2. Inspection and Replacement Standards

A: VEHICLES WHICH BECOME INVOLVED IN A COLLISION

If the vehicle equipped with an SRS airbag system is damaged in a collision, the airbag system parts must be checked and replaced in accordance with the following standards:
● **After faulty parts are replaced, the warning light operation must be checked.**
● **When the ignition switch is turned ON, it lights up for 8 seconds and then it goes out for at least 30 seconds.**
● **The trouble code stored in memory must be erased after the check.**

B: AIRBAG MODULE (DRIVER AND PASSENGER)

1. INSPECTION STANDARD

● The vehicle damaged in a collision (regardless of whether or not airbag is deployed).
● The designated trouble code is output during self-diagnosis. (Refer to "Diagnostics" Section.)

2. REPLACEMENT STANDARD

● Airbag is deployed.
● The pad surface is scratched or cracked.
● Harness and/or connector is deformed or cracked, their circuits are broken, lead wire is exposed, etc.
● Mounting bracket is cracked or deformed.
● The module surface is fouled with foreign matter. (grease, oil, water, cleaning solvent, etc.)
● Airbag module dropped to the floor/ground.
● Airbag module determined as faulty during self-diagnosis.

C: MAIN HARNESS

1. INSPECTION STANDARD

● A vehicle damaged in a collision (regardless of whether or not airbag is deployed).
● The designated trouble code is output during self-diagnosis. (Refer to "Diagnostics" Section.)

2. REPLACEMENT STANDARD

● Harness circuit is broken, lead wire is exposed, corrugated tube is cracked, etc.
● Connector is scratched or cracked.
● The designated trouble code is output during self-diagnosis.

D: AIRBAG CONTROL MODULE

1. INSPECTION STANDARD

● A vehicle damaged in a collision (regardless of whether or not airbag is deployed).
● The designated trouble code is output during self-diagnosis. (Refer to "Diagnostics" Section.)

2. REPLACEMENT STANDARD

● Control module is cracked or deformed.
● Mounting bracket is cracked or deformed.
● Connector is scratched or cracked.
● Control module dropped to the floor/ground.
● Control module determined as faulty during diagnostics.
● Airbag is deployed.

E: COMBINATION SWITCH

1. INSPECTION STANDARD

● A vehicle damaged in a collision (regardless of whether or not airbag is deployed).
● The designated trouble code is output during self-diagnosis. (Refer to "Diagnostics" Section.)

2. REPLACEMENT STANDARD

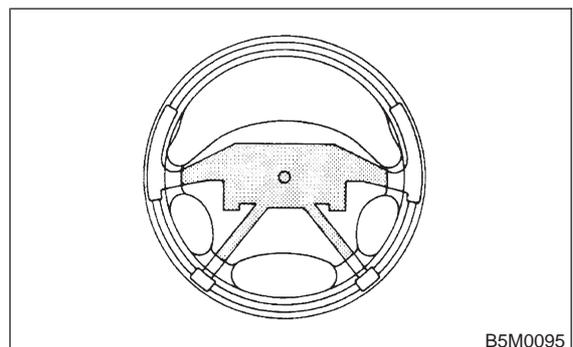● Steering roll connector is deformed or cracked.

F: STEERING WHEEL

1. INSPECTION STANDARD

● A vehicle damaged in a collision (regardless of whether or not airbag is deployed).

2. REPLACEMENT STANDARD

● Check steering wheel insert for cracks or deformities.
● Check to ensure that new airbag module is properly installed in steering wheel
● After installing airbag module, check to ensure that it is free of interference with steering wheel and that clearance between the two is equal at all points.

B5M0095

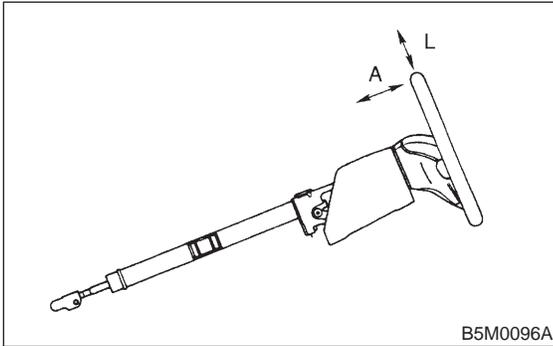● Check steering wheel distortion in axial and radial directions.

