# 1. Basic Diagnostic Procedure

## A: PROCEDURE

| | Step | Check | Yes | No |
|---|---|---|---|---|
| 1 | **PERFORM CUSTOMER INTERVIEW.**<br>Using the Check List for Interview, ask the customer the condition of how the trouble occurred. <Ref. to AL(diag)-3, CHECK, Check List for Interview.> | Did you interview the customer? | Go to step **2**. | Interview the customer. <Ref. to AL(diag)-3, CHECK, Check List for Interview.> |
| 2 | **CHECK LAN SYSTEM.**<br>Inspect LAN system. <Ref. to LAN(w/o HEV)(diag)-2, PROCEDURE, Basic Diagnostic Procedure.> <Ref. to LAN(HEV)(diag)-2, PROCEDURE, Basic Diagnostic Procedure.> | Is there any fault? | Perform the inspection according to the diagnosis for LAN system. | Go to step **3**. |
| 3 | **CHECK AUTO HEADLIGHT BEAM LEVELER SYSTEM.**<br>Using the Subaru Select Monitor, read DTC of the auto headlight beam leveler system inspection. <Ref. to AL(diag)-10, OPERATION, Read Diagnostic Trouble Code (DTC).><br>NOTE:<br>If the communication function of the Subaru Select Monitor cannot be executed properly, check the communication circuit. <Ref. to AL(diag)-8, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.> | Is DTC displayed? | Record DTC and time stamp, and perform the diagnosis according to DTC. <Ref. to AL(diag)-13, LIST, List of Diagnostic Trouble Code (DTC).><br>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.> | Go to step **4**. |
| 4 | **CHECK DIAGNOSTICS WITH PHENOMENON.**<br>Check “Diagnostics with Phenomenon”. <Ref. to AL(diag)-18, Diagnostics with Phenomenon.> | Does the symptom apply? | Perform diagnosis according to the procedures in the diagnostics with phenomenon. | Go to step **5**. |
| 5 | **CHECK TROUBLE PHENOMENON.**<br>1) Perform the basic inspection and function check. <Ref. to AL(diag)-4, INSPECTION, General Description.><br>2) Check the auto headlight beam leveler CM. <Ref. to AL(diag)-6, Control Module I/O Signal.><br>3) Perform check of current data. <Ref. to AL(diag)-12, Read Current Data.><br>4) Perform a unit check. | Was the trouble cause found? | Repair or replace the cause of trouble. | System is normal. |