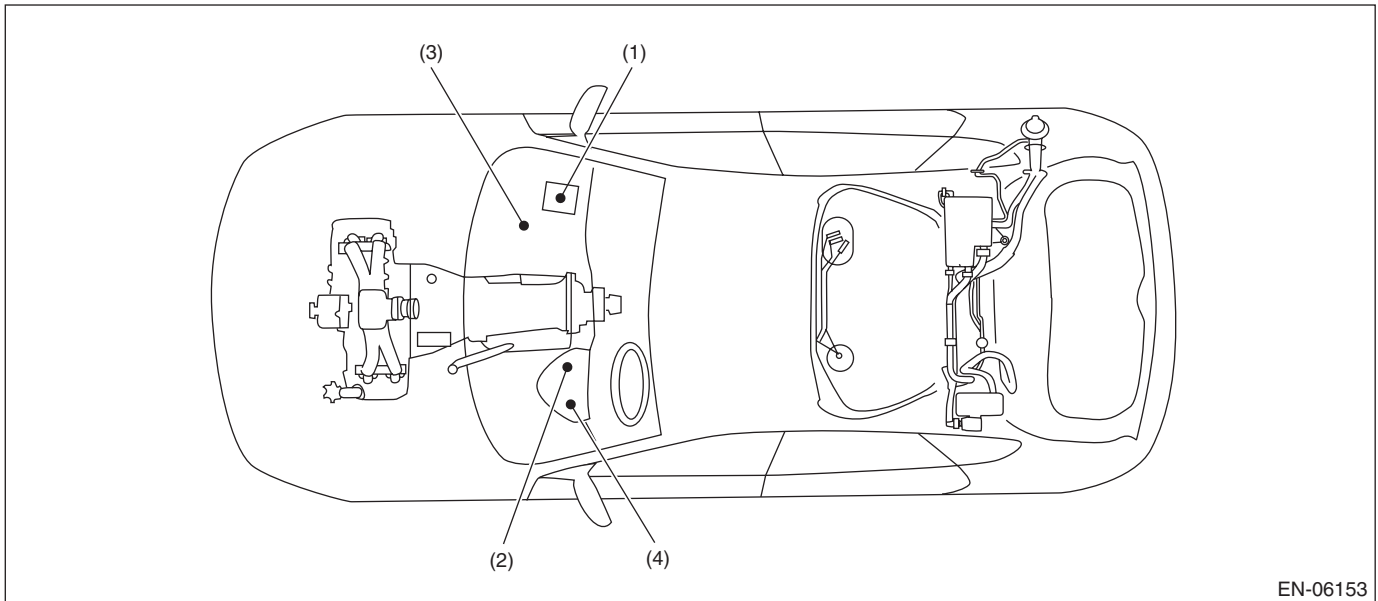


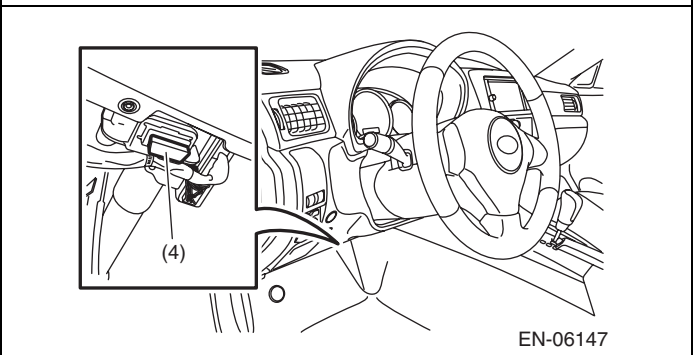
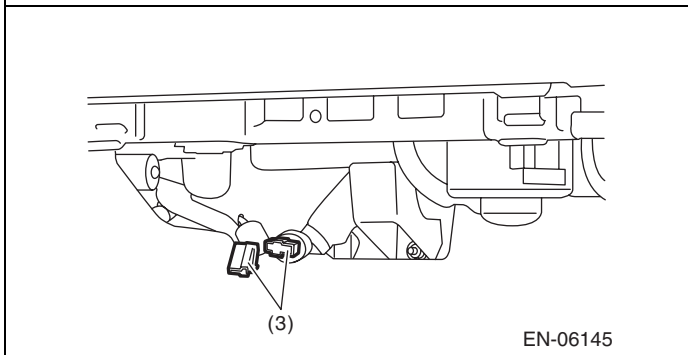
