Electronic Cruise Control for

YAMAHA YZR-R1 from 2009 to 2014

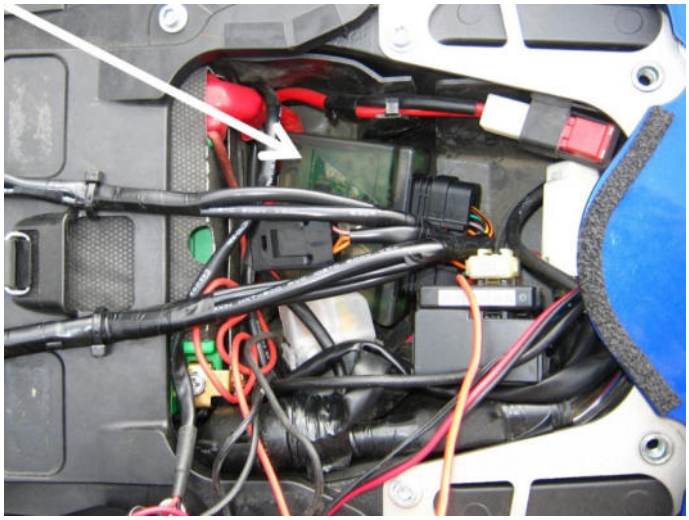
The following provides a brief description of the power consumption and component locations of the MotorCycle Setup electronic cruise control.

Installed weight of the cruise control is approximately 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.



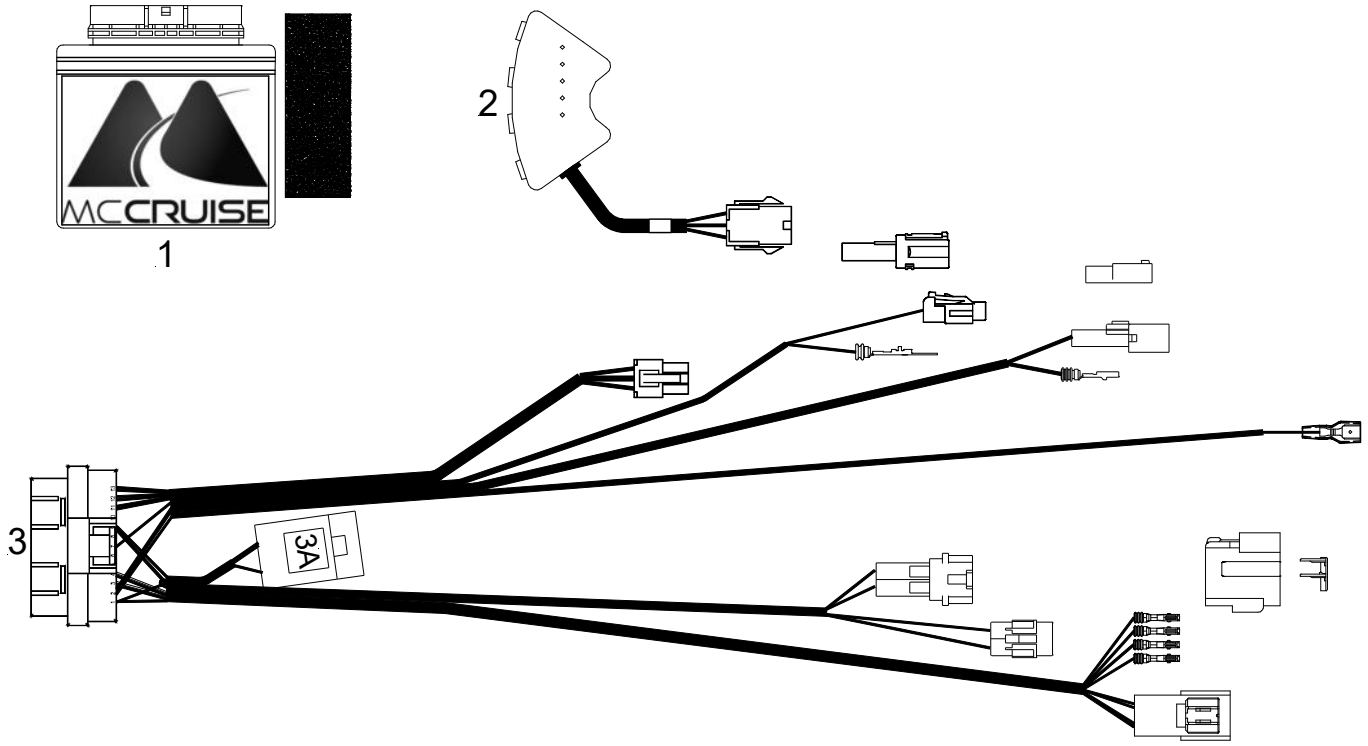
The **Computer (1)** is placed in the storage area behind the battery, under the rider's seat. Velcro mounting tape is provided to secure it to the floor of the compartment. This bike had a lot of other electrical/electronic accessories fitted, as seen by all the extra coloured wires. The cruise control harness is the two larger black wiring harness branches running to the left of the photo.

The New Slim **Control Switch (2)** mounts on the handlebar on the left side on the bikes' switch block. This switch also has back lit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.

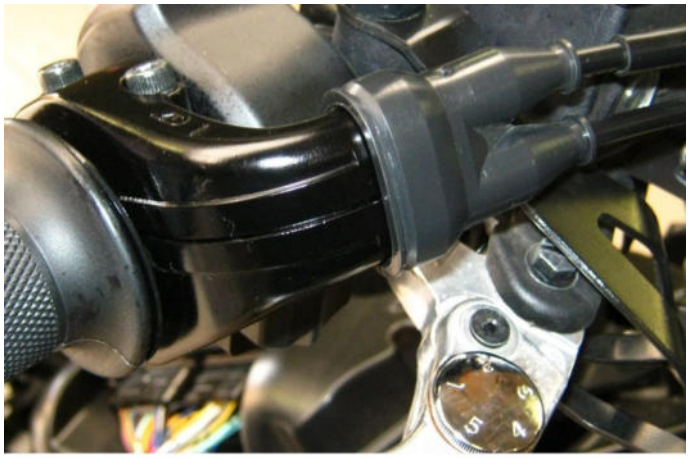
NOTE: - Our standard control switch is not an option on this bike as there is nowhere to mount it.

The **Main 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 circuit by unplugging the rear brake light switch. Matching connectors on the cruise control harness are plugged in to the switch and the bike's harness. Speed sensing is sourced from the bike's speedometer sender. Tach (engine speed) sensing is detected from the bike's ignition coils. Tach signal 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** 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.

Components drawing over the page



NOTE: - This cruise control will ONLY fit earlier model (2009~2014) YZR-R1 models with Throttle-By-Wire that still have throttle cables connected to the twist grip, like the twist grip assembly shown in this photo.



TWO CABLE TWIST GRIP

MotorCycle Cruise Controls

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