

# Basic Diagnostic Procedure

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

## 1. Basic Diagnostic Procedure

### A: PROCEDURE

	Step	Check	Yes	No
1	<b>START INSPECTIONS.</b> 1) Perform the pre-inspection. <Ref. to AC(diag)-3, INSPECTION, General Description.> 2) Perform the self-diagnosis. <Ref. to AC(diag)-13, OPERATION, Diagnostic Chart for Self-Diagnosis.>	Does the self-diagnosis operate?	Go to step 2.	<Ref. to AC(diag)-16, A/C OR SELF-DIAGNOSIS SYSTEMS DO NOT OPERATE, Diagnostics for A/C System Malfunction.>
2	<b>CHECK DTC.</b> Read the DTC using Subaru Select Monitor. <Ref. to AC(diag)-26, OPERATION, Read Diagnostic Trouble Code (DTC).> <b>NOTE:</b> When freeze frame data is displayed with DTC, record all the data.	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to AC(diag)-31, LIST, List of Diagnostic Trouble Code (DTC).>	Go to step 3.
3	<b>CHECK COMPARTMENT TEMPERATURE.</b> 1) Turn the A/C switch to ON. 2) Turn the temperature control switch at maximum cool position. 3) Check the compartment temperature change.	Does the compartment temperature change?	Go to step 4.	<Ref. to AC(diag)-21, COMPARTMENT TEMPERATURE DOES NOT CHANGE, OR A/C SYSTEM DOES NOT RESPOND PROMPTLY, Diagnostics for A/C System Malfunction.>
4	<b>CHECK A/C SYSTEM RESPONSE.</b> Change the temperature setting, and check the response of A/C system.	Does the A/C system respond quickly?	A/C system is normal.	<Ref. to AC(diag)-21, COMPARTMENT TEMPERATURE DOES NOT CHANGE, OR A/C SYSTEM DOES NOT RESPOND PROMPTLY, Diagnostics for A/C System Malfunction.>