



## 5000/6000 Series Cranes Troubleshooting

1. Get the serial number of crane (it's stamped on the front angle at the top of the turret.)
2. Check the power source  
The battery needs to be at least a 650 CCA HD battery (not Freedom type)
  - Is the truck running during crane operation?
  - (To adequately supply power for crane operation the truck must be running)
  - Are the crane & truck properly grounded?
  - (Refer to crane manual)
  - Is the hot cable properly connected at both the crane and the power source?
  - Measure voltage at the crane's power connection. Minimum voltage should be 13 volts at this connection. If the measurement is less than 13 volts, replace battery, alternator, or add an additional battery.
  - Check the connections on the battery terminals; remove any corrosion from both ground and positive posts.
3. Check Remote Control  
Note: when not in use put the remote in a dry area – never leave it plugged into the crane.
  - Is it plugged in all the way?
  - Are there any loose, exposed or frayed wires?
  - Are the switches sticking or loose? (switches should return freely to center position)
  - Check the cable where the 90 degree connector is connected at the crane. Are cable and connector fastened tightly?
  - Are the pins in the 90 degree connector damaged or bent?
  - Is there any moisture inside the remote?
4. Check the Micro switch  
The point on the micro switch should click when pressed. If not, it's defective & won't allow the hoist to lift the load.
5. Check the boom extension and weight of load  
The load could be too heavy for the extension length causing the crane to shut down (refer to load chart and reposition truck closer to load if necessary).
6. Check Terminals & Connections  
Is everything connected, clean and tight?

For further assistance, contact technical support at RKL, Inc.