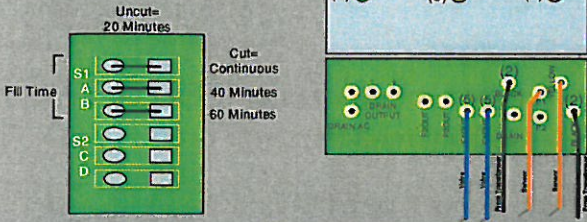
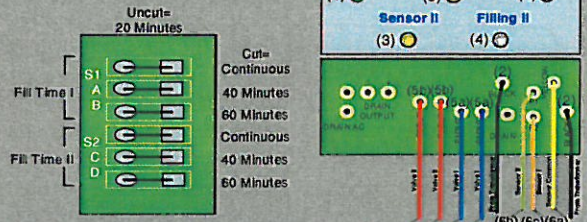


Troubleshooting

K-1100 Components



K-2300 Components



(1) Is the PWR Light Green?

No → (2) Is there 24 VAC at 2 black wires? → No → Check Transformer. (Next Page) / Yes → Replace Circuit Board

Yes → Has water dropped below the minimum level?

No → (3) Is the Sensor (I or II) Light Amber? → No → Unit is operating normally. / Yes → Check Sensor wiring.

Yes → (3) Is the Sensor (I or II) Light Amber? → No → Check Sensor wiring. / Yes → After 20 Seconds of the Amber Light (3) being lit, is the (4) Fill (I or II) Light Green? → No → Replace Circuit Board / Yes → Does the Fill Valve (I or II) open? → No → Is there 24 VAC at the (5, 5a or 5b) wires going to the valves? → No → Replace Circuit Board / Yes → Check Valve. (Next Page)

Does the Fill Valve and the (4) Green Light turn off once the water touches the sensor again? → Yes → Unit is operating normally. / No → Check Sensor wiring.

Does the Fill Valve turn off and the (4) Green Light turn Red after the allotted Fill Time? (Check Fill Time Jumpers). → Yes → Unit is operating normally. / No → Check Valve. (Next Page)

K-1100 Sensor Wiring Test

Disconnect the two (6) wire ends from the sensor. Does the Sensor light turn Amber when the two orange wires are put together? → No → Replace Circuit Board / Yes → Check Sensor. (Next Page)

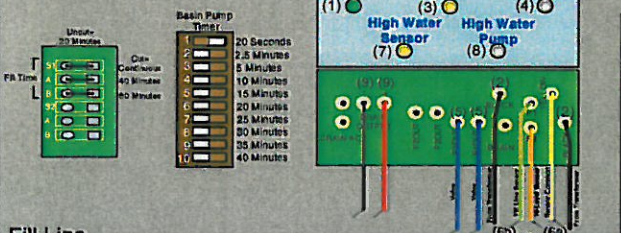
K-2300 Sensor Wiring Test

Disconnect the three (6a, 6b, 6c) wire ends from the sensor. Does the Sensor I light turn Amber when the Yellow and Yellow/Blue wires are put together? → No → Replace Circuit Board / Yes → Check Sensor. (Next Page)

And

Does the Sensor II light turn Amber when the Yellow and Yellow/Red wires are put together? → No → Replace Circuit Board / Yes → Check Sensor. (Next Page)

K-2000 Components



Fill Line

(1) Is the PWR Light Green? → No → (2) Is there 24 VAC at 2 black wires? → No → Check Transformer. (Next Page) / Yes → Replace Circuit Board

Yes → Has water dropped below the minimum level? → No → (3) Is the Sensor Light Amber? → No → Unit is operating normally. / Yes → Check Sensor wiring.

Yes → Is the (3) Sensor Light Amber? → No → Check Sensor wiring. / Yes → After 20 Seconds of the (3) Amber Light being lit, is the (4) Filling Light Green? → No → Replace Circuit Board / Yes → Does the Fill Valve open? → No → Is there 24 VAC at the (5) wires going to the valve? → No → Replace Circuit Board / Yes → Check Valve. (Next Page)

Does the Fill Valve and the (4) Green Light turn off once the water touches the sensor again? → Yes → Unit is operating normally. / No → Check Sensor wiring.

Does the Fill Valve turn off and the (4) Green Light turn Red after the allotted Fill Time? (Check Fill Time Jumpers). → Yes → Unit is operating normally. / No → Check Valve. (Next Page)

High Water

Has water raised in the basin to the maximum level? → No → Is the (7) Sensor Light Amber? → No → Unit is operating normally. / Yes → Check Sensor wiring.

Yes → After 2.5 minutes of the (7) Amber Light being lit, is the (8) High Water Light Green? → No → Replace Circuit Board / Yes → Does the Basin Pump turn on? → No → Is there 24 VDC at the (9) wires going to the relay? → No → Replace Circuit Board / Yes → Check Relay

Yes → Does the Basin Pump and the (8) Green Light turn off after the allotted time once the water drops below the maximum level? → Yes → Unit is operating normally. / No → Check Sensor wiring.

