

# *Electronic Cruise Control for* **KTM 690 Enduro R from 2019**



The following provides a brief description of the power consumption and component locations of the MotorCycle Setup electronic cruise control.

Installed weight of the cruise control is approximately 1.0kg.

Current draw is approximately 0.20 to 0.40 amp (2~4 watts).

By comparison, a head light bulb typically draws about 4 amps (55 Watts), and a tail light bulb (running light) draws about 0.4 amp (5 Watts).

Refer to the line drawing on the back of this sheet to identify the components from the numbers in the text.

The **Computer (1)** is mounted on a custom **bracket (2)** on the left side of the bike, next to the motor.



The New Slim **Control Switch (3)** mounts on the handlebar on the left side on the bikes' switch block. This switch also has back lit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.



The optional **Original Control Switch (4)** may be mounted above the handlebar on the left side on the clutch lever mount. This switch has back lit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.

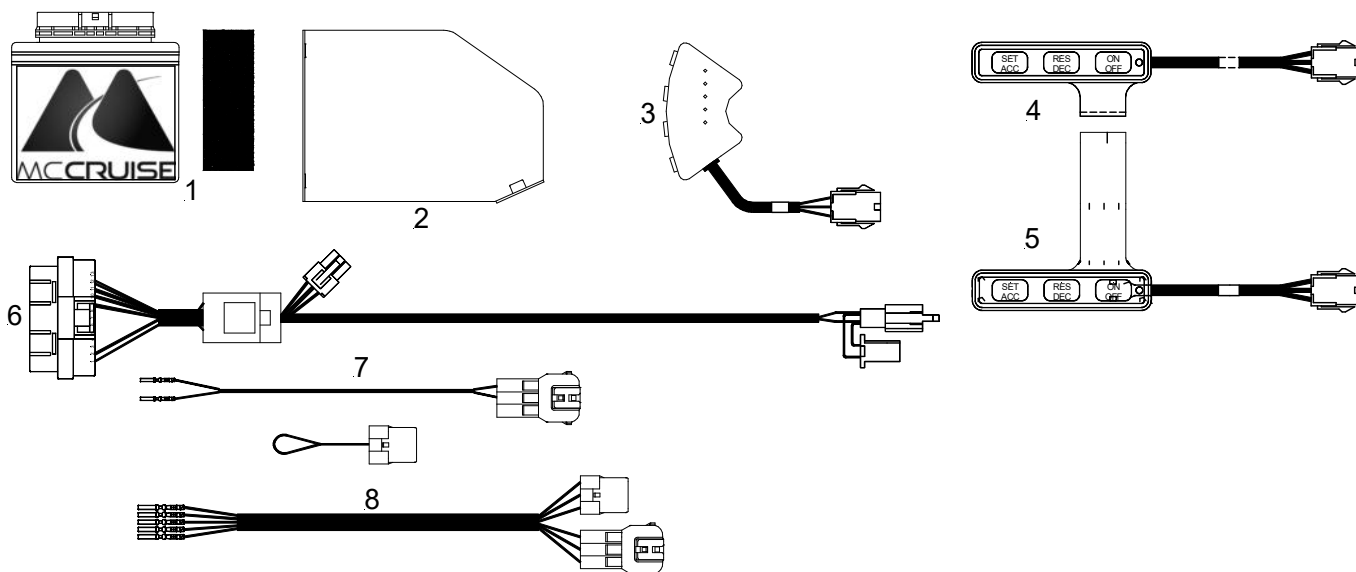


There is also an **optional switch mounting bracket available (5)** that places the switch below the handlebar.



The **Main Wiring Harness (6)** has the same type of plugs or terminals that are already used on the motorcycle. Power and brake sensing for the cruise control is sourced from the bikes brake light circuit. The front brake light switch connector is unplugged. Matching connectors on the cruise control harness are plugged in to the switch and the bike's harness. The **CAN-BUS Wiring Harness (7)** is used to connect the cruise to the bike's CAN-BUS diagnostic plug. Road speed signal, tach (engine speed) signal and clutch operation signal are all sourced from the bike's CAN-BUS system. Tach signal is used to disengage the cruise if the engine revs vary from gear change or clutch slip. If the clutch is fully disengaged, the cruise detects this instantly. The **TPS Wiring Harness (8)** connects the bike's Throttle Position Sensor (TPS). This connection is used to operate the bike's throttle. The connectors, terminals and seals used on this harness are the same type as used on the motorcycle's original TPS connection to ensure that an OE quality connection is maintained. There is no cutting or splicing of wires required anywhere in the installation of the cruise control kit.

**NOTE: - If the bike is fitted with an off-road, fuel monitor or other type of CAN-BUS dongle, make sure you purchase the CAN-BUS dongle patch with the cruise control kit. This will allow connection of the cruise control AND the dongle to the bike's diagnostic plug.**



## MotorCycle Cruise Controls

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