



How to check Hall Cable Sensor (Ref: 011)

Inspection of the signal output

Turn the power lock switch to OFF.

Remove the front panel.

Connect the multimeter between the white/green signal output wire and the black ground wire on Hall cable sensor.

Turn the ignition switch to ON. Turn the handle slowly from the start angle to the end angle, and check the signal output voltage between them.



Connection: White/green (+) - black (-)

Standard: Start angle 0.83 - 0.9V

End angle 3.75 - 3.85V

The voltage should change smoothly between standard values with turning Twist Grip.

How to check Cable Hall Sensor power input (Ref: 014)

Turn the ignition switch to OFF.

Disconnect the Hall cable sensor connector.

Turn the ignition switch to ON.

Check the voltage between the dark red wire and the black wire.

Connection: Dark red (+) - black (-)

Standard: 4.2V-5V

Check the following items if the measurement value is far more than the standard one:

- The controller failed
- The circuit between controller and Hall cable sensor is in a bad contact or is open.