Electronic Cruise Control for

Honda Valkyrie GL1800C F6C

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 2.0kg.

Current draw while the cruise is switched on, but not engaged, is approximately 0.20 amp (2 watts). Current draw while the cruise is engaged is nominally 0.5~1.50 amp (6~18 Watts).

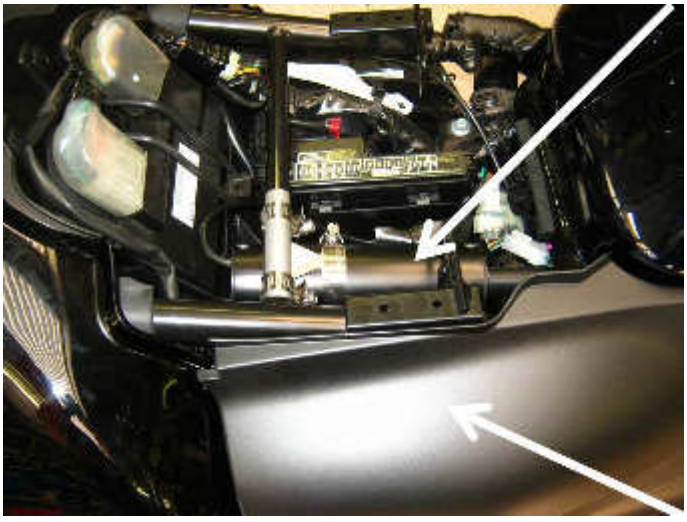
By comparison, a head light bulb typically draws about 4 amps (55 Watts), and a tail light bulb (running light) draws about 0.4 amp (5 Watts).

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

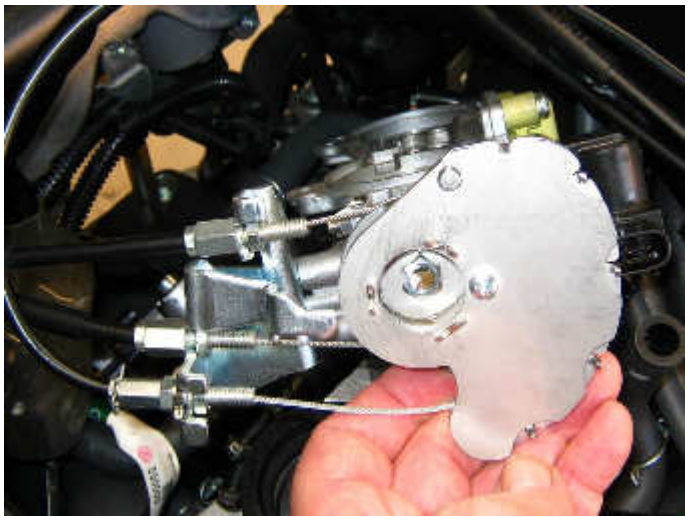
The **Computer (1)** is mounted in the lockable storage compartment on the right side of the bike, below the rider's seat. It was mounted on the front wall of the compartment using Velcro mounting tape/

The **Electric Throttle Servo (2)** is mounted under the rider's seat, above the storage pocket (upper arrow). A special bracket is supplied to mount the servo. A **servo cable (3)** connects the servo the vehicle's throttle body.

The **Computer (1)** location is indicated by the lower arrow in this photo, behind the right side cover.



A **lost motion device (4)** is fitted to the end of the throttle spindle on the throttle body. This device is fitted to allow safe operation of the cruise control and twist grip without risk of the servo cable twisting or jamming.



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

There is also the **OPTIONAL MOUNT** for the **Control Switch (6)** to put the switch above the handlebar. It is still mounted to the left hand clutch lever handlebar clamp. The bracket mounts between the upper faces of the clamp and the master cylinder. The clamp must have about 2.0mm (0.080") filed from the upper face to allow for the thickness of the switch bracket.

