

# BASIC DIAGNOSTIC PROCEDURE

HVAC System (Auto A/C) (DIAGNOSTICS)

## 1. Basic Diagnostic Procedure S001501

### A: PROCEDURE S001501E45

No.	Step	Check	Yes	No
1	<b>START INSPECTIONS.</b> 1) Perform pre-inspection. 2) Perform self-diagnosis. <Ref. to AC-12, SELF-DIAGNOSIS MODE, Diagnostics Chart for Diagnosis System.>	Does self-diagnosis operate?	Go to step 2.	<Ref. to AC-16, A/C AND/OR SELF-DIAGNOSIS SYSTEMS DO NOT OPERATE, Diagnostics for A/C System Failure.>
2	<b>CHECK TROUBLE CODE.</b> Check trouble code.	Is trouble code indicated?	<Ref. to AC-26, Diagnostic Procedure with Trouble Code.>	Go to step 3.
3	<b>CHECK BLOWER MOTOR OPERATION.</b> 1) Turn blower switch ON. 2) Check blower motor operation.	Is blower motor rotated?	Go to step 4.	<Ref. to AC-18, BLOWER MOTOR IS NOT ROTATED, Diagnostics for A/C System Failure.>
4	<b>CHECK FRESH/RECIRC MODE.</b> Change FRESH/RECIRC mode by pushing mode switch.	Is FRESH/RECIRC mode changed?	Go to step 5.	<Ref. to AC-20, FRESH/RECIRC IS NOT CHANGED, Diagnostics for A/C System Failure.>
5	<b>CHECK COMPARTMENT TEMPERATURE.</b> 1) Turn A/C switch ON. 2) Set temperature at 18°C (65°F) (MAX COOL). 3) Check compartment temperature changes.	Is the compartment temperature changed?	Go to step 6.	<Ref. to AC-22, COMPARTMENT TEMPERATURE IS NOT CHANGED OR A/C SYSTEM DOES NOT RESPOND QUICKLY, Diagnostics for A/C System Failure.>
6	<b>CHECK A/C SYSTEM RESPONSE.</b> Change the temperature setting, and check response of A/C system.	Does A/C system respond quickly?	A/C system is OK.	<Ref. to AC-22, COMPARTMENT TEMPERATURE IS NOT CHANGED OR A/C SYSTEM DOES NOT RESPOND QUICKLY, Diagnostics for A/C System Failure.>