

BASIC DIAGNOSTIC PROCEDURE

ABS (DIAGNOSTICS)

1. Basic Diagnostic Procedure S006501

A: PROCEDURE S006501E45

1. WITHOUT SUBARU SELECT MONITOR S006501E4501

CAUTION:

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

NOTE:

- To check harness for broken wires or short circuits, shake it while holding it or the connector.
- When ABS warning light illuminates, read and record trouble code indicated by ABS warning light.

No.	Step	Check	Yes	No
1	CHECK PRE-INSPECTION. 1) Ask the customer when and how the trouble occurred using interview checklist. <Ref. to ABS-5 Check List for Interview.> 2) Before performing diagnosis, inspect unit which might influence the ABS problem. <Ref. to ABS-8 INSPECTION, General Description.>	Is unit that might influence the ABS problem normal?	Go to step 2.	Repair or replace each unit.
2	CHECK INDICATION OF TROUBLE CODE. Calling up trouble code. <Ref. to ABS-18 Read Diagnostic Trouble Code.>	Is trouble code readable?	Go to step 3.	Inspect using diagnostic chart for ABS warning light failure. <Ref. to ABS-26 Diagnostics Chart with Diagnosis Connector.> NOTE: Call up trouble code again after inspecting ABS warning light. <Ref. to ABS-18 Read Diagnostic Trouble Code.>
3	CHECK TROUBLE CODE. NOTE: Record all trouble codes.	Is only the start code issued?	Go to step 4.	Go to step 5.
4	PERFORM THE GENERAL DIAGNOSTICS. 1) Inspect using "General Diagnostics Table". <Ref. to ABS-163 General Diagnostics Table.> 2) Perform the clear memory mode. <Ref. to ABS-20 WITHOUT SUBARU SELECT MONITOR, OPERATION, Clear Memory Mode.> 3) Perform the inspection mode. <Ref. to ABS-19 Inspection Mode.> Calling up the trouble code. <Ref. to ABS-18 Read Diagnostic Trouble Code.>	Is only the start code issued?	Complete the diagnosis.	Go to step 5.

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No.	Step	Check	Yes	No
5	<p>PERFORM THE DIAGNOSIS.</p> <p>1) Inspect using "Diagnostics Chart with Diagnostic Connector". <Ref. to ABS-26 Diagnostics Chart with Diagnosis Connector.></p> <p>NOTE: For trouble code list, refer to "List of Diagnostics Trouble Code". <Ref. to ABS-22 WITHOUT SUBARU SELECT MONITOR, LIST, List of Diagnostics Trouble Code.></p> <p>2) Repair trouble cause.</p> <p>3) Perform the clear memory mode. <Ref. to ABS-20 WITHOUT SUBARU SELECT MONITOR, OPERATION, Clear Memory Mode.></p> <p>4) Perform the inspection mode. <Ref. to ABS-19 Inspection Mode.></p> <p>5) Calling up the trouble code. <Ref. to ABS-18 Read Diagnostic Trouble Code.></p>	Is only the start code issued?	Complete the diagnosis.	Inspect using "Diagnostics Chart with Diagnostic Connector". <Ref. to ABS-26 Diagnostics Chart with Diagnosis Connector.>

BASIC DIAGNOSTIC PROCEDURE

ABS (DIAGNOSTICS)

2. WITH SUBARU SELECT MONITOR S006501E4502

CAUTION:

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

NOTE:

- To check harness for broken wires or short circuits, shake it while holding it or the connector.
- Check list for interview. <Ref. to ABS-24 WITH SUBARU SELECT MONITOR, LIST, List of Diagnostics Trouble Code.>

No.	Step	Check	Yes	No
1	CHECK PRE-INSPECTION. 1) Ask the customer when and how the trouble occurred using interview checklist. <Ref. to ABS-5 Check List for Interview.> 2) Before performing diagnosis, inspect unit which might influence the ABS problem. <Ref. to ABS-8 INSPECTION, General Description.>	Is unit that might influence the ABS problem normal?	Go to step 2.	Repair or replace each unit.
2	CHECK INDICATION OF TROUBLE CODE DISPLAY. 1) Turn ignition switch to OFF. 2) Connect the SUBARU SELECT MONITOR to data link connector. 3) Turn ignition switch to ON and SUBARU SELECT MONITOR to ON. 4) Read diagnostic trouble code. <Ref. to ABS-17 READ CURRENT DATA, OPERATION, Subaru Select Monitor.> 5) Record all trouble codes and frame data.	Is the corresponding trouble encoding?	Go to step 3.	Go to step 4.
3	PERFORM THE GENERAL DIAGNOSTICS. 1) Inspect using "General Diagnostics Table". <Ref. to ABS-163 General Diagnostics Table.> 2) Perform the clear memory mode. <Ref. to ABS-17 CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.> 3) Perform the inspection mode. <Ref. to ABS-19 Inspection Mode.> 4) Calling up the trouble code. <Ref. to ABS-16 READ DIAGNOSTIC TROUBLE CODE, OPERATION, Subaru Select Monitor.>	Is no trouble code designated and ABS warning light goes out after turning on?	Complete the diagnosis.	Go to step 4.
4	PERFORM THE DIAGNOSIS. 1) Inspect using "Diagnostics Chart with Subaru Select Monitor". <Ref. to ABS-88 Diagnostics Chart with Subaru Select Monitor.> NOTE: For trouble code list, refer to "List of Diagnostics Trouble Code". <Ref. to ABS-22 WITHOUT SUBARU SELECT MONITOR, LIST, List of Diagnostics Trouble Code.> 2) Repair trouble cause. 3) Perform the clear memory mode. <Ref. to ABS-17 CLEAR MEMORY MODE, OPERATION, Subaru Select Monitor.> 4) Perform the inspection mode. <Ref. to ABS-19 Inspection Mode.> 5) Calling up the trouble code. <Ref. to ABS-16 READ DIAGNOSTIC TROUBLE CODE, OPERATION, Subaru Select Monitor.>	Is no trouble code designated and does ABS warning light go out after turning on?	Complete the diagnosis.	Inspect using "Diagnostics Chart with Subaru Select Monitor". <Ref. to ABS-88 Diagnostics Chart with Subaru Select Monitor.>