

Tests CAN – CAR / SIn project 2023

Group: _____

Test	Done*
MODE PARK	
Contact ON: Engine starts (low rpm), headlights and taillights turn on	
Brake pedal: brake lights come on	
Gas pedal: engine RPM increase and decrease (they respect the limits)	
The time in the cockpit changes, the colon ":" flashes every second	
The "start-stop" mode works with the brake pedal (all modes)	
MODE NEUTRAL	
The car is free with respect to the slope	
MODE DRIVE	
The car remains stationary independently from the slope	
We hit the gas pedal, the car starts, the gears change automatically	
We brake, the car brakes and does not stall	
The torque is adapted according to the gas pedal (consumption)	
Cruise control works (and maintains speed)	
The cruise control stops when you brake	
Max speed is limited to 280 km/h	
The odometer increases correctly	
MODE REVERSE	
The car remains stationary independently from the slope	
We put the gas, the car starts (backwards), the gears change (only first)	
MODE RACE OUTSIDE	
The steering wheel is controlled automatically (speed is managed manually by the pilots with pedals)	

*Depending on the complexity of the task different items may provide different points for the project evaluation

Bonus for additional ideas (features implemented but not present in the table above) :

--- *** RACE *** ---

Attempt #1 Attempt #2 Attempt #3

Race time: _____

Pilot ranking: _____