

Basic Diagnostic Procedure

LAN SYSTEM (DIAGNOSTICS)

1. Basic Diagnostic Procedure

A: PROCEDURE

1. WITH SUBARU SELECT MONITOR

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 detailed procedure, refer to the REGISTRATION MANUAL FOR IMMOBILIZER.

NOTE:

- To check harness the 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
1	CHECK PRE-INSPECTION. 1) Ask the customer when and how the trouble occurred using the interview check list. <Ref. to LAN(diag)-3, Check List for Interview.> 2) Check the display of communication error display. (Combination meter, odo/trip meter)	Go to step 3.	Go to step 2.
2	BASIC INSPECTION. Check components which might affect body control. <Ref. to LAN(diag)-5, INSPECTION, General Description.>	Go to step 3.	Repair or replace each component.
3	CHECK INDICATION OF DTC. 1) Read the DTC. <Ref. to LAN(diag)-12, 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)-32, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> 2) Record all DTC.	Go to step 5.	Go to step 4.
4	PERFORM GENERAL DIAGNOSTICS. Inspect using the "General Diagnostics Table". <Ref. to LAN(diag)-85, General Diagnostic Table.>	LAN system is normal.	Go to step 5.
5	PERFORM DIAGNOSIS. 1) Correct the cause of trouble. 2) Perform Clear Memory Mode. <Ref. to LAN(diag)-21, CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.> 3) Read the DTC. <Ref. to LAN(diag)-12, READ DIAGNOSTIC TROUBLE CODE (DTC), OPERATION, Subaru Select Monitor.>	Repeat step 5 until DTC is not shown.	Finish the diagnosis.