

Electrical Component Location

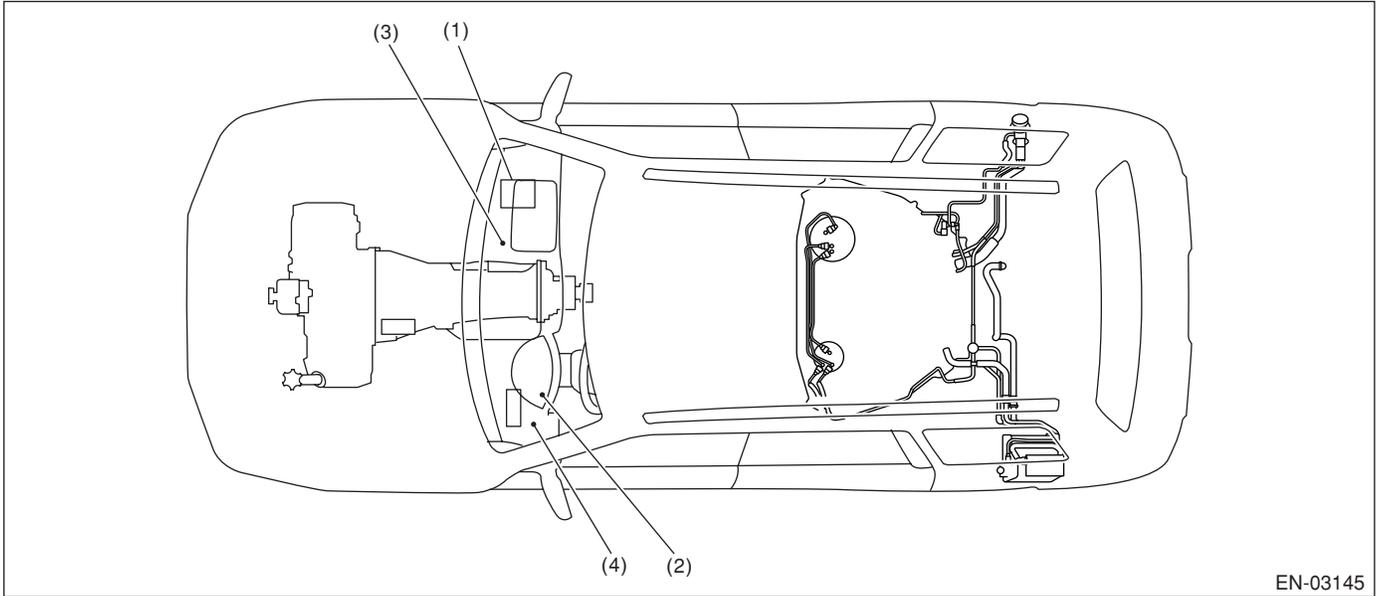
ENGINE (DIAGNOSTICS)

4. Electrical Component Location

A: LOCATION

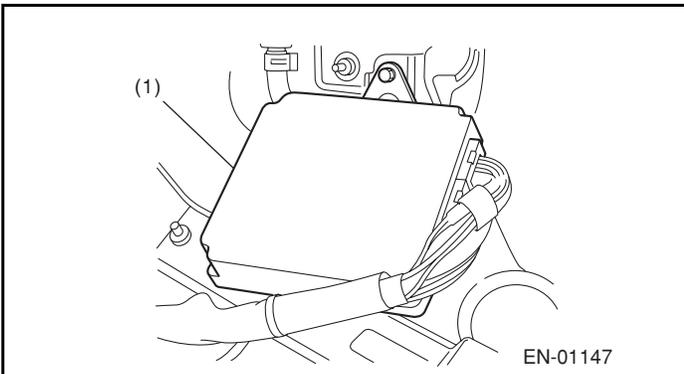
1. ENGINE

- Control module

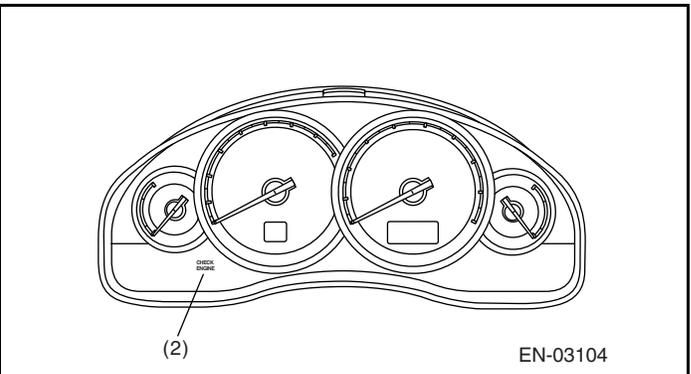


EN-03145

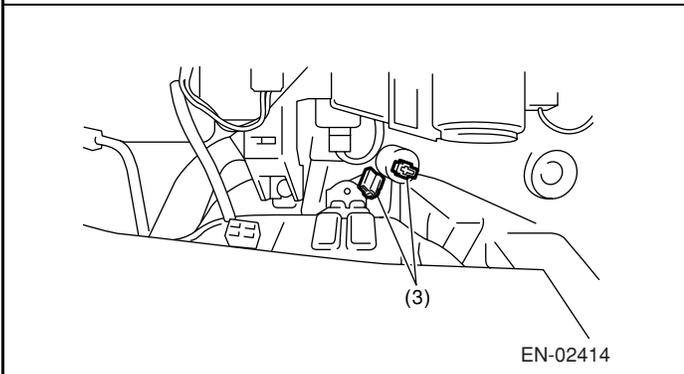
- (1) Engine control module (ECM) (3) Test mode connector (4) Data link connector
(2) Malfunction indicator light



