

Basic Diagnostic Procedure

OCCUPANT DETECTION SYSTEM (DIAGNOSTICS)

1. Basic Diagnostic Procedure

A: PROCEDURE

NOTE:

- This section covers the vehicle with V.I.N. 733000 or earlier.
- Refer to Check List for Interview. <Ref. to OD(diag)-4, Check List for Interview.>

	Step	Check	Yes	No
1	<p>CHECK PRE-INSPECTION.</p> <p>1) Ask the customer when and how the trouble occurred using the interview checklist. <Ref. to OD(diag)-4, Check List for Interview.></p> <p>2) Before performing diagnostics, check the component which might affect the occupant detection system problems. <Ref. to OD(diag)-5, INSPECTION, General Description.></p>	Are components which might affect the occupant detection system problem operating correctly?	Go to step 2.	Repair or replace each component.
2	<p>CHECK INDICATION OF DTC.</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 switch to ON.</p> <p>4) Read the DTC. <Ref. to OD(diag)-20, OPERATION, Read Diagnostic Trouble Code (DTC).></p> <p>NOTE: If the communication function of the Subaru Select Monitor cannot be executed normally, check the communication circuit. <Ref. to OD(diag)-16, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.></p> <p>5) Record all DTCs and freeze frame data.</p>	Is DTC displayed?	Go to step 4.	Go to step 3.
3	<p>PERFORM GENERAL DIAGNOSTICS.</p> <p>1) Perform the inspection using "General Diagnostic Table". <Ref. to OD(diag)-30, INSPECTION, General Diagnostic Table.></p> <p>2) Perform the system calibration. <Ref. to OD(diag)-13, SYSTEM CALIBRATION, OPERATION, Subaru Select Monitor.></p> <p>3) Perform the Clear Memory Mode. <Ref. to OD(diag)-22, OPERATION, Clear Memory Mode.></p> <p>4) Perform the Inspection Mode. <Ref. to OD(diag)-21, PROCEDURE, Inspection Mode.></p> <p>5) Read the DTC. <Ref. to OD(diag)-20, OPERATION, Read Diagnostic Trouble Code (DTC).></p> <p>6) Check that there is no DTC displayed.</p>	Do the occupant detection system warning light and ABS warning light go off after starting the engine?	Finish the diagnosis.	Check the combination meter circuit. <Ref. to OD(diag)-23, Diagnostic Procedure when Airbag Warning Light Illuminated.>

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4 PERFORM DIAGNOSIS. 1) Refer to "List of Diagnostic Trouble Code (DTC)". NOTE: For the DTC list, refer to "List of Diagnostic Trouble Code (DTC)". <Ref. to OD(diag)-24, LIST, List of Diagnostic Trouble Code (DTC).> 2) Correct the cause of trouble. 3) Perform the Clear Memory Mode. <Ref. to OD(diag)-22, OPERATION, Clear Memory Mode.> 4) Perform the Inspection Mode. <Ref. to OD(diag)-21, PROCEDURE, Inspection Mode.> 5) Read the DTC. <Ref. to OD(diag)-20, OPERATION, Read Diagnostic Trouble Code (DTC).>	Is DTC displayed?	Repeat step 4 until DTC is not shown.	Finish the diagnosis.