

ELECTRICAL COMPONENTS LOCATION

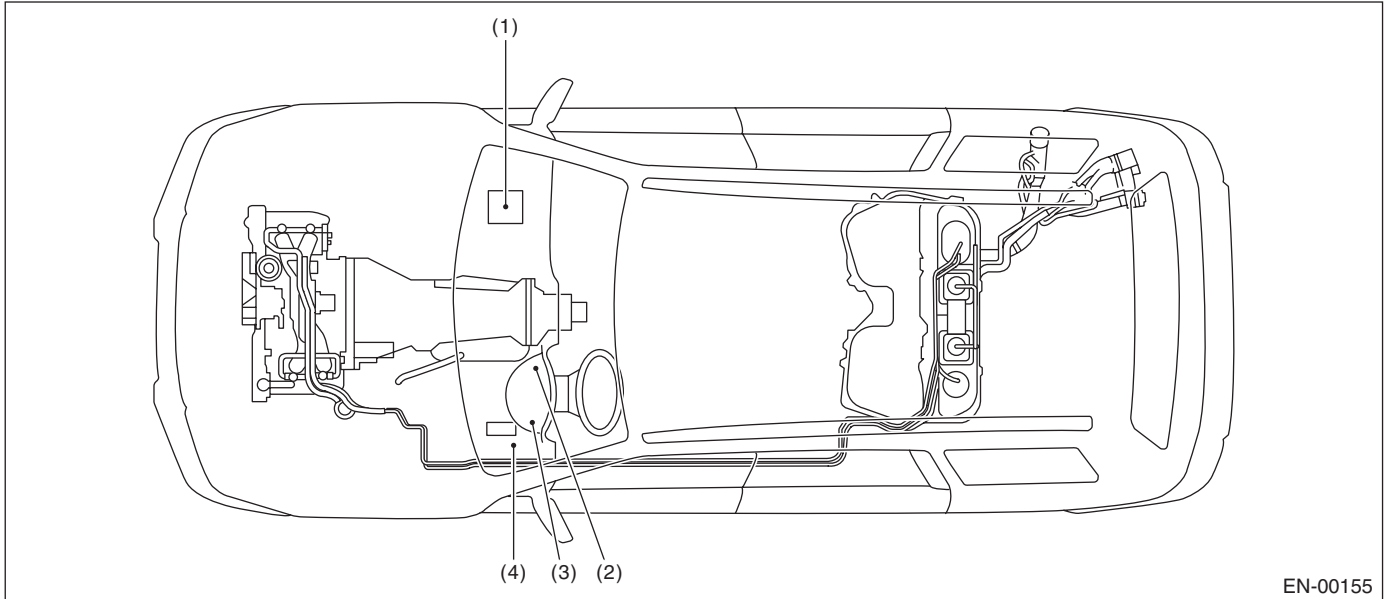
ENGINE (DIAGNOSTICS)

4. Electrical Components Location

A: LOCATION

1. ENGINE

• MODULE



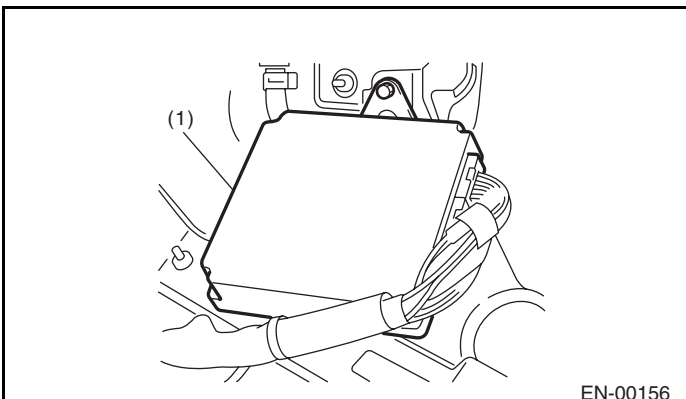
EN-00155

(1) Engine control module (ECM)

