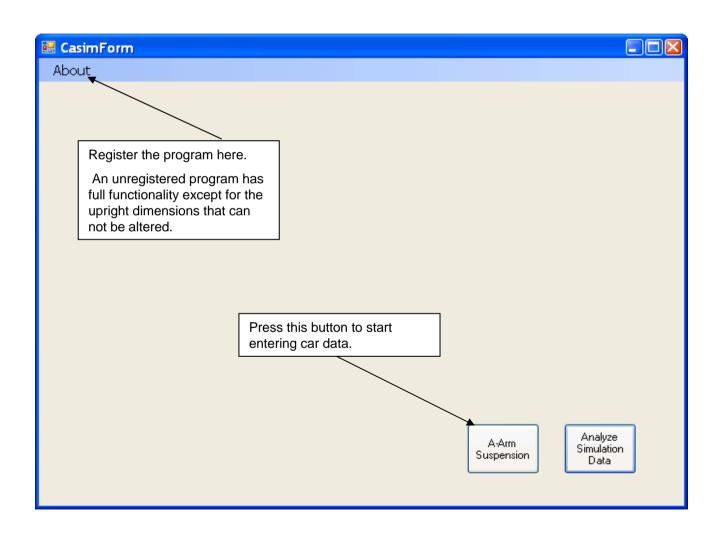
CASIM

KNOWN BUGS

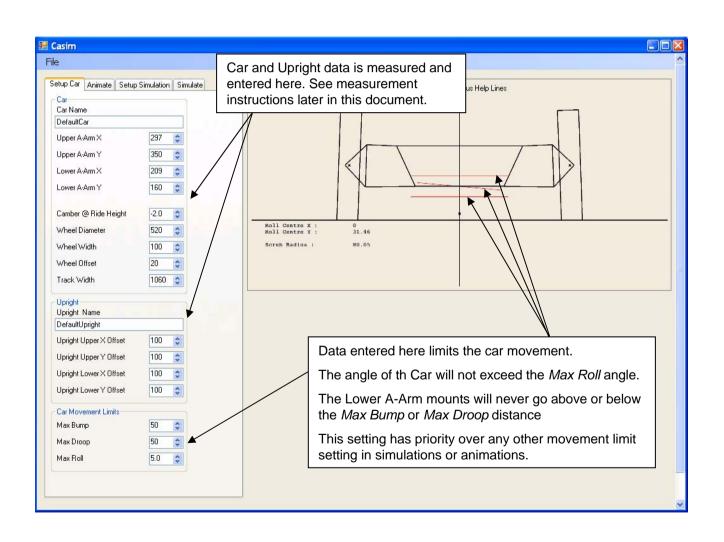
- No real check if dimensions of the suspension is reasonable with regards to the movements.
 - I.E Program may hang if movements are not limited enough so that solid suspension details would have to "stretch".
- Program may crash or hang for unexpected input. Some checking is done. Use reasonable dimensions.
- Screen update is slow (it sucks, but on the other hand it is not an arcade game)
- No caster setting causes dimensions for upright to be slightly wrong during calculations.

