

# Basic Diagnostic Procedure

## INSTRUMENTATION/DRIVER INFO (DIAGNOSTICS)

### 1. Basic Diagnostic Procedure

#### A: PROCEDURE

##### 1. COMBINATION METER

Step	Check	Yes	No
<b>1</b> <b>PERFORM CUSTOMER INTERVIEW.</b> Using the Check List for Interview, ask the customer the condition of how trouble occurs.<Ref. to IDI(diag)-4, CHECK, Check List for Interview.>	Did you interview the customer?	Go to step 2.	Interview the customer.<Ref. to IDI(diag)-4, CHECK, Check List for Interview.>
<b>2</b> <b>CHECK CAN COMMUNICATION.</b> Read the DTC of the CAN system using the Subaru Select Monitor.<Ref. to LAN(diag)-38, OPERATION, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC.<Ref. to LAN(diag)-101, LIST, List of Diagnostic Trouble Code (DTC).>	Go to step 3.
<b>3</b> <b>CHECK COMBINATION METER.</b> Using the Subaru Select Monitor, read DTC of combination meter.<Ref. to IDI(diag)-14, OPERATION, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Record DTC and time stamp, and perform the diagnosis according to DTC.<Ref. to IDI(diag)-23, LIST, List of Diagnostic Trouble Code (DTC).> NOTE: For time stamp, refer to "LAN SYSTEM".<Ref. to LAN(diag)-6, TIME STAMP, CAUTION, General Description.>	Go to step 4.
<b>4</b> <b>CHECK COMBINATION METER.</b> Check the operation of combination meter.<Ref. to IDI(diag)-19, System Operation Check Mode.>	Is it operating normally?	System is normal.	Replace the combination meter.<Ref. to IDI-18, Combination Meter.>

##### 2. MFD

Step	Check	Yes	No
<b>1</b> <b>PERFORM CUSTOMER INTERVIEW.</b> Using the Check List for Interview, ask the customer the condition of how trouble occurs.<Ref. to IDI(diag)-4, CHECK, Check List for Interview.>	Did you interview the customer?	Go to step 2.	Interview the customer.<Ref. to IDI(diag)-4, CHECK, Check List for Interview.>
<b>2</b> <b>CHECK CAN COMMUNICATION.</b> Read the DTC of the CAN system using the Subaru Select Monitor.<Ref. to LAN(diag)-38, OPERATION, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Perform the diagnosis according to DTC.<Ref. to LAN(diag)-101, LIST, List of Diagnostic Trouble Code (DTC).>	Go to step 3.

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Step	Check	Yes	No
<b>3</b> <b>CHECK MFD.</b> Read the DTC relating the MFD using the Subaru Select Monitor.<Ref. to IDI(diag)-14, OPERATION, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Record DTC and time stamp, and perform the diagnosis according to DTC.<Ref. to IDI(diag)-23, LIST, List of Diagnostic Trouble Code (DTC).> NOTE: For time stamp, refer to "LAN SYSTEM".<Ref. to LAN(diag)-6, TIME STAMP, CAUTION, General Description.>	Go to step 4.
<b>4</b> <b>CHECK MFD.</b> Check the MFD display using the system operation check mode of combination meter.<Ref. to IDI(diag)-19, System Operation Check Mode.>	Is the display normal?	System is normal.	Replace the MFD.<Ref. to IDI-25, Multi-function Display (MFD).>