

Basic Diagnostic Procedure

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

1. Basic Diagnostic Procedure

A: PROCEDURE

NOTE:

- To check harness for broken wires or short circuits, shake it while holding it or the connector.
- Check List for Interview <Ref. to VDC(diag)-3, Check List for Interview.>

	Step	Check	Yes	No
1	<p>PERFORM THE PRE-INSPECTION.</p> <p>1) Ask the customer when and how the trouble occurred using the interview check list. <Ref. to VDC(diag)-3, Check List for Interview.></p> <p>2) Before performing diagnosis, inspect the unit which might influence the VDC problem. <Ref. to VDC(diag)-8, INSPECTION, General Description.></p>	Is the component that might influence the VDC problem working properly?	Go to step 2.	Repair or replace each component.
2	<p>CHECK INDICATION OF DTC ON SCREEN.</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 the Subaru Select Monitor ON.</p> <p>4) Read the DTC. <Ref. to VDC(diag)-23, OPERATION, Read Diagnostic Trouble Code (DTC).></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) Inspect using "General Diagnostic Table". <Ref. to VDC(diag)-139, INSPECTION, General Diagnostic Table.></p> <p>2) Perform the Clear Memory Mode. <Ref. to VDC(diag)-25, OPERATION, Clear Memory Mode.></p> <p>3) Perform the Inspection Mode. <Ref. to VDC(diag)-24, OPERATION, Inspection Mode.></p> <p>4) Read the DTC. <Ref. to VDC(diag)-23, OPERATION, Read Diagnostic Trouble Code (DTC).></p> <p>5) Check the DTC is not displayed.</p>	Is the warning light pattern normal? <Ref. to VDC(diag)-26, Warning Light Illumination Pattern.>	Finish the diagnosis.	Check the warning light. Refer to "List of Diagnostic Trouble Code (DTC)" for the contents of the diagnosis. <Ref. to VDC(diag)-28, List of Diagnostic Trouble Code (DTC).>
4	<p>PERFORM DIAGNOSIS.</p> <p>1) Inspect using the "Diagnostic Procedure with Diagnostic Trouble Code (DTC)". <Ref. to VDC(diag)-34, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></p> <p>NOTE: Refer to "List of Diagnostic Trouble Code (DTC)" for the DTC list. <Ref. to VDC(diag)-28, LIST, List of Diagnostic Trouble Code (DTC).></p> <p>2) Correct the cause of trouble.</p> <p>3) Perform the Clear Memory Mode. <Ref. to VDC(diag)-25, OPERATION, Clear Memory Mode.></p> <p>4) Perform the Inspection Mode. <Ref. to VDC(diag)-24, OPERATION, Inspection Mode.></p> <p>5) Read the DTC. <Ref. to ABS(diag)-16, READ DIAGNOSTIC TROUBLE CODE, OPERATION, Subaru Select Monitor.></p>	Is DTC displayed?	Inspect using the "Diagnostic Procedure with Diagnostic Trouble Code (DTC)". <Ref. to VDC(diag)-34, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	Finish the diagnosis.