

Programming the Electronic Timer 600 30513

Disclaimer: All repairs and adjustments MUST be carried out by a suitably qualified technician in accordance with local regulations.

GE, GLV, (XP-3, XM, M1-4), XL-2, UDC, (PW1-4, PW2-4), (AL8-4, PW3 (E)), AL8-C, (PW1-C, PW2-C), PW3-C, and TW2

These models utilise the electronic controller and rely of some non-default settings. In particular, the Cycle activation method.

Due to the default setting of button start, to prevent Auto Start of a cycle when powered on drain the wash tank of any water and leave the door ajar (not closed all the way). Programming can be achieved if the wash tank is EMPTY of water prior to replacing PCB and the door left ajar (not closed) as the unit will need to fill (unable with door open) prior to a cycle being able to start.

SAFETY NOTE: It is necessary to power the unit on to activate the PCB and make programming possible. Be cautious when touching the PCB to only make contact with the plastic pushbuttons to prevent Shock and INJURY.



See Below pages:

Page 2: GE model programming	Page 16: AL8(4), PW3(E) model programming
Page 4: GLV model programming	Page 19: AL8-C model programming
Page 6: XP(3), XM, M1(4) model programming	Page 22: PW1-C, PW2-C model programming
Page 8: XL(2) model programming	Page 25: PW3-C model programming
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Page 13: PW1(4), PW2(4) model programming	

NOTE: ALL IMAGES CONTAINED IN THE FOLLOWING PROGRAMMING STEPS ARE SHOWING THE USUAL **DEFAULT** VALUES, **NOT THE REQUIRED** VALUES OF EACH STEP.

Programming the GE



MODELS	GE	
DEFAULT	1	
START	BUTTON	
BREAK TANK	OFF	
R1. WASH PUMP	ON	0
	OFF	37
R2. RINSE PUMP	ON	39
	OFF	50
R3. COLD RINSE	ON	50
	OFF	60
R4. CYCLE LIGHT & DRAIN PUMP^	ON	0
	OFF	60
R5. DETERGENT PUMP	ON	0**
	OFF	30**
R6. RINSE FLUID PUMP	ON	0**
	OFF	30**
MEDIUM - ADD	60***	
LONG - ADD	120****	

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

NOTE: If the buttons are not interacted with the setting access will exit and return to default screen saving any current changes. You may need to restart the step if this happens.

Step 2: Set Default Programming to **#1**. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1. Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Relay 1 **OFF** time. Press the set button 5 times until displaying Relay (1) OFF:, press the up or down button to change the timing to 37 seconds.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 39 seconds.



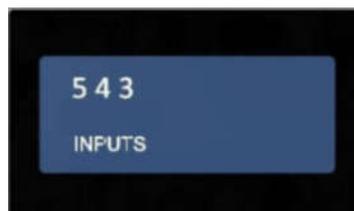
Step 5: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 50 seconds.



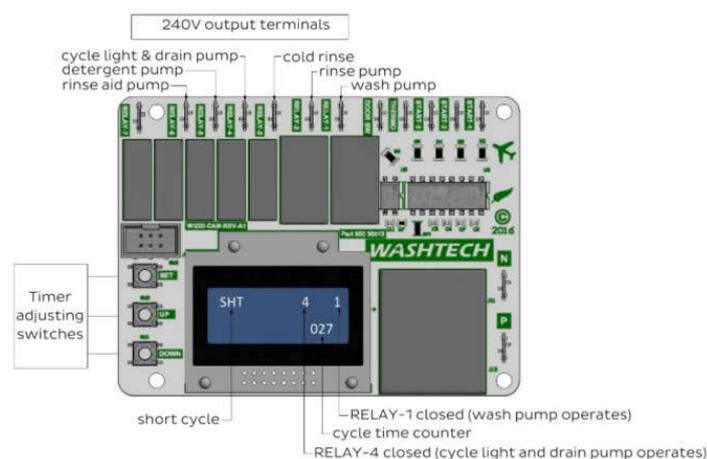
Step 6: Set Relay 3 **ON** time. Press the set button 1 time (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 50 seconds (This is correct, the Relay 3 ON time is the same as relay 2 OFF time of 50 Seconds).



