Electronic Cruise Control for

HONDA CTX1300

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)** (white square in the photo) mounts on top of the air filter housing. There is self-adhesive Velcro provided in the kit to mount the computer.

The **Electric Throttle Servo (2)** (red rectangle in the photo) is mounted on the right side of the bike, on part of the fairing internal support frame.

The **CIU (3)** (white arrow in the photo) is located near the front corner of the cylinder head, under the front of the air filter housing. A new **cable (4)** connects it to the throttle bodies.

This photo shows the bike with the body panels removed.

The **Computer (1)** (white arrow in the photo) mounts on top of the air filter housing.

The **Electric Throttle Servo (2)** (red arrow in the photo) is mounted on the right side of the bike, on part of the fairing internal support frame.

This photo shows the bike with the air filter housing removed, looking down at the area in front of the throttle bodies.

The **CIU (3)** (white arrow in the photo) is located near the front corner of the cylinder head, under the front of the air filter housing. A new **cable (4)** connects it to the throttle bodies.

The **Control Switch (5)** mounts above the handlebar on the left side on the clutch lever mount.

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.

Parts drawing over page.

MotorCycle Cruise Controls

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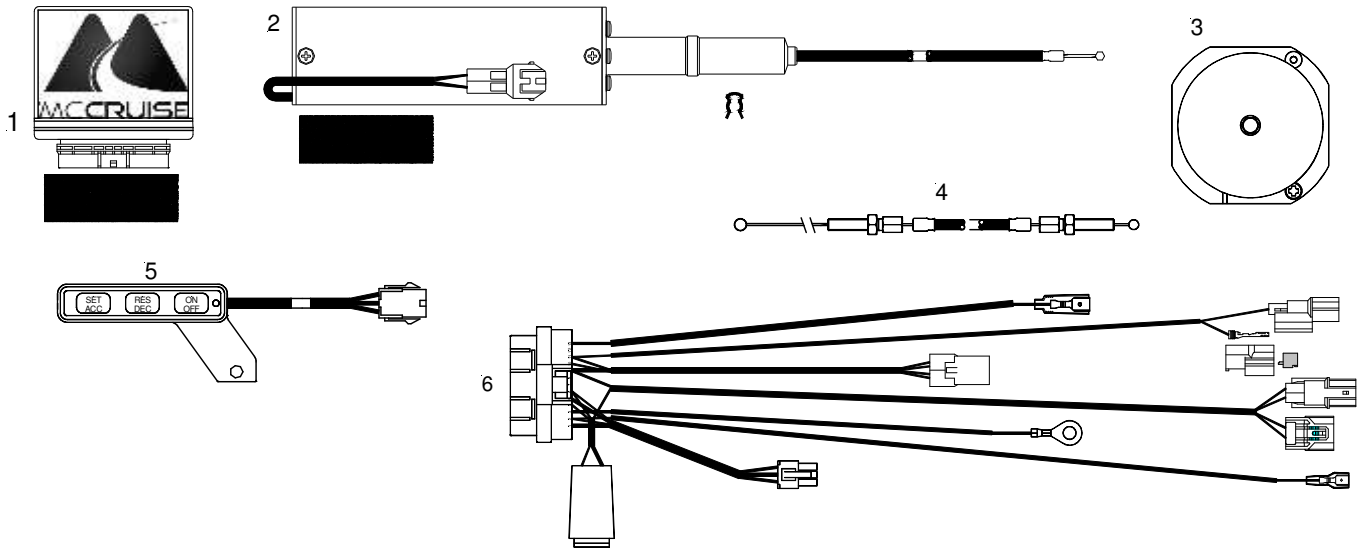

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