

Electronic Cruise Control for **Kawasaki Versys KLZ1000 2012 to 2014**



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 under the seat. There is Velcro mounting tape provided in the kit as well as suitable screws and nuts to mount the computer.



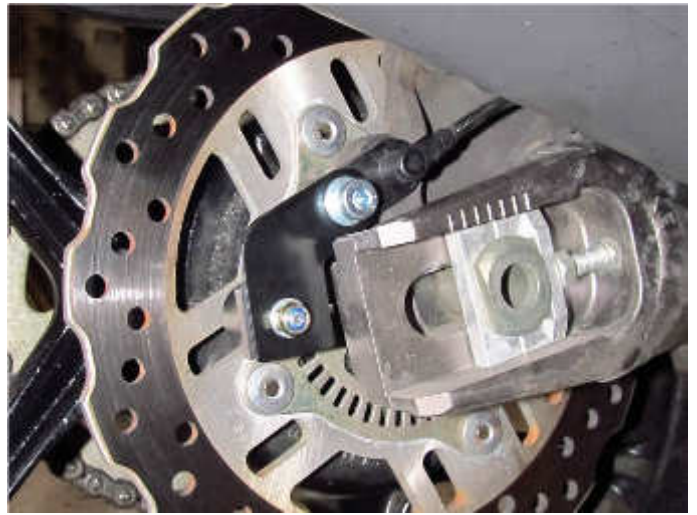
The **Electric Throttle Servo (2)** mounts under the left side fairing panel, beside the left fork leg. This photo is taken with the fairing panel removed. A cable runs from the servo to the Cable Interface Unit.

The **Cable Interface Unit (3)** is located on the left side of the fuel tank. It has a new **cable (4)** connects it to the fuel injection throttles.

A special bracket is provided in the kit to mount the servo and CIU.



The **Speed sensor (5)** is mounted on the right of the rear wheel, behind the ABS wheel speed sensor. Nickel-plated magnets are placed in the heads of the bolts that mount the brake disc.



The **Control Switch (6a)** normally mounts above the handlebar on the mirror mount.

This is the standard mounting and uses a MCS8300 switch bracket.



If you wish to mount the **Control Switch (6b)** below the handlebar, a replacement control switch bracket can be supplied in the kit at no extra cost.

For below handlebar mounting 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.

This bracket may also be purchased as a separate item if desired. The part number of this alternate bracket is MCS831A.



MotorCycle Cruise Controls

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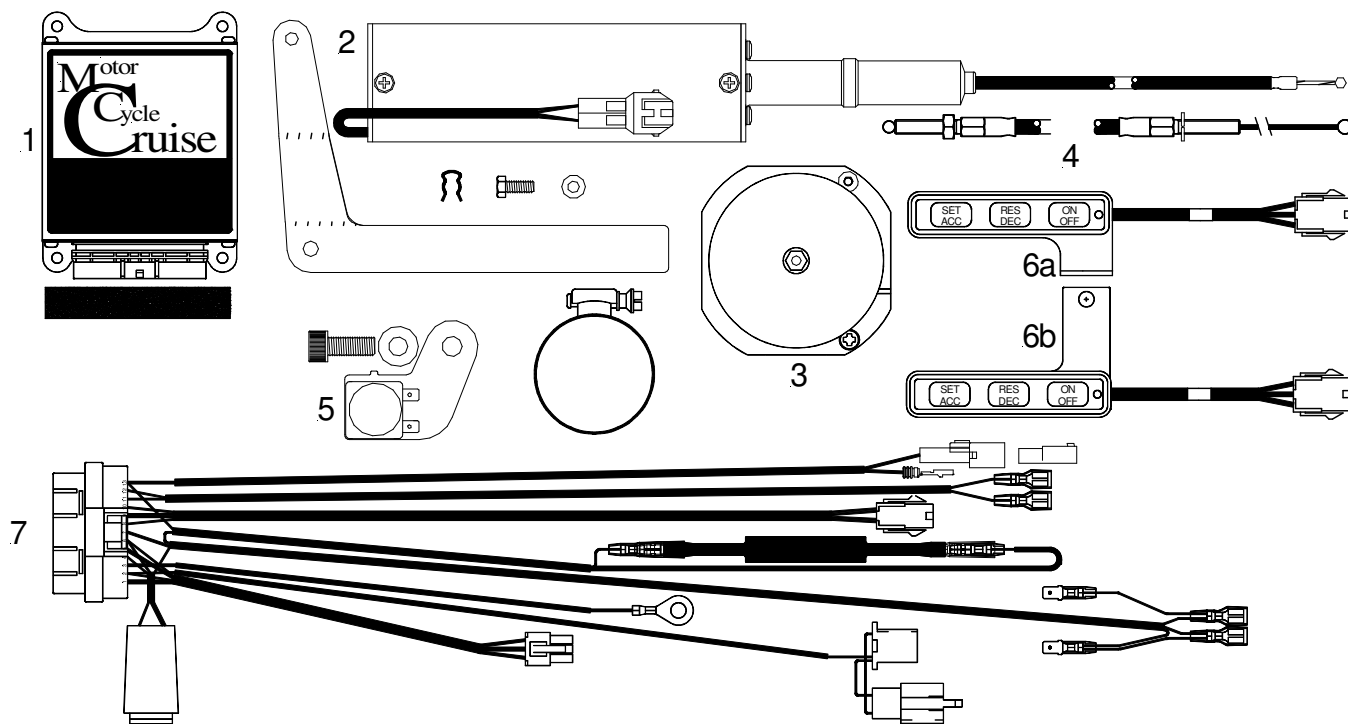
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The **Wiring Harness (7)** has the same type of plugs or terminals that are already used on the motorcycle. Power for the cruise control and brake sensing is taken off the brake light switches by unplugging the front brake light switch. Matching connectors 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.



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