Basic Diagnostic Procedure

1. Basic Diagnostic Procedure

A: PROCEDURE

NOTE:
When the sunload sensor check is performed indoors or in the shade, it could be diagnosed as sensor having an open circuit. Always perform the inspection in direct sunlight.

	Step	Check	Yes	No
1	**START INSPECTIONS.** 1) Prepare the tools. <Ref. to AC-20, PREPARATION TOOL, General Description.> 2) Perform the pre-inspection. <Ref. to AC(diag)-3, INSPECTION, General Description.>	Is any malfunction found in pre-inspection?	Fix the malfunction found in pre-inspection, and go to the next inspection step. Go to step **2**.	Go to step **2**.
2	**PREPARE SUBARU SELECT MONITOR.** Prepare the Subaru Select Monitor.	Is the Subaru Select Monitor ready?	Go to step **3**.	Go to step **4**.
3	**CHECK DTC.** 1) Under the failure condition, leave the vehicle for one minute or more. 2) Read the DTC using Subaru Select Monitor. NOTE: • If the communication function of the Subaru Select Monitor cannot be executed properly, check the communication circuit. <Ref. to AC(diag)-45, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Diagnostic Procedure for Subaru Select Monitor Communication.> • Record the time stamp and the freeze frame data recorded together with the DTC. For time stamp, refer to "LAN SYSTEM". <Ref. to LAN(w/o HEV)(diag)-6, TIME STAMP, CAUTION, General Description.> <Ref. to LAN(HEV)(diag)-6, TIME STAMP, CAUTION, General Description.>	Is DTC displayed?	<Ref. to AC(diag)-47, LIST, List of Diagnostic Trouble Code (DTC).>	Refer to Diagnostics with Phenomenon. <Ref. to AC(diag)-16, INSPECTION, Diagnostics with Phenomenon.>
4	**A/C CONTROL PANEL SELF-DIAGNOSIS.** 1) Under the failure condition, leave the vehicle for one minute or more. 2) Perform the self-diagnosis of A/C control panel. <Ref. to AC(diag)-8, OPERATION, Diagnostic Chart for Self-Diagnosis.>	Is a malfunction detected?	Perform the diagnosis according to the self-diagnosis procedure.	Refer to Diagnostics with Phenomenon. <Ref. to AC(diag)-16, INSPECTION, Diagnostics with Phenomenon.>