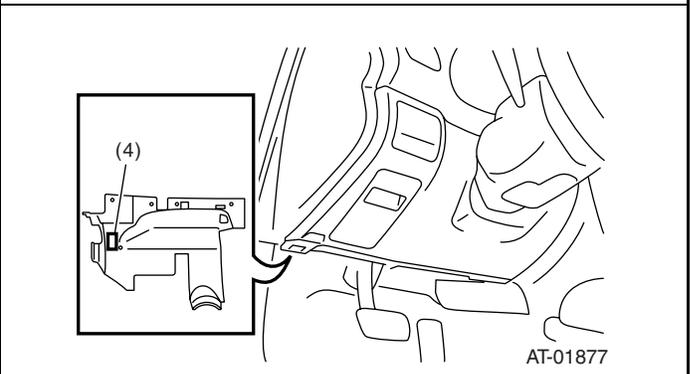
EN-01147



EN-03104



EN-02414

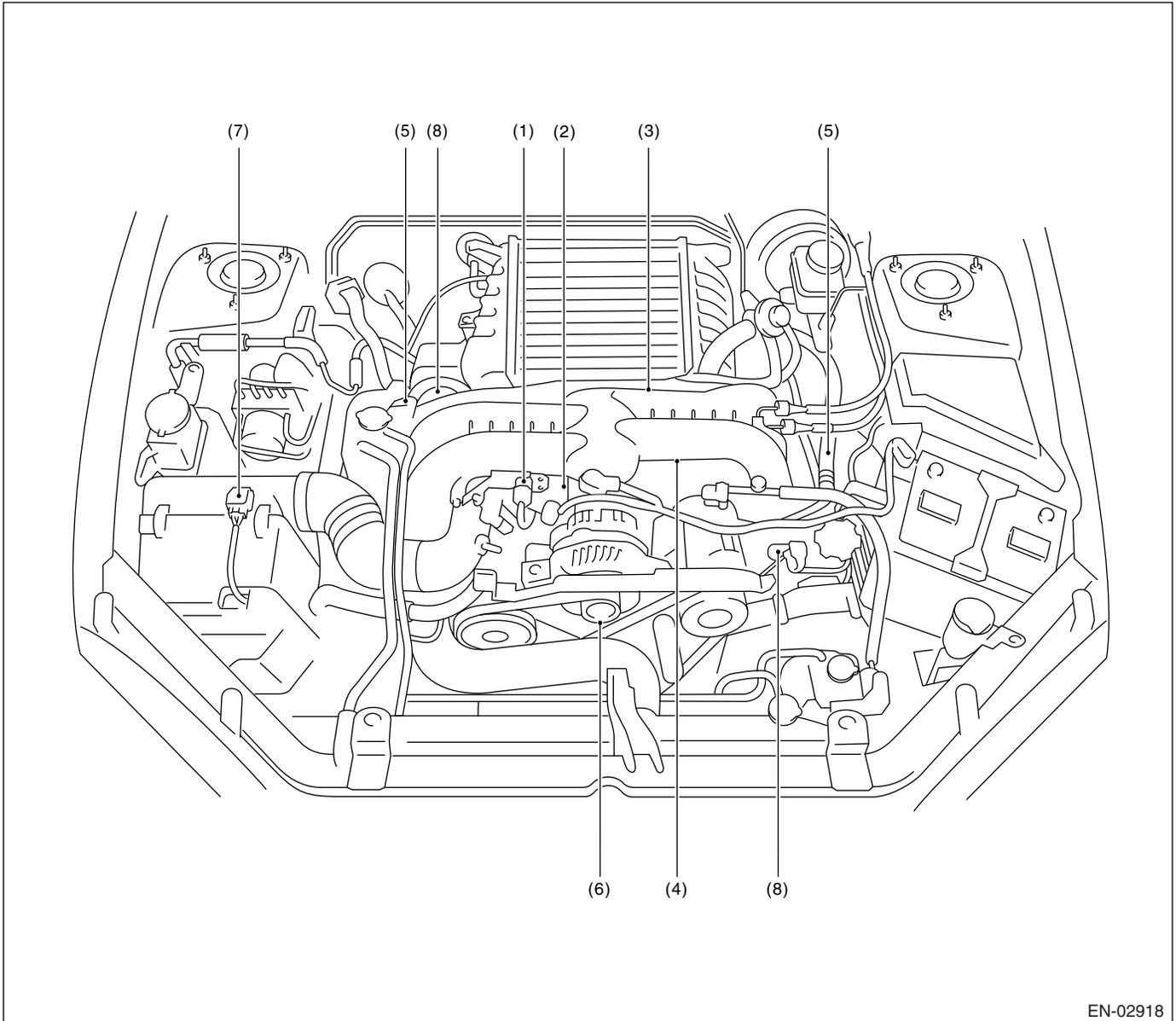


AT-01877

Electrical Component Location

ENGINE (DIAGNOSTICS)

- Sensor

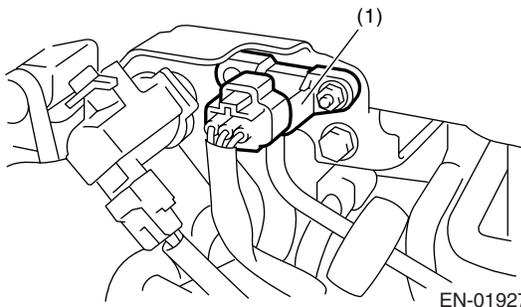


EN-02918

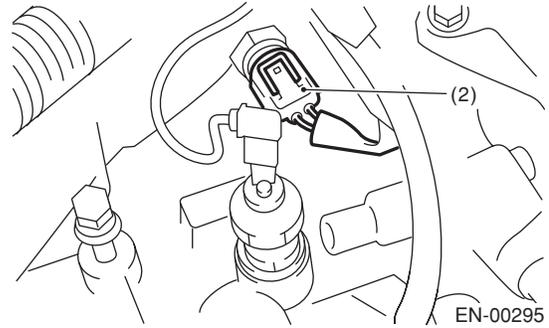
- | | | |
|---------------------------------------|-------------------------------------|---|
| (1) Manifold absolute pressure sensor | (3) Electronic throttle control | (7) Mass air flow and intake air temperature sensor |
| (2) Engine coolant temperature sensor | (4) Knock sensor | (8) Tumble generator valve position sensor |
| (6) Crankshaft position sensor | (5) Intake camshaft position sensor | |

