



3200 Series Cranes Troubleshooting

1. Get the serial number of crane (it's stamped on the base plate of the crane)
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 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.
On an ERX crane, check both micro switches (turret housing and end of boom).
4. Check the cage at the end of the boom
Is cage bent or damaged & making contact with the micro switch causing the crane to shut down?
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 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? (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?

7. Check Terminals & Connections

Is everything connected, clean and tight?

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