BRIEF DESCRIPTION OF THE PROGRAM

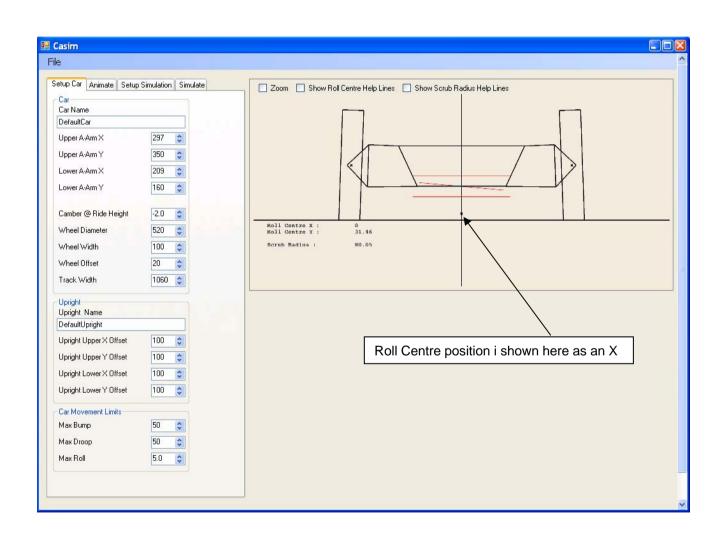
STEP 1: REGISTRATION MAIN WINDOW



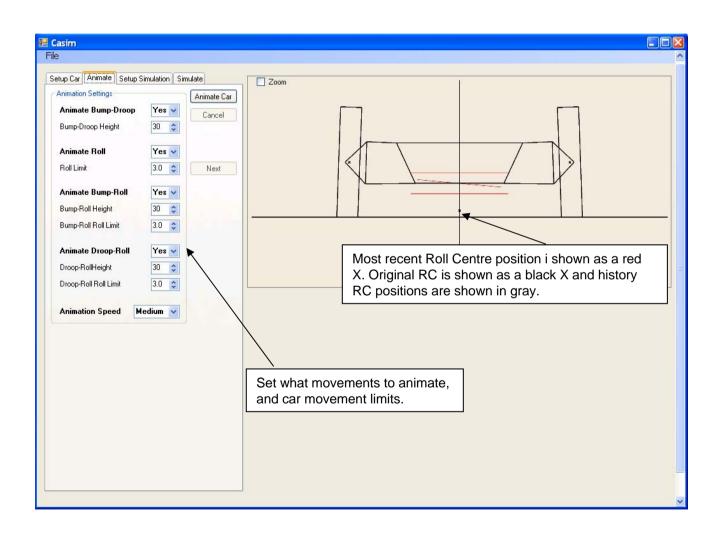
STEP 2.1: SETUP CAR DATA "SETUP CAR" TAB



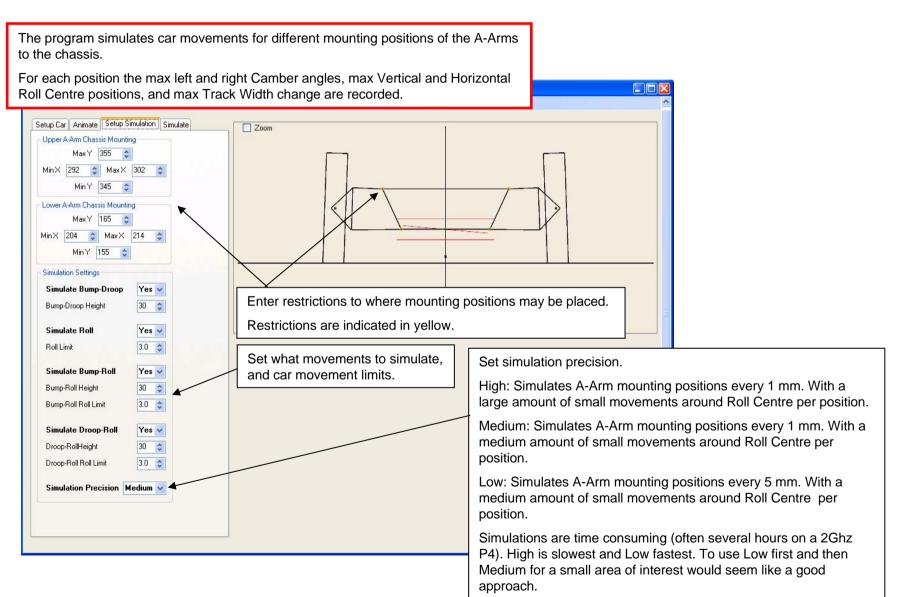
STEP 2.2: ROLL CENTRE "SETUP CAR" TAB



