

# Electronic Cruise Control for Honda GL1500 Gold Wing Interstate

(Also fits GL1500 Aspencade and SE)



**NOTE:-**Installation of this cruise control requires fitment of the larger front wheel disc covers from the Aspencade and SE models. These covers are available from Honda and also from various after market suppliers for fitment to the Interstate. These covers provide enough space for the speed sensor to be fitted to the front wheel.

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

Current draw while the cruise is switched on, but not engaged, is approximately 0.020 amp (0.28 watts). Current draw while the cruise is engaged is nominally 0.250~0.350 amp (3.5~5 Watts) with peak draw at 0.5 amp (7 Watts).

Installed weight of the cruise control is approximately 1.5kg.

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).

The **Computer (1)** mounts in front of the left hand fairing luggage bin inside the fairing in a **foam block (2)**.

The **Actuator (3)** is located in front of the right hand fairing luggage bin inside the fairing in a **foam block (4)**. A **vacuum hose assembly (5)** is provided to connect this to the engine.

The **CIU (6)** is mounted on the left hand side of the frame, just inboard of the two fairing air vents and just inside the fairing panel and has a new **cable (7)** running from it to the carburetors.

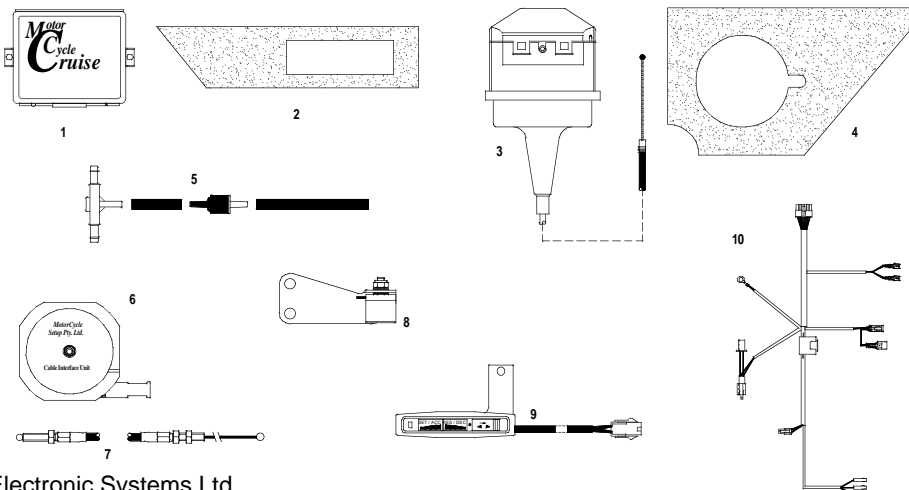
The **Speed Sensor (8)** is on the front left fork leg, bolted under the axle pinch bolts. It is just visible through the disc cover front air vent. The magnets fit into the head of two of the bolts that mount the brake disc to the wheel.

The **Switch (9)** is mounted to the left hand (clutch) master cylinder handlebar clamp and is located under the left hand switch block. The bracket mounts between the bottom faces of the clamp. The clamp must have about 1~1.5mm (0.040"~0.060") filed from the bottom face to allow for the thickness of the switch bracket. The photo at right shows the switch mounted on the motorcycle.

Note:- We have seen bikes with an accessory head light ON-OFF switch fitted to the bottom of the left hand switch block. If this switch is fitted, it will NOT be possible to fit the cruise control switch to the motor cycle with the bracket supplied in the kit. It may be possible to mount the cruise switch some where else. This has not been investigated by MotorCycle Setup at this time.



The **Wiring Loom (10)** uses the same type of plugs that are already used on the motorcycle. Brake sensing is taken off the brake light switches by unplugging the rear brake light switch. Matching connectors on the cruise control loom are then plugged in to the switch and the bike's loom. Power is taken from the fuel pump wires using the same method. Earth (ground) is sourced on the earth bolt on the right side of the bike.



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