1. Basic Diagnostic Procedure

A: PROCEDURE

Step	Check	Yes	No
1 **CHECK PRE-INSPECTION.** 1) Ask the customer when and how the trouble occurred using the interview check list. <Ref. to CVT(diag)-4, Check List for Interview.> 2) Before performing diagnostics, check the following items which might affect CVT problems. • General inspection <Ref. to CVT(diag)-5, INSPECTION, General Description.> • Disconnection of harness connector • Visual check for harness damage • Oil leakage • Stall speed test <Ref. to CVT(TR690)-47, Stall Test.> • Secondary pressure test <Ref. to CVT(TR690)-49, Secondary Pressure (Line Pressure) Test.> • Transfer clutch pressure test <Ref. to CVT(TR690)-52, Transfer Clutch Pressure Test.> • Time lag test <Ref. to CVT(TR690)-48, Time Lag Test.> • Road test <Ref. to CVT(TR690)-45, Road Test.> • Inhibitor switch <Ref. to CVT(TR690)-92, Inhibitor Switch.>	Is the item that is thought to influence the CVT problem working properly?	Go to step **2**.	Repair the items which may be affecting the CVT trouble.
2 **CHECK AT OIL TEMP LIGHT.** Turn the ignition switch to ON and wait for at least 2 seconds.	Does the AT OIL TEMP light illuminate?	Go to step **3**.	Check the AT OIL TEMP light.
3 **CHECK AT OIL TEMP LIGHT.** Start the engine and wait for 2 seconds or more.	Does the AT OIL TEMP light blink?	Go to step **4**.	Go to step **5**.
4 **CHECK DTC DISPLAY.** Read the DTC. NOTE: If the communication function of Subaru Select Monitor cannot be executed normally, check the communication circuit. <Ref. to CVT(diag)-30, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Diagnostic Procedure for Subaru Select Monitor Communication.>	Is DTC displayed on Subaru Select Monitor?	Record the DTC, time stamp and freeze frame data. Go to step **6**. NOTE: • For the time stamp, refer to LAN section. <Ref. to LAN(diag)-6, TIME STAMP, CAUTION, General Description.> • Depending on DTCs, time stamp may not be stored.	Go to step **5**.

	Step	Check	Yes	No
5	**PERFORM GENERAL DIAGNOSTICS.** 1) Inspect using "Diagnostic Procedure without Diagnostic Trouble Code (DTC)". <Ref. to CVT(diag)-126, Diagnostic Procedure without Diagnostic Trouble Code (DTC).> 2) Inspect using "Diagnostics with Phenomenon". <Ref. to CVT(diag)-127, Diagnostics with Phenomenon.> 3) Perform the Inspection Mode. <Ref. to CVT(diag)-18, Inspection Mode.> 4) Read the DTC.	Is DTC displayed on Subaru Select Monitor?	Go to step **6**.	Finish the diagnosis.
6	**PERFORM DIAGNOSIS.** 1) Inspect by referring to "Diagnostic Procedure with Diagnostic Trouble Code (DTC)". <Ref. to CVT(diag)-36, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> NOTE: For the DTC table, refer to "List of Diagnostic Trouble Code (DTC)". <Ref. to CVT(diag)-32, List of Diagnostic Trouble Code (DTC).> 2) Repair the trouble cause. 3) Perform the Clear Memory Mode. 4) Perform the Inspection Mode. <Ref. to CVT(diag)-18, Inspection Mode.> 5) Read the DTC.	Is DTC displayed on Subaru Select Monitor?	Inspect by referring to "Diagnostic Procedure with Diagnostic Trouble Code (DTC)". <Ref. to CVT(diag)-36, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	Finish the diagnosis.