



HONDA MOTO ESCL emulator

CBR1000RR: **2020-up**

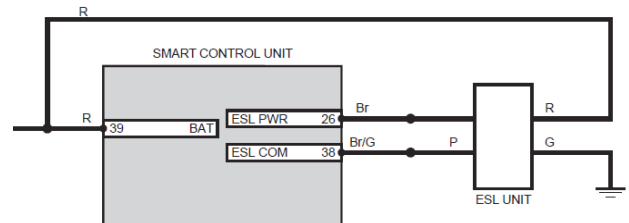
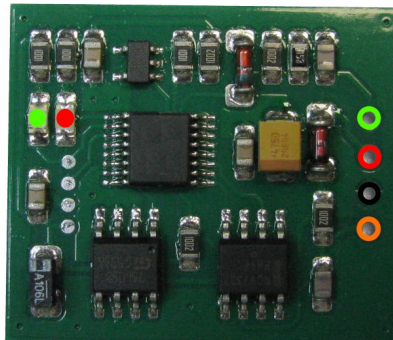
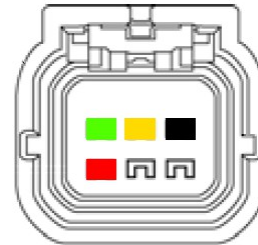
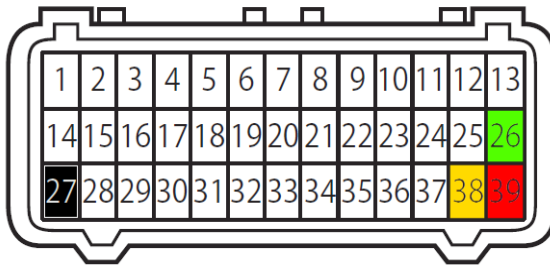
Forza, X-ADV: **2021 up**

Designed for:

For HONDA bikes with HLSS-5 Smart Control Unit (SCU), emulates Electronic Steering Column Lock (ESCL) unit. Programming is not necessary, emulator is Plug&Play.

Installation:

Must connect 4 wires: **+BAT**, **GND**, **ESL_PWR**, **ESL_COM**. You can install emulator inside SCU unit. Pinouts are provided below - SCU (unit itself) and ESCL connector (wire side), marked:



NOTES about SCU programming / replacement:

- if SCU is factory new (virgin / blank) ESCL acts as a factory new one too. It means no forced PIN check procedure occurs like it happens with original and already programmed ESCL.
- all KEY programming / ECU replacement procedures are allowed, no any restrictions and limitations.

LEDs on emulator board:

- **GREEN** : ESCL is unlocked;
- **RED** : ESCL is locked;
- If SCU is communicating (LOCK / UNLOCK / STATUS requests) one of LED must be on;
- On power-up one of LEDs must go on for 2 seconds;
- Emulator enters sleep mode if SCU inactive for 2 seconds, LED go off.