Step 7: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 8 Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the GLV



WASHTECH
Part 602 90813
2016

5 4 3
INPUTS

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

MODELS	GLV
DEFAULT	1
START	BUTTON
BREAK TANK	OFF
R1. WASH PUMP	ON 0
	OFF 47
R2. RINSE PUMP	ON 49
	OFF 60
R3. COLD RINSE	ON 60
	OFF 60
R4. CYCLE LIGHT & DRAIN PUMP^	ON 0
	OFF 60
R5. DETERGENT PUMP	ON 0*
	OFF 30*
R6. RINSE FLUID PUMP	ON 0*
	OFF 30*
MEDIUM - ADD	90
LONG - ADD	120***

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

NOTE: If the buttons are not interacted with the setting access will exit and return to default screen saving any current changes. You may need to restart the step if this happens.

Step 2: Set Default Programming to **#1**. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1. Leave the display for 3-5 seconds and it will return to Inputs.

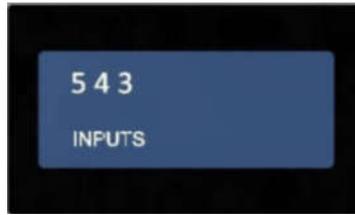


Step 3: Set Medium Cycle ADD time. Press the set button 16 times until displaying MEDIUM, press the up or down button to change the timing to 90 seconds.

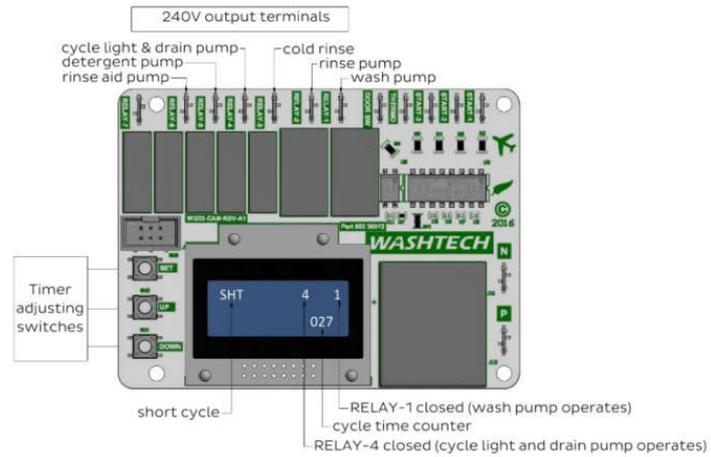


INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 5: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the XP(3), XM, M1(4)



MODELS		XP, XM, M1
DEFAULT		1
START		DOOR
BREAK TANK		OFF
R1. WASH PUMP	ON	0
	OFF	47
R2. RINSE PUMP	ON	49
	OFF	60
R3. COLD RINSE	ON	60
	OFF	60
R4. CYCLE LIGHT & DRAIN PUMP^	ON	0
	OFF	60
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		60
LONG - ADD		120

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#1**. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1. Leave the display for 3-5 seconds and it will return to Inputs.

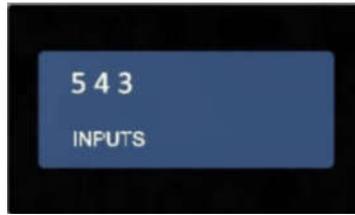


Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to chance the display to Door Start.

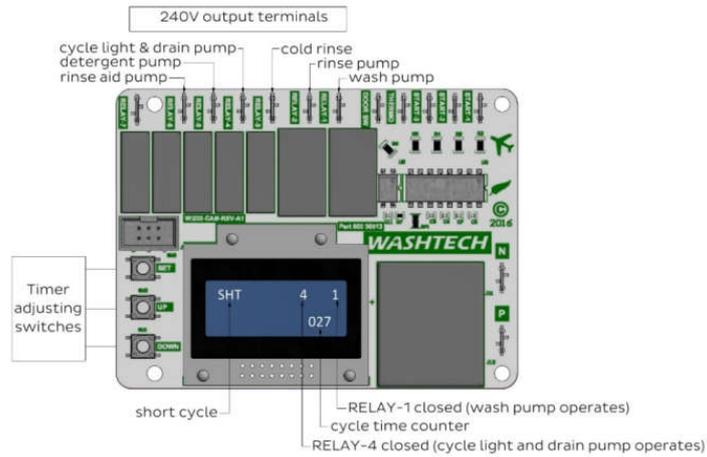


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Step 4: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 5: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the XL



