## Most Common Problems

When troubleshooting，never assume any－ thing，always check it out totally，or you will probably miss something．A lot of problems are the most obvious things we overlook

1．Display not lit up－first verify with a voltmeter that 22 to 28 volts is present to the timer．If connected with a push－in type harness， remove and reinsert harness as it may be corroded and not making good connection．Clean connectors if needed．Disconnect power for 30 seconds and reapply．Sometimes a power surge can lock up the electronics and this will reset it．

If you have an older timer with an internal back up battery in it the battery could be weak or dead．If you are trying to use a timer that has been in storage for some time follow these hints．Some timers have self charging batteries and if you leave it plugged in for 30 minutes，it may start working once you disconnect and reapply power．You will need to reprogram if this happens．

Z．Time shows on display and counting down but nothing turns on－take a small piece of wire stripped on both ends and touch be－ tween 24 volt hot and timer output．Timer is now out of system and if nothing still turns on you have a problem elsewhere，possibly rotary switch or touch pad．


Note：Pictures apply to Dixmor LED7 timer．Wiring may vary for different makes \＆models．

3．Low pressure functions work but high pressure pump does not run－first verify drive belt for pump is not broken．Second check breaker in high voltage distribution panel，turn it off and back on as
one leg only might be tripped．－－－WARNING－－－IF YOU ARE NOT EXPERIENCED WITH HIGH VOLTAGE STOP HERE．OBTAIN QUALIFIED HELP．Next verify that motor starter has high voltage coming to it and passing all legs through it．Do not discount the possibility that there may be a fuse somewhere in the system that is blown．

4．Timer shows time expired but system continues to run．Disconnect timer output wire；if system shuts off，timer is probably defective．If system stills runs you probably have a bad relay，or motor starter contacts stuck in the closed position． Even though it is rare，occasionally a power surge can lock up a timer． Remove power for a few minutes to allow reset．

5．Inserted coins are accepted but do not add up time．－Make sure timer is programmed correctly．If new installation you probably have the polarity reversed．Double check the instructions and make sure you are wired according to the timer instructions，not the coin accep－ tor instructions．If unit has been working and now isn＇t，take a short piece of small wire and momentarily touch between coin common and coin signal．Each touch should add one pulse．Some timers use 24 v hot for coin signal and some may use 24 v common．If you don＇t know which you use，touch between 24 v hot and coin signal．If this doesn＇t work，touch between 24 v common and coin signal．If you still get no pulse you probably have a defective timer and it should be returned for service．

6．Horn does not sound or continuous horn．－Verifies proper polarity according to timer instructions．Replace with known working horn．Sometimes we find a horn which is labeled for the wrong voltage． Double check programming to verify that horn has not been turned off．Timer may have shortened horn driver and need to be returned for service．continued on page 11．．．


## Youctar Sulusion



## LED 6

Shelf mount timer - case size $3.5^{\prime \prime}$ wide x $2^{\prime \prime}$ tall x $3^{\prime \prime}$ deep
Super bright red dot matrix LED display 2 1/2" x 3/4"
Standard 24vac timed load plug four extra inputs and four outputs for combo machines

Two separate time and price settings. One for timing standard output, one for timing extra outputs

Credit card input with advanced features: count up in time or money, display programmable message during count up

All the standard features of the LED5 and LED7 timers

LED 6 Vac/Bay Timer

DMLED6

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