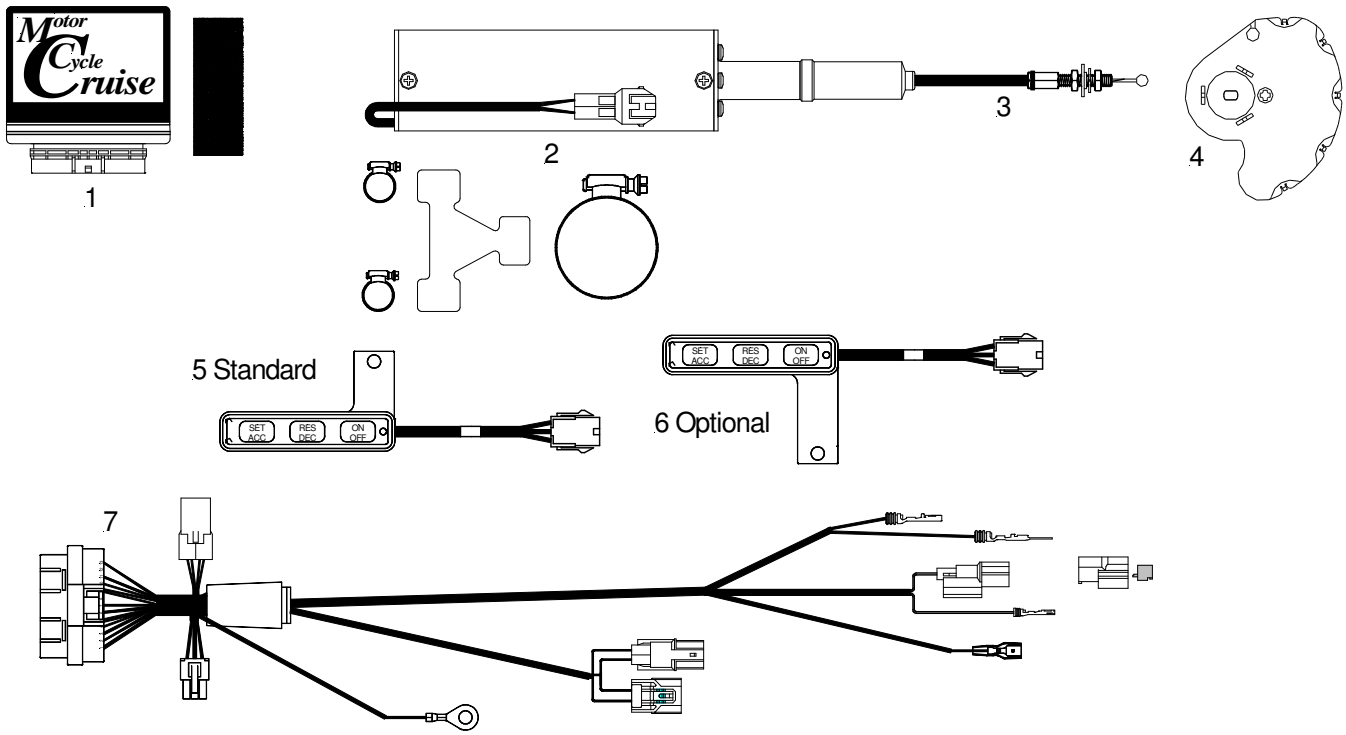
Note: - Either mounting (Standard low or Optional high) may be selected when the cruise control is ordered.

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**

The **Wiring Harness (7)** has the same type of plugs or terminals that are already used on the vehicle. Power for the cruise control and brake sensing is taken off the brake light switch by disconnecting the wires to the rear brake light switch. Matching connectors on the cruise control harness are plugged in to the switch and the vehicle's harness. The same method is used for the following connections. Road speed (speed sensing) is detected from the vehicle's speedometer signal. Tach (engine speed) sensing is detected from the vehicle's signal to the tachometer. This is used to disengage the cruise if the clutch is operated. The cruise control is also connected to the vehicles clutch switch (starter lockout switch on the clutch lever). This is also used to disengage the cruise control in the event of clutch operation. The cruise control is grounded on the negative battery terminal with a ring terminal that fits the battery terminal bolt. The wiring harness is a 'custom' finished item, with all parts of the harness cut length and terminated appropriately.



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**