



GM / OPEL / SAAB ESCL emulator

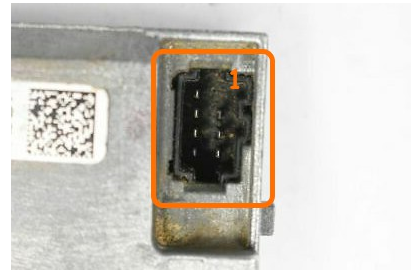
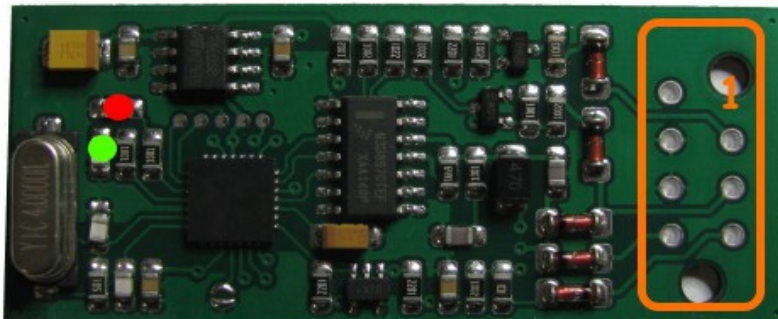
SW-CAN (GMLAN) based cars

Purpose:

SAAB / OPEL / GM electronic steering column lock emulator, SW-CAN based SCL, SAAB 9-5 from 2008, OPEL INSIGNIA 2014 up etc. **Plug & Play.**

Installation:

Solder wires directly or use original SCL connector. Note: pin1 is not used and left blank (no wire attached, no pin). Actually there is a 7-pin connector installed, pin count starts from 2 up to 8.



Connector pinout:

- pin 2: Steering Column Lock Status Signal (Feedback)
- pin 3: OFF /Accessory Voltage (Ignition Inverted)
- pin 4: Ignition Switch Key Out Signal or Steering Column Lock Signal (PEPS Lock)
- pin 5: Battery Positive Voltage (Battery Clean)
- pin 6: Ground (Dirty Ground)
- pin 7: Signal Ground
- pin 8: GM-LAN

LEDs on emulator board:

- **RED**: SCL is in locked state,
- **GREEN**: SCL is in unlocked state,
- If both LED's are off, no activity on GM-LAN detected (sleep mode). If GM-LAN is active, one of both must be ON.