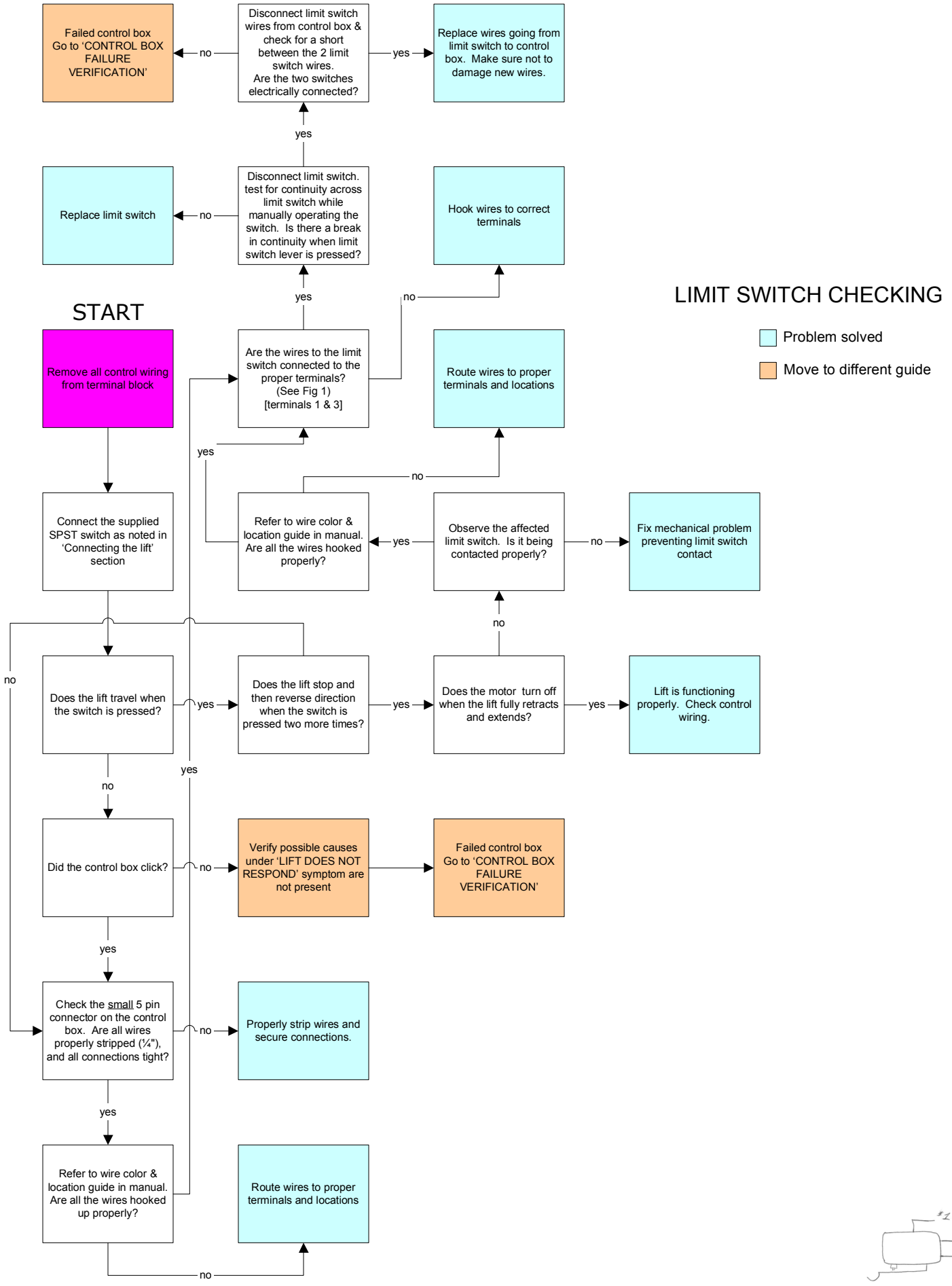
LIMIT SWITCH CHECKING
Problem solved
Move to different guide
START
Remove all control wiring from terminal block
Connect the supplied SPST switch as noted in 'Connecting the lift' section
Does the lift travel when the switch is pressed?
Did the control box click?
Check the small 5 pin connector on the control box. Are all wires properly stripped (¼"), and all connections tight?
Refer to wire color & location guide in manual. Are all the wires hooked up properly?
Are the wires to the limit switch connected to the proper terminals? (See Fig 1) [terminals 1 & 3]
Refer to wire color & location guide in manual. Are all the wires hooked properly?
Does the lift stop and then reverse direction when the switch is pressed two more times?
Observe the affected limit switch. Is it being contacted properly?
Does the motor turn off when the lift fully retracts and extends?
Disconnect limit switch. test for continuity across limit switch while manually operating the switch. Is there a break in continuity when limit switch lever is pressed?
Disconnect limit switch wires from control box & check for a short between the 2 limit switch wires. Are the two switches electrically connected?
Failed control box Go to 'CONTROL BOX FAILURE VERIFICATION'
Verify possible causes under 'LIFT DOES NOT RESPOND' symptom are not present
Failed control box Go to 'CONTROL BOX FAILURE VERIFICATION'
Properly strip wires and secure connections.
Route wires to proper terminals and locations
Route wires to proper terminals and locations
Fix mechanical problem preventing limit switch contact
Lift is functioning properly. Check control wiring.
Replace limit switch
Replace wires going from limit switch to control box. Make sure not to damage new wires.
Hook wires to correct terminals
yes
no

Fig. 1