

Electronic Cruise Control for **Moto Guzzi Norge 1200 GT8V from 2010**



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 2.5kg.

Current draw while the cruise is switched on, but not engaged, is approximately 0.10 amp (1 watts). Current draw while the cruise is engaged is nominally 0.50~0.80 amp (6~10 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 seat, beside the battery. Velcro mounting tape is provided to mount the computer.



The **Electric Throttle Servo (2)** is mounted under the passenger's seat.

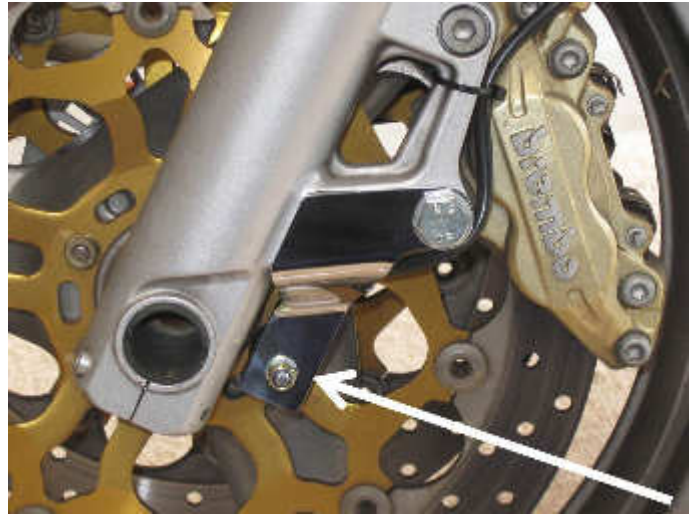
NOTE: - Some markets may have a charcoal evaporative emission canister mounted under the seat. We do NOT know if it is possible to mount the throttle servo next to the canister.



The **CIU (3)** is located behind the right side cylinder, below the throttle body. The photo below left shows the CIU in position with the fuel tank and air filter housing removed from the bike.. A new **cable (4)** connects it to the throttle bodies.



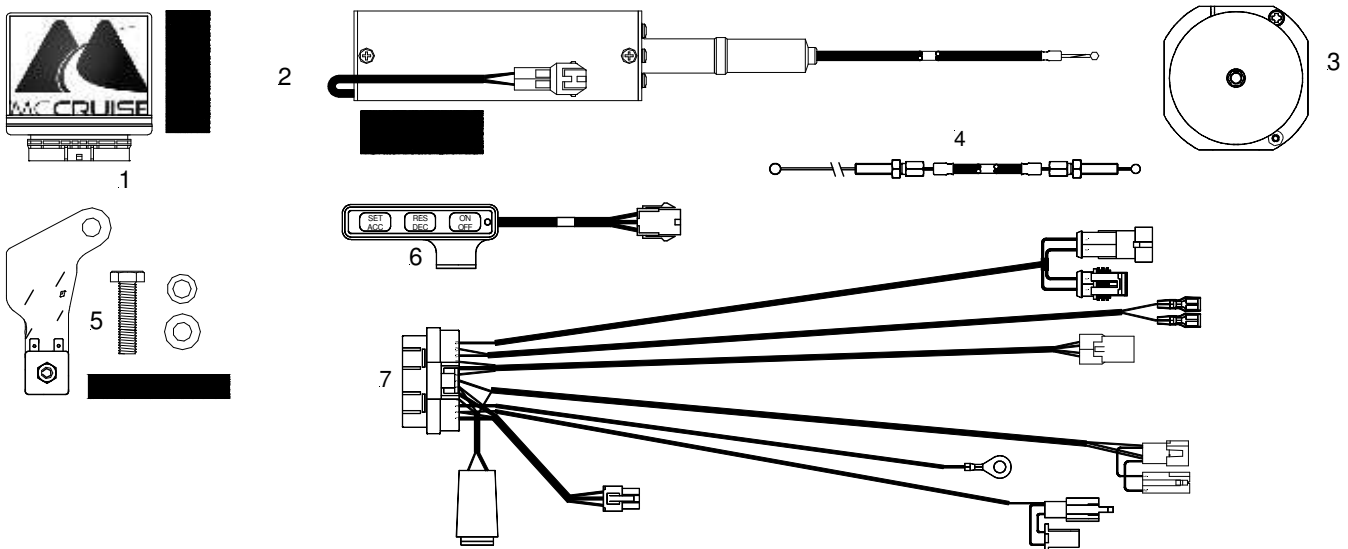
The **Speed sensor (5)** is mounted below the left hand front brake caliper. The original caliper mounting bolt is removed and a new bolt and spacer washers fitted to allow the speed sensor to be mounted. Nickel-plated magnets are placed in the heads of the bolts that mount the brake disc



The **Control Switch (6)** is mounted on the left hand mirror stalk.



The **Wiring Harness (7)** 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. 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

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