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.>

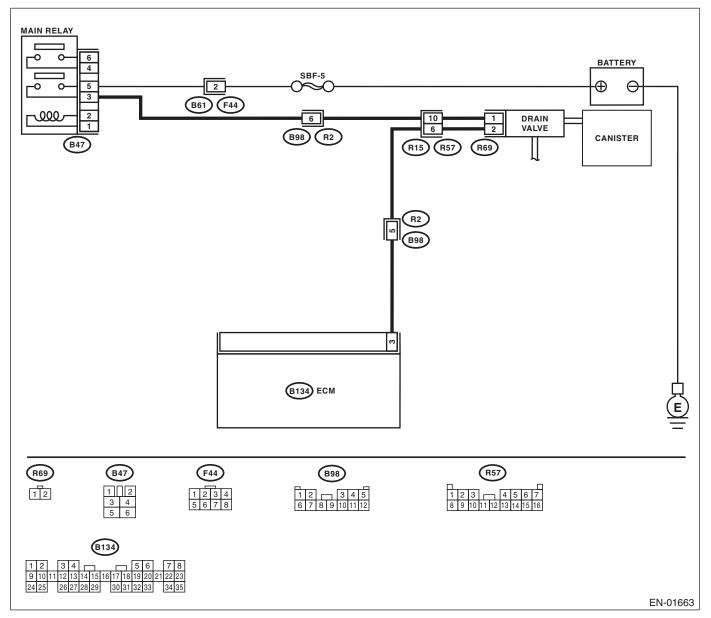
TROUBLE SYMPTOM:

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).></ref.> | Go to step 2. |
| 2 | CHECK VENT LINE HOSES. Check the following items. Clogging of vent hoses between canister and drain valve Clogging of vent hose between drain valve and air filter Clogging of drain filter | Is there a fault in vent line? | Repair or replace faulty parts. | Go to step 3. |
| 3 | CHECK DRAIN VALVE OPERATION. 1) Turn ignition switch to OFF. 2) Connect the test mode connector at the lower portion of instrument panel (on the driver's side). 3) Turn ignition switch to ON. 4) Operate the drain valve. NOTE: 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.> | 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.></ref.> |