WASHTECH
Part 602 30813
2016

5 4 3
INPUTS

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

MODELS	XL
DEFAULT	2
START	DOOR
BREAK TANK	OFF
R1. WASH PUMP	ON 0
	OFF 27
R2. RINSE PUMP	ON 29
	OFF 40
R3. COLD RINSE	ON 40
	OFF 40
R4. CYCLE LIGHT & DRAIN PUMP^	ON 0
	OFF 40
R5. DETERGENT PUMP	ON 0*
	OFF 30*
R6. RINSE FLUID PUMP	ON 0*
	OFF 30*
MEDIUM - ADD	20
LONG - ADD	50

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#2**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #2. Leave the display for 3-5 seconds and it will return to Inputs.

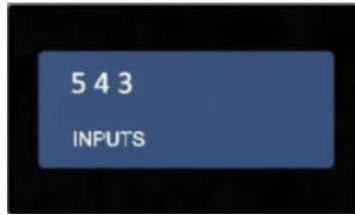


Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to change the display to Door Start.

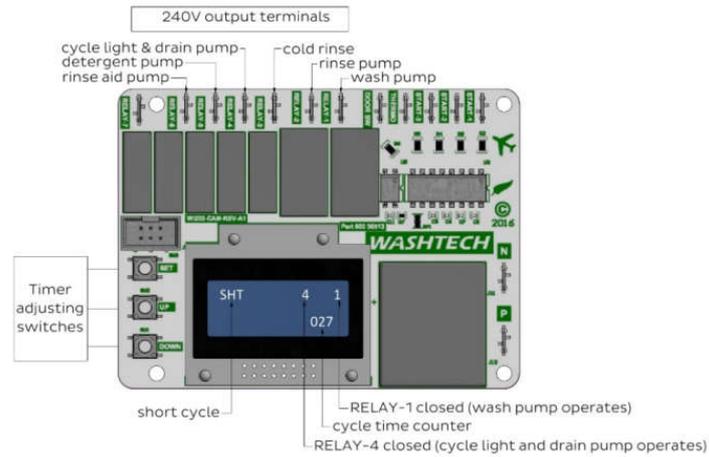


INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 5: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the UDC-HK

MODELS	UDC-HK	
DEFAULT		1
START		BUTTON
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	62
R2. RINSE PUMP	ON	64
	OFF	80
R3. COLD RINSE	ON	0
	OFF	80
R4. CYCLE LIGHT & DRAIN PUMP^	ON	0
	OFF	80
R5. DETERGENT PUMP	ON	0
	OFF	30*
R6. RINSE FLUID PUMP	ON	0
	OFF	30*
MEDIUM - ADD		100
LONG - ADD		120***

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#1**. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Break Tank to **ON**. Press the set button 3 times, Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 62 seconds.



Step 5: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 64 seconds.



Step 6: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 80 seconds.



Step 7: Set Relay3 **ON** time. Press the set button 1 time (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 0 seconds.



Step 8: Set Relay3 **OFF** time. Press the set button 1 time (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 80 seconds.

