



SealMaster[®]
Pavement Products & Equipment

CRACK PRO
HOSE NOT HEATING

ENGINE AT FULL THROTTLE, CONTROL BOX AND AC POWER SWITCH ARE ON.

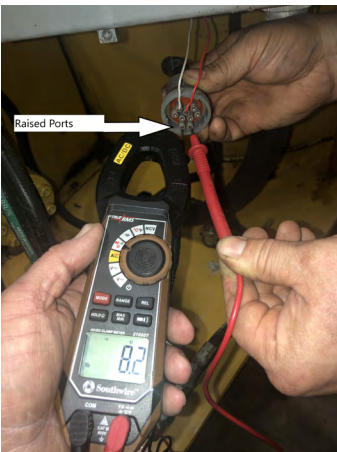
1. Does AC meter show over 70 volts?



Yes, go to step 2.

No, go to step 6.

2. Does the hose show 7.5 - 8.5 ohms?



Yes, continue to step 3.

No, replace heated hose.



3. Is the out 1 light illuminated on the hose temperature controller?



Yes, continue to step 4.

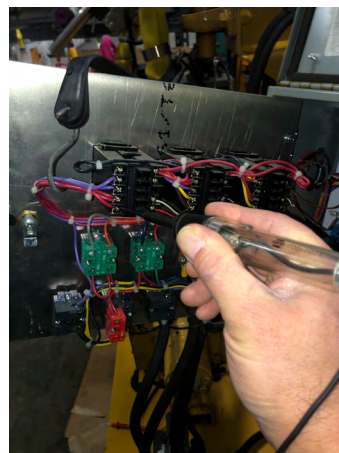
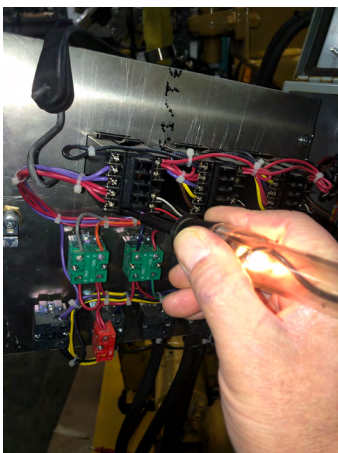
No, check temperatures and settings.

If your hose temp PV is more than 10° under the SV, your out 1 light should be illuminated.

If out 1 light is not illuminated when your hose should be heating, replace temperature controller.

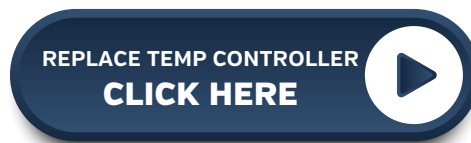


4. Do you have power on terminal 5 of the hose temperature controller [TC3-5]?

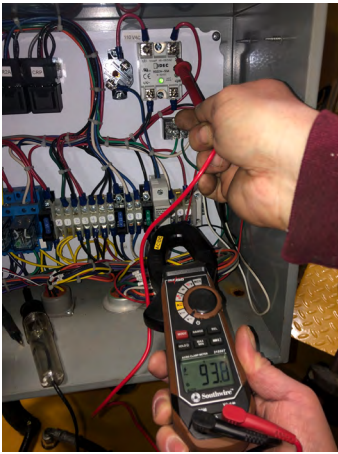


Yes, continue to step 5.

No, replace temperature controller.



5. Does the IDEC switch show over 70 volts on the top right terminal?



Yes, check heated hose wiring and connections. If the wiring and connections are good. Replace the hose.

No, replace the IDEC switch.



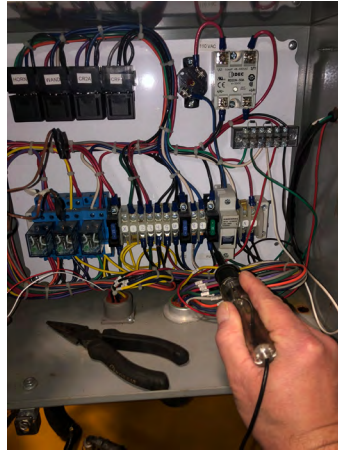
6. Are the generator belts tight?



Yes, go to step 7.

No, tighten generator belts.

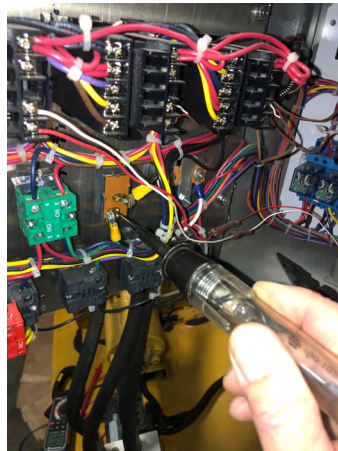
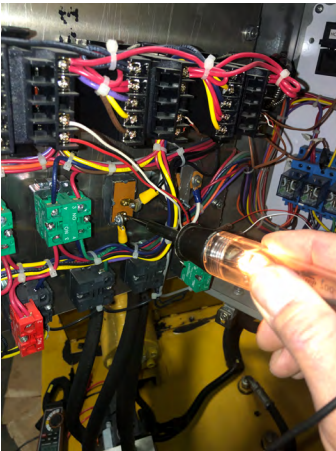
7. Do you have power on terminal FU-3 bottom?



