

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	CHECK PRE-INSPECTION. 1) Ask the customer when and how the trouble occurred using the interview checklist. <Ref. to OD(diag)-4, Check List for Interview.> 2) Before performing diagnostics, check the component which might affect the occupant detection system problems. <Ref. to OD(diag)-5, INSPECTION, General Description.>	Are components which might affect the occupant detection system problem operating correctly?	Go to step 2.	Repair or replace each component.
2	CHECK INDICATION OF DTC. 1) Turn the ignition switch to OFF. 2) Connect the Subaru Select Monitor to the data link connector. 3) Turn the ignition switch to ON and Subaru Select Monitor switch to ON. 4) Read the DTC. <Ref. to OD(diag)-20, OPERATION, Read Diagnostic Trouble Code (DTC).> 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.> 5) Record all DTCs and freeze frame data.	Is DTC displayed?	Go to step 4.	Go to step 3.
3	PERFORM GENERAL DIAGNOSTICS. 1) Perform the inspection using "General Diagnostic Table". <Ref. to OD(diag)-30, INSPECTION, General Diagnostic Table.> 2) Perform the system calibration. <Ref. to OD(diag)-13, SYSTEM CALIBRATION, OPERATION, Subaru Select Monitor.> 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).> 6) Check that there is no DTC displayed.	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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Step	Check	Yes	No
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.