

Electronic Cruise Control for **HONDA NT700V Deauville**



NOTE: - When ordering this kit you must specify what type of connector is used on the bike's rear brake light switch. See the end of this document for information. Please specify if you bike has ABS brakes or not.

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 2.3kg.

Current draw while the cruise is switched on, but not engaged, is approximately 0.10 amp (1 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 in the rear storage compartment under the seat. It is mounted to the floor of the compartment using self-adhesive Velcro.



The **Electric Throttle Servo (2)** is mounted on the left side of the bike, on the engine protection bars, inside the fairing.



The **Cable Interface Unit (3)** is located above the engine. It is hidden under the air filter housing. A new **cable (4)** connects it to the throttle bodies.



The **Control Switch** has two different mounting brackets available.

The **Standard Control Switch mount (5a)** is shown here, above the handlebar, mounted on the clamp that mounts the clutch lever.



The optional **Low Control Switch mount (5b)** is shown here, below the handlebar, mounted on the clamp that mounts the clutch lever, however care must be taken with this with standard handlebars.

When the handlebars are turned full left, the switch almost touches the fairing panel/fuel tank.

If the bike is fitted with higher bars, OR spacers to raise the standard bars (see next photo), the switch will fit.

If it is fitted with the standard bars, you **may** need to rotate the bars slightly higher to clear the tank.



MotorCycle Cruise Controls

**6 Kingston Street
Mount Waverley VIC 3149
AUSTRALIA**

Web Site: <http://www.mccruise.com>

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

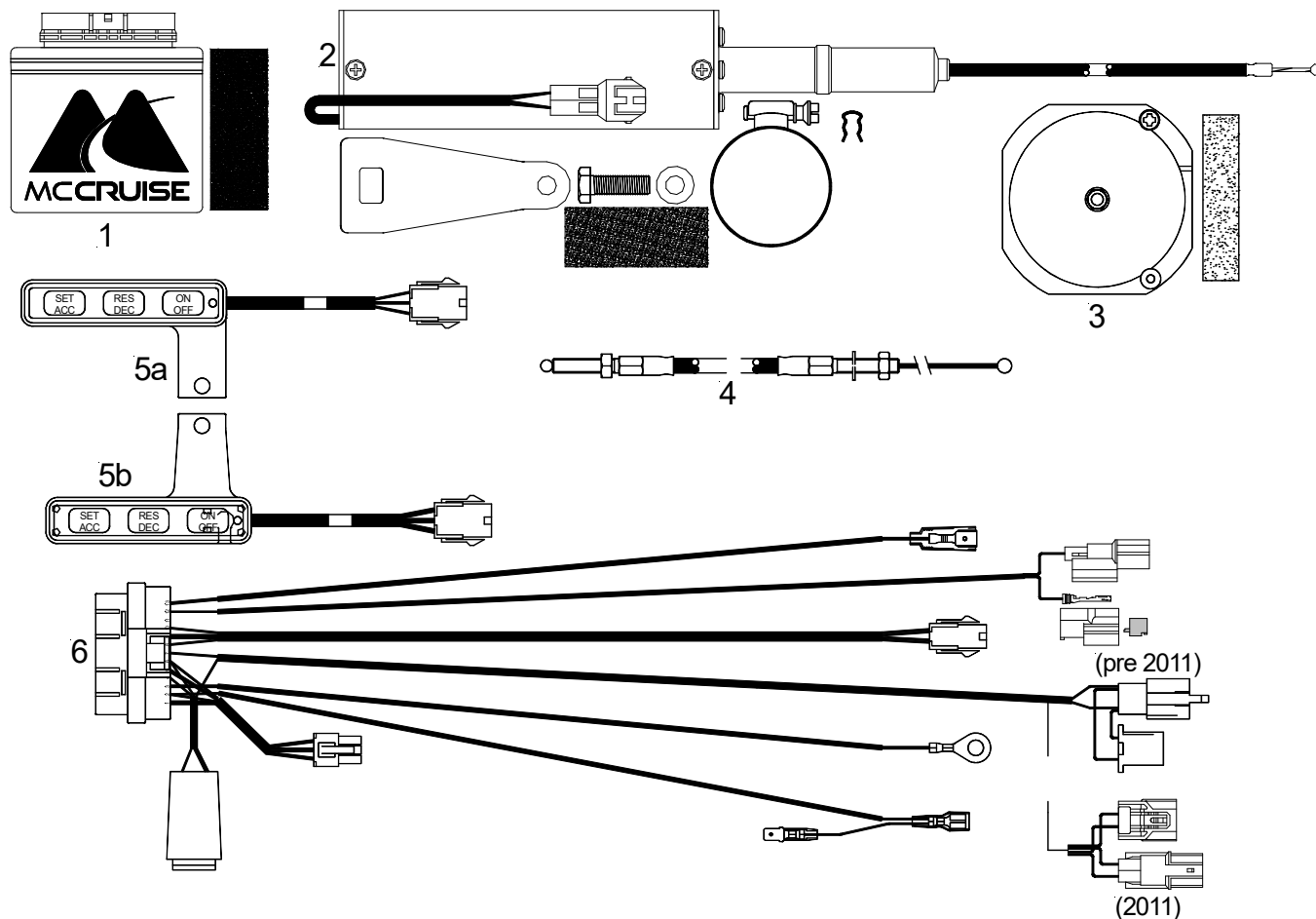
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The **Wiring Harness (6)** has the same type of plugs or terminals that are already used on the motorcycle. Power for the cruise control and brake sensing is taken off the brake light circuit by unplugging the rear brake light switch. Matching connectors on the cruise control loom are plugged in to the switch and the bike's harness. Road speed sensing is detected from the bike's speedometer sender. Tach signal is sourced from one of the 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 cruise control is grounded on the negative battery terminal.