STEP 3: ANIMATE CAR "ANIMATE" TAB

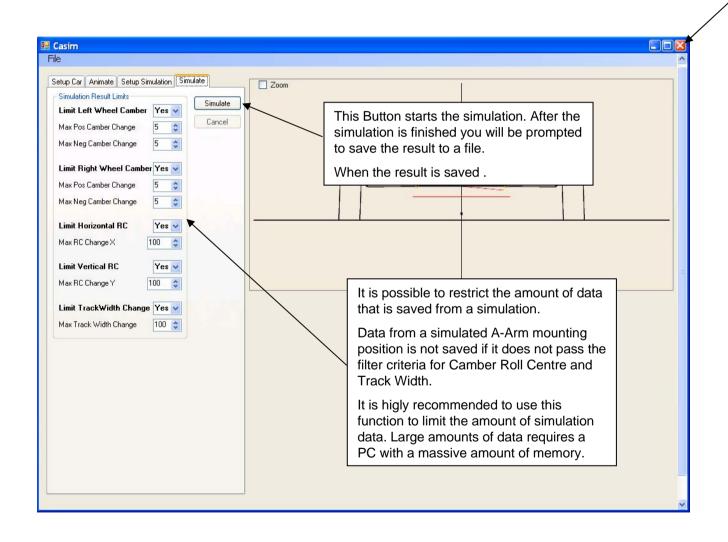


STEP 4.1: SIMULATE CAR "SETUP SIMULATION" TAB

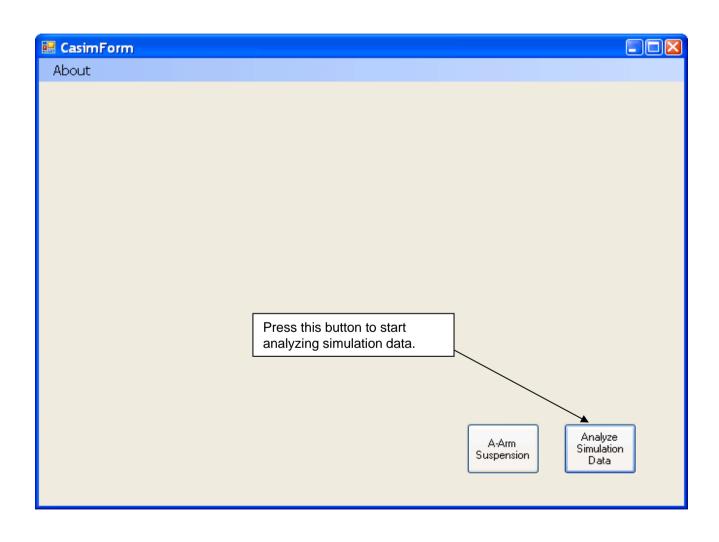


STEP 4.2: SIMULATE CAR "SIMULATE" TAB

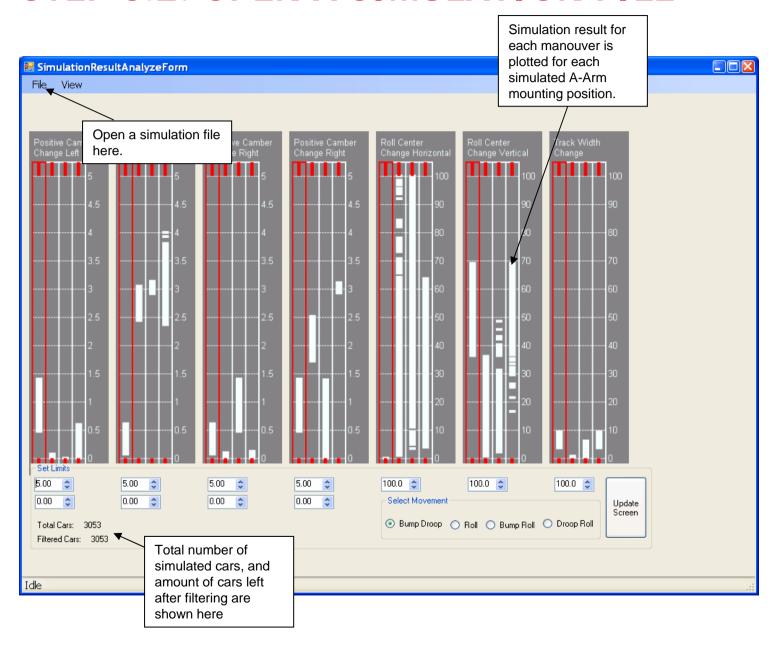
When the simulation result is saved. Close this window.