Electrical Component Location

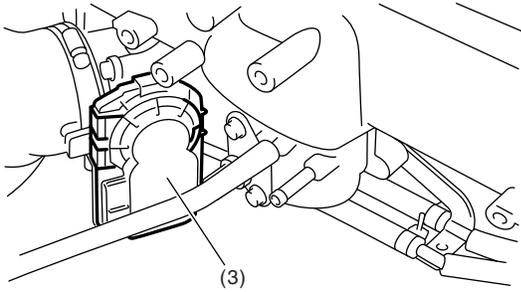
ENGINE (DIAGNOSTICS)



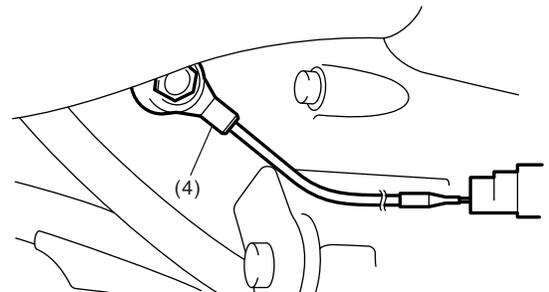
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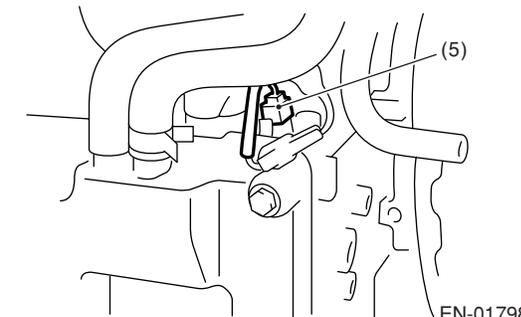
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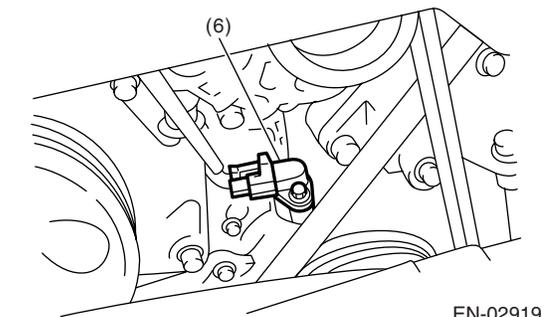
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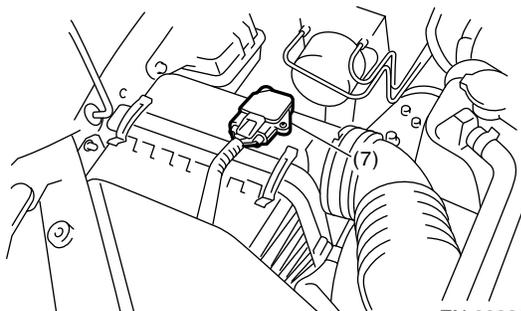
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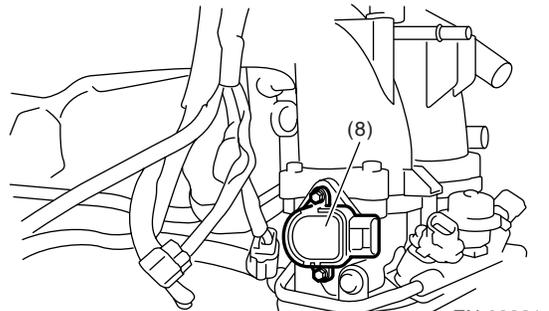
EN-01798



