

3. General Description

A: CAUTION

1. SUPPLEMENTAL RESTRAINT SYSTEM “AIRBAG”

Airbag system wiring harness is routed near the parking brake switch, hill hold switch and parking brake control module.

CAUTION:

- Do not use electrical test equipment on the airbag system circuits.
- Be careful not to damage the airbag system wiring harness, when servicing the parking brake switch, hill hold switch and parking brake control module.

B: INSPECTION

Before performing diagnosis, inspect the following items which may influence parking brake system problems.

1. BATTERY

Measure the battery voltage and specific gravity of the electrolyte.

Standard voltage:

12 V or more

Specific gravity:

1.260 or more

2. GROUND

Check the tightening torque of ground (GB-9 and 10) bolts of the parking brake system.

Tightening torque:

13 N·m (1.3 kgf-m, 9.6 ft-lb)

3. BRAKE DRAG

Check for brake drag.

4. PARKING BRAKE ASSEMBLY

Check and adjust the parking brake assembly.

- Check the disc rotor inner diameter and lining thickness. <Ref. to PB-14, INSPECTION, Parking Brake Assembly (Rear Disc Brake).>
- Adjust the shoe clearance. <Ref. to PB-14, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

5. TIRE

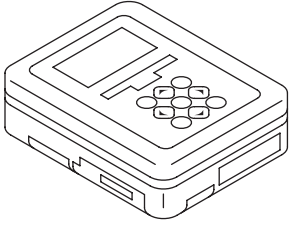
Check the tire specifications, tire wear and air pressure. <Ref. to WT-2, SPECIFICATION, General Description.>

General Description

PARKING BRAKE (DIAGNOSTICS)

C: PREPARATION TOOL

1. SPECIAL TOOL

| ILLUSTRATION | TOOL NUMBER | DESCRIPTION | REMARKS |
|---|-------------|-------------------------------|---|
|  ST1B022XU0 | 1B022XU0 | SUBARU SELECT MONITOR III KIT | Used for troubleshooting the electrical system. |

2. GENERAL TOOL

| TOOL NAME | REMARKS |
|----------------|---|
| Circuit tester | Used for measuring resistance, voltage and current. |