

# Basic Diagnostic Procedure

## AUTO HEADLIGHT BEAM LEVELER SYSTEM (DIAGNOSTICS)

### 1. Basic Diagnostic Procedure

#### A: PROCEDURE

Step	Check	Yes	No
<b>1 PERFORM CUSTOMER INTERVIEW.</b> 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.>
<b>2 CHECK LAN SYSTEM.</b> Inspect LAN system. <Ref. to LAN(diag)-2, PROCEDURE, Basic Diagnostic Procedure.>	Is there any fault?	Perform the inspection according to the diagnosis for LAN system.	Go to step 3.
<b>3 CHECK AUTO HEADLIGHT BEAM LEVELER SYSTEM.</b> 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).> <b>NOTE:</b> 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)-14, LIST, List of Diagnostic Trouble Code (DTC).> For time stamp, refer to "LAN SYSTEM". <Ref. to LAN(diag)-6, TIME STAMP, CAUTION, General Description.> After diagnosis is completed, Go to step 6.	Go to step 4.
<b>4 CHECK DIAGNOSTICS WITH PHENOMENON.</b> Check "Diagnostics with Phenomenon". <Ref. to AL(diag)-23, Diagnostics with Phenomenon.>	Does the symptom apply?	Perform diagnosis according to the procedures in the diagnostics with phenomenon.	Go to step 5.
<b>5 CHECK TROUBLE PHENOMENON.</b> 1) Perform the basic inspection and function check. <Ref. to AL(diag)-4, INSPECTION, General Description.> 2) Check the auto headlight beam leveler CM. <Ref. to AL(diag)-6, Control Module I/O Signal.> 3) Perform check of current data. <Ref. to AL(diag)-13, Read Current Data.> 4) Perform a unit check.	Was the trouble cause found?	Repair or replace the cause of trouble.	System is normal.
<b>6 PERFORM DIAGNOSIS.</b> 1) Perform the Clear Memory Mode. 2) Perform the Inspection Mode. <Ref. to AL(diag)-12, Inspection Mode.>	Is DTC displayed?	Perform the diagnosis according to DTC. <Ref. to AL(diag)-14, LIST, List of Diagnostic Trouble Code (DTC).>	Finish the diagnosis.