EN-02919



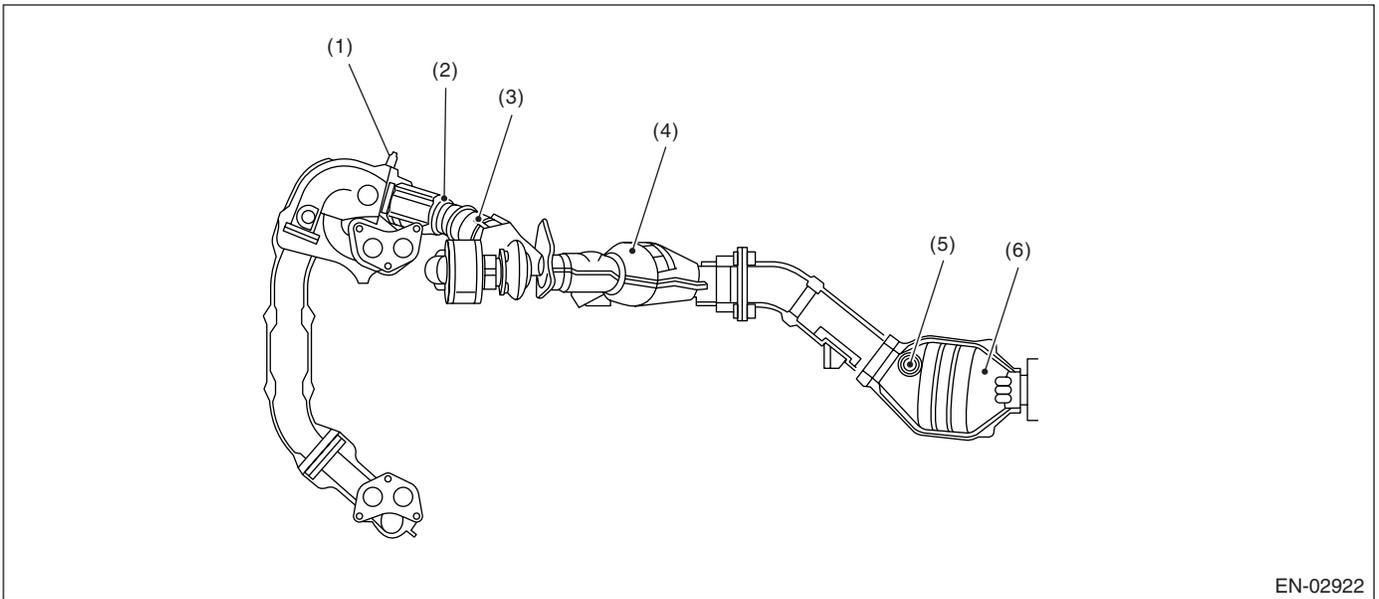
EN-02920



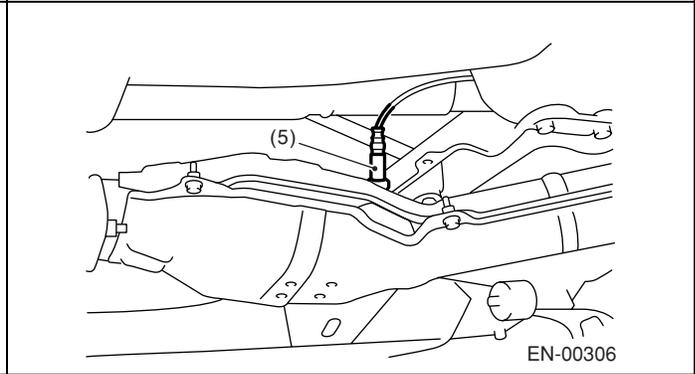
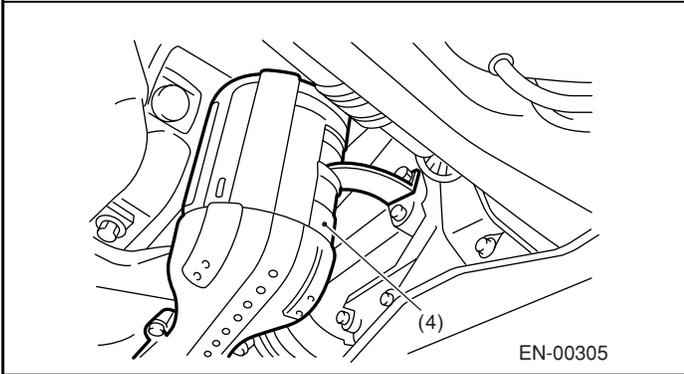
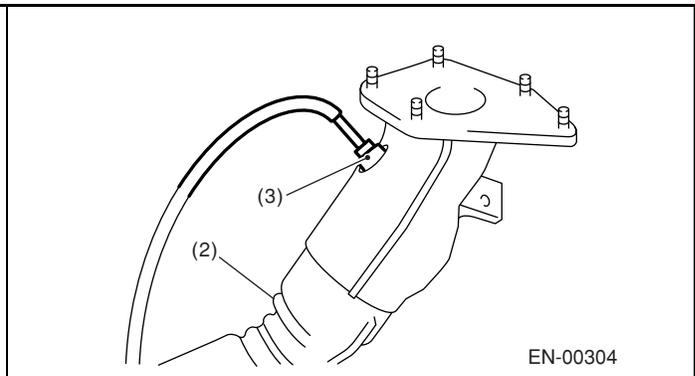
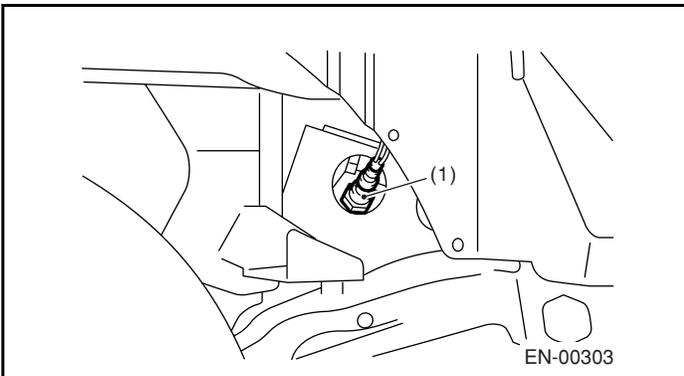
EN-02921

Electrical Component Location

ENGINE (DIAGNOSTICS)