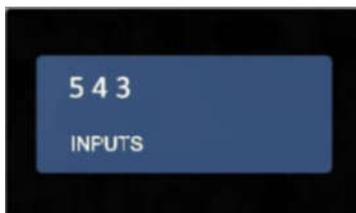


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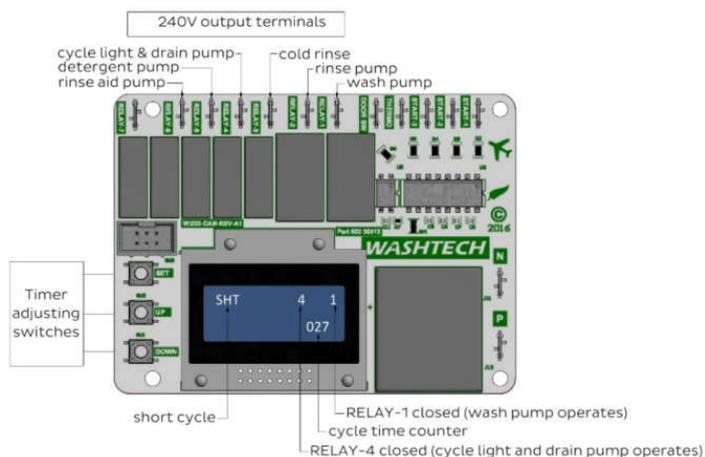
Step 9: Set Medium Cycle ADD time. Press the set button 7 times (or 16 times if returned to inputs) to advance to displaying MEDIUM, press the up or down button to change the timing to 100 seconds.



Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the PW1(4), PW2(4)

MODELS		PW1	PW2
DEFAULT			3
START			SWITCH
BREAK TANK		ON	
R1. WASH PUMP	ON	0	
	OFF	105	
R2. RINSE PUMP	ON	107	
	OFF	120	
R3. CONDENSER BOOST FAN	ON	120	
	OFF	120	
R4. DRAIN PUMP & MAIN FAN	ON	0	
	OFF	120	
R5. DETERGENT PUMP	ON	0*	
	OFF	30*	
R6. RINSE FLUID PUMP	ON	0*	
	OFF	30*	
MEDIUM - ADD		120	
LONG - ADD		240	

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **Switch**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to chance the display to Switch Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 107 seconds.

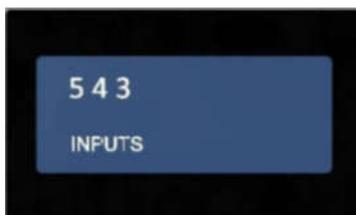


Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.

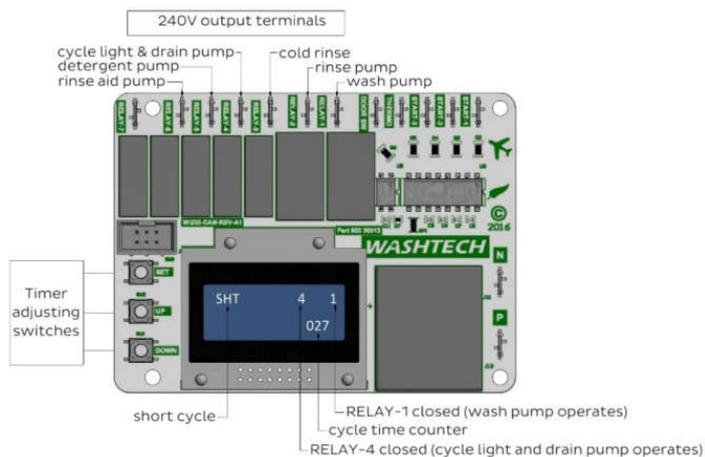


INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 8: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 9: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the AL8(4), PW3(E)

MODELS	AL8
	PW3
DEFAULT	3
START	DOOR
BREAK TANK	ON
R1. WASH PUMP	ON 0
	OFF 105
R2. RINSE PUMP	ON 107
	OFF 120
R3. CONDENSER BOOST FAN	ON 120
	OFF 120
R4. DRAIN PUMP & MAIN FAN	ON 0
	OFF 120
R5. DETERGENT PUMP	ON 0*
	OFF 30*
R6. RINSE FLUID PUMP	ON 0*
	OFF 30*
MEDIUM - ADD	120
LONG - ADD	240

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to chance the display to Door Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 107 seconds.

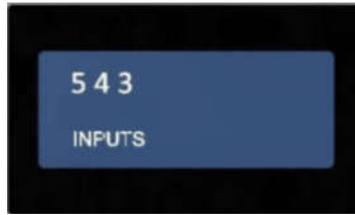


Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.