K-2000 Sensor Wiring Test

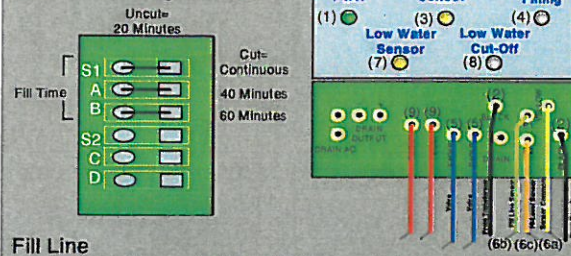
Disconnect the three (6a, 6b, 6c) wire ends from the sensor. Does the (3) Fill Light turn Amber when the Yellow and Yellow/Blue wires are put together? → No → Replace Circuit Board / Yes → Check Sensor. (Next Page)

And

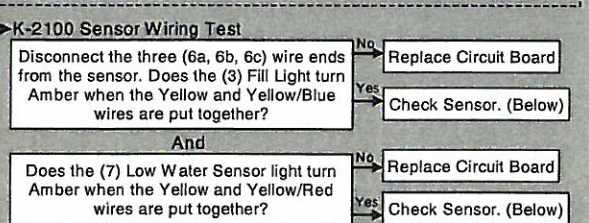
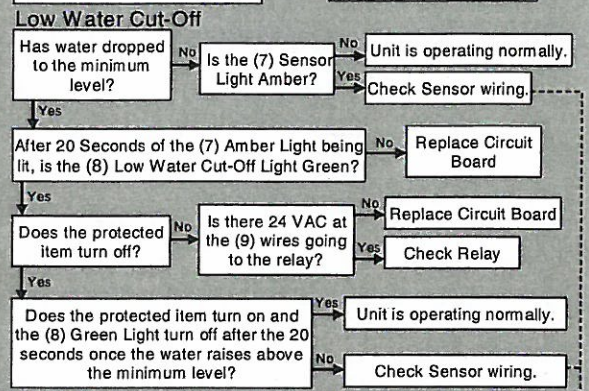
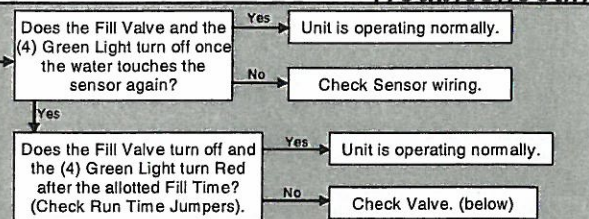
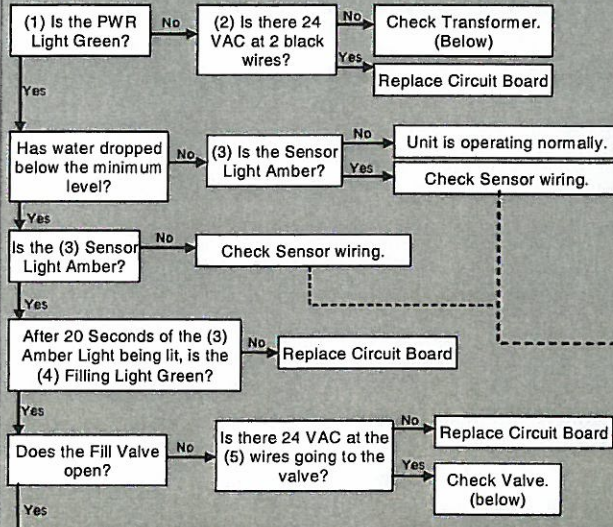
Does the (7) High Water Sensor light turn Amber when the Yellow and Yellow/Red wires are put together? → No → Replace Circuit Board / Yes → Check Sensor. (Next Page)

Troubleshooting

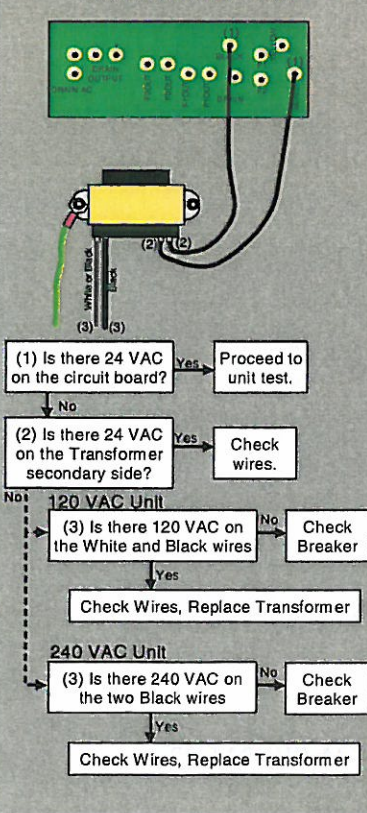
K-2100 Components



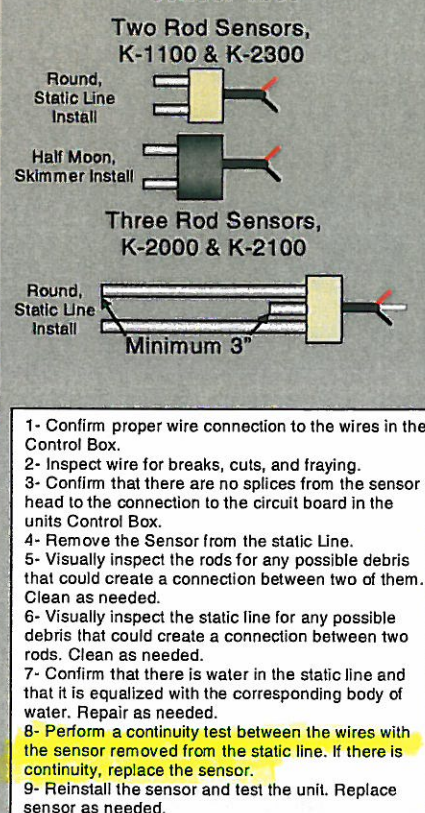
Fill Line



Transformer Test



Sensor Test



Valve Test

