

Jaguar / RR ESCL emulator GEN 3

CAN based systems, 2017 up

Jaguar XF (X260 2017 up)
etc.

Purpose:

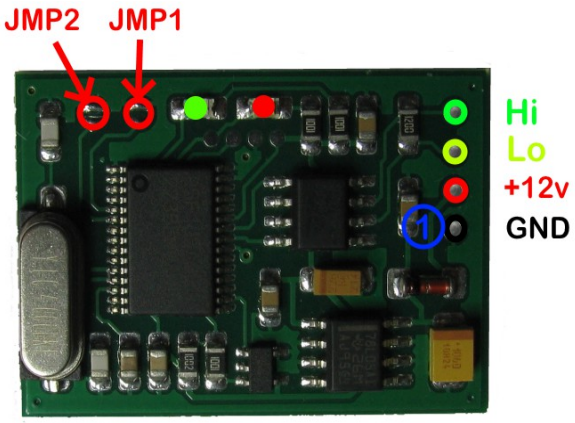
For JLR cars, 2017 up. Original ESCL replacement, self teaching (Plug & Play).

Installation:

Emulator pinout matches original ESCL 1:1 so you may use 2.54mm angled pin header to plug emulator into ESCL connector directly. Or solder wires directly.

ESCL connector pinout:

1. ESCL_GND_CTRL: switched power(GND) from IC, **WHT**/**GRN**
2. O_ELEC_STEERING_COL_LOCK: switched power(plus) from BCM-GWM, **VIO**/**BRN**
3. PT CAN_Lo: **YEL**/**BLK**
4. PT CAN_Hi: **YEL**/**RED**



PT_CAN is not wired directly to OBD connector and may have alternative color scheme.

There is nothing to do with JMP1 and JMP2. No matter they are open or short.

LED behaviour:

- **GREEN**: ESCL is unlocked;
- **RED**: ESCL is in locked state;
- **RED** and **GREEN** both: ESCL is changing state (locking or unlocking takes place);
- no LED: no power for ESCL.

Note:

- SCL is not powered permanently, power is switched on for a short time to perform locking or unlocking actions. Minus comes through IC, plus comes from BCM/GWM.
- In case of errors (IC or BCM – errors about ESCL power supply current) you may try to add additional load (1k resistor) between pins 3 and 4.

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