ELECTRICAL CONNECTORS

Electrical connectors are an effective and durable way to make terminal connections at valve coils, wiring harness connections, and various other locations on equipment. Enclosed wiring terminals help to protect against corrosion-causing moisture, however, they can be susceptible to water intrusion. Time, pressure washing, improper or loose re-assembly, and damage are all factors that contribute to failure of a connector.

Once a connector is corroded, it can be difficult to clean and service the part completely back to original condition. Any part that has been damaged by corrosion will likely fail again. Keeping the connectors tight, clean, and sealed will help to prevent this damage

When checking any connector, inspect it for damage or improper assembly. Make sure the wire entrance, (strain relief) is tight and no places exist where water can intrude. Examine any latches or locks for damage or incorrect assembly. Open the connector and check for corrosion at the terminal contacts and wire connections. Look for loose wire connections and damaged wires. Correct any problems and if necessary, replace the connector. When inspecting or replacing the part, apply some dielectric grease to the wire terminals and the terminal contacts to prevent corrosion. If water does get in, the dielectric grease will help to prevent corrosion problems.

A little preventive maintenance on any electrical connectors will ensure that the connector will remain clean and intact for a long time. Ensuring that connections are properly maintained helps you to provide a safe and dependable piece of equipment that will satisfy your customer each time they use it.
If you have any questions, please contact Skyjack Product Support at 1-800-275-9522 or email service@skyjack.com

TECH TIDBIT

Technicians be aware! There are new North American (ANSI and CSA) standards on the horizon. These new standards will affect machine operation and capabilities. It is a good idea to familiarize yourself with the new standards to be prepared for upcoming changes in order to do your job correctly and effectively. You can look at the information at www.skyjack.com/ansi-whitepaper.

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