1. Basic Diagnostic Procedure

A: PROCEDURE

1. WITHOUT SUBARU SELECT MONITOR

	Step	Value	Yes	No
1	**CHECK PRE-INSPECTION.** 1) Ask the customer when and how the trouble occurred using interview checklist. <Ref. to VDC-6, Check List for Interview.> 2) Before performing diagnosis, inspect unit which might influence the VDC problem. <Ref. to VDC-9, INSPECTION, General Description.> Is unit that might influence the VDC problem normal?	Normal	Go to step **2.**	Repair or replace each unit.
2	**CHECK INDICATION OF DIAGNOSTIC TROUBLE CODE (DTC).** Calling up diagnostic trouble code (DTC). <Ref. to VDC-23, WITHOUT SUBARU SELECT MONITOR, OPERATION, Read Diagnostic Trouble Code (DTC).> Is diagnostic trouble code (DTC) readable?	Can be read.	Go to step **3.**	Inspect using diagnostic chart for warning light failure. <Ref. to VDC-33, Diagnostics Chart with Diagnosis Connector.> NOTE: Call up diagnostic trouble code (DTC) again after inspecting warning light. <Ref. to VDC-23, WITHOUT SUBARU SELECT MONITOR, OPERATION, Read Diagnostic Trouble Code (DTC).>
3	**CHECK DIAGNOSTIC TROUBLE CODE (DTC).** Is only the start code issued? NOTE: Record all diagnostic trouble codes (DTCs).	Only start code indicated.	Go to step **4.**	Go to step **5.**
4	**PERFORM THE GENERAL DIAGNOSTICS.** 1) Inspect using "General Diagnostics Table". <Ref. to VDC-267, General Diagnostic Table.> 2) Perform the clear memory mode. <Ref. to VDC-25, WITHOUT SUBARU SELECT MONITOR, OPERATION, Clear Memory Mode.> 3) Perform the inspection mode. <Ref. to VDC-24, Inspection Mode.> Calling up the diagnostic trouble code (DTC). <Ref. to VDC-23, WITHOUT SUBARU SELECT MONITOR, OPERATION, Read Diagnostic Trouble Code (DTC).> Is only the start code issued?	Only start code indicated.	Complete the diagnosis.	Go to step **5.**

BASIC DIAGNOSTIC PROCEDURE

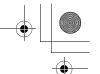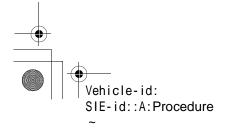| Step		Value	Yes	No
5	**PERFORM THE DIAGNOSIS.** 1) Inspect using "Diagnostics Chart with Diagnostic Connector".<Ref. to VDC-33, Diagnostics Chart with Diagnosis Connector.> NOTE: For diagnostic trouble code (DTC) list, refer to "List of Diagnostic Trouble Code (DTC)". <Ref. to VDC-27, WITHOUT SUBARU SELECT MONITOR, LIST, List of Diagnostic Trouble Code (DTC).> 2) Repair trouble cause. 3) Perform the clear memory mode. <Ref. to VDC-25, WITHOUT SUBARU SELECT MONITOR, OPERATION, Clear Memory Mode.> 4) Perform the inspection mode. <Ref. to VDC-24, Inspection Mode.> 5) Calling up the diagnostic trouble code (DTC). <Ref. to VDC-23, WITHOUT SUBARU SELECT MONITOR, OPERATION, Read Diagnostic Trouble Code (DTC).> Is only the start code issued?	Only start code indicated.	Complete the diagnosis.	Inspect using "Diagnostics Chart with Diagnostic Connector". <Ref. to VDC-33, Diagnostics Chart with Diagnosis Connector.>

CAUTION:
Remove foreign matter (dust, water, etc.) from the VDCCM connector during removal and installation.
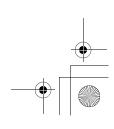
NOTE:
• To check harness for broken wires or short circuits, shake it while holding it or the connector.
• When ABS and/or VDC warning light illuminates, read and record diagnostic trouble code (DTC) indicated by ABS warning light.
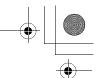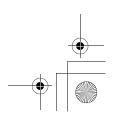
BASIC DIAGNOSTIC PROCEDURE

2. WITH SUBARU SELECT MONITOR

	Step	Value	Yes	No
1	**CHECK PRE-INSPECTION.** 1) Ask the customer when and how the trouble occurred using interview checklist. <Ref. to VDC-6, Check List for Interview.> 2) Before performing diagnosis, inspect unit which might influence the VDC problem. <Ref. to VDC-9, INSPECTION, General Description.> Is unit that might influence the VDC problem normal?	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) Calling up the diagnostic trouble code (DTC). <Ref. to VDC-23, WITH SUBARU SELECT MONITOR, OPERATION, Read Diagnostic Trouble Code (DTC).> 5) Record all diagnostic trouble codes (DTCs) and frame data. Is the corresponding DTC displayed?	Corresponding DTC indicated.	Go to step **3**.	Go to step **4**.
3	**PERFORM THE GENERAL DIAGNOSTICS.** 1) Inspect using "General Diagnostics Table". <Ref. to VDC-267, INSPECTION, General Diagnostic Table.> 2) Perform the clear memory mode. <Ref. to VDC-25, WITH SUBARU SELECT MONITOR, OPERATION, Clear Memory Mode.> 3) Perform the inspection mode. <Ref. to VDC-24, OPERATION, Inspection Mode.> 4) Calling up the diagnostic trouble code (DTC). <Ref. to VDC-23, WITH SUBARU SELECT MONITOR, OPERATION, Read Diagnostic Trouble Code (DTC).> Is no diagnostic trouble code (DTC) displayed or do VDC and ABS warning lights constantly remain on?	No DTC indicated, and VDC and ABS warning light remain on.	Complete the diagnosis.	Go to step **4**.

VDC-4

Step	Value	Yes	No
4 **PERFORM THE DIAGNOSIS.** 1) Inspect using "Diagnostics Chart with Subaru Select Monitor".<Ref. to VDC-128, Diagnostics Chart with Select Monitor.> NOTE: For diagnostic trouble code (DTC) list, refer to "List of Diagnostic Trouble Code (DTC)". <Ref. to VDC-29, WITH SUBARU SELECT MONITOR, LIST, List of Diagnostic Trouble Code (DTC).> 2) Repair trouble cause. 3) Perform the clear memory mode. <Ref. to VDC-25, WITH SUBARU SELECT MONITOR, OPERATION, Clear Memory Mode.> 4) Perform the inspection mode. <Ref. to VDC-24, OPERATION, Inspection Mode.> 5) Calling up the diagnostic trouble code (DTC). <Ref. to VDC-23, WITH SUBARU SELECT MONITOR, OPERATION, Read Diagnostic Trouble Code (DTC).> Is no diagnostic trouble code (DTC) displayed or do VDC and ABS warning lights constantly remain on?	No DTC indicated, and VDC and ABS warning light remain on.	Complete the diagnosis.	Inspect using "Diagnostics Chart with Subaru Select Monitor". <Ref. to VDC-128, Diagnostics Chart with Select Monitor.>

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-6, Check List for Interview.>

Vehicle-id:
SIE-id: : A: Procedure