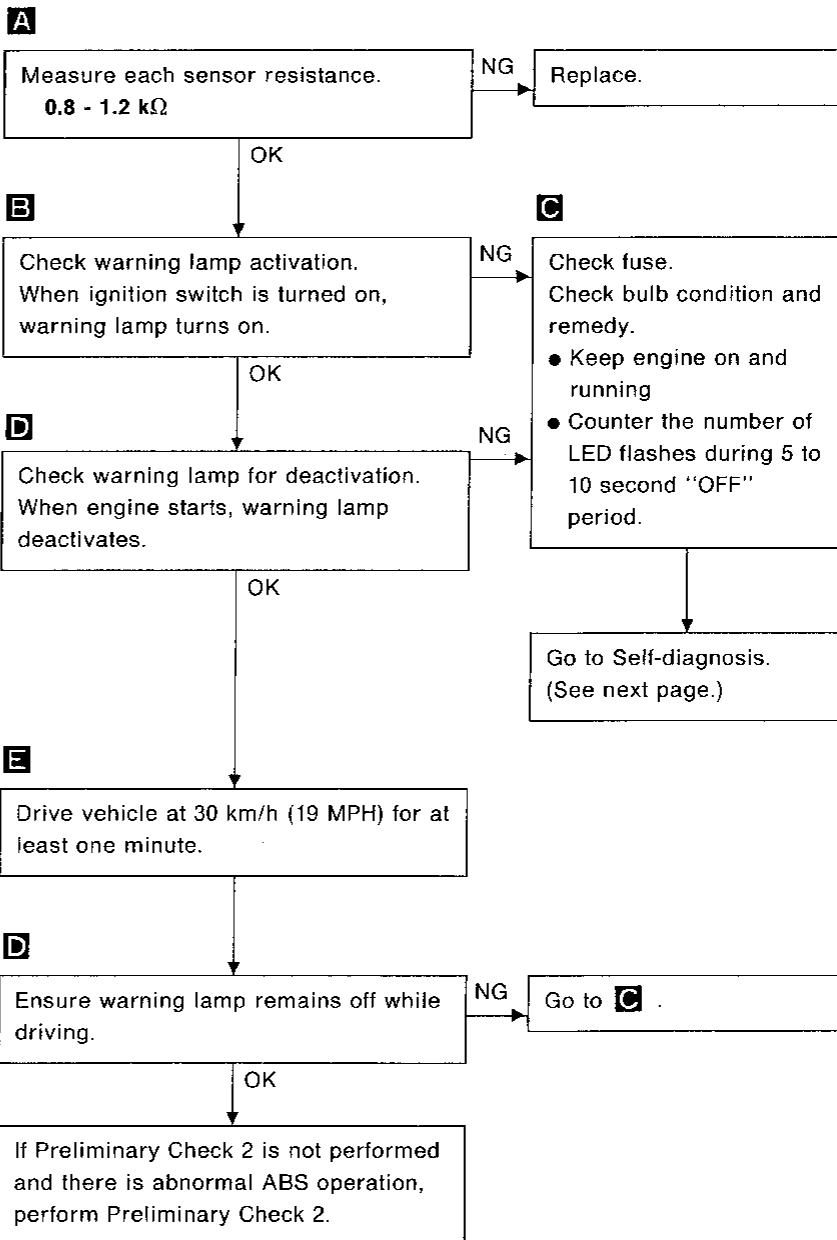
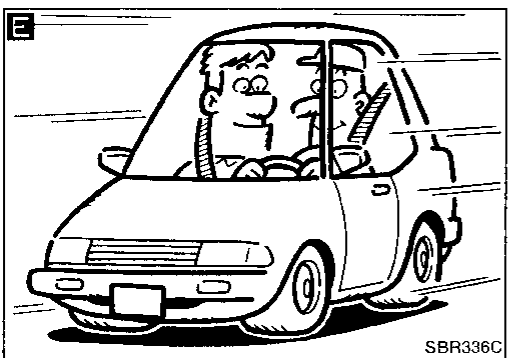
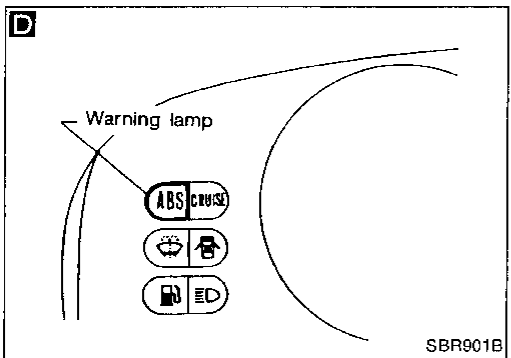
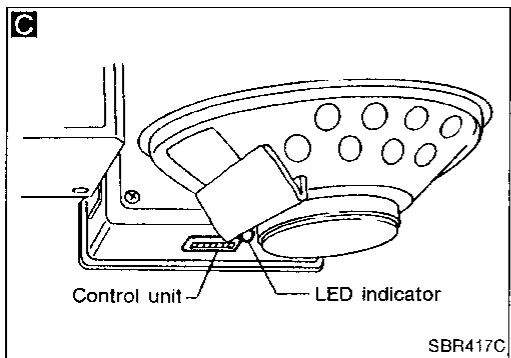
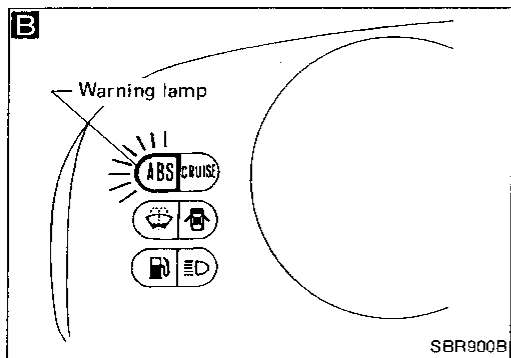
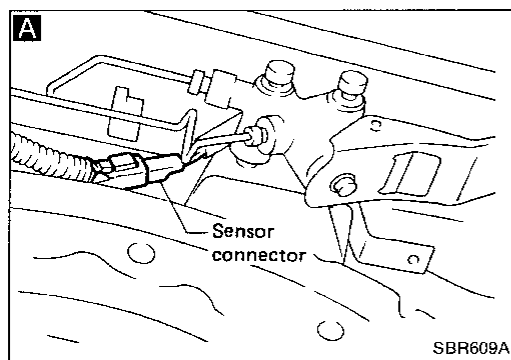


