

## Ford SCL emulator, LIN

for FORD C1 platform –  
**FOCUS, C-MAX, KUGA etc.**

**LIN version (black connector), 2012  
 and up**

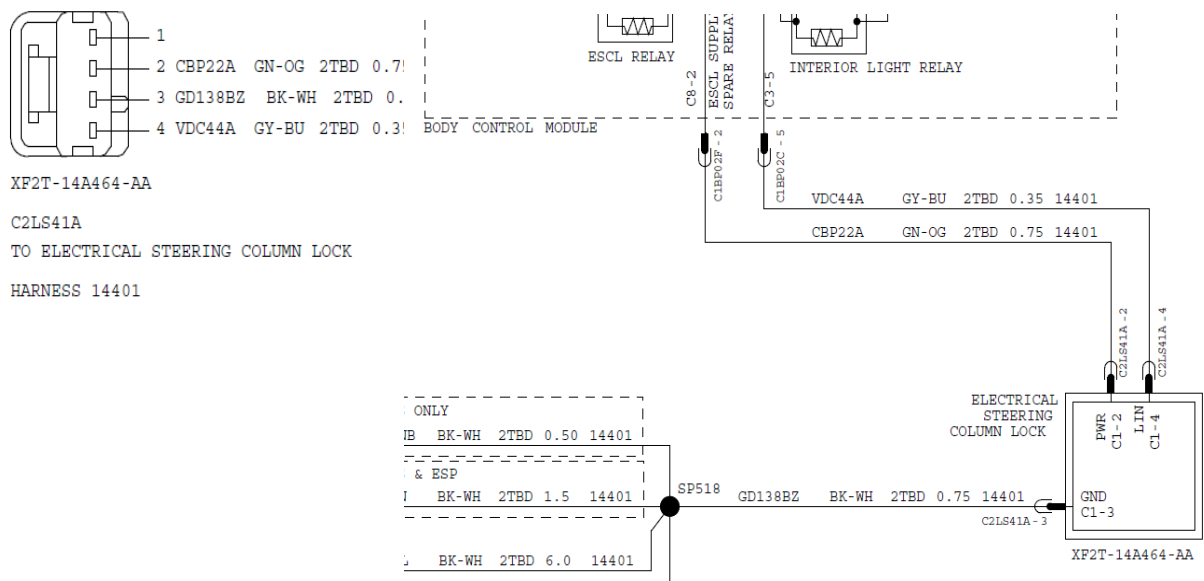
### Description :

Device emulates Ford ESCL unit, compatible with Ford C1 platform cars (Focus mk2, C-MAX etc) starting from 2012 and up. Original SCL part number looks like AV6N-3F880-Jx, connector has 4 pins, only 3 wires used, SCL connector color is **BLACK !!!** In case if you have **GREEN** connector, you have older K-line architecture instead of LIN - this emulator is not compatible with K-line systems. Be careful because both part numbers (for LIN and K) are printed on SCL casing with remark to plug color.

Emulator is plug & play, no alignment necessary. Designed for original connector, it is possible to use original one desoldered from SCL or simple 2.54mm pitch pin header.

### Installation on car:

Solder connector directly onto board and attach wiring loom. That's all to do. Note that original SCL is powered only when there is a request for status or command for open or close received.



### Pinout:

pin1: not used (no wire), pin2: **+PWR** (switched), pin3: **GND**, pin4: **LIN**.

### LED on emulator board:

- **YELLOW** or **RED**: SCL is in **LOCKED** state,
- **GREEN**: SCL is in **UNLOCKED** state.
- If SCL is powered on, one of LEDs must light.

Note that LOCK action is performed with delay: ignition is switched OFF, doors closed and locked, car folds mirrors (if there is such functionality), then LOCK action is executed. UNLOCK action is usually executed when car is unlocked or IGN switched on. All these actions must power on SCL, corresponding status LED must go on.