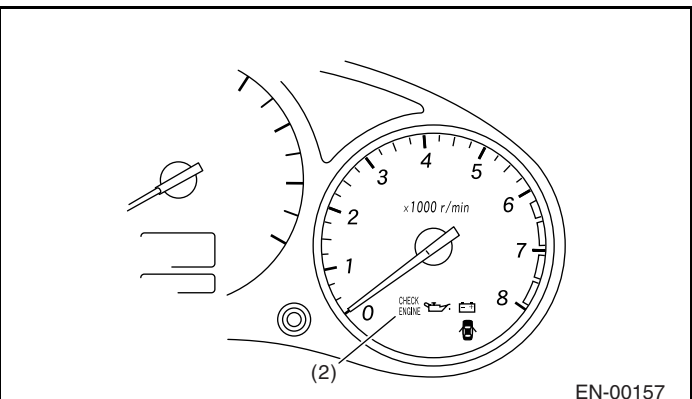
(3) Test mode connector

(4) Data link connector

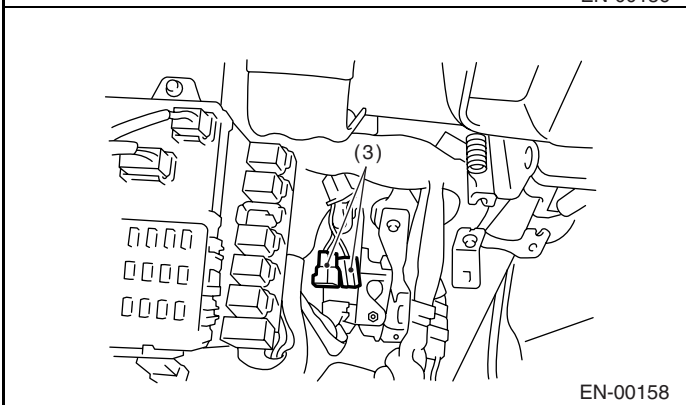
(2) Malfunction indicator light



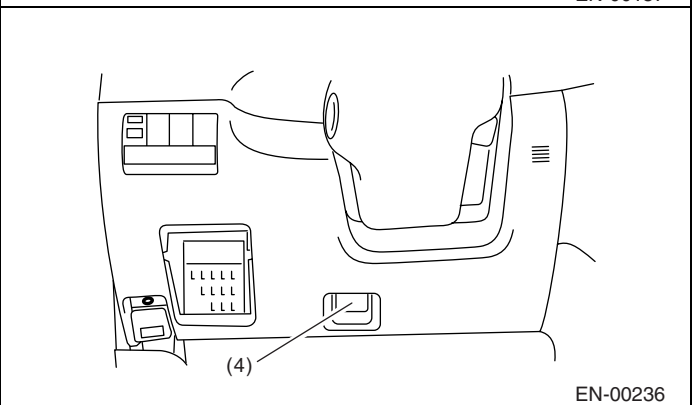
EN-00156



EN-00157



EN-00158

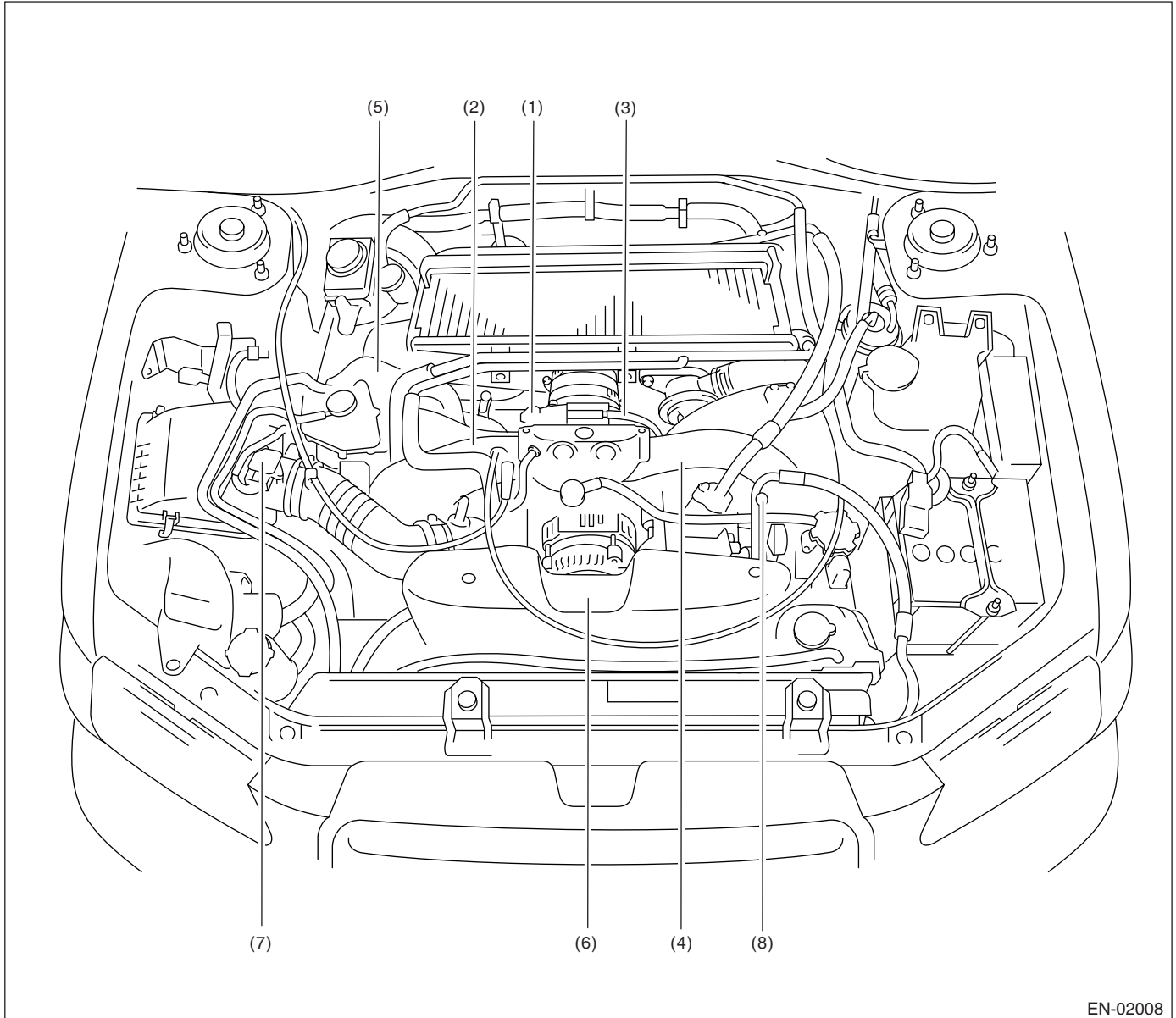


EN-00236

ELECTRICAL COMPONENTS LOCATION

ENGINE (DIAGNOSTICS)

• SENSOR

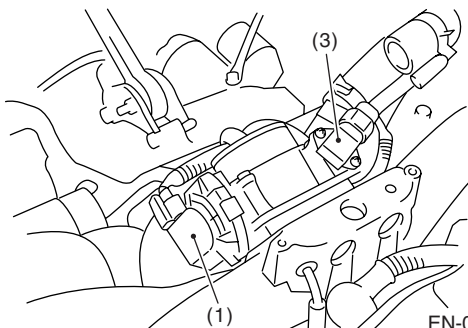


EN-02008

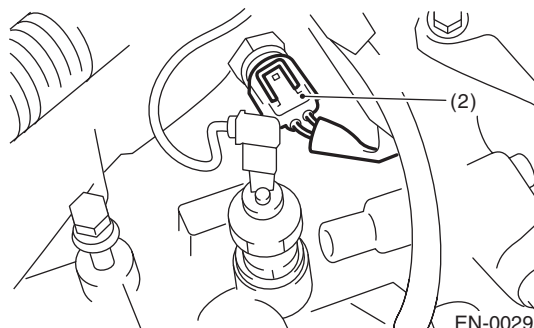
- | | | |
|---------------------------------------|--------------------------------|---|
| (1) Manifold absolute pressure sensor | (4) Knock sensor | (7) Mass air flow and intake air temperature sensor |
| (2) Engine coolant temperature sensor | (5) Camshaft position sensor | (8) Tumble generator valve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

