

# *Electronic Cruise Control for* **HUSQVARNA 701 & 701LR 2017~2019**



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

**See the note about tools required for this installation at the end of this document.**

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 taillight 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.

This photo shows the **Computer (1)** mounted on a custom **bracket (2a)** on the left side of the bike, next to the motor. This is the standard bracket supplied with the cruise control.



If the bike has the long-range fuel tank (the LR version) the computer and bracket on the previous page will not fit. We designed a new **bracket (2b)**.

Either the **Standard (2a)** or **Long Range (2b)** bracket may be selected when ordering the cruise control. The Long-Range bracket will fit either version of the 701 Enduro.

This photo is from a later model, but it fits both models.



The **New Slim Control Switch (3)** mounts on the handlebar next to the bike's left side switch block. This switch has back lit buttons for night use, and an indicator light for power (ON-OFF) and cruise engage indication.



The optional **Standard Control Switch (4)** may be mounted above the handlebar on the left side on the clutch lever/mirror mount. This switch has back lit buttons for night use, and an indicator light for power (ON-OFF) and engage indication.

This photo shows the switch on a KTM690, the Husqvarna is the same.



There is also an **optional switch mounting bracket available (5)** that places the switch below the handlebar.



## ***MotorCycle Cruise Controls***

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<http://www.mccruise.com>

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**Phone (International Access Code) 61 3 9808 2804**

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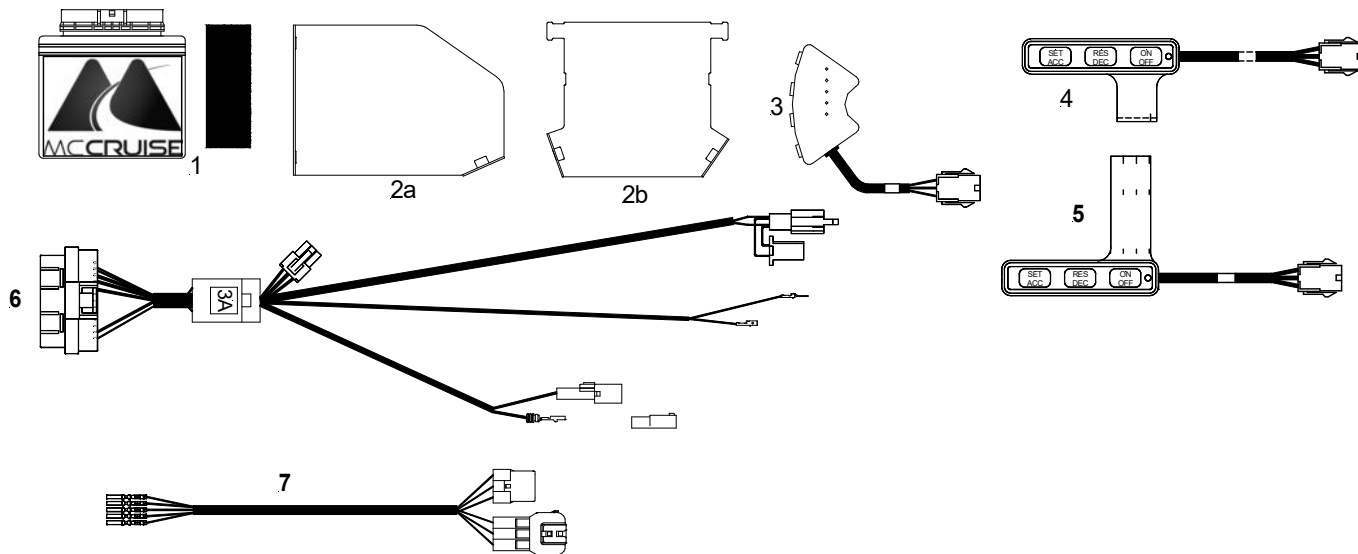
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The **Main Wiring Harness (6)** has the same type of plugs or terminals that are already used on the motorcycle. Power and brake sensing for the cruise control is sourced from the bikes brake light circuit. The front brake light switch connector is unplugged. Matching connectors on the cruise control harness are plugged in to the switch and the bike's harness. Speed signal is sourced from a connection to the ABS switch in the instrument panel. Tach signal is sourced from one of the ignition coils. Tach signal is used to disengage the cruise if the engine revs vary from gear change or clutch slip. These connections require wires and terminals to be backed out of connectors. Matching terminal connections are provided on the wiring harness.

The **TPS Wiring Harness (7)** connects the bike's Throttle 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.



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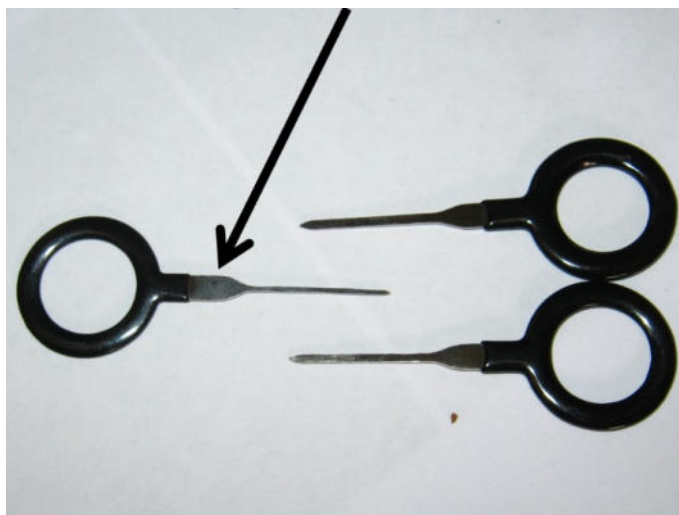
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**NOTE:** - The installation of the cruise control also requires that small and delicate electrical terminals be backed out of connector housings. Suitable tools to do this are available to be ordered with the cruise control if the installer does not have such tools already. Backing out these terminals without suitable tools is possible but very difficult.

If the cruise control is ordered with the optional terminal extractor set the correct tool in the set is the smallest single point tool (arrowed).



These sets have 3 or 4 single point tools usually. The finest tool in the set is the one needed.



**NOTE:** - It is not essential to have these tools, but they make the installation much easier. There is only ONE connection that requires the use of these tools.

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