

# Basic Diagnostic Procedure

## LAN SYSTEM (DIAGNOSTICS)

### 1. Basic Diagnostic Procedure

#### A: PROCEDURE

##### CAUTION:

- **Subaru Select Monitor is required for reading DTC, performing diagnosis and reading current data.**
- **Remove foreign matter (dust, water, oil, etc.) from the body integrated unit connector during removal and installation.**
- **For model with immobilizer, registration of immobilizer may be needed after the replacement of controller etc. For details, refer to the “PC application help for Subaru Select Monitor”.**

##### NOTE:

- To check harness for open or short circuits, shake the suspected trouble spot or connector.
- Check List for Interview <Ref. to LAN(diag)-3, Check List for Interview.>

Step	Check	Yes	No
<b>1</b> <b>CHECK PRE-INSPECTION.</b> Ask the customer when and how the trouble occurred using the interview check list. <Ref. to LAN(diag)-3, Check List for Interview.>	Did you interview the customer?	Go to step 2.	Interview the customer.
<b>2</b> <b>BASIC INSPECTION.</b> Check components which might affect body control. <Ref. to LAN(diag)-6, INSPECTION, General Description.>	Is the component that might influence the body control problem normal?	Go to step 3.	Repair or replace each component.
<b>3</b> <b>CHECK DTC.</b> 1) Read the DTC. <Ref. to LAN(diag)-15, READ DIAGNOSTIC TROUBLE CODE (DTC), OPERATION, Subaru Select Monitor.> NOTE: If the communication function of the Subaru Select Monitor cannot be executed properly, check the communication circuit. <Ref. to LAN(diag)-28, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.> 2) Record all DTCs and freeze frame data.	Is DTC displayed on Subaru Select Monitor?	Go to step 5.	Go to step 4.
<b>4</b> <b>PERFORM GENERAL DIAGNOSTICS.</b> Inspect using the “General Diagnostics Table”. <Ref. to LAN(diag)-84, General Diagnostic Table.>	Is result of inspection OK?	LAN system is normal.	Go to step 5.
<b>5</b> <b>PERFORM DIAGNOSIS.</b> 1) Correct the cause of trouble. 2) Perform the Clear Memory Mode. <Ref. to LAN(diag)-24, CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.> 3) Read the DTC. <Ref. to LAN(diag)-15, READ DIAGNOSTIC TROUBLE CODE (DTC), OPERATION, Subaru Select Monitor.>	Is DTC displayed on Subaru Select Monitor?	Repeat step 5 until DTC is not shown.	Finish the diagnosis.