

## No Power/No Light Condition on Splendide Washer

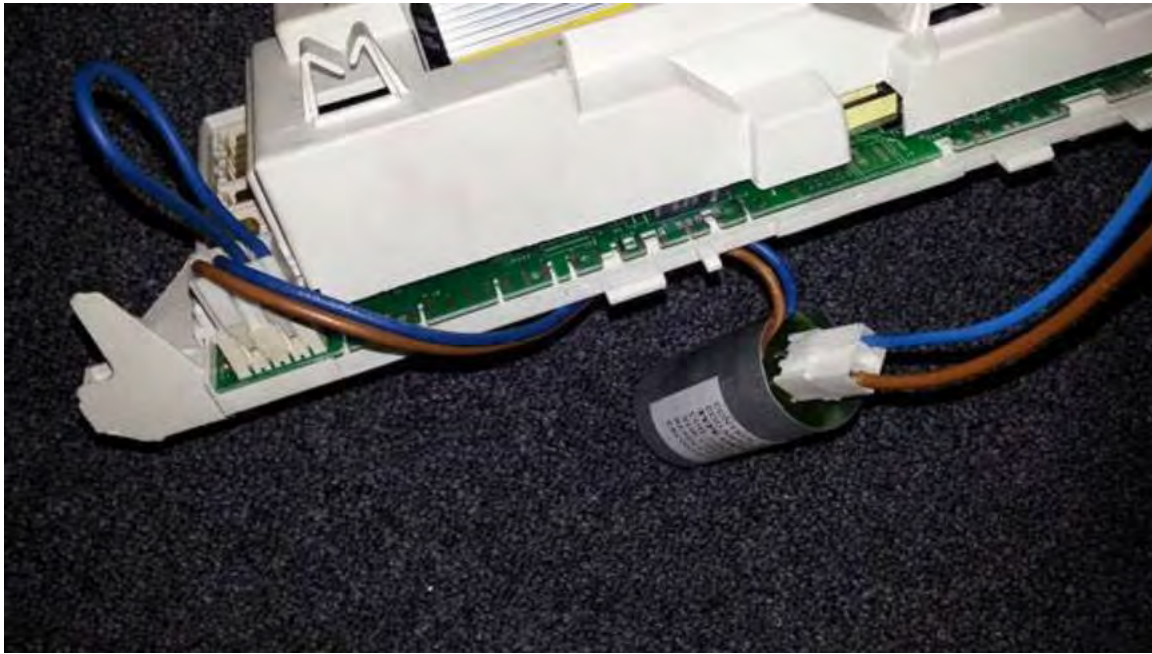
POWER WILL NEED TO BE TRACED FROM POWER CORD INSIDE FROM RFI FILTER (BROWN WIRE) TO SURGE PROTECTOR AND ON INTO THE BOARD. PLEASE SEE PICTURES, BROWN WIRE IS LOAD (120VAC) BLUE WIRES ARE NEUTRAL AND MUST BE COMPLETE ALSO. SURGE PROTECTOR NEEDS CONTINUITY FROM BROWN INPUT TO BROWN OUTPUT GOING INTO BOARD AND THE BLUE NEUTRAL ALSO NEEDS CONTINUITY FROM BLUE INTO SURGE PROTECTOR AND BLUE OUTPUT TO MODULE BOARD. REMOVE PLUGS TO ISOLATE SURGE PROTECTOR WHEN TESTING FOR CONTINUITY. IF THE SURGE PROTECTOR TESTS GOOD, THE BOARD MORE THAN LIKELY BAD. THIS APPLIES TO WD2000S, WD2100, WDC6200 MODELS AND PICTURES ALTHOUGH FROM XC MODEL WILL BE VERY SIMILAR WITH SAME SURGE PROTECTOR.

NOTE: IN WD2100 XC, ARWXF129 MODELS THE UPPER DISPLAY PANEL BOARDS POWER FEED MUST BE CHECKED, SEE PICTURE ATTACHED FOR THAT TEST ALSO.



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THE ABOVE PICTURE SHOWS TERMINAL JCT BLOCK OF POWER CORD. BROWN IS POWER FEED, BLUE IS NEUTRAL, GREEN WITH YELLOW STRIPE IS CHASSIS GROUND WIRES. EARLIER MODELS MAY LOOK DIFFEENT BUT WILL SERVE THE SAME PURPOSE.



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BOARD AND SURGE SUPPRESSOR HAVE BEEN REMOVED FROM MACHINE FOR PICTURES SAKE.



THE ABOVE PICTURE SHOWS THE PLUG FROM POWER FEED ATTACHED TO THE INPUT OF THE SURGE PROTECTOR, IN SOME CASES, THIS PLUG HAS BEEN EITHER FOUND LOOSE OR DISCONNECTED, OR HAS BEEN FORGOTTEN DURING INSTALLATION OF NEW CONTROL BOARD WHICH WILL CAUSE SAME SYMPTOM, NO POWER NO LIGHTS.

THE UPPER BOARD TEST BELOW FOR XC AND XF129 MODELS SHOW THE SMALL WIRE HARNESS THAT ATTACHES TO THE DISPLAY BOARD BEHIND THE BUTTONS. IF TEST IS GOOD AND STILL NO POWER OR LIGHTS, THEN MODULE BOARD IN BOTTOM OF MACHINE IS BAD.

### Upper Board Test



- Pin 1 to pin 2 should be 12 VDC
- Pin 2 to pin 4 and 5 should be 5 VDC
- If this tests good then either the button is not contacting the board or the board is bad.

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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!



DARREN KOEPP - OWNER, MY RV WORKS, INC.

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