ELECTRICAL COMPONENTS LOCATION

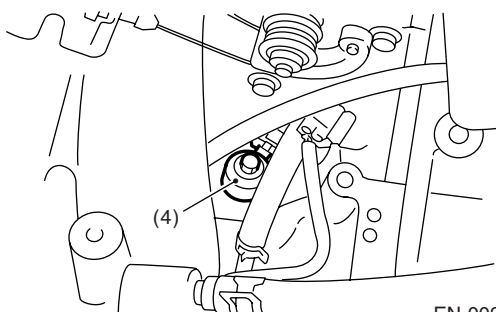
ENGINE (DIAGNOSTICS)



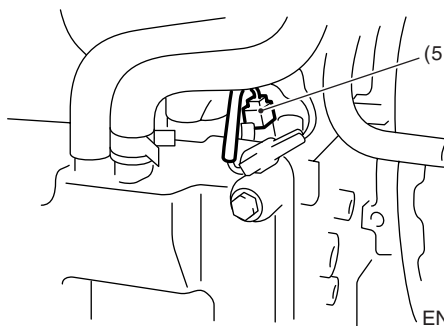
EN-02009



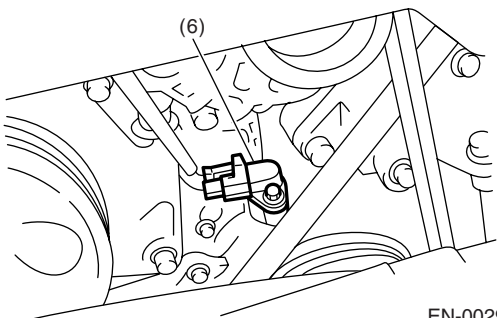
EN-00295



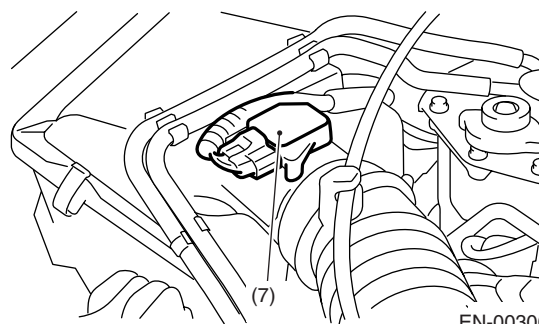
EN-00297



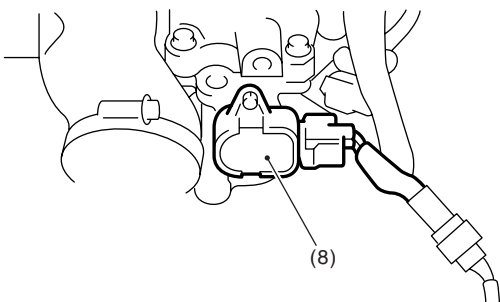
EN-01798



EN-00299



EN-00300

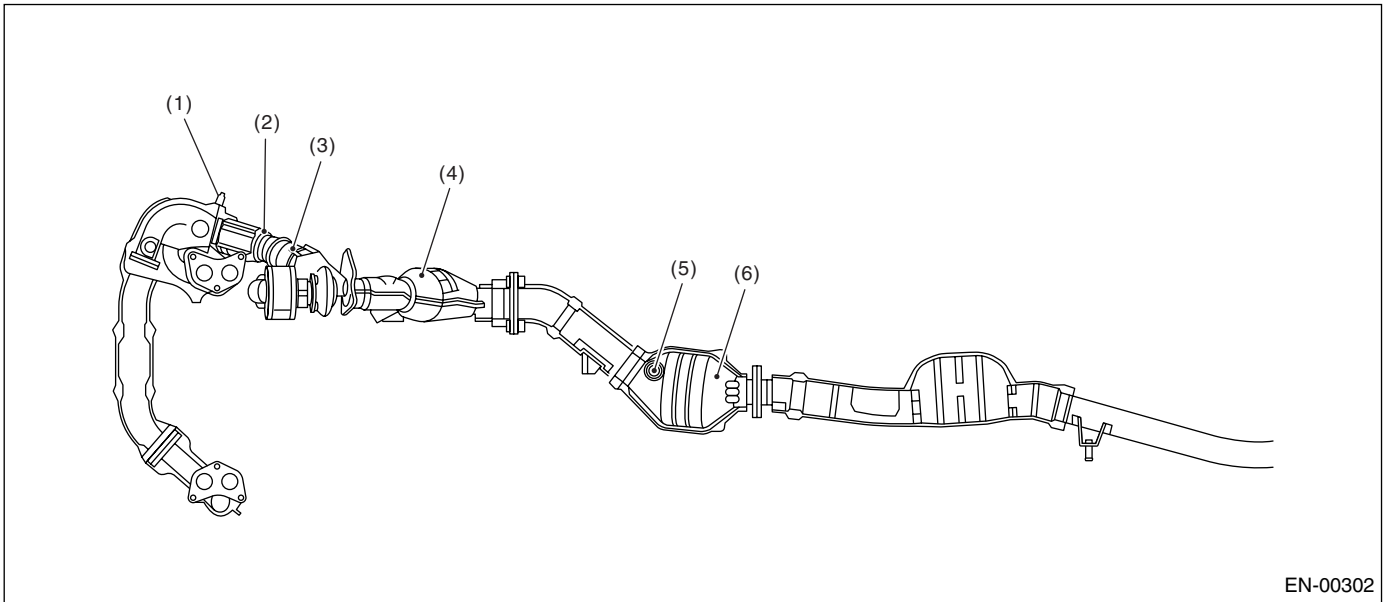


EN-00301

SUBARU.