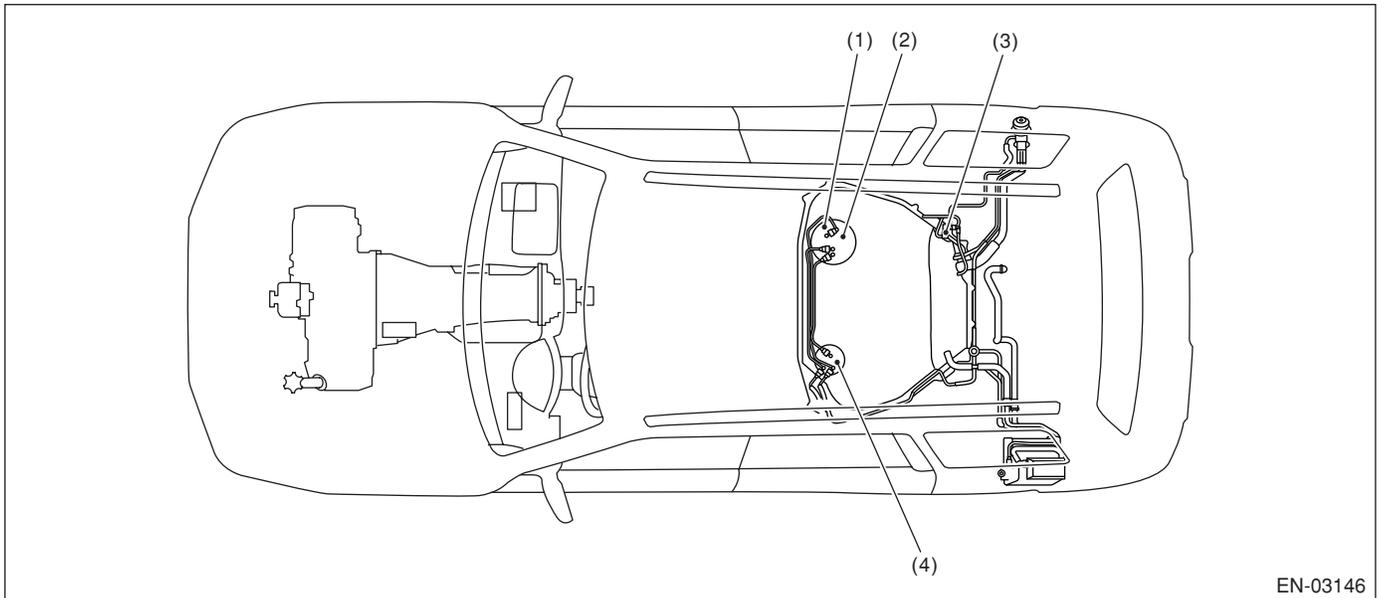
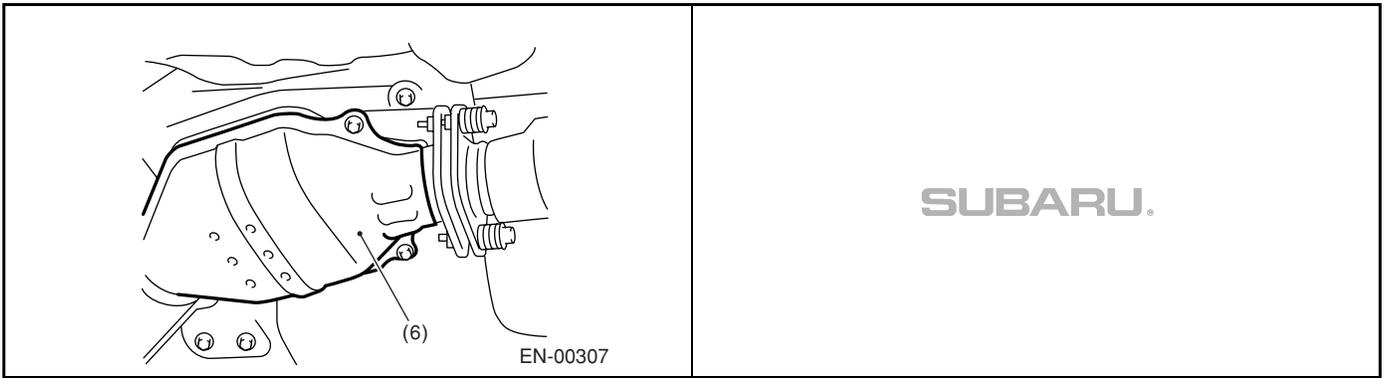


- | | | |
|-------------------------------|------------------------------------|------------------------------|
| (1) Front oxygen (A/F) sensor | (3) Exhaust gas temperature sensor | (5) Rear oxygen sensor |
| (2) Precatalytic converter | (4) Front catalytic converter | (6) Rear catalytic converter |

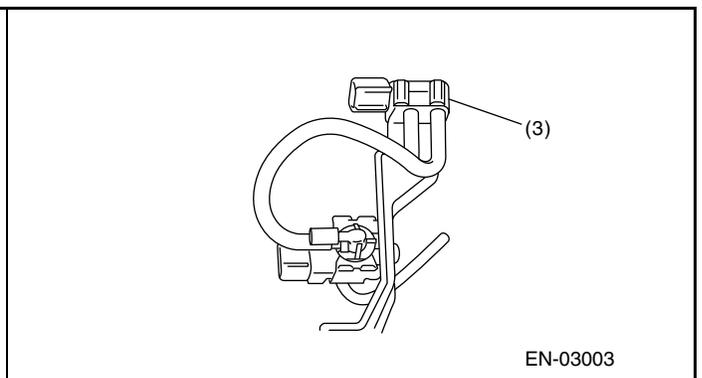
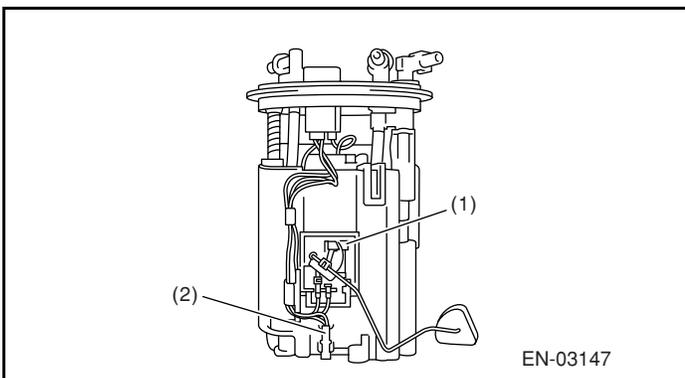


Electrical Component Location

ENGINE (DIAGNOSTICS)

