# Change log for Tractor

Until 29.11.2011 no version number was used.

## Version 000.001

30.11.2011

Version number implemented starting at 000.001 send command ‘v’ to get version in terminal window

Updated ADC reading. Earlier version had a bug and readings from different channels affected the reading of the active channel giving noise on the signal. I.e. Free run ADC replaced with single collection ADC.

## Version 000.002

Lower case ‘v’ command will return an ID value.

This value can be set using capital ‘V’ followed by 5 characters.

# Version 000.003

Change to ADC- AREF must be connected to GND trough a 100nF capacitor

# Version 000.004

Stopped to use ADC0 as it seems to have some crosstalk with ADC4 (PCB temp sensor),

Will use ADC3 in software instead

AVCC must be connected to VCC to get correct signal on ADC

# Version 000.005

Change output for DAC to utilize full range +-10V

MAX DAC Value put to 160 out of 255

# Version 000.006

New card layout new input/output pins changed in firmware //Green card Tractor -Tofd

Some different ADC as well

Commando ‘t’ og ‘u’ byttet om på i main.h

# Version 000.007

Add one more relay output for Anti Spin. PC5 will control this one

Will go low if high speed enabled

Added Timeout: will stop tool if communication is lost

Version 000.010

# Other

Coms speed 19200