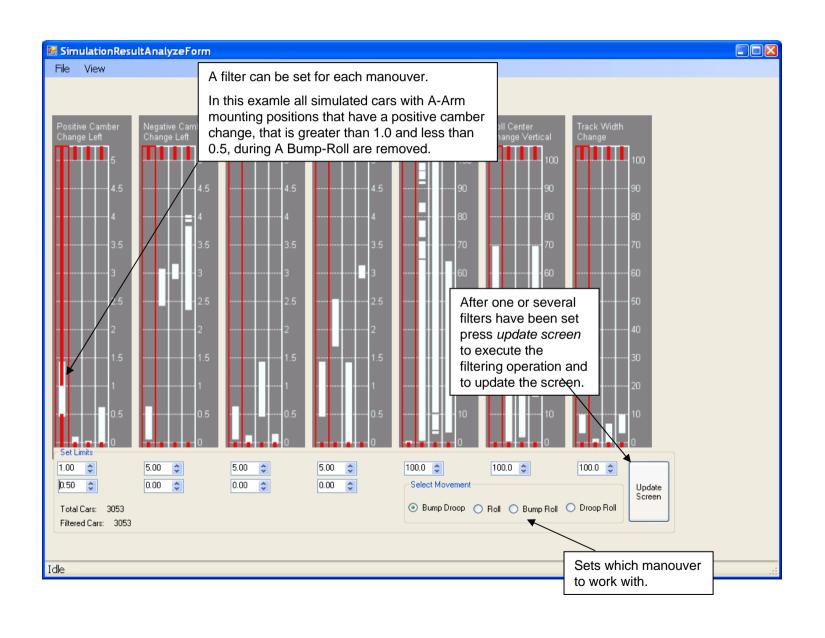
STEP 5.1: ANALYZE SIMULATION DATA



STEP 5.2: OPEN A SIMULATION FILE



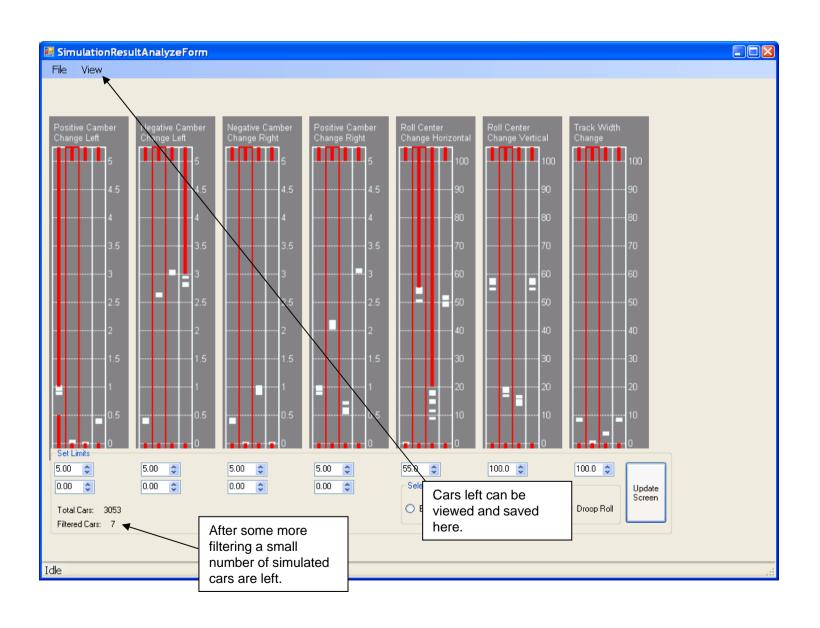
STEP 5.3: FILTER OUT CARS



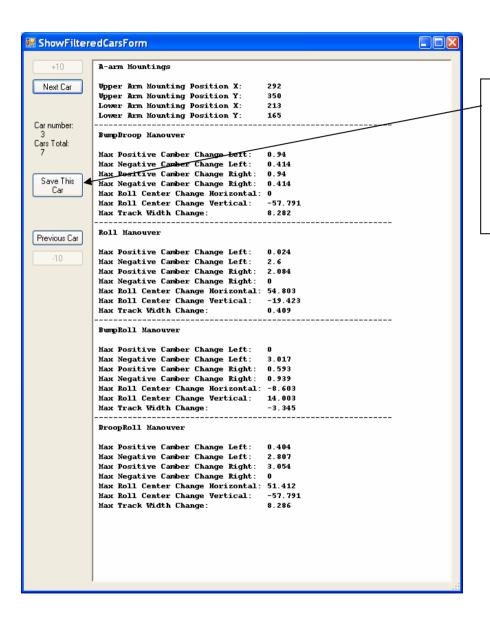
STEP 5.4: FILTER OUT CARS



STEP 5.5: FILTER OUT CARS

