

# Electronic Cruise Control for KAWASAKI KLE 300 VERSYS-X



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 2.2kg.

Current draw while the cruise is switched on, but not engaged, is approximately 0.2 amp (2.5 watts). Current draw while the cruise is engaged is nominally 0.50~1 amp (6~12 Watts).

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

Refer to the line drawing at the end of this document to identify the components from the numbers in the text.

The **Computer (1)**, **Throttle Servo (2)** and **CIU or Cable Interface Unit (3)** are all mounted on the left side of the bike, under the main fairing panel. The photo below left shows roughly where they are mounted under the fairing panel, the photo below right shows them on the bike with the fairing panel removed.

The CIU has a new **cable (4)** running from the CIU to the bike's throttle bodies.



**NOTE:** - These cruise control components are mounted on the fairing stay. This stay has a bracket with threaded holes to mount some other component to them. We have never seen a bike with anything fitted on this bracket, but there may be components mounted on the fairing bracket in other markets. We suspect it is most likely the mount for an evaporative emissions charcoal canister.

The standard **Control Switch (5)** mounts above the handlebar on the left side, on the mirror mount. This switch has backlit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.

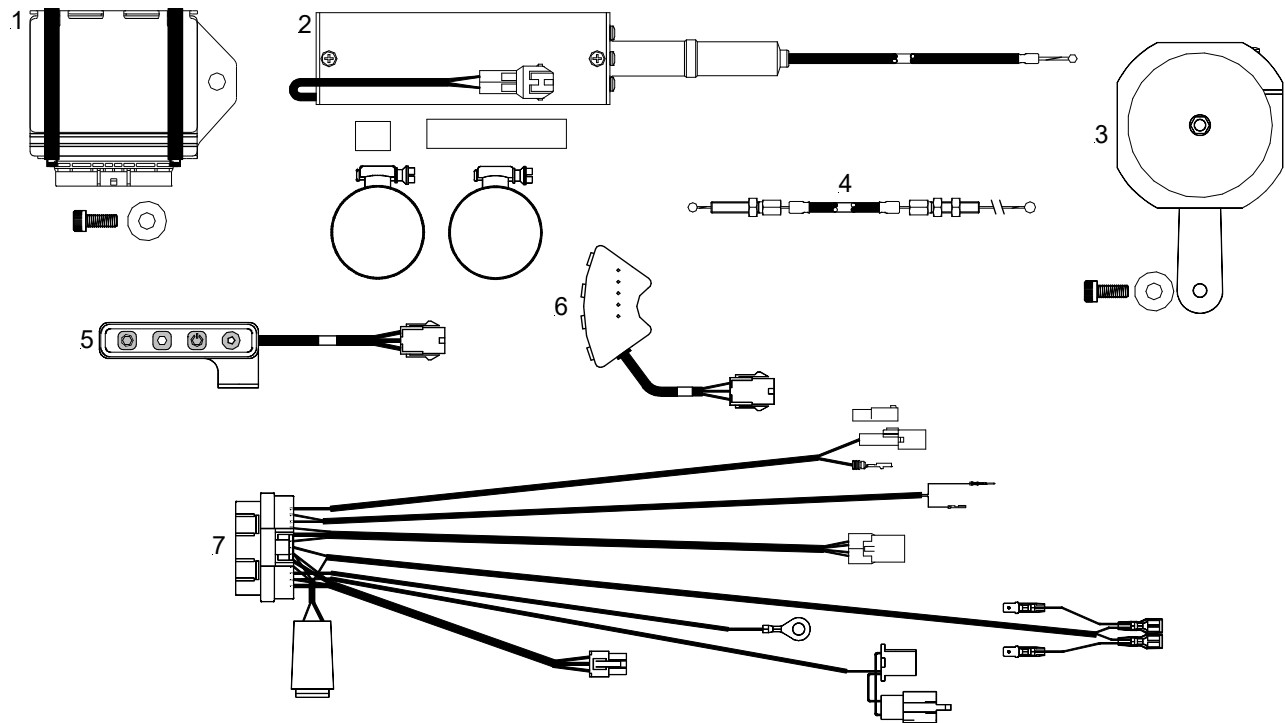


The **Slim Control Switch (6)** mounts on the handlebar on the left side between the bikes' switch block and the clutch lever mounting clamp. This switch also has backlit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.

The new switch is a no cost option, either switch may be selected when purchasing the cruise control.



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. Speed sensing is taken from the bike's speed signal to the speedometer. Tach (engine speed) sensing is detected from the bike's 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 negative terminal of the battery. All these connections are "Plug & Play", no cutting of wires or splicing is required, but terminals on the motorcycle do have to be backed out of housings (connector plugs) for two connections. A set of jeweller's screwdrivers or similar is needed for one of these connections. A dressmaker's pin is needed for the other connection and this is provided in the kit.



## *MotorCycle Cruise Controls*

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