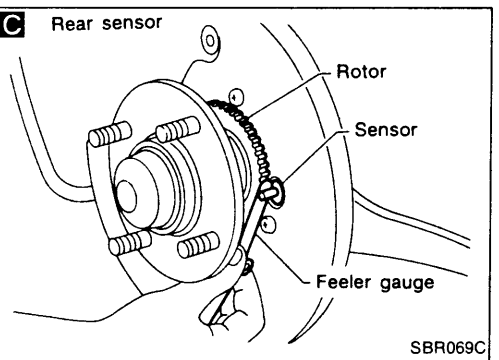
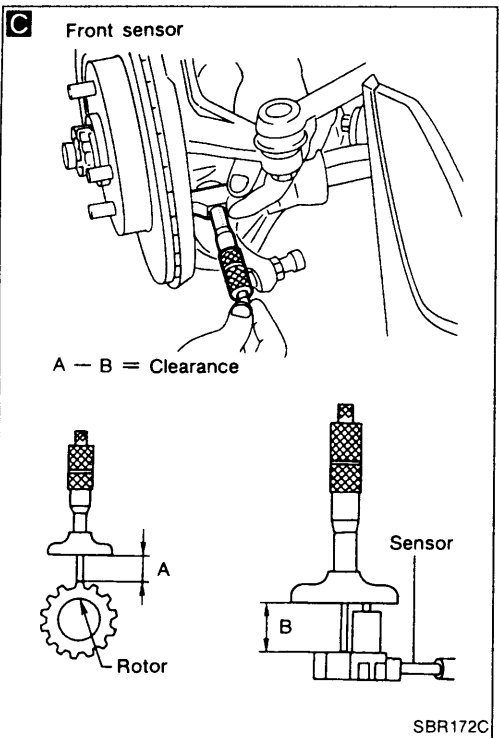
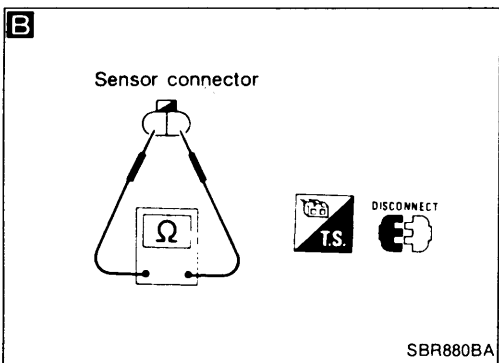
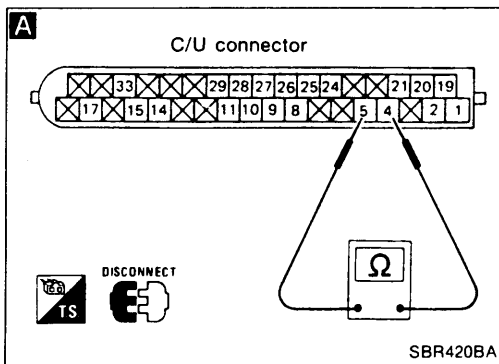


## Diagnostic Procedure 9

### 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 → (A) (See below.)

**B**

Check resistance for sensor.  
Resistance: 0.8 - 1.3 kΩ

NG → Replace sensor.

OK →

Repair harness between sensor connector and control unit connector.

Note

WHEEL SENSOR MECHANICAL CHECK

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

NG → 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").

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

OK →

Note

Check clearance between sensor and rotor.  
Clearance: 0.1 - 1.1 mm (0.004 - 0.043 in)

NG → Note: Clean sensor fixing portion, or replace sensor.

OK →

Note

Check sensor rotor for teeth damage.

NG → Note: Replace sensor rotor (with drive shaft, wheel hub).

OK →

Replace control module.

Note: Wheel position should be distinguished by code No.