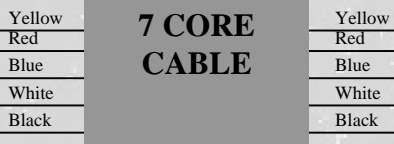
Insert the resistors supplied.
* if motion cut relay exists, there is no need for resistor on red wire.



Use ferrule crimps provided to make the connections to the activation box. You may also need to shorten the length of the ferrules so the lid can close easily.



SEE NOTE 2



SEE NOTE 3

SEE NOTE 1

SEE NOTE 4

❖ Unused wires from 7 core cable may be cut off from the loom.

NOTES

- 1
 - Connect the red wire from the loom to the yellow wire on the terminal strip. Located 5th terminal from the left (shown in the connection diagram below).
 - Confirm that the other side of this termination goes to a relay shown in the diagram. If not, then connect the resistor as shown in the diagram on p.3.

- 2
 - Connect the yellow wire from the loom to the green wire on the terminal strip. Located 1st terminal on the left (shown in the connection diagram below).
 - Connect the resistor shown in the diagram on p.3.

- 3
 - Connect the blue wire from the loom to the pink wire on the terminal strip. Located 1st terminal on the right (shown in the connection diagram below).
 - Connect the resistor shown in the diagram on p.3.

- 4
 - Connect the white wire of the loom to the brown wire from the terminal strip. Located 2nd terminal from the left (shown in the connection diagram below).
 - Connect the black wire of the loom to the blue wire from the terminal strip. Located 2nd terminal from the right (shown in the connection diagram below).

