

Electronic Cruise Control for

TRIUMPH STREET TRIPLE 765 R & RS from 2021



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

NOTE: - Contact us if your bike has another device connected to the bike's ODBII diagnostic connector.

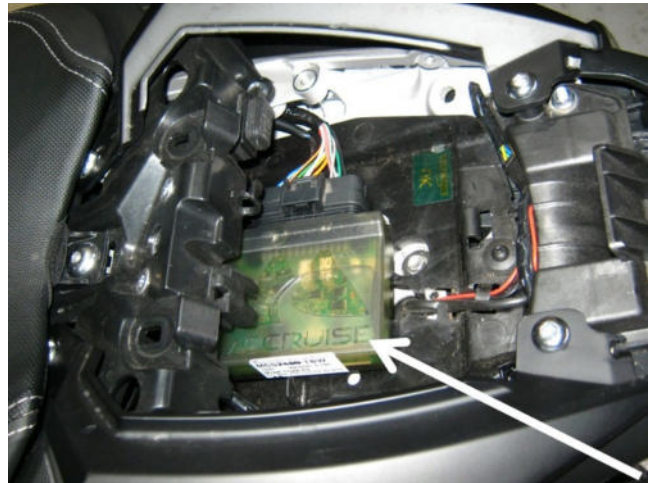
Installed weight of the cruise control is approximately 1.0kg.

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 mounted under the rear (passenger) seat using Velcro mounting tape.



The optional New Slim **Control Switch (2)** mounts on the handlebar between the bikes' switch block and the clutch lever mount. This switch also has backlit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.

This switch is suitable for use on bikes with standard mirrors that mount on the clutch lever mount or with bar end mirrors.



If the bike has mirror mounts built into the clutch lever, the **Original Style Control Switch with the taller mounting bracket (3)** is mounted above the handlebar on the left side on the clutch lever/mirror mount. This switch has backlit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.



The **Original Style Control Switch** is also available with an **optional shorter mounting bracket (4)** also suitable for mirror mounting.

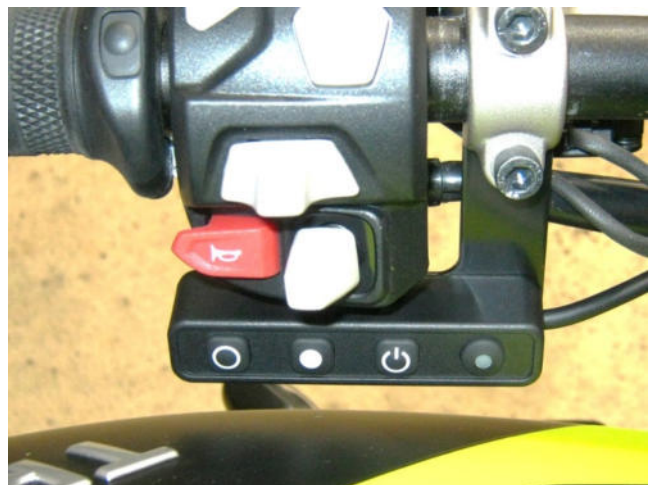


The **Original Style Control Switch** is also available with a **below bar mounting bracket (5)**. This is suitable for bikes with standard mirrors and bar end mirrors.



Before ordering the below bar switch, check that there is enough space between the handlebar and the fuel tank on full left turns.

The bottom of the cruise switch sits about 30 to 35 mm (1 ¼") below the bottom of the bike's switch block, so you need at least 40mm (1 ½") clearance to the fuel tank on full left turn.



MotorCycle Cruise Controls

Unit 13, 137~145 Rooks Road

Nunawading VIC 3131

AUSTRALIA

Web Site:

<http://www.mccruise.com>

International:

Phone (International Access Code) 61 3 9808 2804

Australia:

Phone (03) 9808 2804

E-mail: sales@mccruise.com

The **Original Style Control Switch** is also available with an **above bar mounting bracket (6)** suitable for bikes with bar end mirrors.



There is adequate space below the switch to use the controls on the bike's switch block when the above bar mounting bracket is used.



The **Main Wiring Harness (7)** has the same type of plugs or terminals that are already used on the motorcycle. Power and brake sensing for the cruise control is sourced from the bike's brake light circuit. The rear brake light switch connector is unplugged. Matching connectors on the cruise control harness are plugged in to the switch and the bike's harness. The harness also connects to the bike's engine ECU using the Throttle-grip Position Sensor (TPS) connections. This connection is used to operate the bike's throttle. The connectors & terminals 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. Four terminals at one of the bike's ECU plugs must be backed out of the housing, and matching terminals on the cruise control harness are inserted into the ECU connector. The **CAN-BUS Wiring Harness (8)** is used to connect the cruise to the bike's OBD2 diagnostic plug. Road speed signal, tach (engine speed) signal, brake application and clutch operation signals are all sourced from the bike's CAN-BUS system. Tach signal is used to disengage the cruise if the engine revs vary from gear change or clutch slip. If the clutch is fully disengaged, the cruise detects this instantly.

