

10/14/2015

3 THINGS TO REMEMBER

This month we have 3 small items that are important to remember when troubleshooting your Skyjack Aerial Work Platform.

1. When testing electrical circuits on Skyjack aerial equipment, please remember that we do not use the machine frame as a ground. The ground circuits on Skyjack models are a dedicated ground circuit with their own wiring and are circuit protected. Any solid white #02 wire or solid white #00 wire is intended as a ground wire. Every valve coil, light, alarm, etc, has a ground wire attached to it that will provide the ground portion of the circuit. When troubleshooting, please check the ground circuit breaker and use the white ground wires when attaching your volt meter leads.

2. When working on any Skyjack scissor lift, the serial number plate is a source of valuable information. In addition to the machine model and serial number, the serial number plate states the main relief and lift relief valve settings, the maximum drive height, and the model year. When testing the machine's hydraulic pressures, consult the serial number plate for the correct relief valve pressure settings. When testing the machine functions and limit switches, it is valuable to know if the machine is drivable at full height, consult the serial number plate for that information. If the plate is damaged and unreadable or missing, a replacement part is available from Skyjack parts department.

3. When you are troubleshooting a problem on any equipment, it is always best to test ALL functions before trying to determine the exact problem. Look for function/problem commonality. Multiple functions can be affected by the same limit switch or valve and if all the functions related to that specific limit switch or valve are failing; this may pinpoint the source of the problem. By operating ALL functions and checking common points, you can save a lot of troubleshooting time and effort.

When servicing or troubleshooting your Skyjack scissor lift, boomlift, or telehandler, please use the correct manual for the model and serial number of the unit you are working on. If you have any questions or need further assistance, please contact Skyjack Product Support at 1-800-275-9522 or email service@skyjack.com