

BASIC DIAGNOSTIC PROCEDURE

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

1. Basic Diagnostic Procedure

A: PROCEDURE

| Step | Check | Yes | No |
|--|---|--|---|
| 1 START INSPECTIONS. 1) Perform the pre-inspection. <Ref. to AC-3, INSPECTION, General Description.> 2) Perform the self-diagnosis. <Ref. to AC-10, OPERATION, Self-diagnosis.> | Does the self-diagnosis operate? | Go to step 2. | <Ref. to AC-13, A/C OR SELF-DIAGNOSIS FUNCTIONS DO NOT OPERATE, Diagnostics for A/C System Failure.> |
| 2 CONFIRM MALFUNCTION PART. Confirm the malfunction part with self-diagnosis. | Can the malfunction part be confirmed? | Repair the malfunction part according to each diagnostics chart. | Go to step 3. |
| 3 CHECK COMPARTMENT TEMPERATURE. 1) Turn the A/C switch ON. 2) Set the temperature at maximum cold position. 3) Check the compartment temperature changes. | Is the compartment temperature changed? | Go to step 4. | <Ref. to AC-17, COMPARTMENT TEMPERATURE IS NOT CHANGED OR A/C SYSTEM DOES NOT RESPOND QUICKLY, Diagnostics for A/C System Failure.> |
| 4 CHECK A/C SYSTEM RESPONSE. Change the temperature setting, and check the response of A/C system. | Does the A/C system respond quickly? | A/C system is OK. | <Ref. to AC-17, COMPARTMENT TEMPERATURE IS NOT CHANGED OR A/C SYSTEM DOES NOT RESPOND QUICKLY, Diagnostics for A/C System Failure.> |