



AUTOPILOT SMC2000LC SYSTEM SPECIFICATIONS

Description of differences compared to standard SMC2000 system

INTRODUCTION

This system configuration reduces the SMC2000 system to its basic components. The general functionality is identical to the SMC200MLP Mileage PID system. Some electrical and software features are not available in that configuration.

Special Features:

- Same general functionality as SMC2000 Mileage PID system
- Same safety features
- The system can be upgraded to any SMC2000 system version.
- Options of the SMC2000 series are available.

Actuators for

Acc Hand (right) Clutch Finger (left) Foot brake (right) Shift Foot (left)

System restrictions

Software

- Control level: MILEAGE-PID
- Application level: **BASIC** with following restrictions compared to FULL version:
 - NO auxiliary analog input monitoring
 - NO offline graphics
 - NO cycle data acquisition
 - NO Manual Set-point mode
 - NO Drive cycle line editor (only regular drive cycle table editor)
 - NO HOLD/PARK/RESUME Toolbar buttons
 - NO Online driving tolerance monitoring & listbox
 - NO MAP tables available within shift table definitions

Electrical restrictions

- Requires analog input signal for vehicle speed
- Requires analog input signal for vehicle engine RPM
- NO build in SmartTach for vehicle speed measurement
- NO build in SmartTach for vehicle engine RPM speed measurement
- NO engine speed pick up sensor supplied with the system
- NO cable for engine speed sensor
- NO analog output signals for actuator axis positions
- NO analog output signals for forces

Mechanical restrictions

- Simplified actuators for BRAKE FOOT and SHIFT FOOT which cannot be swapped from left to right
- No actuator for shift hand (left)

General restrictions

- NO monitor in basic system package
- NO keyboard & mouse in basic system package

Options

- Upgrade of speed control version to MILEAGE or EMISSION
- Stand-alone SmartTach and engine speed tachs
- Keyboys for operation of ignition key / button
- Actuator for Brake hand (left)
- Actuator for Brake hand (right)