Specifications:
Axial free play A
Less than ±6 mm (0.24 in)
Radial free play L
Less than ±7 mm (0.28 in)

B5M0096A

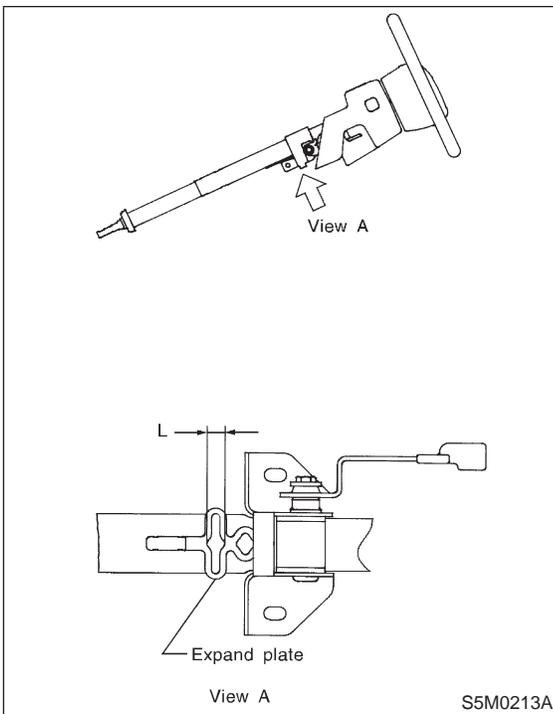# G: STEERING COLUMN ASSEMBLY

1. INSPECTION STANDARD

● A vehicle damaged in a collision (regardless of whether or not airbag is deployed).

2. REPLACEMENT STANDARD

● Check to ensure that clearance of expand plate on steering column under side is within specifications.
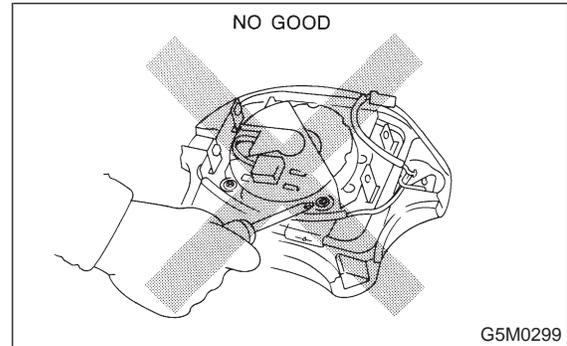
Clearance of expand plate: L
More than 15 mm (0.59 in)

View A

View A   S5M0213A
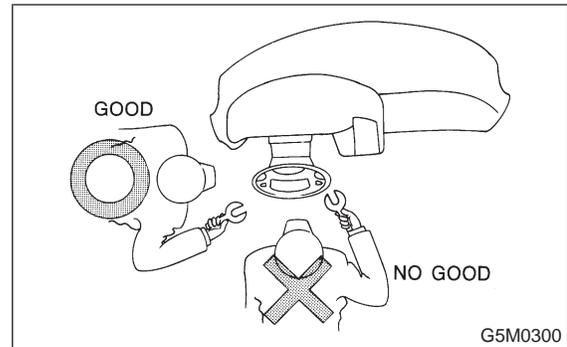
3. Airbag Module

A: REMOVAL AND INSTALLATION

CAUTION:
● **The airbag module (driver side and passenger side) must not be disassembled. The airbag module cannot be used again once inflated.**

NO GOOD   G5M0299

● **When removing and installing the airbag module (driver side and passenger side), the operator should stand, as much as possible, on the side of the airbag module.**

GOOD   NO GOOD   G5M0300

● **After removal, the airbag module (driver side and passenger side) should be kept away from heat and light sources, and stored on a clean, flat surface to prevent from any damage to its lower structure.**

G5M0301

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