

4E



Wheel Speed Sensor and Sensor Rotor Inspection

Wheel Speed Sensor – Sensor Rotor Clearance

Check the clearance between the wheel speed sensor (1) and sensor rotor (2) using the thickness gauge.

Special Tool

(A): [09900-20803](#)

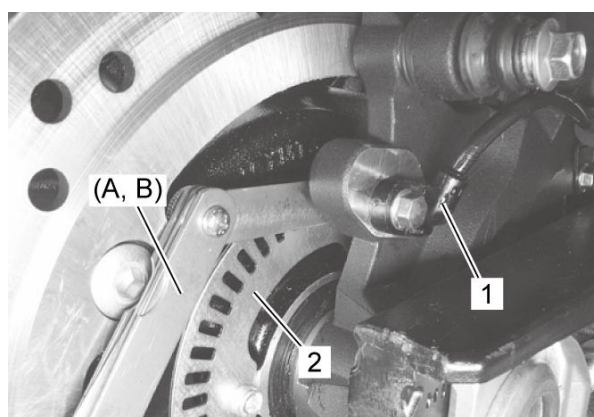
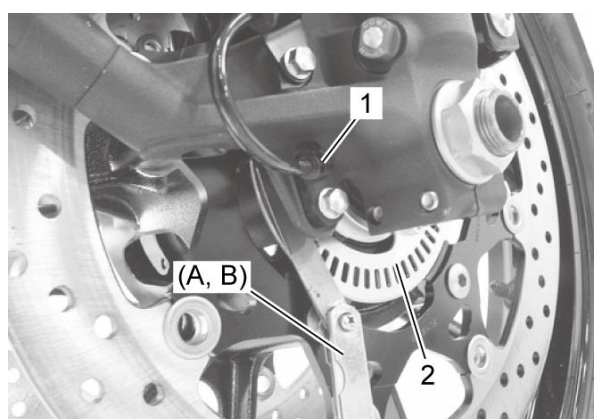
(B): [09900-20806](#)

Front wheel speed sensor – Sensor rotor clearance

0.46 – 1.67 mm (0.018 – 0.066 in)

Rear wheel speed sensor – Sensor rotor clearance

0.51 – 1.62 mm (0.020 – 0.064 in)





Wheel Speed Sensor

- 1) Remove the wheel speed sensor.
 - Front wheel speed sensor:
 - Rear wheel speed sensor:
- 2) Inspect the wheel speed sensor for damage.

Clean the sensor if any metal particle or foreign material stuck on it.




3) After finishing the speed sensor inspection, install the wheel speed sensor.

- Front wheel speed sensor: 
- Rear wheel speed sensor: 

Wheel Speed Sensor Rotor

1) Raise the wheel off the ground and support the motorcycle with a jack or wooden block.

2) Check that no wheel speed sensor rotor teeth are broken and that no foreign objects are caught in the wheel speed sensor. If any defects are found, replace the wheel speed sensor rotor with a new one.

- Front: 
- Rear: 