

Electronic Cruise Control for **SUZUKI GSX-R1000R & ABS**



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 (this drawing has not been added yet).

The **Computer (1)** mounts under the plate for the passenger seat release mechanism, behind the battery. There is self-adhesive Velcro provided in the kit to mount the computer.

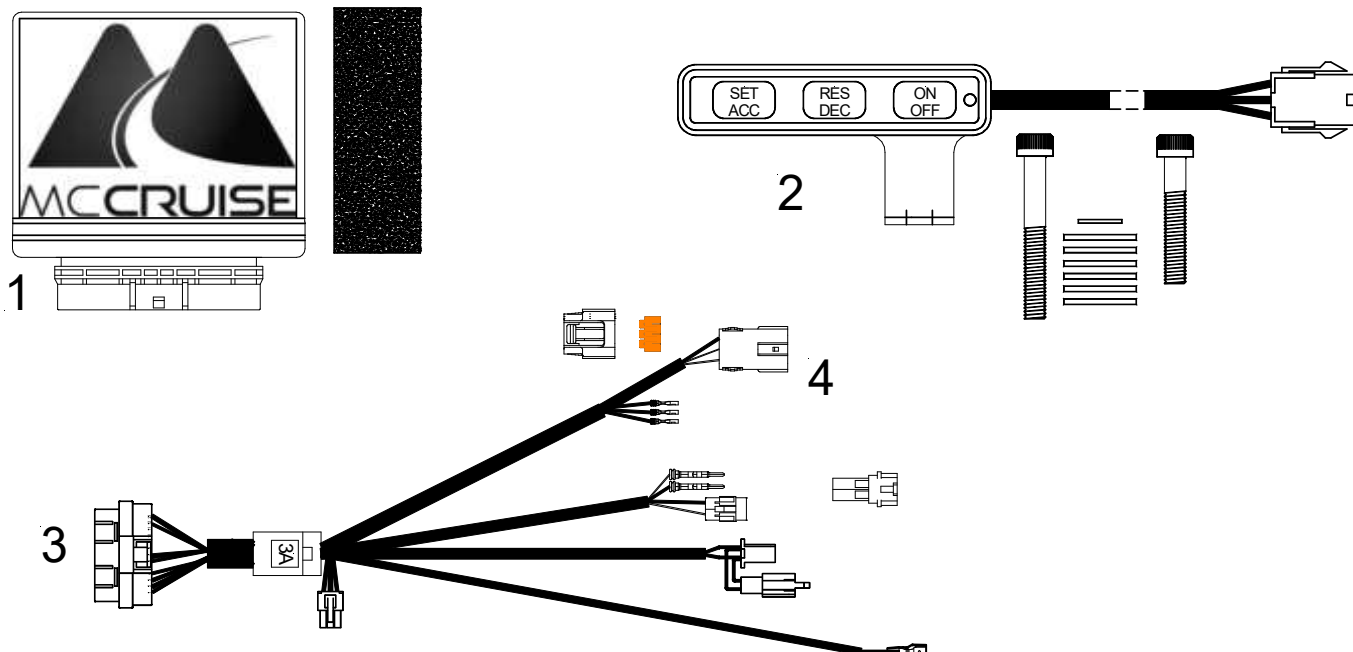


The **Control Switch (2)** mounts above the handlebar on the left side on the clutch lever pivot bolt. This switch has back lit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.



The **Main Wiring Harness (3)** has the same type of plugs or terminals that are already used on the motorcycle. Power for the cruise control and brake sensing is taken off the brake light circuit by unplugging the rear brake light switch. Matching connectors on the cruise control harness are plugged in to the switch and the bike's harness. Road speed sensing and engine (tach) speed is detected from the signals to the bike's instrument cluster. Tach signal is used to disengage the cruise if the clutch is operated. The bike's clutch switch is also connected to the cruise control to disengage the cruise control.

The **TPS Wiring Harness (4)** 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.



MotorCycle Cruise Controls

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