

Electronic Cruise Control for **Suzuki DL1000 V-Strom**

All models from 2014 to 2017



NOTE: - Some overseas models (some parts of Europe and USA California models?) may be fitted with an Evaporative Emissions Charcoal Canister. This canister is fitted in the storage area under the passenger seat.

The cruise control throttle servo is also fitted in this location. If your bike has this canister, you will have to move or remove the canister or find a suitable alternative location for the cruise control throttle servo.

This cruise control kit will NOT fit the DL1000XT that has different connectors in the wiring harness and has a different charcoal canister under the seat.

There is a new cruise control kit for the DL1000XT which locates the throttle servo on the left side of the motor. This kit will also fit all 2nd Gen DL1000 models from 2014.



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

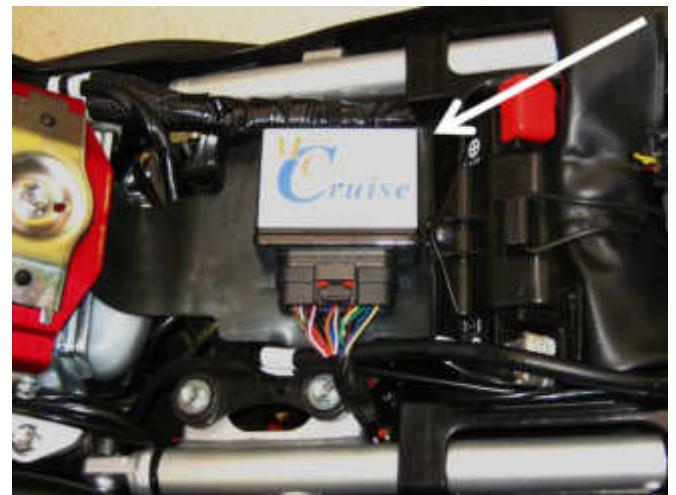
Installed weight of the cruise control is approximately 2.5kg.

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 tail light 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)** mounts under the rider's seat, on top of the rubber flap that covers the ABS modulator. Hook & Loop (Velcro) mounting tape is used to mount the computer.



The **Electric Throttle Servo (2)** is mounted in the rear storage compartment. Hook & Loop (Velcro) mounting tape is used to mount the servo.

The **CIU or Cable Interface Unit (3)** is mounted on the right side of the bike, just inside the right front corner of the fuel tank. The photo below left shows the CIU with the fairing off the bike. The photo below right shows the location of the CIU. It has a new **cable (4)** running from it to the throttle bodies.



The **Control Switch (5)** is mounted on the left hand (clutch) lever mirror mount. The switch is located above the left switch block.



The **Wiring Harness (6)** 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 loom. Speed sensing is taken from the bike's speedometer sender. 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.

MotorCycle Cruise Controls

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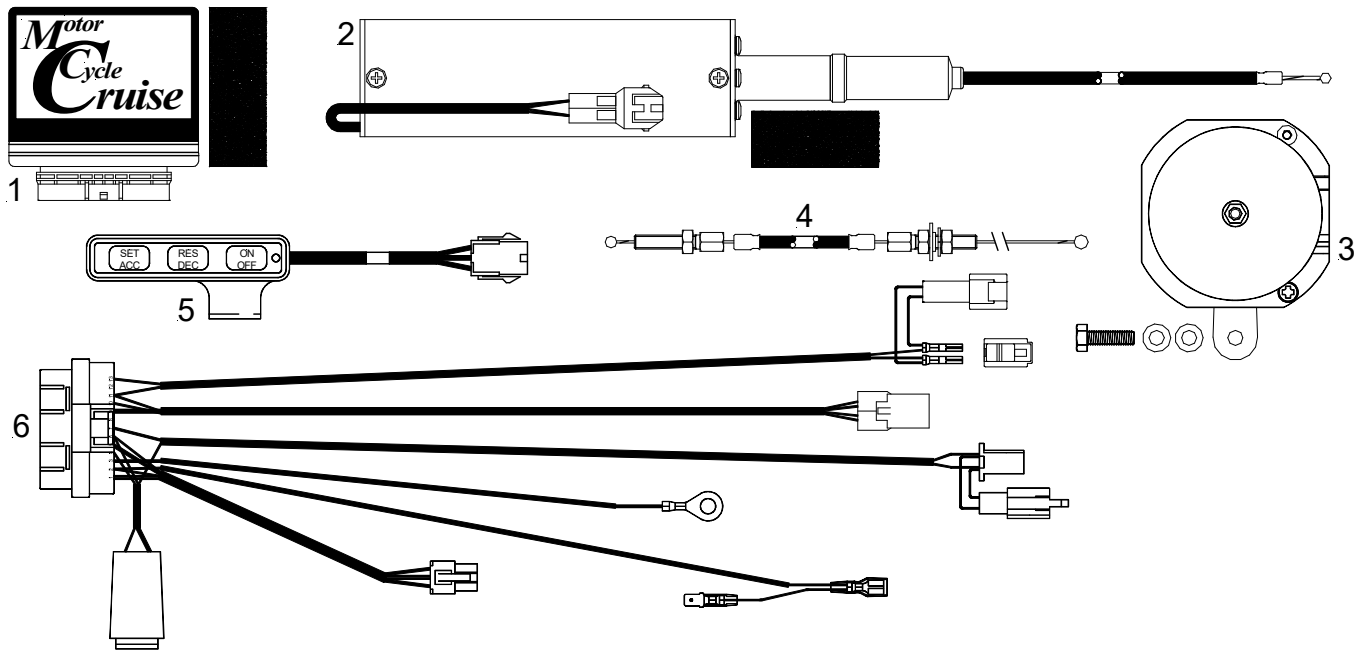
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