

System Alarm Codes ACQ cable reel

ACQ cable reel T1

ACMCP cable reel T2&3



System Alarm Codes ACQ cable reel T1



Alarm Code 1 (Length Sensor)

This code is caused by the output data of the length sensor is lower (code 1).

Actions to take; Level the machine, Fully retract the boom and lower the angle to zero degrees. Check the cable is spooling properly on the drum. If cable is built up on one side of drum correct it and adjust the roller guide to correct.

1. Remove the cover of the cable reel using a m3 allen wrench and check the +5.00vdc (Typically the voltage is about 4.94vdc) See Fig 1. If the voltage is ok continue to step 2, if not check the wiring from the cable reel to the boom base connector for damage.
2. Using a flat tip screw driver adjust the center screw until the length is correct. (Fig 1) 33.0 feet or 10.0 meters. The percentage on the display should be zero (Fig 2)

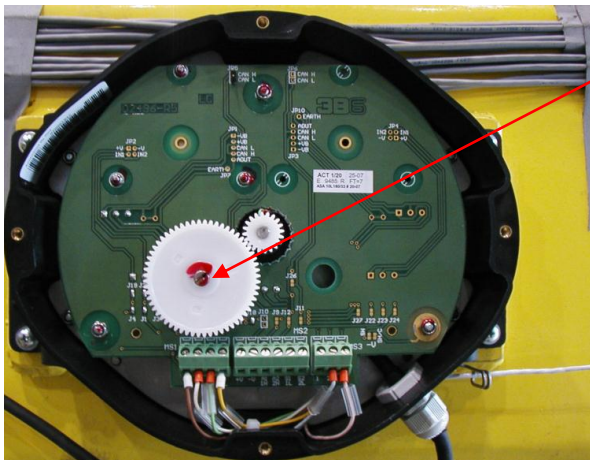
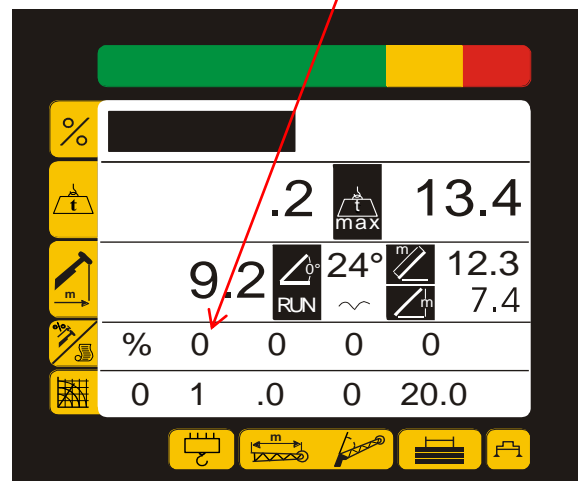


Fig 1

T1

Fig 2 This will indicate all zero with the boom fully retracted



System Alarm Codes ACMCP cable reel T2-3

Alarm Code 5 (Length Sensor)

This code is caused by the output voltage of the length sensor is lower (code 5) than the minimum.

Actions to take; Level the machine, Fully retract the boom and lower the angle to zero degrees.

1. Remove the cover of the cable reel using a m3 allen wrench and check the +5.00vdc (Typically the voltage is about 4.94vdc) If the voltage is ok continue to step 2, if not check the wiring from the cable reel to the MC2M controller and boom base connector
2. Check the output of the length sensor. The output of the length sensor when the boom is fully retracted should be approximately .250vdc.. If the wiring is ok, press down on the length pot swing arm(Fig 3) and adjust the gear until the display indicates what the minimum boom length for that model of machine. 33.0 feet or 10.0 meters

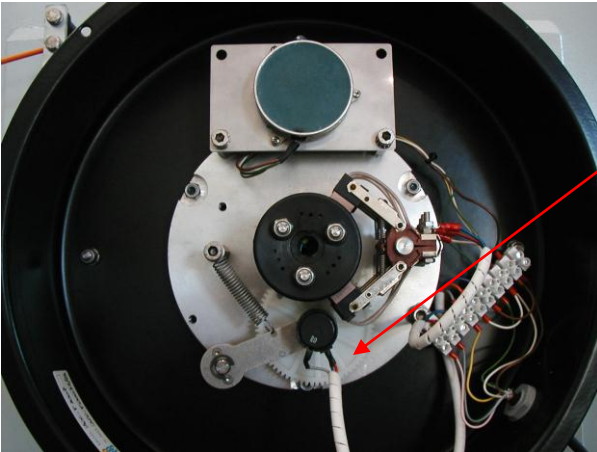


Fig 3

T2 and 3
Fig 4 These will
indicate zero with
the boom fully
retracted

