

Electronic Cruise Control for DUCATI MULTISTRADA 1200S

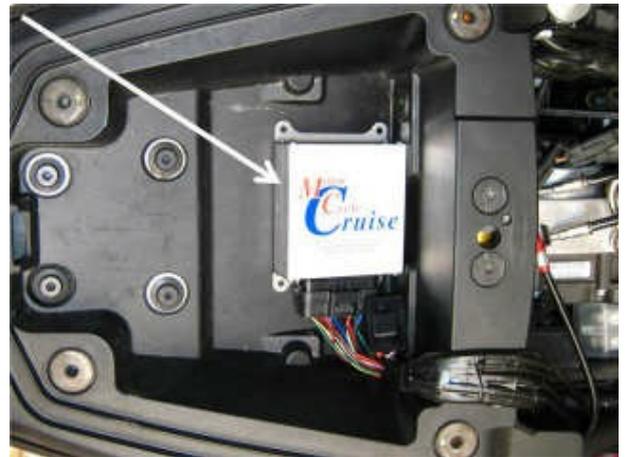


This cruise control kit was developed on a 2011 MTS 1200s. Please ask for a copy of the installation instructions so you can check against the bike if your bike is from a different model year.

The following provides a brief description of the power consumption and component locations of the MotorCycle 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 0.250 amp (3 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).

The **Computer (1)** mounts at the rear of the bike, under the seat in the storage compartment. Velcro mounting tape is provided to mount the computer.



The **Electric Throttle Servo (2)** is mounted on the right side of the engine. It is mounted on the frame with two hose clamps.



The **CIU (3)** is located on the left side of the engine. A new **cable (4)** connects the CIU to the throttle bodies.



The **Speed Sensor (5)** is mounted on the left side of the front wheel, on the axle clamp bolts. Nickel plated magnets are placed in the heads of the bolts that mount the brake disc.



The **Control Switch (6)** is mounted on the left hand mirror mount.



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 harness and the bike's main 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 negative battery terminal.