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How to determine the type of brake light switch connectors.

The right side cover will have to be removed to see what type of brake light switch plugs are fitted to the bike.

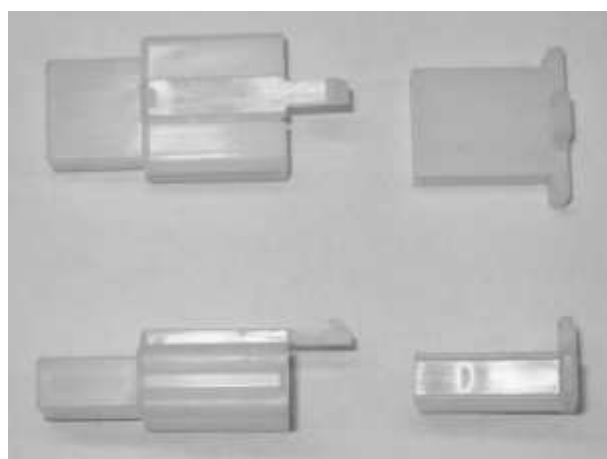
To our knowledge, all 700 Deauville's produced up to the 2010 model year have the wires from the rear brake light switch fitted with 2.8mm QC spade connectors in a three way housing. The middle position in the housing is not used and does not have a wire fitted to it. The plug for the switch is located above the right side passenger's foot rest, about level with the front of the rear tire.



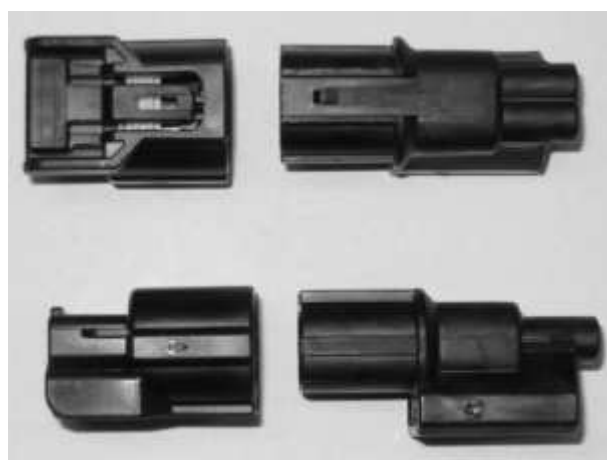
This connector is a black unsealed type connector. Both wires from the switch are black. If you follow the wires they will go down to the switch on the rear brake mechanism.

The photo shows the same type of connector in white instead of black plastic.

The wires from the bike's main wiring harness are white/green and green/yellow, however the end of the connector is usually taped so you cannot see these wires. Cruise control MCS 4370/1 will fit these bikes.



For the 2011 model year, a new type of brake light switch plug is fitted. This plug is also black, but is a sealed 2 way connector. The wire colours are the same, two black wires from the switch and a white/green and green/yellow on the bikes main wiring harness, again usually taped over. Cruise control MCS 4370/2 will fit these bikes.



Note that 2011 model year bikes may have a production date as early as July 2010.

Please determine what type of connectors is fitted to your bike, and ensure the correct kit is ordered.

Please let us know if you bike has ABS brakes or not.

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