ELECTRICAL COMPONENTS LOCATION

ENGINE (DIAGNOSTICS)



EN-00302

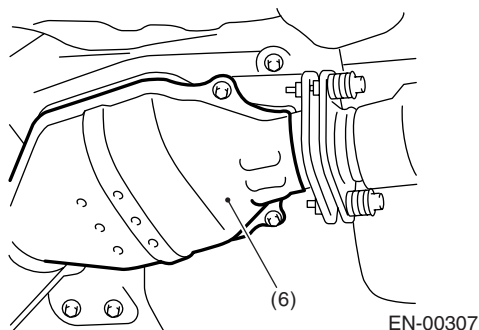
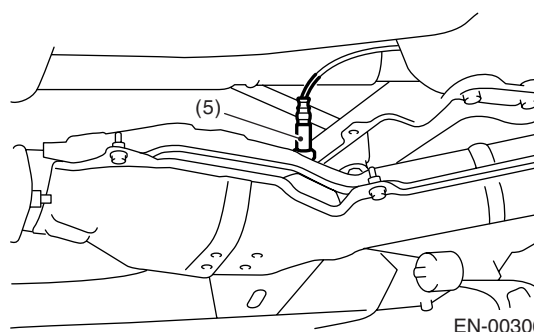
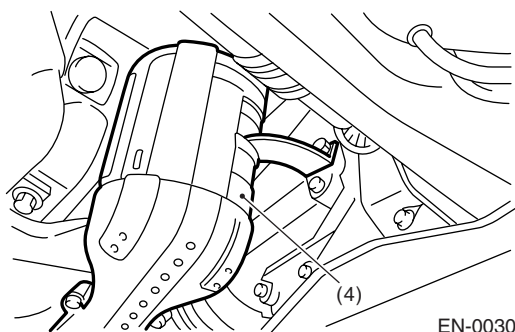
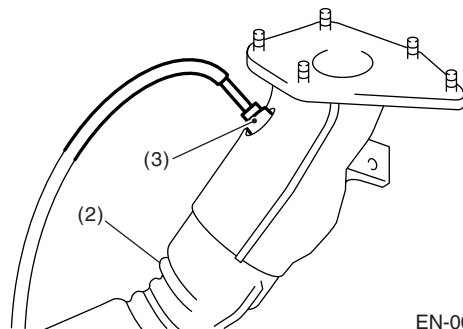
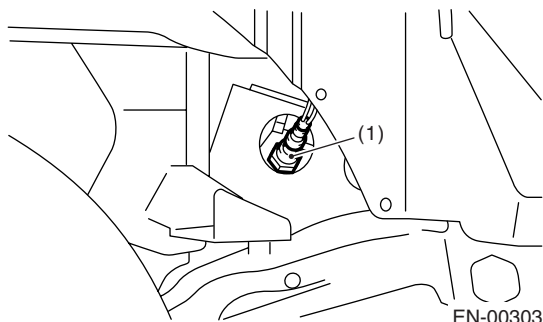
- (1) Front oxygen (A/F) sensor
- (2) Precatalytic converter

- (3) Exhaust temperature sensor
- (4) Front catalytic converter

- (5) Rear oxygen sensor
- (6) Rear catalytic converter

ELECTRICAL COMPONENTS LOCATION

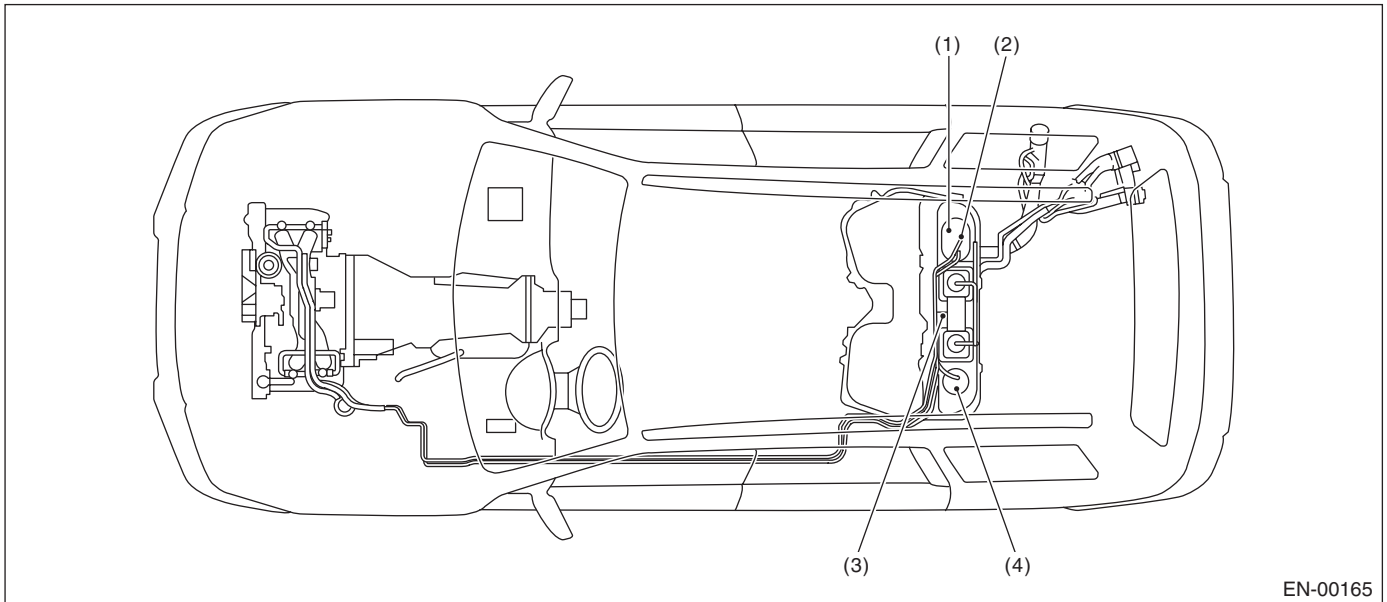
ENGINE (DIAGNOSTICS)