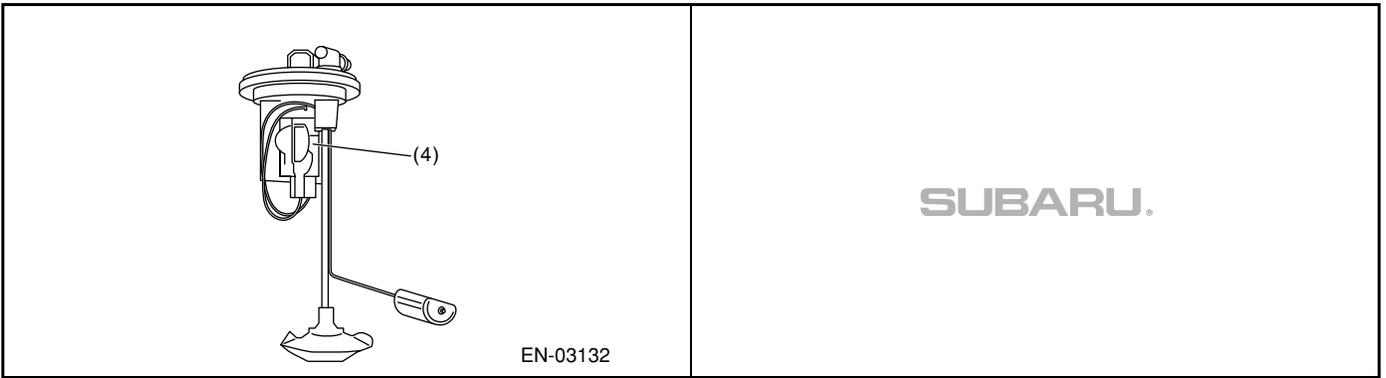


- (1) Fuel level sensor
- (2) Fuel temperature sensor
- (3) Fuel tank pressure sensor
- (4) Fuel sub level sensor

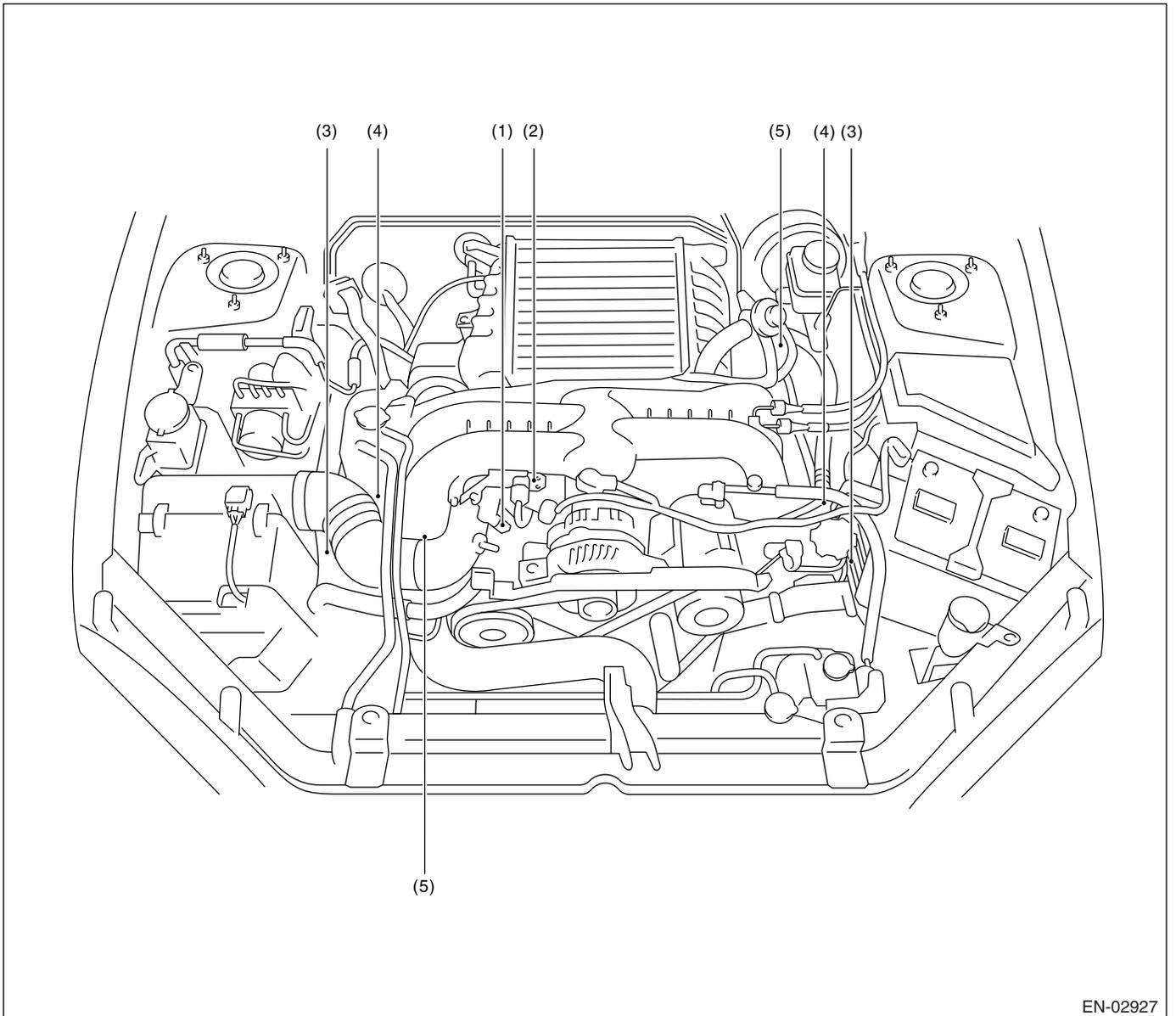


Electrical Component Location

ENGINE (DIAGNOSTICS)



- Solenoid valve, actuator, emission control system parts and ignition system parts



