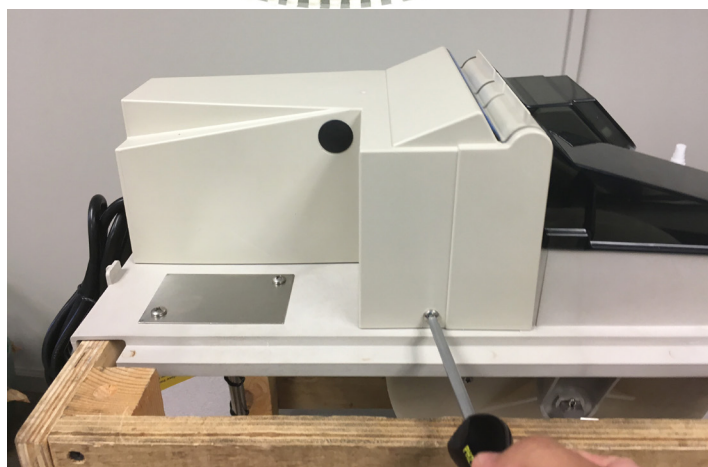
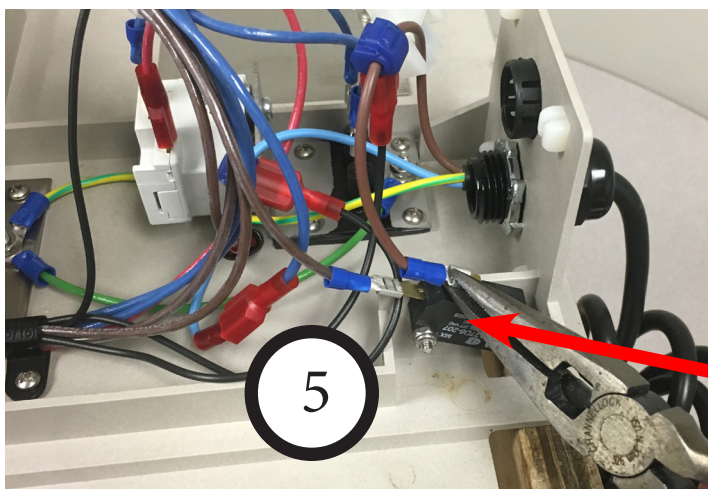


1. Big Dipper units 14000 series or earlier are controlled by a timer. To begin troubleshoot, locate the time of day arrow on the timer and rotate the timer to be set on 12 as illustrated. (Please note, to have the unit in the ON position, push tabs towards the middle on the time of day arrow.)



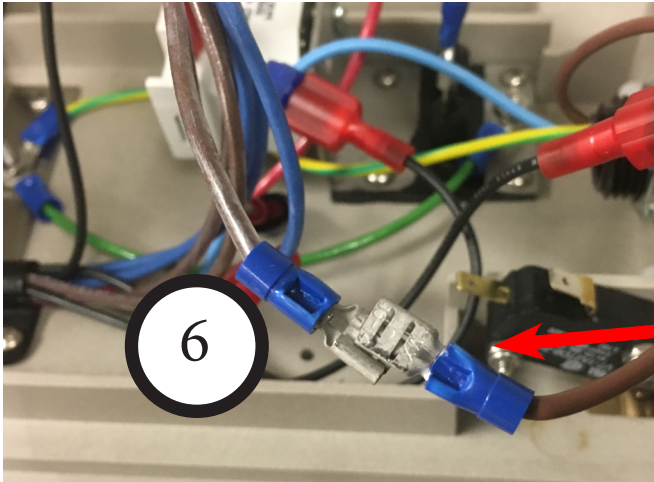
2. The timer rotates clockwise every 15 minutes to the next white tab. For example, in one hour the time of day will be at 1.

3. Set the timer at 12 and return in 1 hour. If your timer is set at 1 after 1 hour then you will need to replace the motor on your unit (M-58 Motor). If your timer has not moved, please go to step 4.



4. Unplug the unit and remove top cover. ((1) screw on each side and (4) on the rear.)

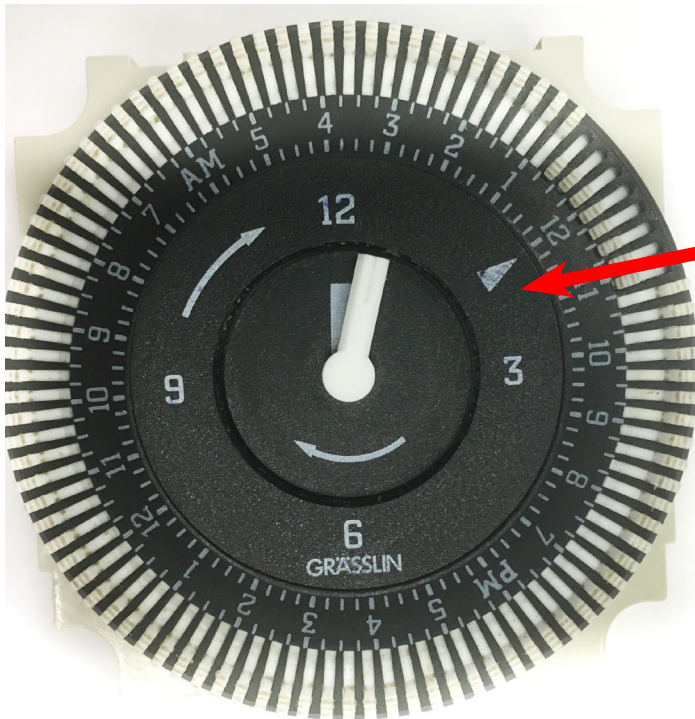
5. Locate safety switch inside the unit and remove both wires from switch. Needle pliers may be necessary.



6. Connect both wires together as illustrated on picture. Please make sure these connectors are not touching other wires.

7. Please connect unit to a power source.

8. Check timer and make sure the white tabs on time of day are pulled down towards the middle.



9. If your unit starts working/skimming then you will need to replace your Micro Safety Switch (MSS-7). Do not leave your unit with a safety switch bypassed. This feature is designed for safety reasons.

10. If your unit does not skim after bypassing your safety switch and pulling tabs down on timer. Please check if your timer is keeping time again. If your timer does not move then your timer (ETC-1) needs to be replaced.