

# 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
1	<p><b>CHECK PRE-INSPECTION.</b></p> <p>1) Ask the customer when and how the trouble occurred using the interview check list. &lt;Ref. to ABS(diag)-4, Check List for Interview.&gt;</p> <p>2) Before performing diagnostics, check the components which might affect ABS problems. &lt;Ref. to ABS(diag)-8, INSPECTION, General Description.&gt;</p>	Are components which might affect the ABS problem operating correctly?	Go to step 2.	Repair or replace each component.
2	<p><b>CHECK INDICATION OF DTC ON SCREEN.</b></p> <p>1) Turn the ignition switch to OFF.</p> <p>2) Connect the Subaru Select Monitor to the data link connector.</p> <p>3) Turn the ignition switch to ON and Subaru Select Monitor to ON.</p> <p>NOTE: If the communication function of the Subaru Select Monitor cannot be executed normally, check the communication circuit. &lt;Ref. to ABS(diag)-18, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.&gt;</p> <p>4) Read the DTC. &lt;Ref. to ABS(diag)-23, OPERATION, Read Diagnostic Trouble Code (DTC).&gt;</p> <p>5) Record all DTCs and freeze frame data.</p>	Is DTC displayed?	Go to step 4.	Go to step 3.
3	<p><b>PERFORM GENERAL DIAGNOSTICS.</b></p> <p>1) Perform the inspection using "General Diagnostic Table". &lt;Ref. to ABS(diag)-67, General Diagnostic Table.&gt;</p> <p>2) Perform the Clear Memory Mode. &lt;Ref. to ABS(diag)-17, CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.&gt;</p> <p>3) Perform the Inspection Mode. &lt;Ref. to ABS(diag)-24, Inspection Mode.&gt;</p> <p>4) Read the DTC. &lt;Ref. to ABS(diag)-15, READ DIAGNOSTIC TROUBLE CODE (DTC), OPERATION, Subaru Select Monitor.&gt;</p> <p>Check that there is no DTC displayed.</p>	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)-21, WITHOUT DTC, INSPECTION, Subaru Select Monitor.>

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Step	Check	Yes	No
<b>4</b> <b>PERFORM DIAGNOSIS.</b> 1) Refer to "List of Diagnostic Trouble Code (DTC)."<Ref. to ABS(diag)-34, LIST, List of Diagnostic Trouble Code (DTC).> 2) Correct the cause of trouble. 3) Perform the Clear Memory Mode. <Ref. to ABS(diag)-17, CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.> 4) Perform the Inspection Mode. <Ref. to ABS(diag)-24, Inspection Mode.> 5) Read the DTC. <Ref. to ABS(diag)-15, 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.