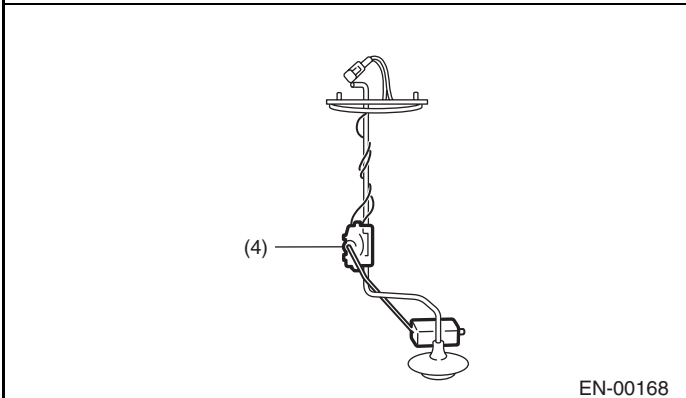
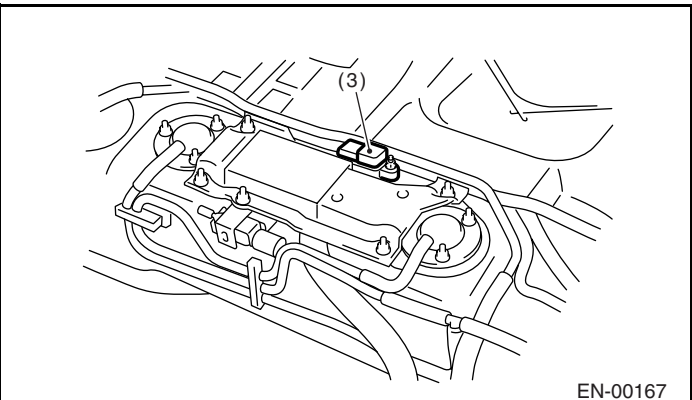
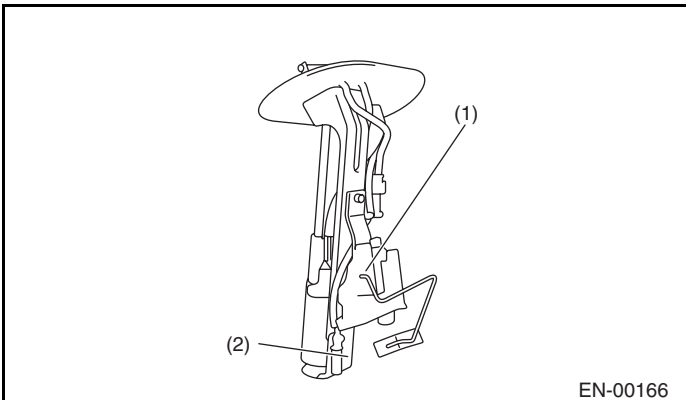
SUBARU.

ELECTRICAL COMPONENTS LOCATION

ENGINE (DIAGNOSTICS)



