

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 cables 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

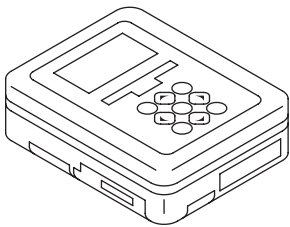
Check the battery. <Ref. to SC(H4DO(w/o HEV))-53, INSPECTION, Battery.>

NOTE:

For HEV model, check the 12 volt auxiliary battery. <Ref. to SC(H4DO(HEV))-43, INSPECTION, Battery.>

C: PREPARATION TOOL

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST1B022XU0	1B022XU0	SUBARU SELECT MONITOR III KIT	Used for setting of each function and trouble-shooting for electrical system. NOTE: For detailed operation procedures of SUBARU SELECT MONITOR III, refer to "PC application help for Subaru Select Monitor".

2. GENERAL TOOL

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