

# Electronic Cruise Control for YAMAHA XT1200Z SUPER TÉNÉRÉ



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 1.0kg.

Current draw is approximately 0.20 to 0.40 amp (2~4 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.

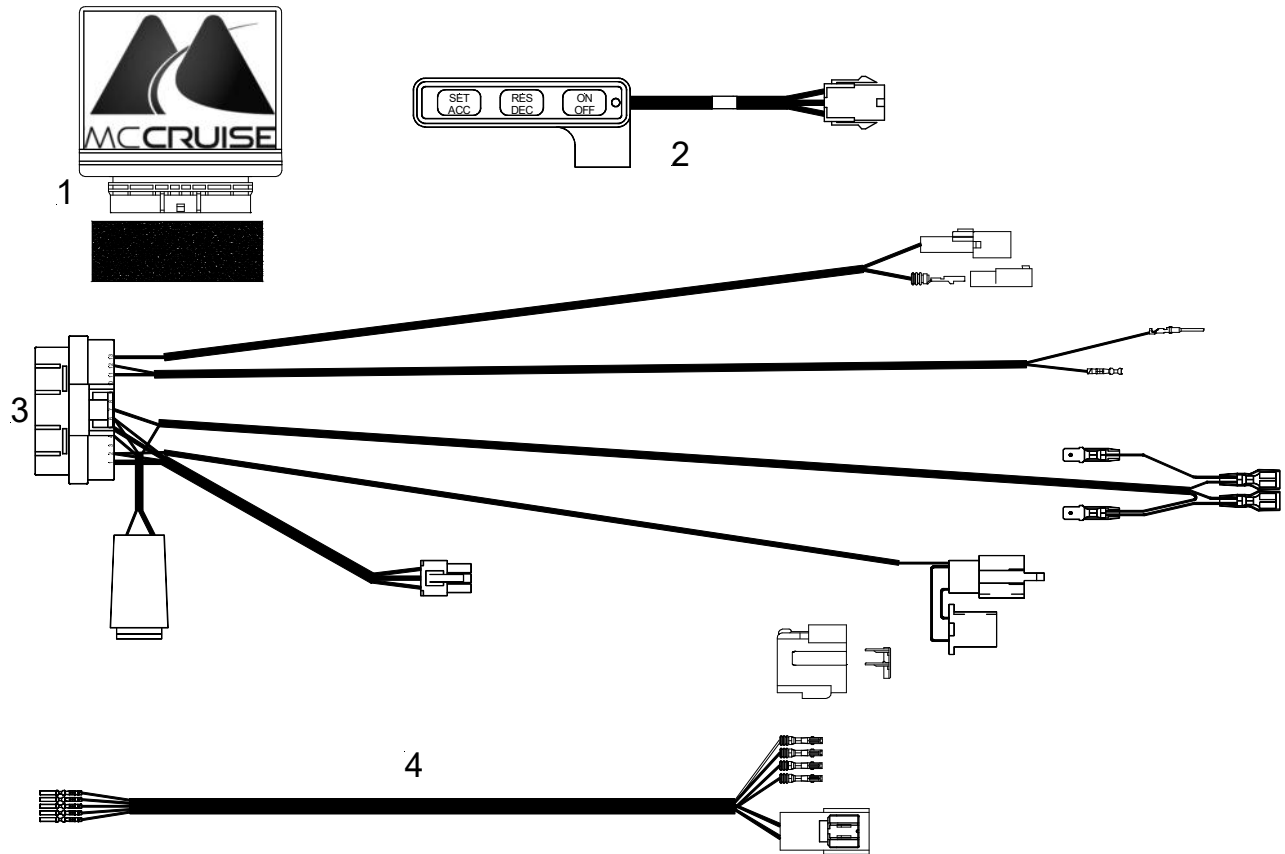


The **Control Switch (2)** is mounted on the left side mirror stalk.



The **Wiring Harness (3)** 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. Road speed sensing is detected from the signals to the bike's engine ECU. Tach signal is sourced from one of the ignition coils. 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 **TPS Wiring Harness (4)** connects the bike's Throttle Grip Position Sensor (TPS). This connection is used to operate the bike's throttle. The connectors, terminals and seals used on this harness are the same type as used on the motorcycle's original TPS connection to ensure that an OE quality connection is maintained. There is no cutting or splicing of wires required anywhere in the installation of the cruise control kit.



## *MotorCycle Cruise Controls*

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