Preliminary Check 3



Self-diagnosis

CHECKING THE NUMBER OF LED FLASHES

When a problem occurs in the ABS, the warning light on the instrument panel comes on. As shown in the Table, the control unit performs self-diagnosis.

To obtain satisfactory self-diagnosing results, the vehicle must be driven above 30 km/h (19 MPH) for at least one minute before the self-diagnosis is performed. After the vehicle is stopped, the number of LED flashes is counted while the engine is running.

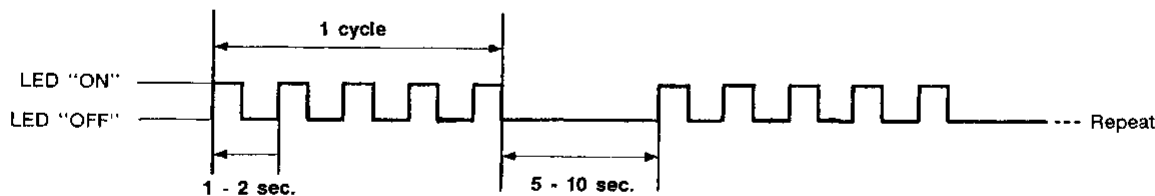
The LED is located on the control unit, identifying a malfunctioning part or unit by the number of flashes. Both the warning light and the LED persistently activate, even after a malfunctioning part or unit has been repaired, unless the ignition switch is turned "OFF". After repairs, turn the ignition switch "OFF". Then start the engine and drive the vehicle over 30 km/h (19 MPH) for at least one minute to ensure that the malfunctioning part or unit has been repaired properly.

If more than two circuits malfunction at the same time, the LED will flash to indicate one of the malfunctioning circuits. After the circuit has been repaired, the LED will then flash to indicate that the other circuit is malfunctioning.

No. of LED flashes	Malfunctioning parts or circuit
1	Left front actuator solenoid circuit
2	Right front actuator solenoid circuit
3	Right rear actuator solenoid circuit
4	Left rear actuator solenoid circuit
5	Left front wheel sensor circuit
6	Right front wheel sensor circuit
7	Right rear wheel sensor circuit
8	Left rear wheel sensor circuit
9	Motor and motor relay
10	Solenoid valve relay
16 or continuous	Control unit
Warning activates and LED "OFF"	Power supply or ground circuit for control unit

Example

Improper operation of left front rotor sensor circuit



SBR531AA

Go to Diagnostic Procedures 7-12 (BR-46 - 50), where malfunction portion is concerned.

Component Parts and Harness Connector Location

