



2500 Series Crane 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 500 CCA HD battery (not Freedom type)
 - a. Is the truck running during crane operation?
(To adequately supply power for crane operation the truck must be running)
 - b. Are the crane & truck properly grounded?
(Refer to crane manual)
 - c. Is the hot cable properly connected at both the crane and the power source?
 - d. 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.
 - e. 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.
 - a. Is it plugged in all the way?
 - b. Are there any loose, exposed or frayed wires?
 - c. Is the switch sticking? (should return freely to center position)
 - d. 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.