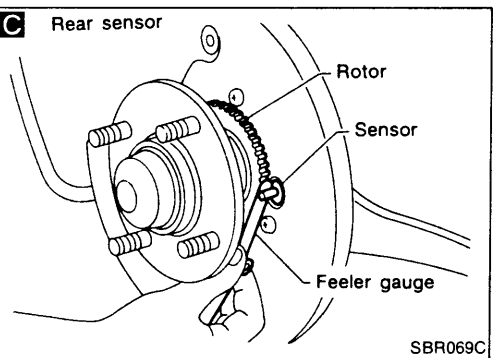
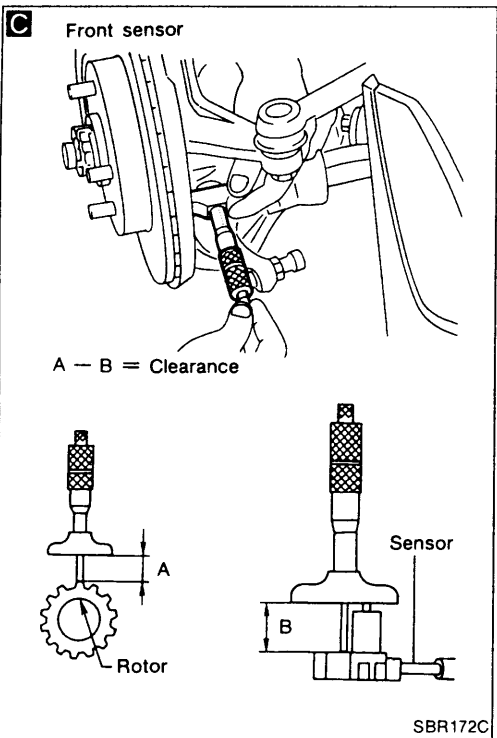
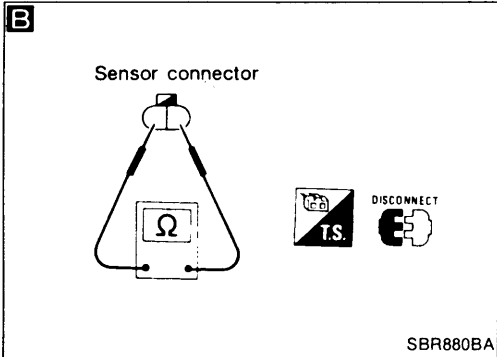
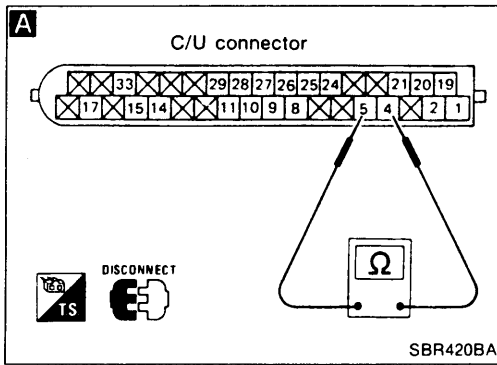


Diagnostic Procedure 9

WHEEL SPEED SENSOR (LED flashing number 5 - 8)



INSPECTION START

Remove battery negative terminal connector.

A

CHECK SPEED SENSOR RESISTANCE.
Check resistance between control unit connector (vehicle side) terminals as shown.

Flashing number 5 (Fr. LH): 2WD

④ and ⑤

4WD

④ and ②②

Flashing number 6 (Fr. RH): ⑪ and ②①

Flashing number 7 (Rr. RH): ②④ and ②⑥

Flashing number 8 (Rr. LH): ⑧ and ⑨

Resistance: 0.8 - 1.3 kΩ

OK

① (See below.)

B

NG

Check resistance for sensor.

Resistance: 0.8 - 1.3 kΩ

NG

Replace sensor.

OK

Repair harness between sensor connector and control unit connector.

①

Note

WHEEL SENSOR MECHANICAL CHECK

Check for inflation pressure, wear and size of each tire.

Note

Adjust tire pressure or replace tire(s).

OK

Note

Check wheel bearing axial end play. Refer to FA or RA section ("Front/Rear Wheel Bearing", "ON-VEHICLE SERVICE").

Note

Follow the direction in FA or RA section ("Front/Rear Wheel Bearing", "ON-VEHICLE SERVICE").

OK

C Note

Check clearance between sensor and rotor.

Clearance: 0.1 - 1.1 mm (0.004 - 0.043 in)

Note

Clean sensor fixing portion, or replace sensor.

Note

Check sensor rotor for teeth damage.

Replace sensor rotor (with drive shaft, wheel hub).

OK

Replace control module.

Note: Wheel position should be distinguished by code No.