

General Description

HYBRID ELECTRIC VEHICLE (DIAGNOSTICS)

3. General Description

A: CAUTION

1. AIRBAG SYSTEM

Refer to "CAUTION" in "General Description" in AIRBAG SYSTEM. <Ref. to AB-10, CAUTION, General Description.>

2. HYBRID SYSTEM

Refer to "CAUTION (HYBRID SYSTEM)". <Ref. to PC-7, CAUTION (HYBRID SYSTEM), Precaution.>

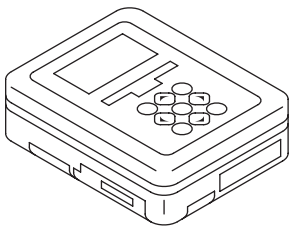
B: INSPECTION

Before performing diagnostics, check the following item which might affect hybrid system problems.

- 1) Check 12 volt auxiliary battery and 12 volt engine restart battery. <Ref. to SC(H4DO(HEV))-39, Battery.>
- 2) Check the condition of the main and other fuses, and harnesses and connectors. Also check for proper grounding. <Ref. to HEV-12, Relay and Fuse.>

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.
Insulation multimeter	Used for measuring insulation resistance.
Milliohm tester	Used for troubleshooting of power cable and drive motor. NOTE: Although troubleshooting can be done without a milliohm tester, it allows technicians to troubleshoot problems with high precision.