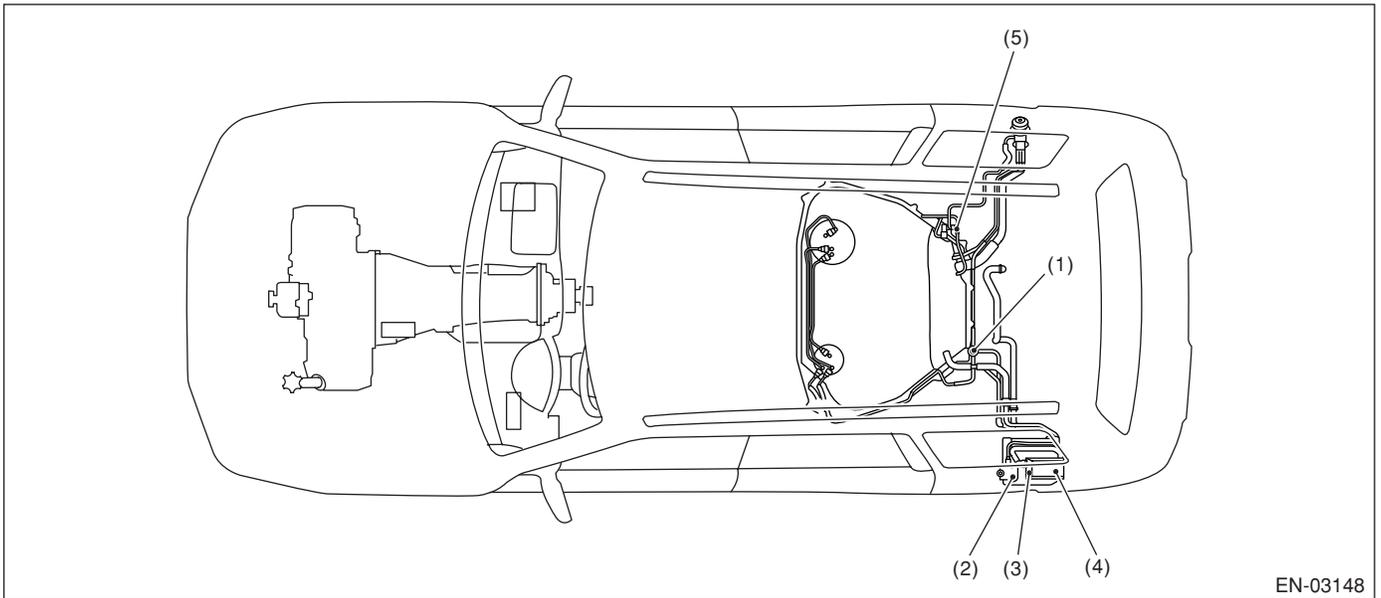
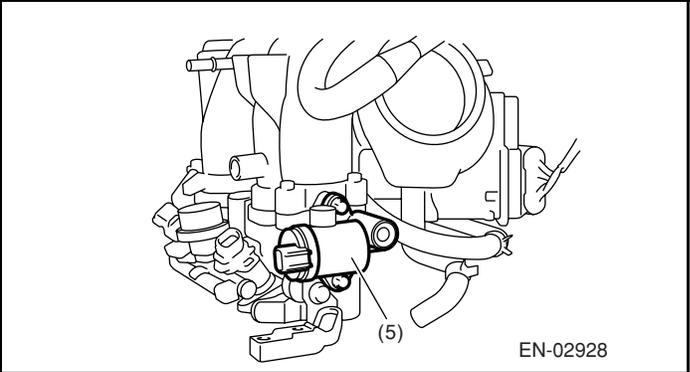
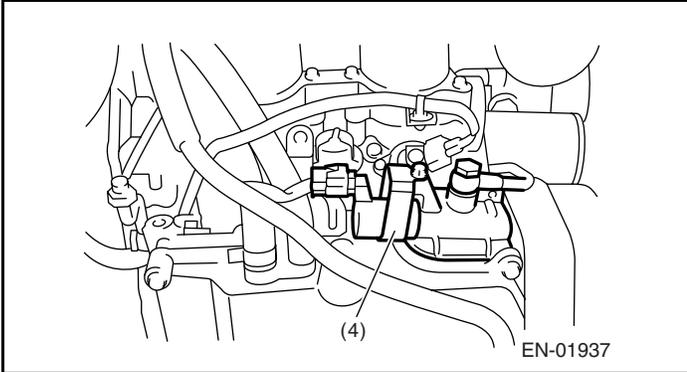
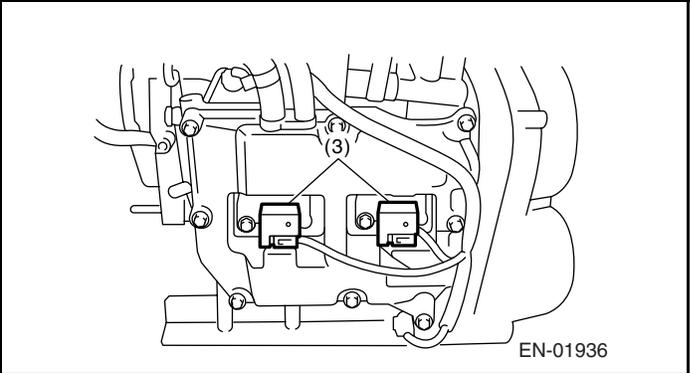
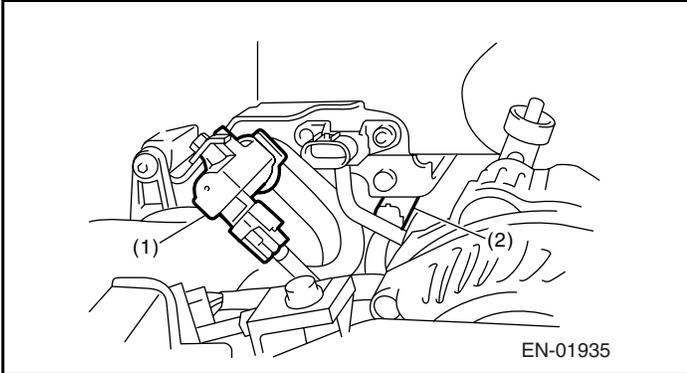
(1) Wastegate control solenoid valve
(2) Purge control solenoid valve

(3) Ignition coil
(4) Intake oil flow control solenoid valve

(5) Tumble generator valve actuator

Electrical Component Location

ENGINE (DIAGNOSTICS)



