

# General Description

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

## 2. General Description

### A: CAUTION

- 1) Never connect the battery in reverse polarity.
  - Doing so may immediately damage the A/C control panel.
- 2) Do not disconnect the battery terminals while the engine is running.
  - A large counter electromotive force will be generated in the generator, and this voltage may damage electronic parts such as A/C control panel etc.
- 3) Before disconnecting the connectors of sensors and the A/C control panel, be sure to turn off the ignition switch.
  - A/C control panel may be damaged.
- 4) Every A/C-related part is a precision part. Do not drop them.
- 5) Airbag system harness is routed near the A/C control panel and junction box.

### CAUTION:

- Do not use electrical test equipment on the airbag system harness and connector.
- Be careful not to damage the airbag system harness when servicing the A/C control panel and junction box.

### B: INSPECTION

Before performing diagnosis, check the following items which might affect the A/C system problems.

#### 1. BATTERY

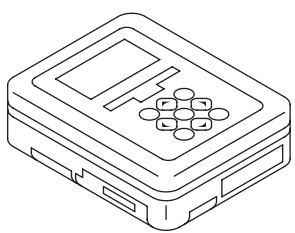
Check the battery. <Ref. to SC(H4DO)-63, INSPECTION, Battery.>

#### NOTE:

If the battery voltage does not reach the specified value, recharge or replace the battery.

### C: PREPARATION TOOL

#### 1. SPECIAL TOOL

| ILLUSTRATION  | TOOL NUMBER | DESCRIPTION                   | REMARKS   |
|---|-------------|-------------------------------|---|
| <br>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. |