

# COUNTAX™

**SERVICE BULLETIN**

**03- T7.19**

**DATE: 21/08/03**

**MODELS CONCERNED: All Tractors with Dial Height**

**CONCERN: Fault Finding Instructions**

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**Technical Bulletin 03-T7.13 should also be referred to.**

The Dial height PCB is the same basic unit for all Dial Height Systems. There are 2 basic types a 90° PCB and a 15° PCB. The 90° PCB is used on all Tractors which have a numbered decal. All 15° PCBs are used on Tractors equipped with OMS.

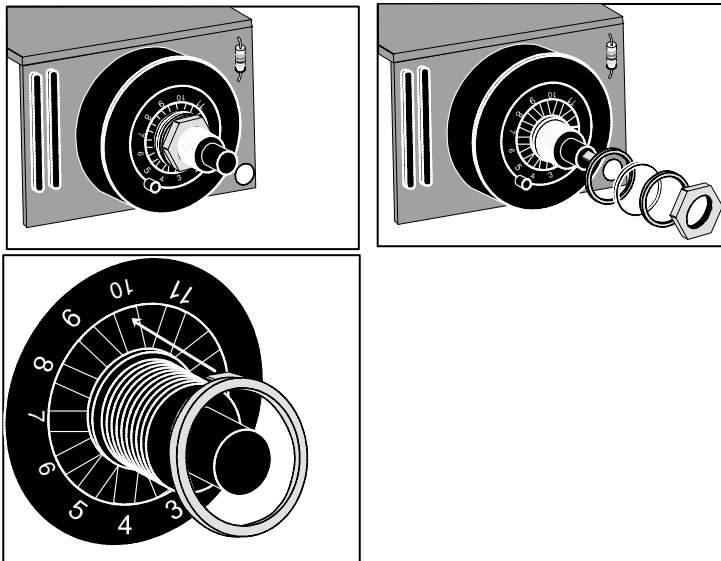
## **FAULT – CUTTER DECK DOES NOT LIFT OR LOWER OR IS ERRATIC**

**On Pre OMS Tractors The following areas need to be checked:**

The black and red wires that connect to the original switch socket are making a good connection and are colour matched ie red to red & black to black.

That all connections are correctly made and in good condition

The switch has only 10 positions – this is a 12 position switch limited by a tab washer under the operating knob. Positions 11 & 12 will result in erratic deck operation.



Remove the cutter deck and the deck lift springs ( if fitted) then unbolt the actuator from the rear deck lift cradle. Then check for ease of operation of the cradle assembly. This should be easily lifted by hand. Correct or replace any damaged or sticking parts. Then refit the actuator, deck lift springs and Cutter deck.

That all wires from the 8 way PCB connector are making good contact with the PCB. Referring to the wiring diagram check all wires for continuity.

Replace the PCB if all of the above are found to be correct. If this does not fix the problem then you will need to fit a new actuator.

### **On OMS Tractors The following areas need to be checked:**

That all connections are correctly made and in good condition

The switch has only 10 positions – this is a 12 position switch limited by a tab washer under the operating knob. Positions 11 & 12 will result in erratic deck operation.

Remove the cutter deck and the deck lift springs, then unbolt the actuator from the rear deck lift cradle. Then check for ease of operation of the cradle assembly. This should be easily lifted by hand. Correct or replace any damaged or sticking parts. Then refit the actuator, deck lift springs and Cutter deck.

That all wires from the 8 way PCB connector are making good contact with the PCB. Referring to the wiring diagram check all wires for continuity.

Replace the PCB if all of the above are found to be correct. If this does not fix the problem then you will need to fit a new actuator.

### **FAULT – CUTTER DECK HEIGHT IS NOT DISPLAYED ON DASHBOARD**

Main PCB is not programmed see technical bulletin

Pink wire from Dial height PCB is not making contact with Main PCB

Voltage should step up as the dial height knob is turned on the pink wire between 0 and 5 volts approximately.

**Note:** early PCBs do not have a track to the pink wire pin so these will not work with OMS tractors . These should all be 90<sup>0</sup> PCBs.

## FAULT – CUTTER DECK HEIGHT DISPLAY WORKS BACKWARDS

Only on C series where the link pin has not been fitted as shown in technical bulletin 03-T7.14. Once fitted the deck height may need to be altered.