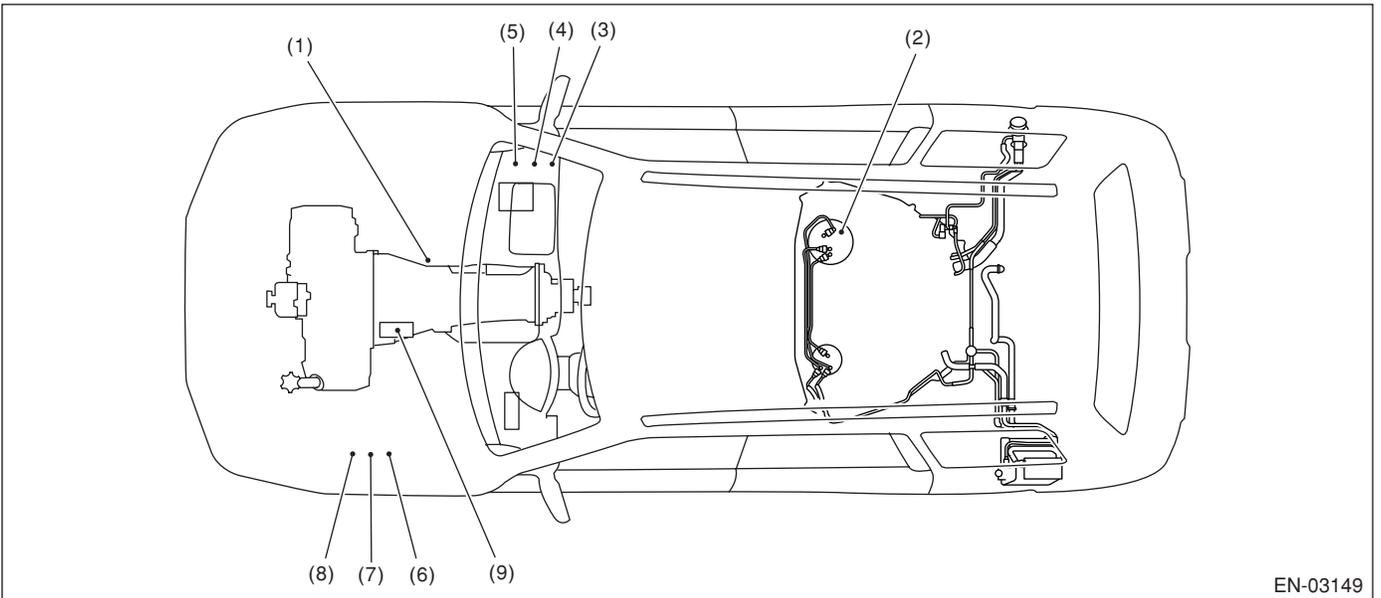
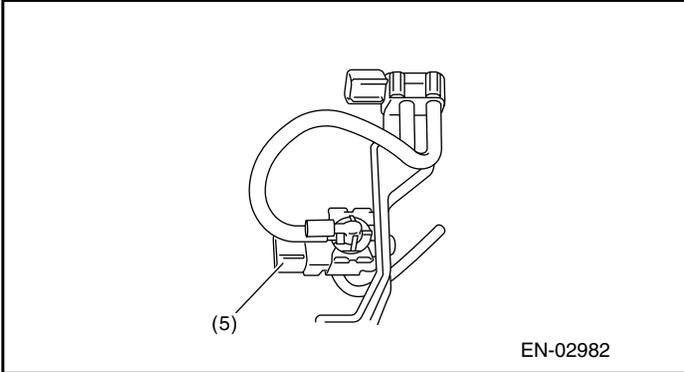
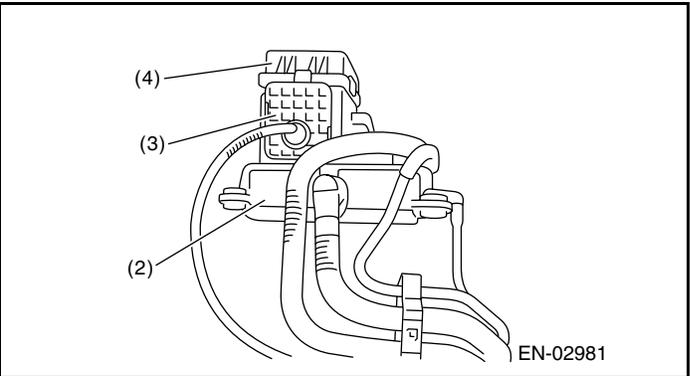
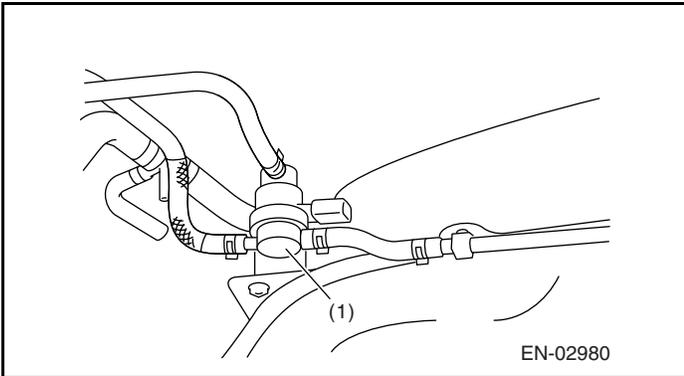
(1) Pressure control solenoid valve
 (2) Canister

(3) Drain valve
 (4) Drain filter

(5) Fuel tank sensor control valve

Electrical Component Location

ENGINE (DIAGNOSTICS)



- | | | |
|----------------------|---------------------------------------|-------------------------------|
| (1) Inhibitor switch | (4) Fuel pump relay | (7) Radiator sub fan relay |
| (2) Fuel pump | (5) Electronic throttle control relay | (8) Radiator main fan relay 2 |
| (3) Main relay | (6) Radiator main fan relay 1 | (9) Starter |

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ENGINE (DIAGNOSTICS)