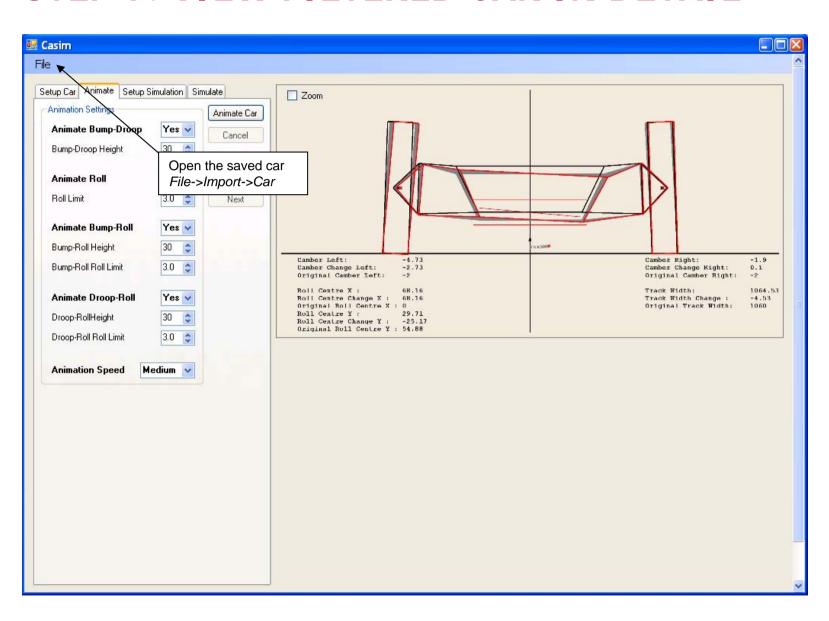


STEP 6: SAVE FILTERED CARS



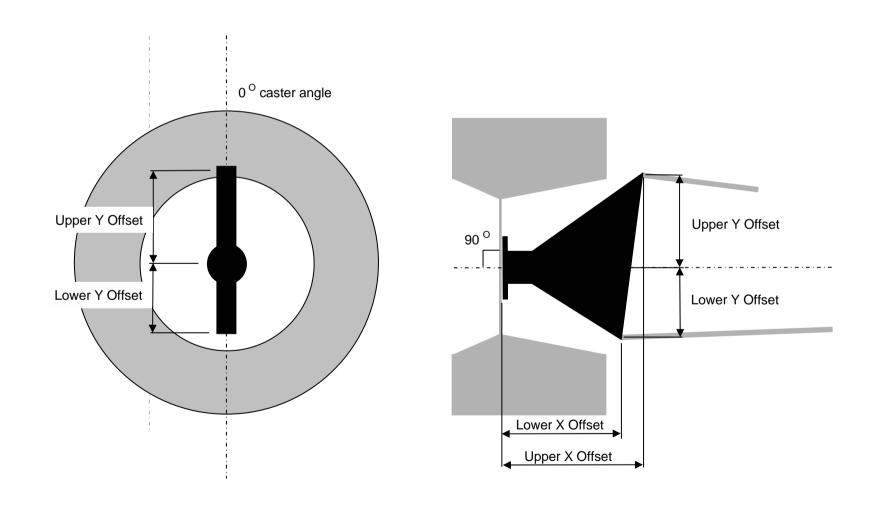
Save one or several cars and. Close this window and return to the first window where the car can be imported and suspension movements studied in detail.