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

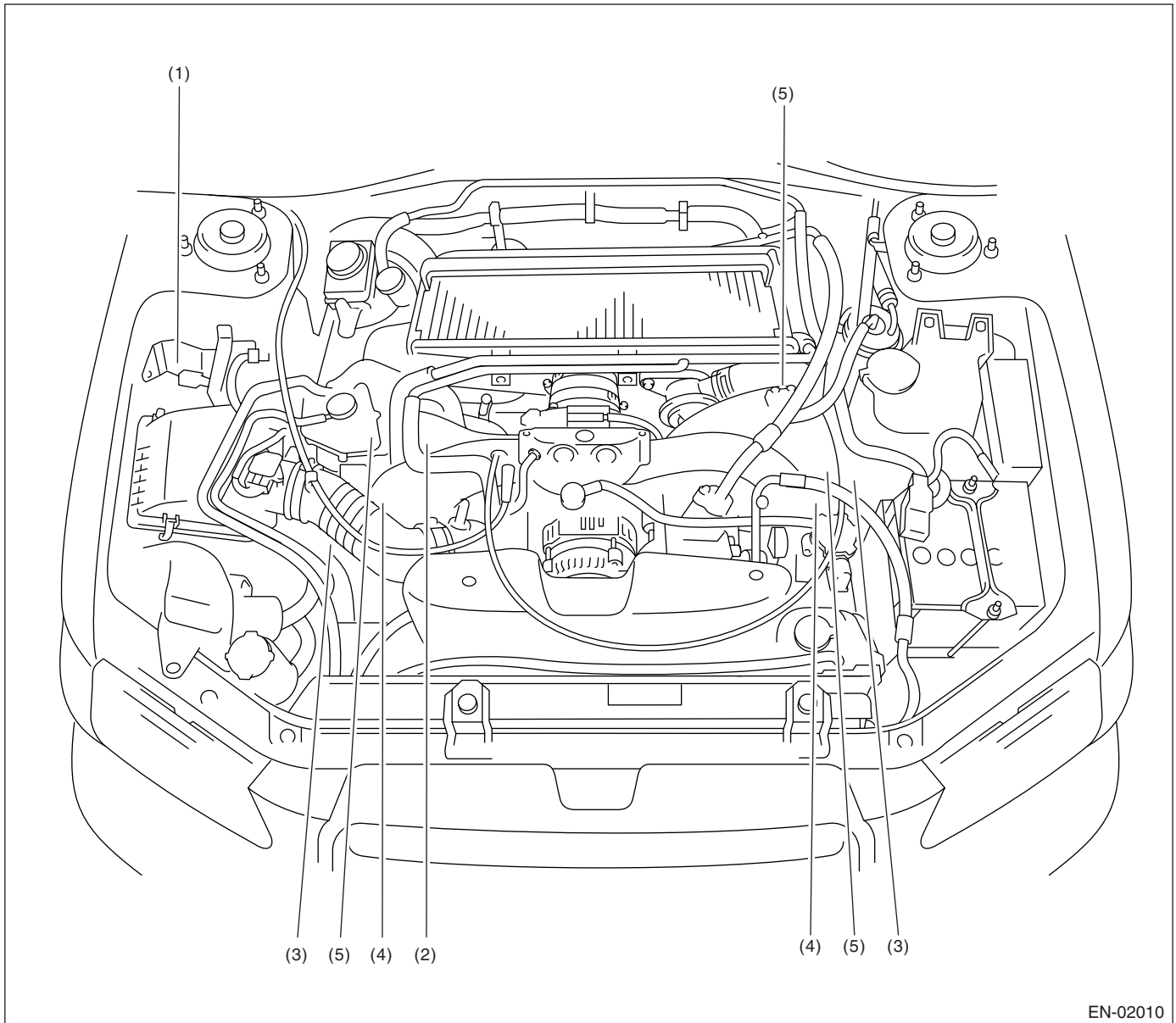


SUBARU.

ELECTRICAL COMPONENTS LOCATION

ENGINE (DIAGNOSTICS)

• SOLENOID VALVE, ACTUATOR, EMISSION CONTROL SYSTEM PARTS AND IGNITION SYSTEM PARTS



EN-02010

(1) Wastegate control solenoid valve

(2) Purge control solenoid valve

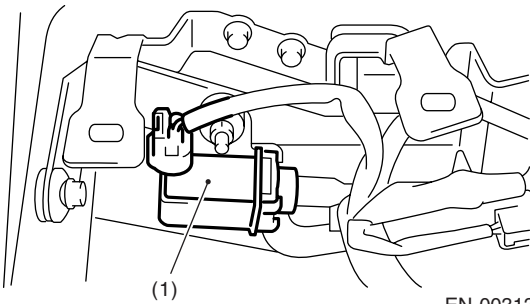
(3) Ignition coil

(4) Tumble generator valve actuator

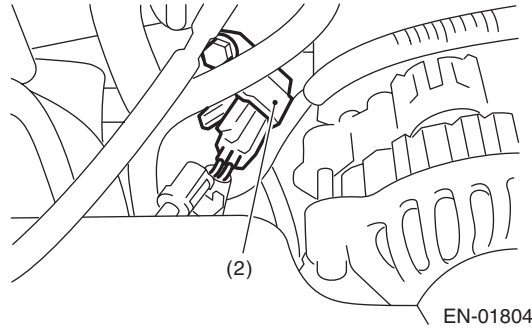
(5) Oil flow control solenoid valve

ELECTRICAL COMPONENTS LOCATION

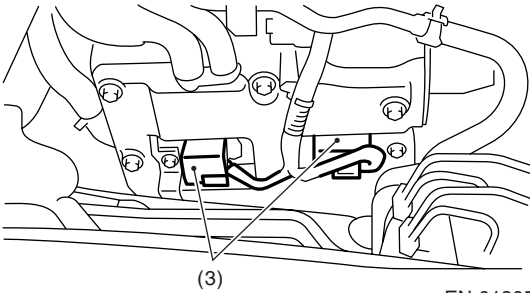
ENGINE (DIAGNOSTICS)