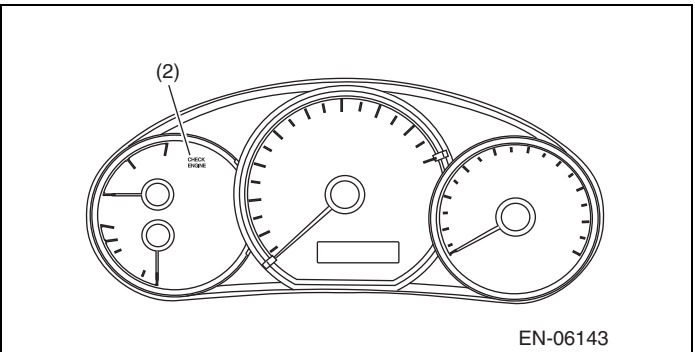
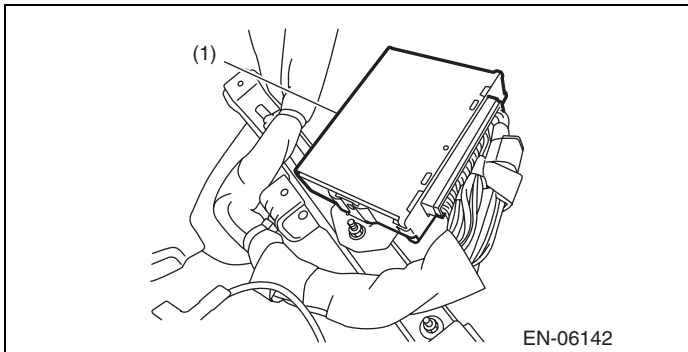
4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