STEP 7: VIEW FILTERED CAR IN DETAIL

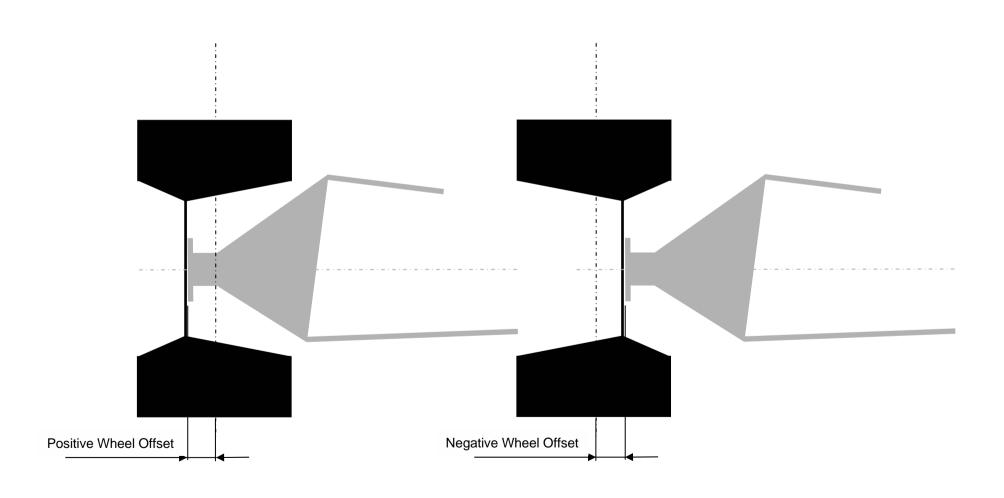


MEASUREMENTS AND OTHER MISCELLANEOUS INFORMATION

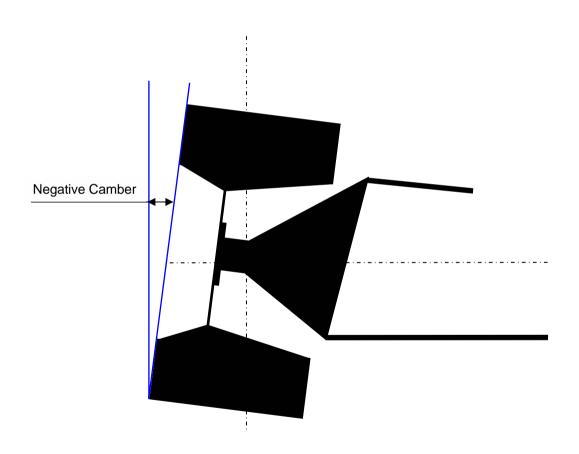
MEASURE THE UPRIGHT



MEASURE THE WHEEL OFFSET



CAMBER ANGLE



A-ARM MOUNTINGS