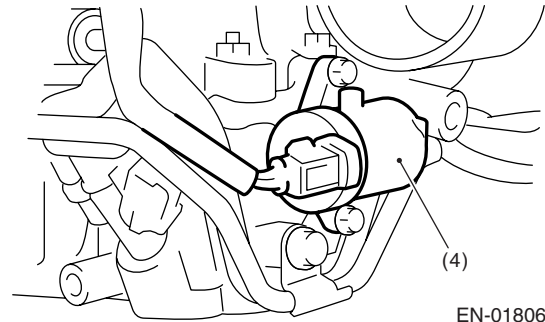
EN-00313



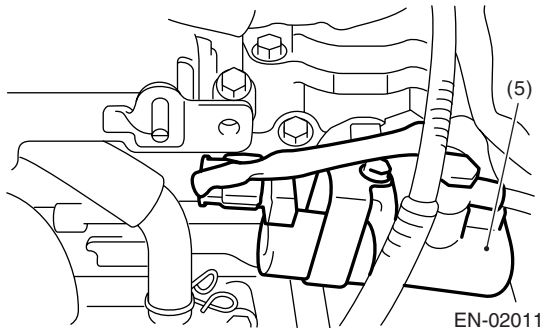
EN-01804



EN-01805



EN-01806

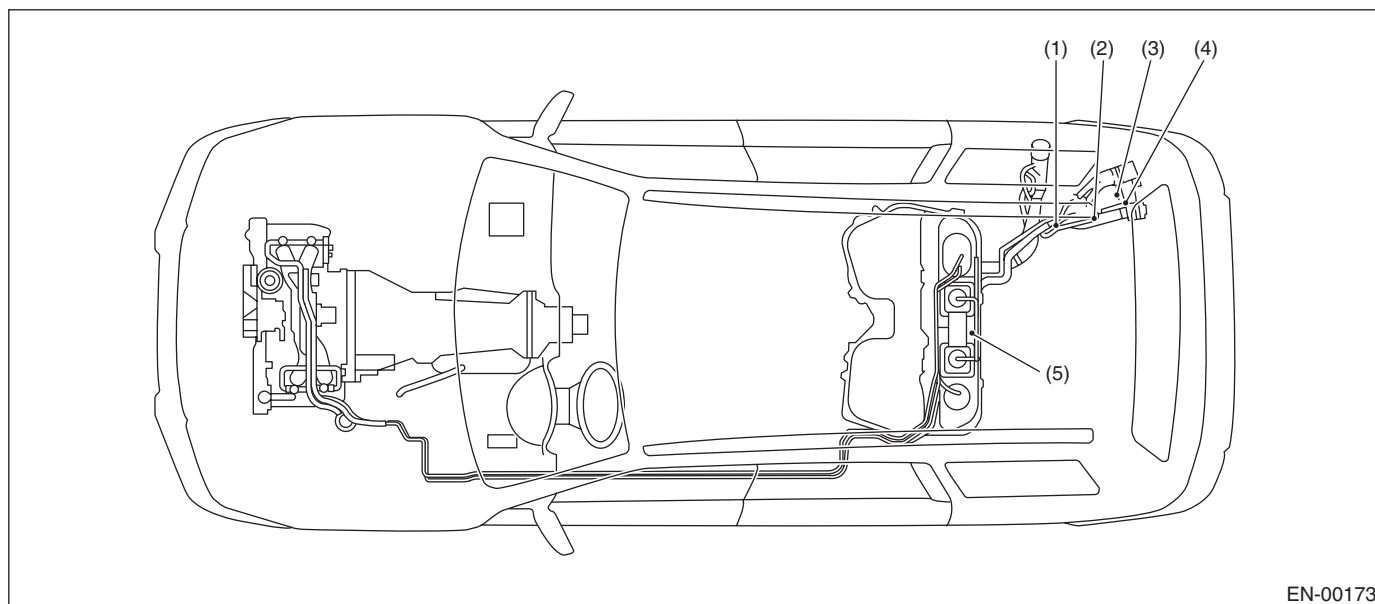


EN-02011

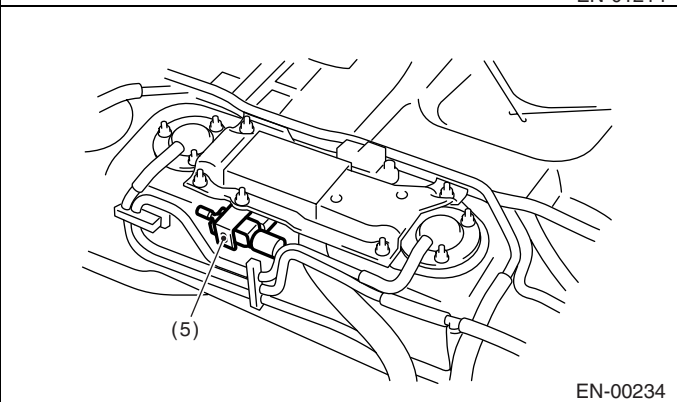
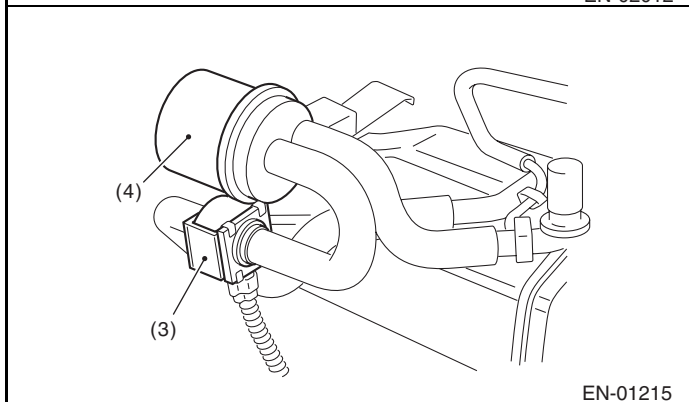
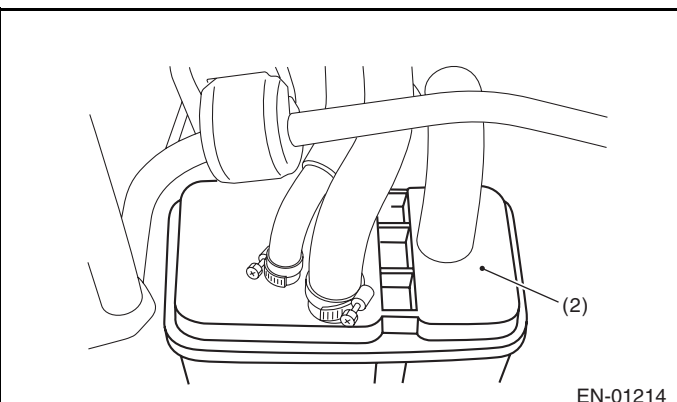
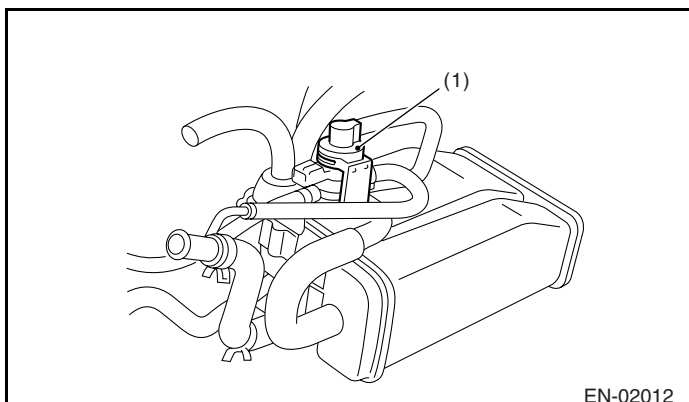
SUBARU.

