

May, 2023

TRAINING BULLETIN

#TB10013

TOPIC

Electric pressure washer auto start/stop control box timer settings.

MODEL REFERENCE

X-1520FW1ARH, X-1520FW1GENH, X-2050FW1A, X-2050FW1GENHT, X-2775FW1A, X-2775FW1GENHT, X-2050FW3GENHT2, X-2775FW3GENHT2, X-2775FW3GENHT4, X-3010FW3GENHT or any carted electric unit with a BE control box



BEFORE MAKING ANY ADJUSTMENTS TO ELECTRICAL COMPONENTS ENSURE NO POWER IS GOING TO YOUR MACHINE

Symptoms

- Unit cutting in and out.
- Pressure washer will run for a few seconds with a squeezed trigger, then turn off shortly after.
- Lights are on in box, motor does not start when trigger is engaged.

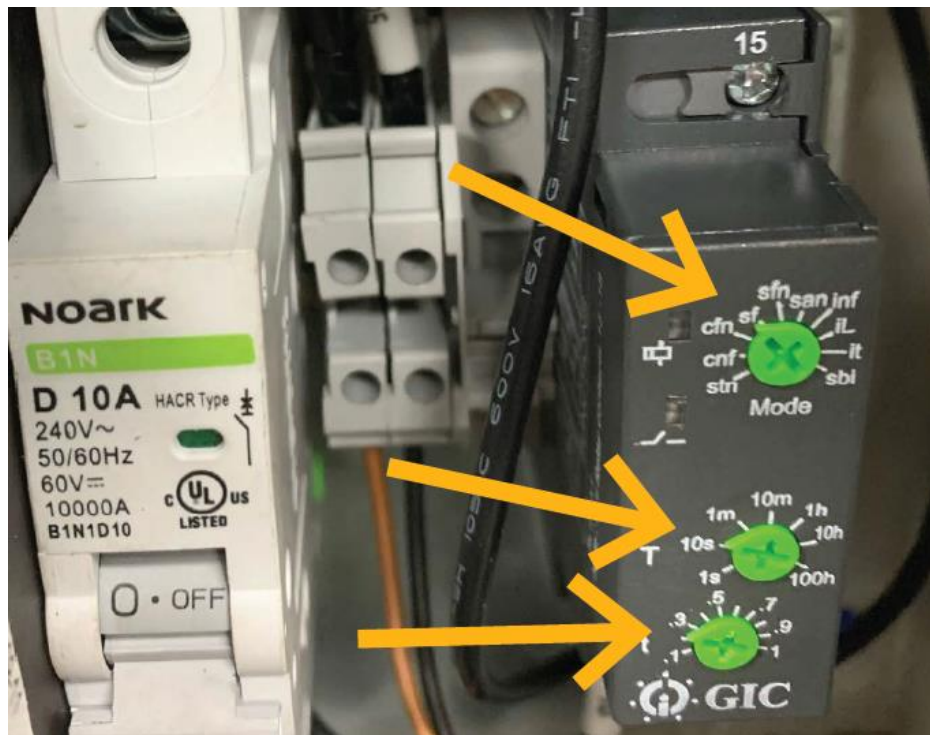
Where your timer is located

Below is an example of a control box that would come standard on all of BE's commercial wall mount pressure washers. Depending on the voltage of your unit it may look different, but they will all contain a switch with 3 dials.



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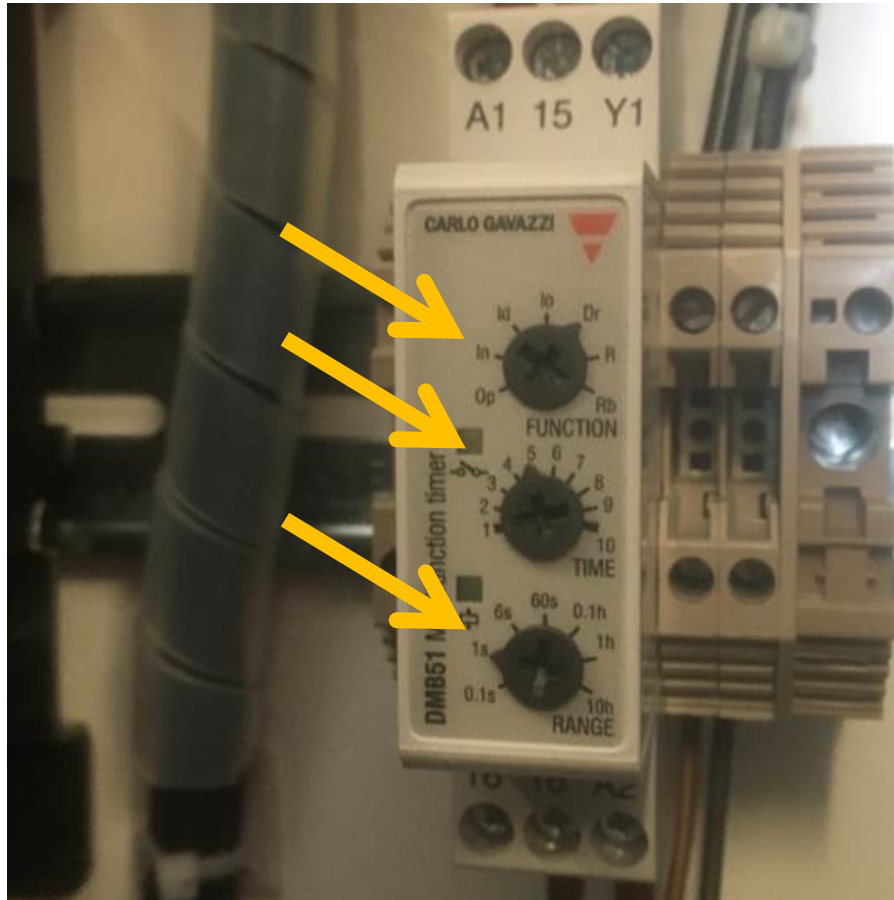
The timer controls how quickly your unit will turn on when the trigger is squeezed (t), and how soon it can engage after the last time the trigger was squeezed (T). You will want to ensure each setting on your timer is the same as the example.



Mode: sf (signal off delay)

T: 10s (controls the delay between squeezes, after releasing trigger it takes 10 seconds before you can engage motor again, delay reduces wear on motor)

t: .2s (between .1 - .3 this is the delay time it takes for the motor to activate when the trigger is squeezed, should be instant)



Alternatively, you may have a box with black dials, the terminology is different, but the functions are similar.

Function: Dr (delay on release)

Time: 5s (controls the delay between squeezes, after releasing trigger it takes 5 seconds before you can engage motor again, delay reduces wear on motor)

Range: 1s (1 second delay for the motor to activate when the trigger is squeezed, will be almost instant)

When adjusting the control box, you must cut power to the unit. Any adjustments made to the box with the power on will not be applied. For your safety, and for the changes made in the box to take place, always turn the associated breaker in your buildings panel to the off position.