

## General Description

BRAKE VACUUM CONTROL (BVC) (DIAGNOSTICS)

### 3. General Description

#### A: CAUTION

##### 1. SRS AIRBAG SYSTEM

Airbag system wiring harness is routed near the ABS wheel speed sensor and VDCCM&H/U.

##### CAUTION:

- All airbag system wiring harness and connectors are colored yellow. Do not use the electrical test equipment on these circuits.
- Be careful not to damage the airbag system wiring harness.

#### B: INSPECTION

Before performing diagnosis, check the following items which might affect the brake vacuum control.

##### 1. BATTERY

Measure the battery voltage and check electrolyte.

**Standard voltage: 12 V or more**

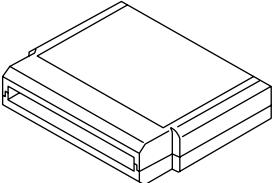
**Specific gravity: 1.260 or more**

##### 2. BRAKE VACUUM HOSE

Make sure the brake vacuum hose is not cracked or loose.

#### C: PREPARATION TOOL

##### 1. SPECIAL TOOL

| ILLUSTRATION  | TOOL NUMBER | DESCRIPTION               | REMARKS                                    |
|---|-------------|---------------------------|--|
| <br>ST18482AA010 | 18482AA010  | CARTRIDGE                 | Troubleshooting for the electrical system. |
| <br>ST22771AA030 | 22771AA030  | SUBARU SELECT MONITOR KIT | Troubleshooting for the electrical system. |

##### 2. GENERAL TOOL

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