ELECTRICAL COMPONENTS LOCATION

ENGINE (DIAGNOSTICS)

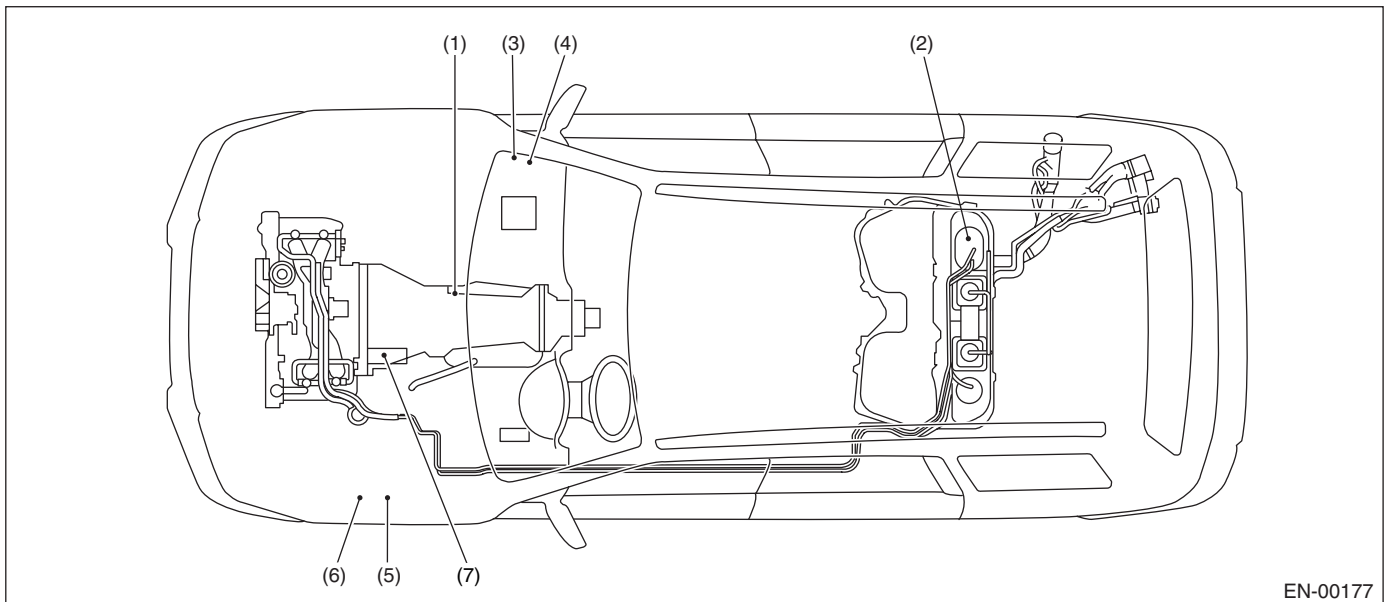


- | | | |
|-------------------------------------|------------------|------------------------------------|
| (1) Pressure control solenoid valve | (3) Drain valve | (5) Fuel tank sensor control valve |
| (2) Canister | (4) Drain filter | |



ELECTRICAL COMPONENTS LOCATION

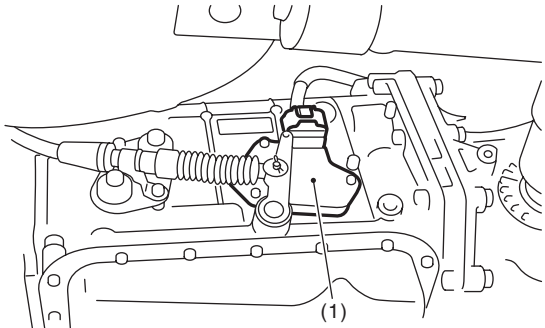
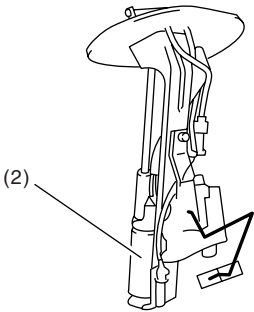
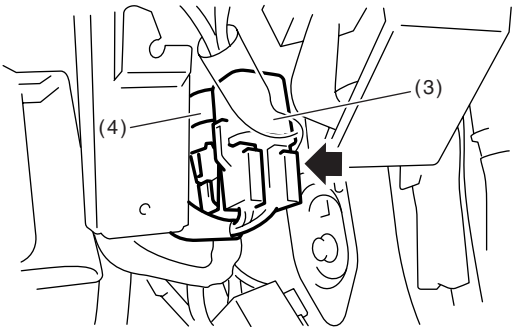
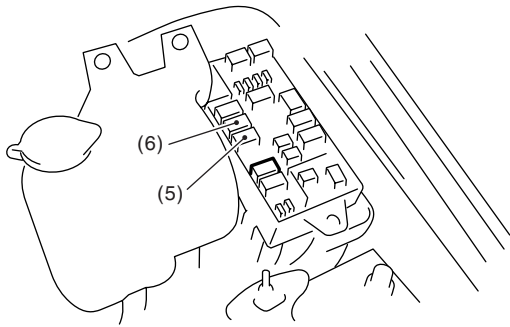
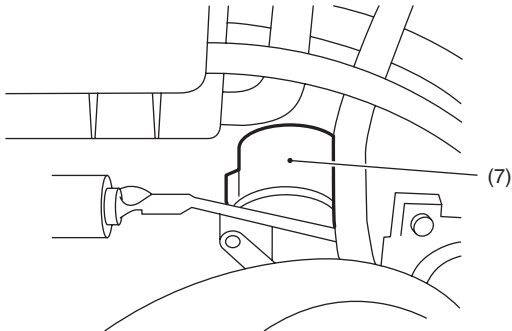
ENGINE (DIAGNOSTICS)



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

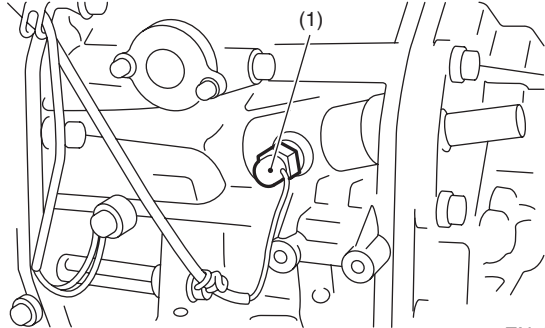
ELECTRICAL COMPONENTS LOCATION

ENGINE (DIAGNOSTICS)

 EN-00178	 EN-00179
 EN-00237	 EN-00180
 EN-00181	SUBARU.

2. TRANSMISSION

• SOLENOID VALVE AND SWITCH (MT MODEL)

 EN-00192	SUBARU.
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(1) Neutral position switch