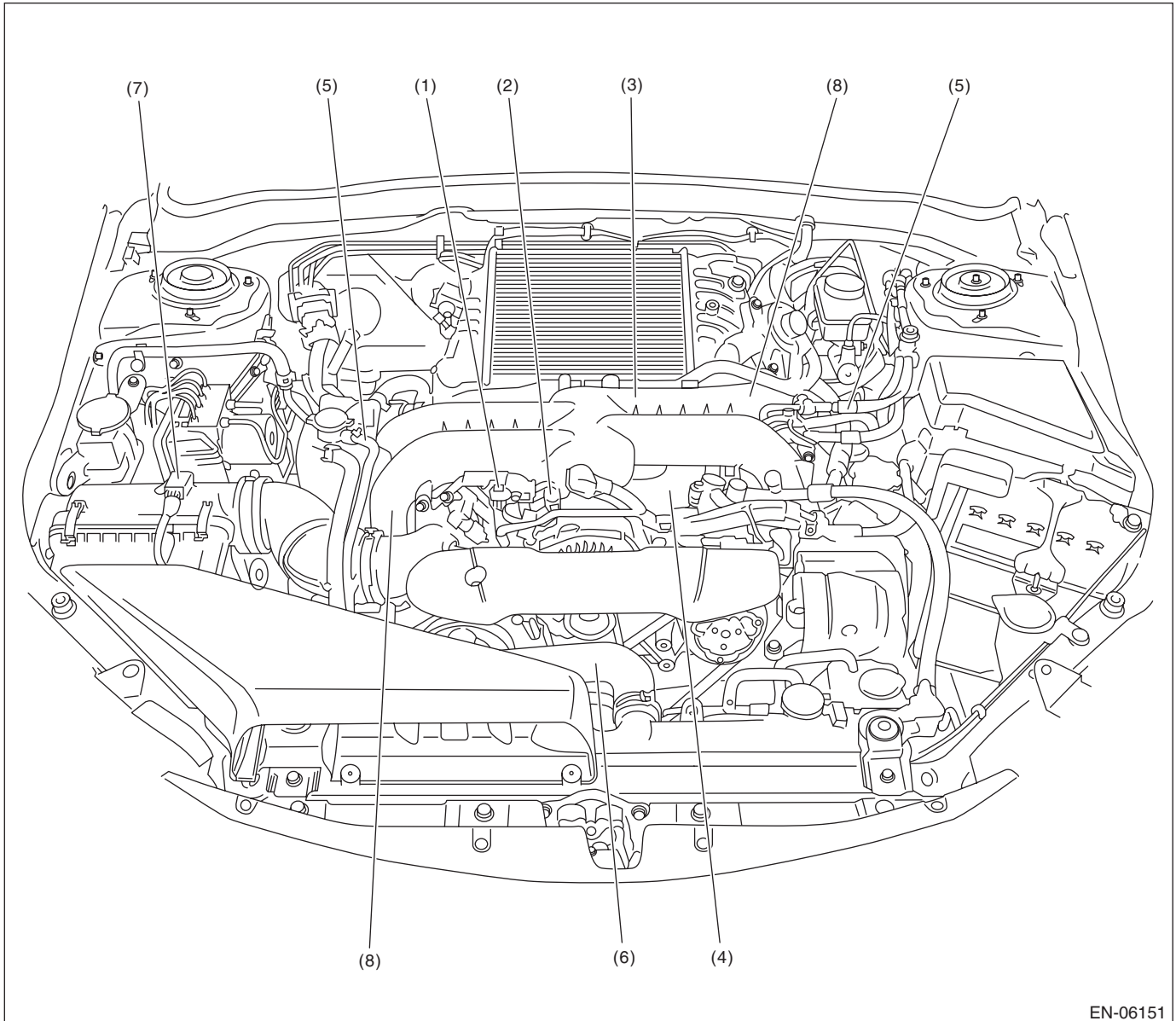
- | | | |
|---------------------------------|------------------------------------|-------------------------|
| (1) Engine control module (ECM) | (3) Delivery (test) mode connector | (4) Data link connector |
| (2) Malfunction indicator light | | |



Electrical Component Location

ENGINE (DIAGNOSTICS)

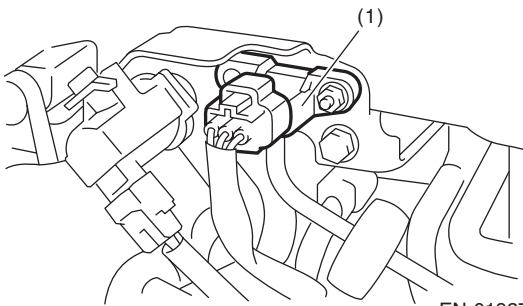
2. SENSOR



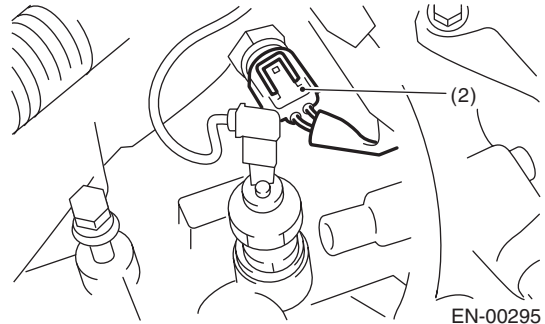
- | | | |
|---------------------------------------|-------------------------------------|---|
| (1) Manifold absolute pressure sensor | (4) Knock sensor | (7) Mass air flow and intake air temperature sensor |
| (2) Engine coolant temperature sensor | (5) Intake camshaft position sensor | (8) Tumble generator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