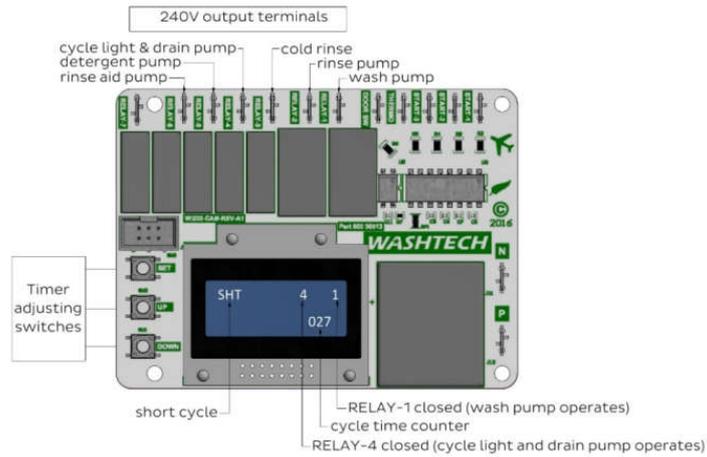


INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 8: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 9: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the AL8-C

MODELS		AL8C
DEFAULT		3
START		DOOR
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	90
R2. RINSE PUMP	ON	92
	OFF	120
R3. CONDENSER BOOST FAN	ON	85
	OFF	150
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	150
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		120
LONG - ADD		240

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to change the display to Door Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 90 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 92 seconds.



Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



Step 8: Set Relay 3 **ON** time. Press the set button 1 times (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 85 seconds.

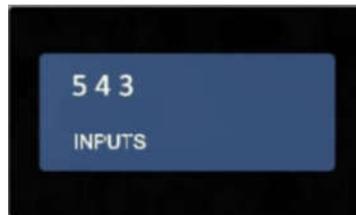


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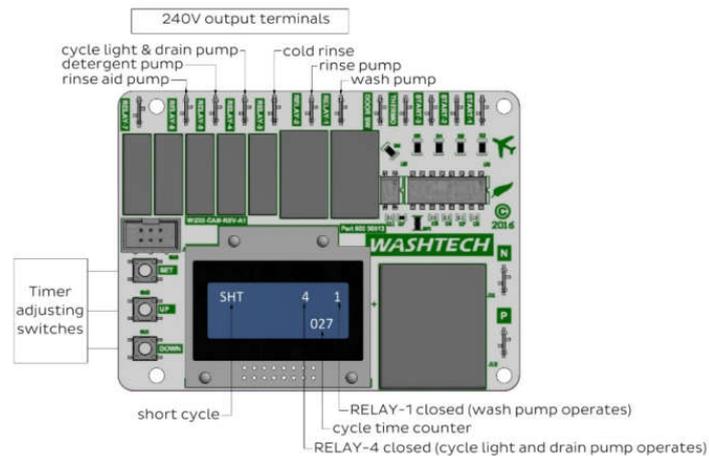
Step 9: Set Relay 3 **OFF** time. Press the set button 1 times (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 150 seconds.



Step 9: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 10: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the PW1-C, PW2-C

MODELS	PW1C	PW2C
DEFAULT		3
START		SWITCH
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	90
R2. RINSE PUMP	ON	92
	OFF	120
R3. CONDENSER BOOST FAN	ON	85
	OFF	150
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	150
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		120
LONG - ADD		240

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **SWITCH**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to chance the display to Switch Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 90 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 92 seconds.



Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



Step 8: Set Relay 3 **ON** time. Press the set button 1 times (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 85 seconds.

