

Electronic Cruise Control for YAMAHA XT 1200Z Super Tenere



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 2.3kg.

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 0.50~0.80 amp (6~10 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 components from the numbers in the text.

The **Computer (1)** mounts at the rear of the bike, under the rear luggage 'rack' on the rear mudguard (fender), using mounting tape and self-tapping screws.



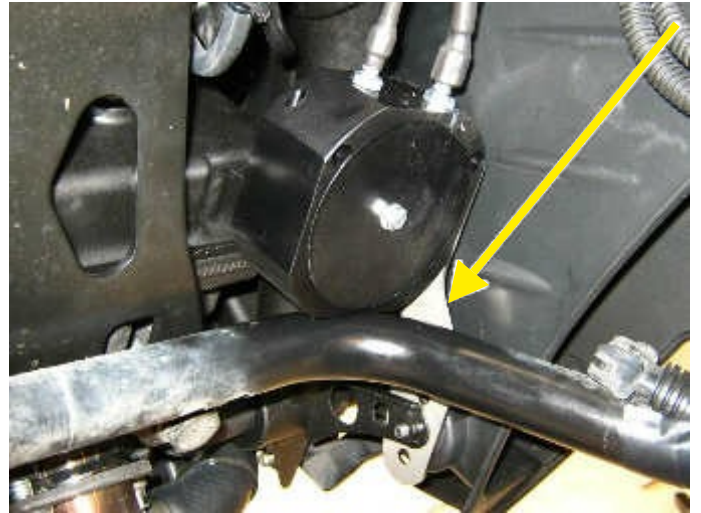
The **Electric throttle servo (2)** is mounted on top of the starter motor. The fuel tank has been removed here, and the actuator is visible above the starter motor.



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



The **CIU (3)** (white arrow) is located in front of the engine, high up on the left side. A new **cable (4)** connects the CIU to the throttle bodies.



An **alternative mounting bracket (4a)** (yellow arrow) and cable for the CIU are available for bikes fitted with 'crash bars' to mount the CIU.

If your bike is fitted with crash bars or you plan to do so, let us know when you order the cruise control kit and we will supply the appropriate parts.

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.