Electrical Component Location

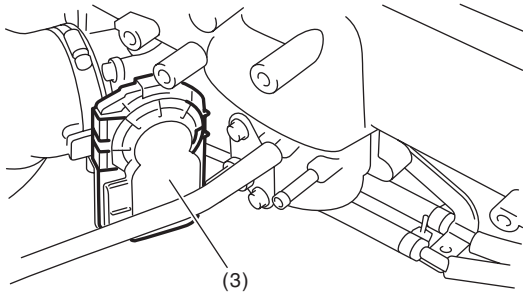
ENGINE (DIAGNOSTICS)



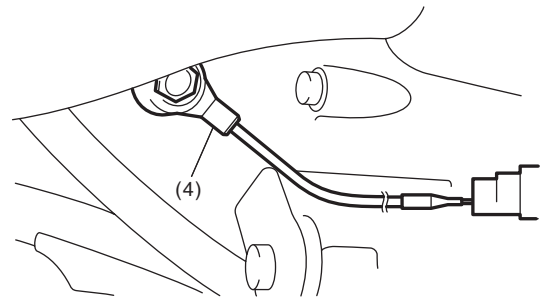
EN-01927



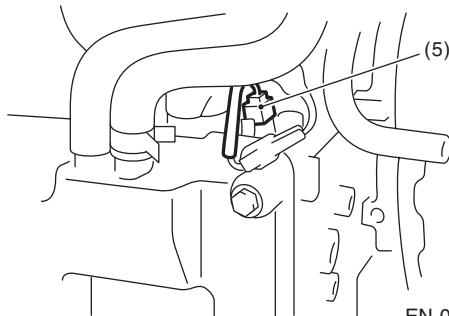
EN-00295



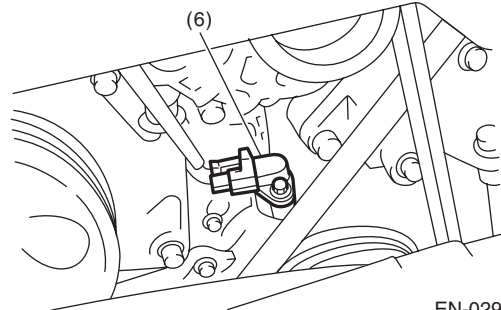
EN-01928



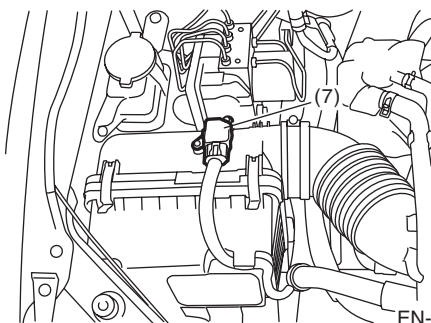