Yes, continue to step 8.

No, replace fuse.

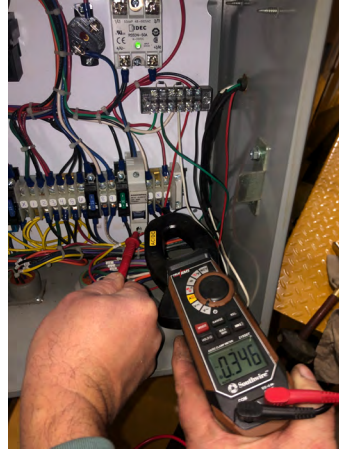
8. Do you have power at SW-1?



Yes, continue to step 9.

No, replace SW1 toggle switch.

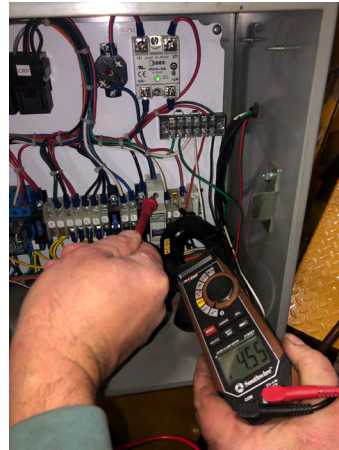
9. Set a volt meter to A/C power. Use terminal N for neutral.
Do you have over 70 volts on CB3-2?



Yes, go to step 10.

No, check wiring from control box to the generator.
If wiring is good, replace generator.

10. Do you have over 70 volts on CB3-1?



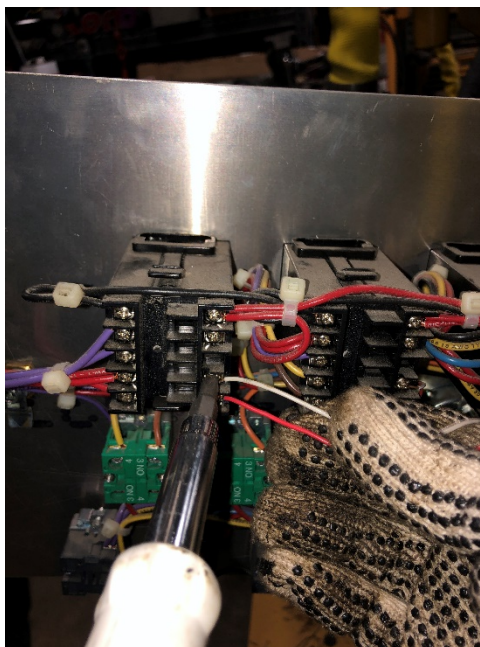
Yes, replace AC meter.

No, replace CB3 fuse.



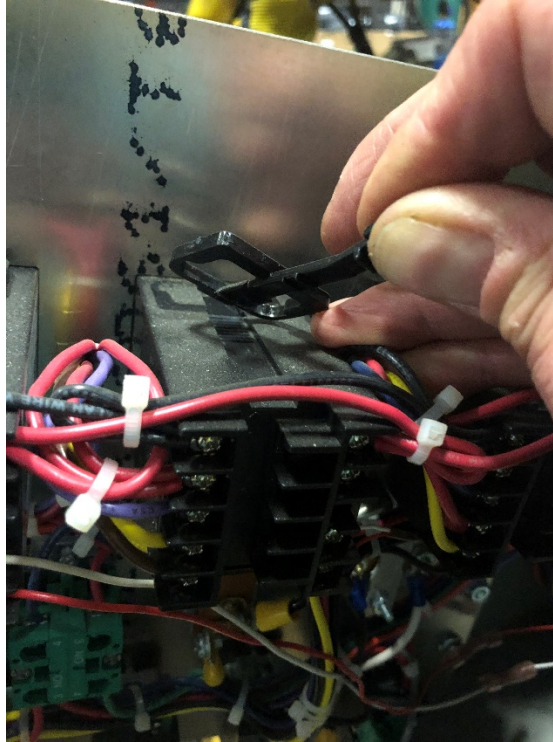
Heated Hose Replacement

1. Disconnect the Heated hose trigger connection from the wand.
2. Loosen the 3 bolts connecting the wand shoe to the wand (7/16").
3. Feed the hose into the wand until you see the shoe swivel to hose connection.
4. Loosen the connection and remove the wand shoe.
5. Pull the hose out of the wand in the direction of the triggers.
6. Loosen the screws on the red and black thermocouple wires on the back of the temperature controller.
7. Twist the hose to control box connection counter clockwise and pull the thermocouple wires through the connection.
8. Install new heated hose in reverse order.



Temperature controller replacement

Remove all of the wires from the terminals. Note: Take a picture of the wiring configuration before removal for reinstall efficiency. Lift and pull the tabs on the top and bottom of the temperature controller. Pull the controller out through the front of the door. Reinstall the new controller in reverse order.



Idec Switch Replacement:

1. Important: Turn off Control Box and engine.
2. Disconnect the 4 wires from the Idec switch by loosening the screws.
3. Unscrew the 2 middle screws to remove the Idec switch.
4. Install new Idec switch in reverse order.



CB3 Fuse Replacement:

1. Pull down the front tab of CB3 exposing the fuse.
2. Replace with a new fuse and push the door shut.

