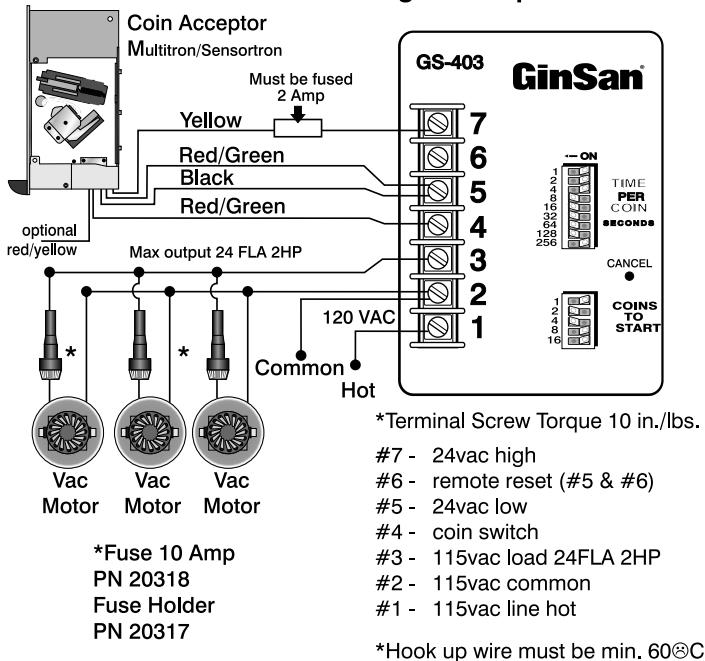


GS-403 Timer Accumulating Wiring Instructions & Technical Information on Vacuum Applications 115 Volts AC 60Hz

GS-403 Timer Wiring Hook-Up



Setting the COIN to START Switch

The Coins to Start is determined by adding the total number of switches in the "On" position.

Example: 1+2 = 3 coins to start



Starting the Timer

Jump a wire between terminals #4 and #5. A count will register in the timer for every jump, which is the same as putting coins in the coin acceptor

If Timer Fails to Start

Disconnect the switch wire on terminal #5 and repeat starting procedure.

If timer starts at this point, the trouble may be...

1. A bad coin switch or acceptor.
2. Broken wire or bad connection.
3. Wires shorted between terminals #4 and #5 or shorted between #5 and #6.

Timer Starts on One Less Coin than Setting

Coin switch wired wrong (should be wired to normally open terminal & common terminal).

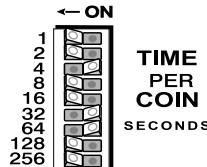
Setting the TIME PER COIN Switch

Determine amount of coins to start the timer.

Example: 3 coins to start

Convert time desired to seconds.

Example: 5 min. = 300 seconds



Divide the total time (seconds) by the coins to start the timer.

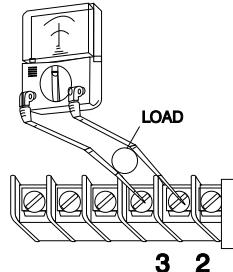
Example: 300 sec. / 3 = 100 seconds per coin

The Time per Coin is determined by adding the total seconds of the switches in the "On" position. If for instance, the desired time is 100 seconds, switch on the number of switches needed to add up to 100 seconds.

Example: 100 sec. = 64+32+4

Checking Power Out to Motors

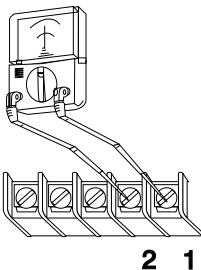
A load of no less than .5 amps has to be hooked across terminals #2 and #3, to indicate time turning on. Without a load on the timer, it may not turn on or shut off. A volt meter across terminals #2 and #3 will indicate timer turning on and read output voltage. Check amp draw of motors using a clamp-on type amp meter.



3 2

Checking Power to Timer

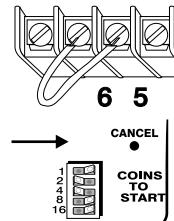
Using a volt meter across terminals 1 and 2 will indicate incoming voltage.



2 1

Stopping the Timer

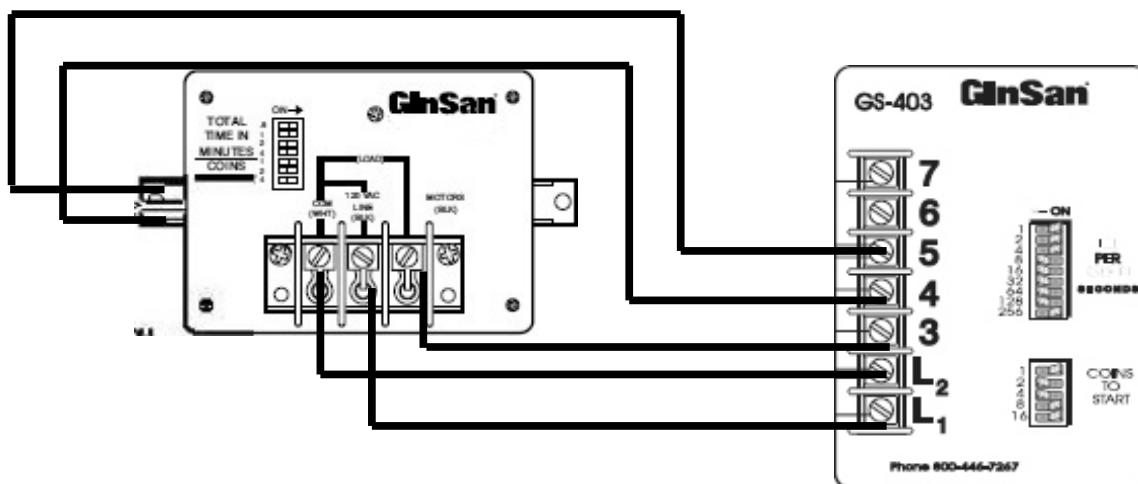
Use a jumper wire and touch across terminals #5 and #6. Or Press the Cancel button.



If Timer will Not Stop

All time switches are in the off position.

GS-101 to GS-403 Conversion



GS-11 to GS-403 Conversion