NOTE: - If the bike is fitted with a fuel monitor or other type of CAN-BUS dongle connected to the OBDII diagnostic connector, contact us for ways to allow connection of the cruise control AND the dongle to the bike's diagnostic plug. The plug can be disconnected to allow the dealer to service the bike and reconnected again after without any complications or consequences.

Component parts drawings are over the page.

MotorCycle Cruise Controls

Unit 13, 137~145 Rooks Road

Nunawading VIC 3131

AUSTRALIA

Web Site:

<http://www.mccruise.com>

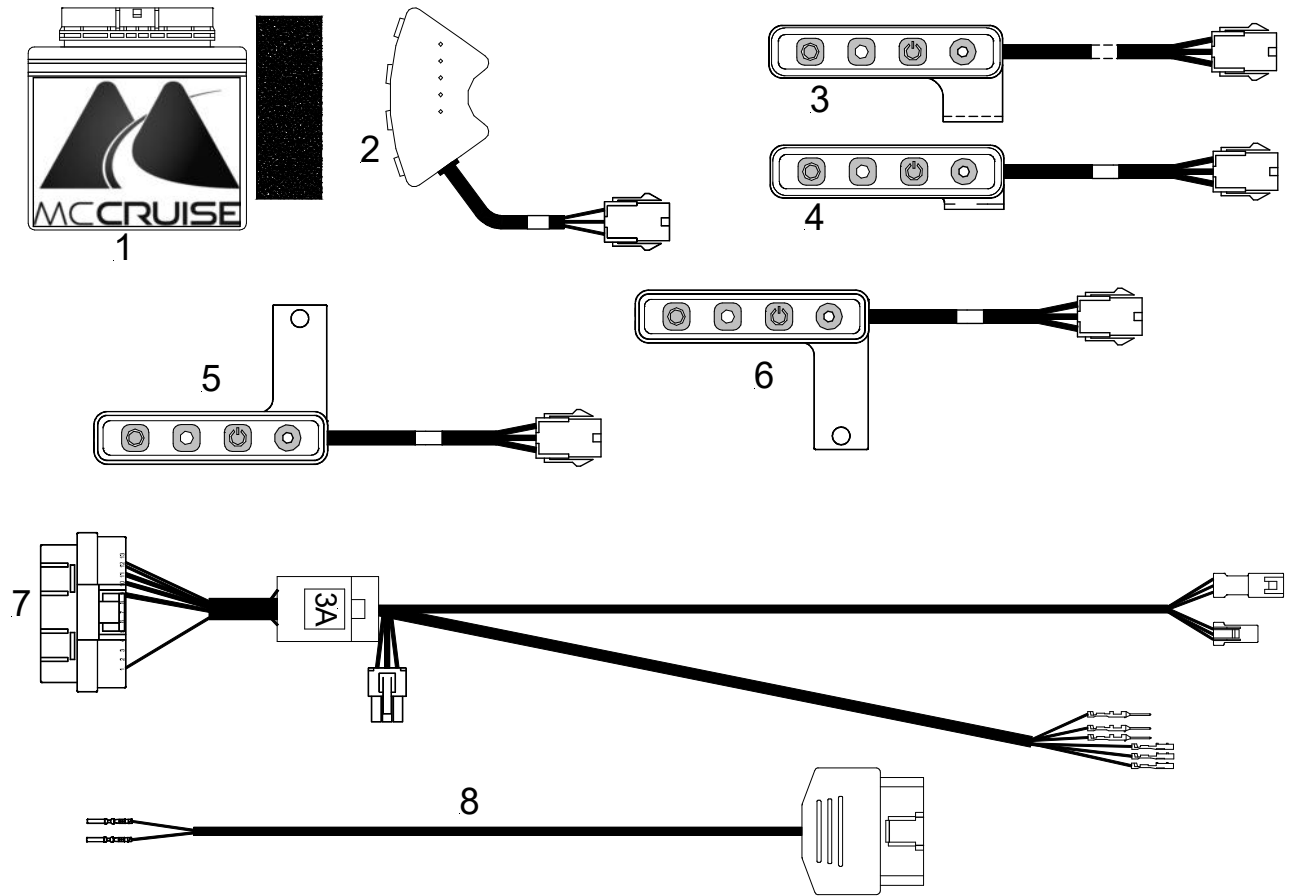
International:

Phone (International Access Code) 61 3 9808 2804

Australia:

Phone (03) 9808 2804

E-mail: sales@mccruise.com



MotorCycle Cruise Controls

Unit 13, 137~145 Rooks Road

Nunawading VIC 3131

AUSTRALIA

Web Site:

<http://www.mccruise.com>

International:

Phone (International Access Code) 61 3 9808 2804

Australia:

Phone (03) 9808 2804

E-mail: sales@mccruise.com