## CY:DTC P1443 VENT CONTROL SOLENOID VALVE FUNCTION PROBLEM DTC DETECTING CONDITION:

Immediately at fault recognition

• GENERAL DESCRIPTION <Ref. to GD(H4SO)-202, DTC P1443 VENT CONTROL SOLENOID VALVE FUNCTION PROBLEM, Diagnostic Trouble Code (DTC) Detecting Criteria.>

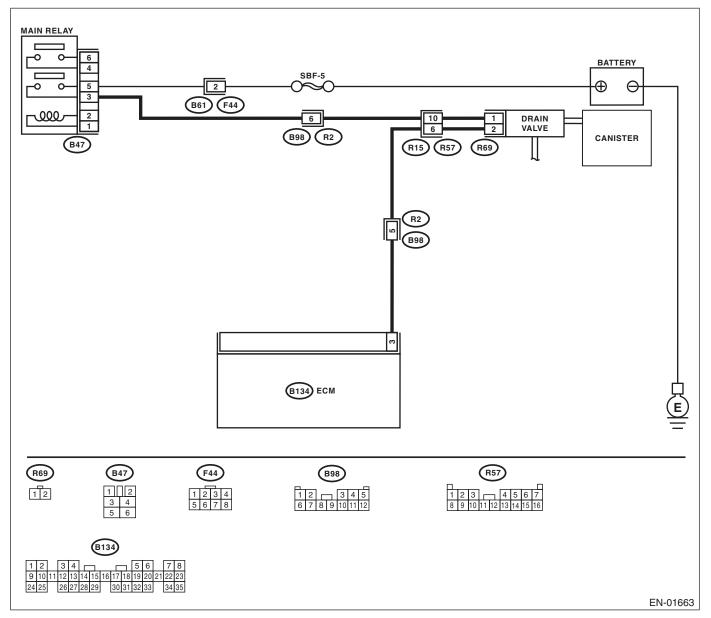
## **TROUBLE SYMPTOM:**

Improper fuel supply

## CAUTION:

After repair or replacement of faulty parts, conduct CLEAR MEMORY MODE <Ref. to EN(H4SO)(diag)-44, OPERATION, Clear Memory Mode.> and INSPECTION MODE <Ref. to EN(H4SO)(diag)-37, OPER-ATION, Inspection Mode.>.

WIRING DIAGRAM:



## Diagnostic Procedure with Diagnostic Trouble Code (DTC) ENGINE (DIAGNOSTICS)

	Step	Check	Yes	No
1	CHECK FOR OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Inspect the rele- vant DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">EN(H4SO)(diag)- 71, List of Diag- nostic Trouble Code (DTC).&gt;</ref.>	Go to step 2.
2	<ul> <li>CHECK VENT LINE HOSES.</li> <li>Check the following items.</li> <li>Clogging of vent hoses between canister and drain valve</li> <li>Clogging of vent hose between drain valve and air filter</li> <li>Clogging of drain filter</li> </ul>	Is there a fault in vent line?	Repair or replace faulty parts.	Go to step 3.
3	<ul> <li>CHECK DRAIN VALVE OPERATION.</li> <li>1) Turn ignition switch to OFF.</li> <li>2) Connect the test mode connector at the lower portion of instrument panel (on the driver's side).</li> <li>3) Turn ignition switch to ON.</li> <li>4) Operate the drain valve.</li> <li>NOTE:</li> <li>Drain valve operation can also be executed using Subaru Select Monitor. For the procedure, refer to "Compulsory Valve Operation Check Mode". <ref. check="" compulsory="" en(h4so)(diag)-45,="" mode.="" operation="" to="" valve=""></ref.></li> </ul>	Does the drain valve operate?	Contact SOA Ser- vice Center. NOTE: Inspection by DTM is required, be- cause probable cause is deteriora- tion of multiple parts.	Replace the drain valve. <ref. to<br="">EC(H4SO)-18, Drain Valve.&gt;</ref.>