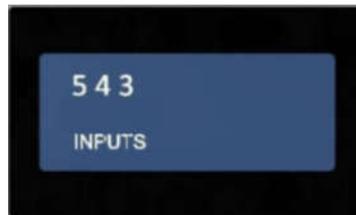


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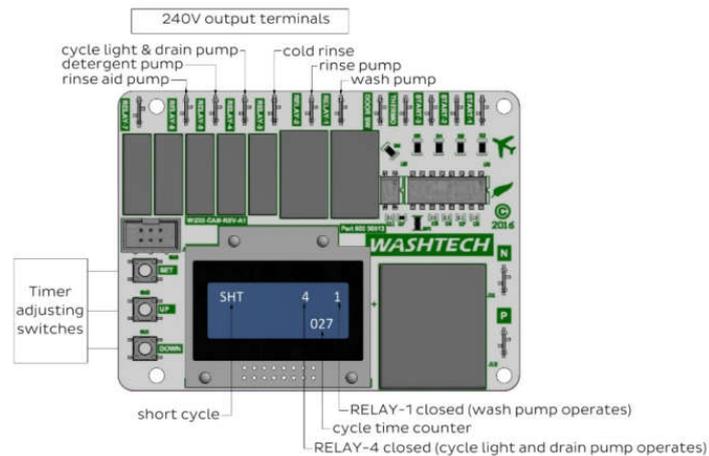
Step 9: Set Relay 3 **OFF** time. Press the set button 1 times (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 150 seconds.



Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the PW3-C

MODELS	PW3C	
DEFAULT	3	
START		SWITCH
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	105
R2. RINSE PUMP	ON	107
	OFF	120
R3. CONDENSER BOOST FAN	ON	100
	OFF	180
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	180
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD	120	
LONG - ADD	240	

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **SWITCH**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to chance the display to Switch Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 107 seconds.



Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.

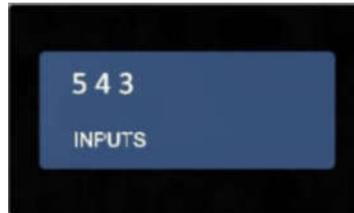


INSTRUCTIONS CONTINUED ON NEXT PAGE

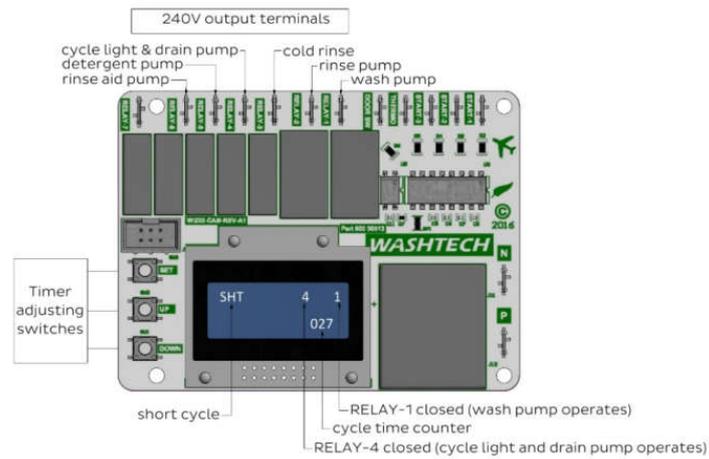
Step 9: Set Relay 3 **OFF** time. Press the set button 1 time (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 180 seconds.



Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.



Programming the TW2



MODELS	TW2	
DEFAULT	3	
START	BUTTON	
BREAK TANK	ON	
R1. WASH PUMP	ON	0
	OFF	98
R2. RINSE PUMP	ON	105
	OFF	120
R3. CONDENSER BOOST FAN	ON	100
	OFF	105
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	120
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD	120	
LONG - ADD	240	

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 98 seconds.



Step 5: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



Step 7: Set Relay 3 **ON** time. Press the set button 1 time (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 100 seconds.



Step 8: Set Relay 3 **OFF** time. Press the set button 1 time (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 105 seconds.

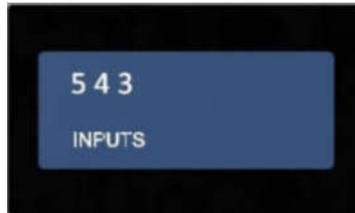


INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 9: Set Relay 4 **OFF** time. Press the set button 2 times (or 11 times if returned to inputs) to advance to Relay (4) OFF:, press the up or down button to change the timing to 120 seconds.



Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.

