

# Basic Diagnostic Procedure

## ABS (DIAGNOSTICS)

### 1. Basic Diagnostic Procedure

#### A: PROCEDURE

##### CAUTION:

Remove foreign matter (dust, water, oil etc.) from the ABSCM&H/U connector during removal and installation.

##### NOTE:

- To check harness for broken wires or short circuits, shake the suspected trouble spot or connector.
- Refer to "Check List for Interview". <Ref. to ABS(diag)-4, Check List for Interview.>

Step	Check	Yes	No
<b>1</b> <b>CHECK PRE-INSPECTION.</b> 1) Ask the customer when and how the trouble occurred using the interview check list. <Ref. to ABS(diag)-4, Check List for Interview.> 2) Before performing diagnostics, check the components which might affect ABS problems. <Ref. to ABS(diag)-8, INSPECTION, General Description.>	Are components which might affect the ABS problem operating correctly?	Go to step 2.	Repair or replace each component.
<b>2</b> <b>CHECK INDICATION OF DTC ON SCREEN.</b> 1) Turn the ignition switch OFF. 2) Connect the Subaru Select Monitor to the data link connector. 3) Turn the ignition switch ON and Subaru Select Monitor ON. <b>NOTE:</b> If the communication function of the Subaru Select Monitor cannot be executed normally, check the communication circuit. <Ref. to ABS(diag)-19, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.> 4) Read the DTC. <Ref. to ABS(diag)-24, OPERATION, Read Diagnostic Trouble Code (DTC).> 5) Record all DTCs and freeze frame data.	Is DTC displayed?	Go to step 4.	Go to step 3.
<b>3</b> <b>PERFORM GENERAL DIAGNOSTICS.</b> 1) Inspect using "General Diagnostic Table". <Ref. to ABS(diag)-68, General Diagnostic Table.> 2) Perform the Clear Memory Mode. <Ref. to ABS(diag)-18, CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.> 3) Perform the Inspection Mode. <Ref. to ABS(diag)-25, Inspection Mode.> 4) Read the DTC. <Ref. to ABS(diag)-16, READ DIAGNOSTIC TROUBLE CODE (DTC), OPERATION, Subaru Select Monitor.> Check that there is no DTC displayed.	Does the ABS warning light go off after turning the ignition switch ON?	Finish the diagnosis.	Check using "ABS Diagnostic Procedure". <Ref. to ABS(diag)-22, WITHOUT DTC, INSPECTION, Subaru Select Monitor.>

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Step		Check	Yes	No
4	<b>PERFORM DIAGNOSIS.</b> 1) Refer to "List of Diagnostic Trouble Code (DTC)". <Ref. to ABS(diag)-35, LIST, List of Diagnostic Trouble Code (DTC).> 2) Correct the cause of trouble. 3) Perform the Clear Memory Mode. <Ref. to ABS(diag)-18, CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.> 4) Perform the Inspection Mode. <Ref. to ABS(diag)-25, Inspection Mode.> 5) Read the DTC. <Ref. to ABS(diag)-16, READ DIAGNOSTIC TROUBLE CODE (DTC), OPERATION, Subaru Select Monitor.>	Is DTC displayed?	Repeat step 1 to 4 until DTC does not appear.	Finish the diagnosis.