

Electronic Cruise Control for **YAMAHA FZ-09 / MT-09**



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)** mounts under the passenger's seat. There is self-adhesive Velcro provided in the kit to mount the computer.



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



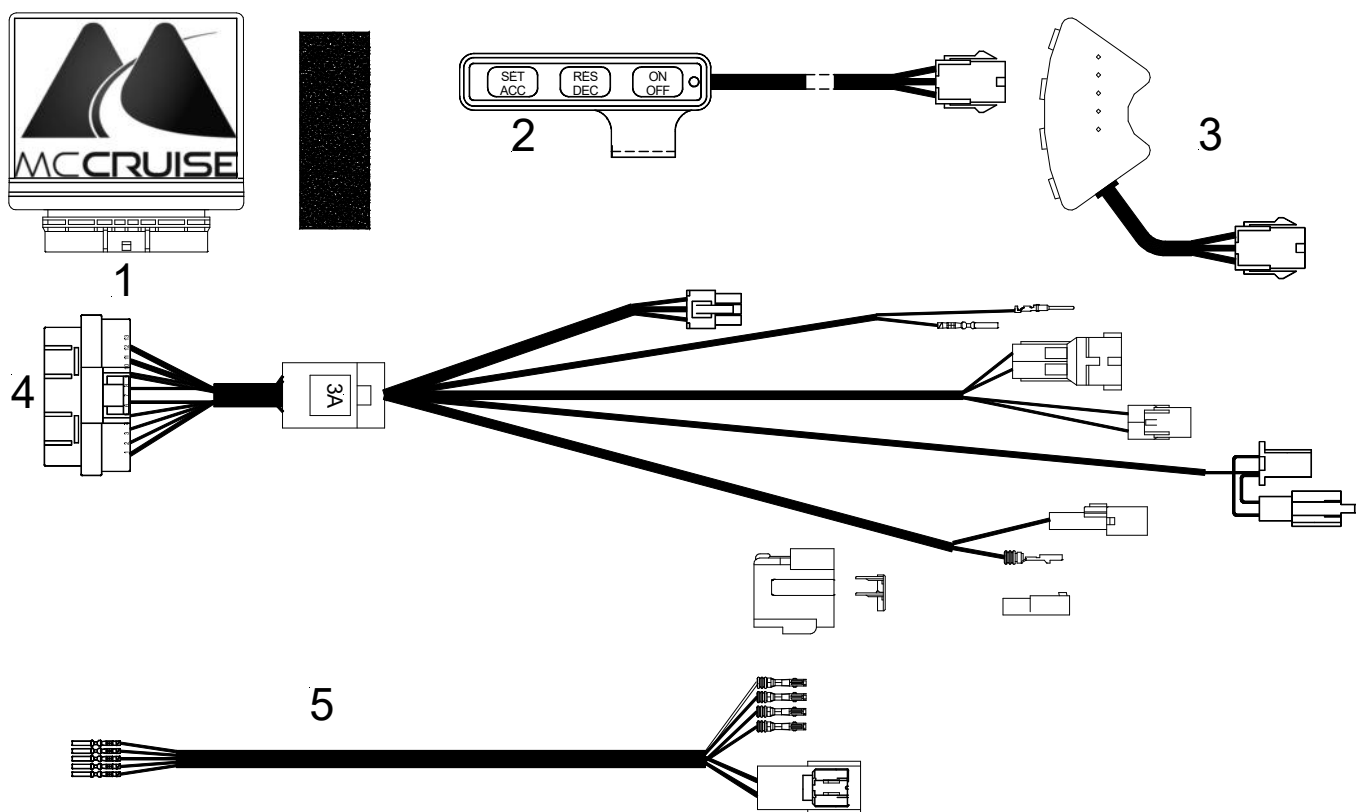
The New Slim **Control Switch (3)** mounts on the handlebar on the left side on the bikes' switch block. This switch also has back lit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.

The new switch is a no cost option, either switch may be selected when purchasing the cruise control.



The **Main Wiring Harness (4)** 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 front brake light switch. Matching connectors on the cruise control loom are plugged in to the switch and the bike's harness. Different connectors for the brake light switch are fitted to the harness depending on which model bike, faired or naked. Road speed sensing is detected from the signals to the bike's engine ECU. Tach signal is sourced from one of the ignition coils. 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 cruise control is grounded on the negative battery terminal.

The **TPS Wiring Harness (5)** 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

6 Kingston Street
Mount Waverley VIC 3149
AUSTRALIA

Web Site:

<http://www.mccruise.com>

International:

Phone (International Access Code) 61 3 9808 2804

Fax (International Access Code) 61 3 9808 2445

Australia:

Phone (03) 9808 2804

Fax (03) 9808 2445

E-mail: sales@mccruise.com