

Electronic Cruise Control for **Suzuki GSX1300R Hayabusa 1st Generation** **1998 to 2007**



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

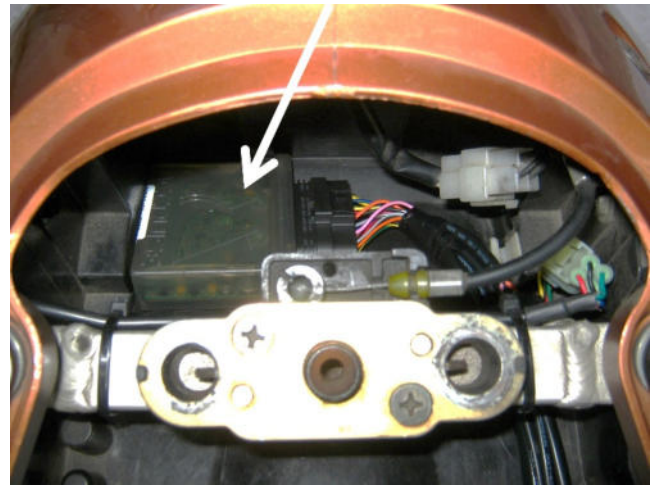
Installed weight of the cruise control is approximately 2.5g.

Current draw while the cruise is switched on, but not engaged, is approximately 0.20 amp (2.5 watts). Current draw while the cruise is engaged is nominally 0.5~1 amp (6~12 Watts).

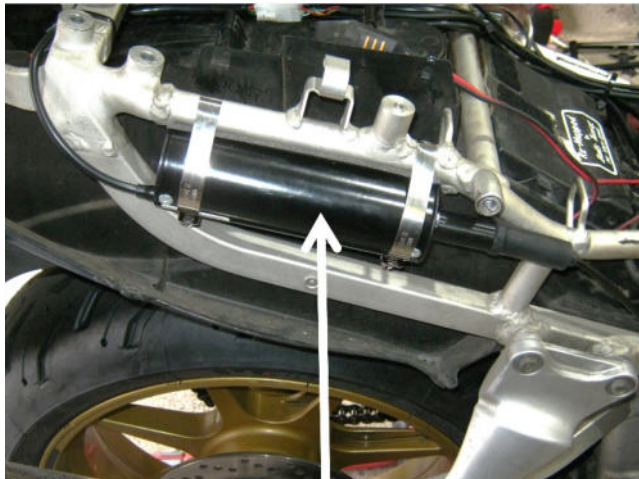
By comparison, a head light bulb typically draws about 4 amps (55 Watts), and a tail light bulb (running light) draws about 0.4 amp (5 Watts).

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

The **Computer (1)** mounts at the rear of the bike in the storage compartment in the ducktail. It is mounted using Velcro mounting tape.



The **Electric Throttle Servo (2)** is mounted on the rear sub-frame on the right side of the bike inside the seat surround panel.



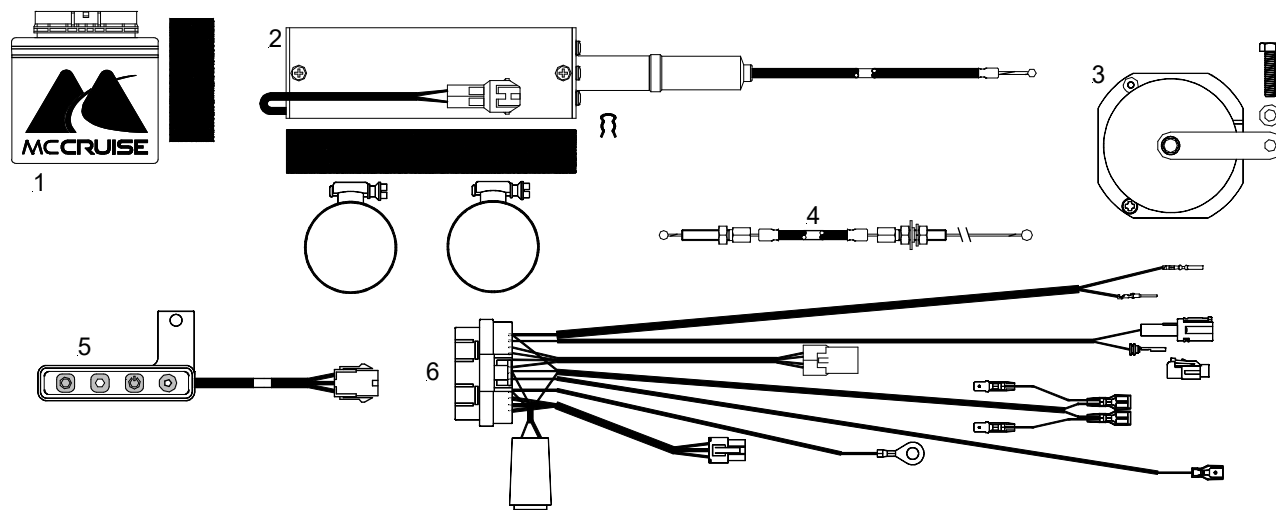
The **Cable Interface Unit (3)** is located next to the right end of the throttle bodies. It has a new **cable (4)** that connects it to the fuel injection throttle bodies.



The **Control Switch (5)** is mounted below the handlebar. The bracket is mounted to the left hand (clutch) master cylinder handlebar clamp. The bracket mounts between the lower faces of the clamp. The clamp must have about 1~1.5mm (0.040"~0.060") filed from the lower face of the clamp to allow for the thickness of the switch bracket.



The **Wiring Harness (6)** 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 switches by unplugging the rear brake light switch. Matching connectors on the cruise control loom are plugged in to the switch and the bike's harness. Speed sensing is sourced from the bike's speedometer sender. Tach (engine speed) sensing is detected from the bike's primary ignition circuit. This 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 battery negative terminal.



MotorCycle Cruise Controls

AUSTRALIA

Web Site:

International:

Australia:

<http://www.mccruise.com>

Phone

Phone

E-mail:

(International Access Code) 61 3 9808 2804

(03) 9808 2804

sales@mccruise.com