

ADDITIONAL TROUBLESHOOTING TECHNIQUES FOR THE TLD 025133 JOYSTICK CONTROLLER



1) Delay to off on the track drive:

This condition is caused by excessive hydraulic flow rates through the control valve for the tracks or rollers. Turn down the track speed (slightly) using the flow control needle valve and the problem will go away.

2) Tracks or wheels will not come up:

If (for example) the output (Yellow LED D34, wire #69) from the joystick controller is commanding elevator tracks up but this is not occurring, the sequence valve under the elevator may need to be adjusted. The adjustment trip pressure is about 2000psi. Refer to the Lantis manual for making this adjustment.

3) Engine demand delay to off:

This is normally 3 seconds on the Interphasic LLC replacement joystick controller. Press and release any test switch, then take note of the amount of time it takes until the yellow demand LED (to the far right) turns off. This should be about 3 seconds. If the LED is turning off and the demand is still on, then you may have another timer in the electrical circuit for engine demand delay to off. Look for a black 2.5" timer, not the orange timer! Wire 41 can be bypassed on this timer so that the joystick controller delay to off engine demand is the only timer operating in this circuit.