EN-02169



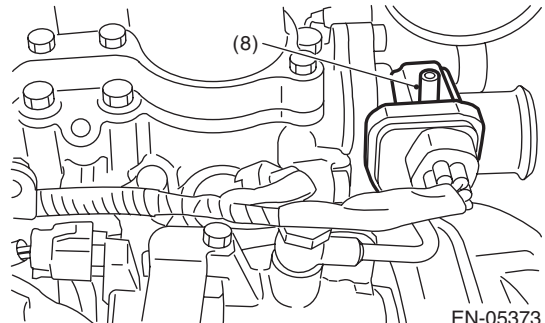
EN-01798



EN-02919



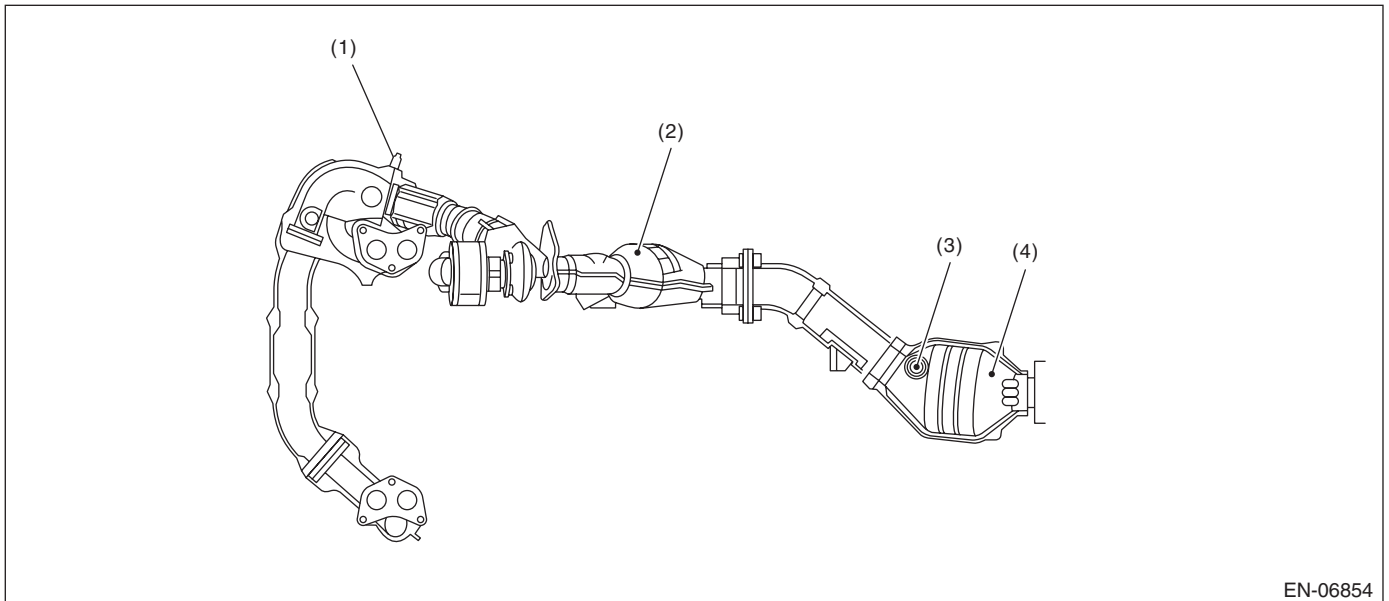
EN-06149



EN-05373

Electrical Component Location

ENGINE (DIAGNOSTICS)

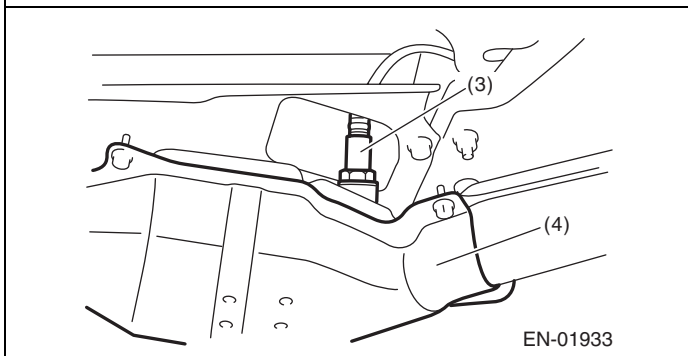
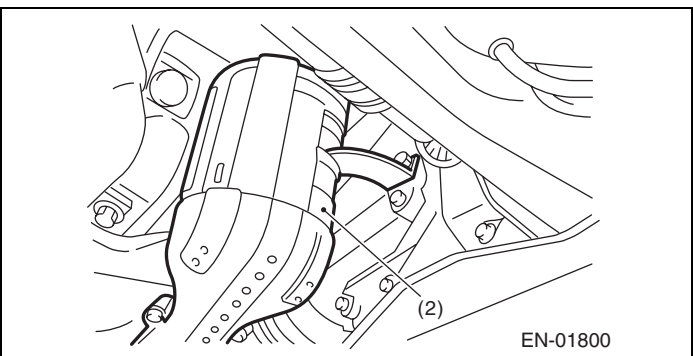
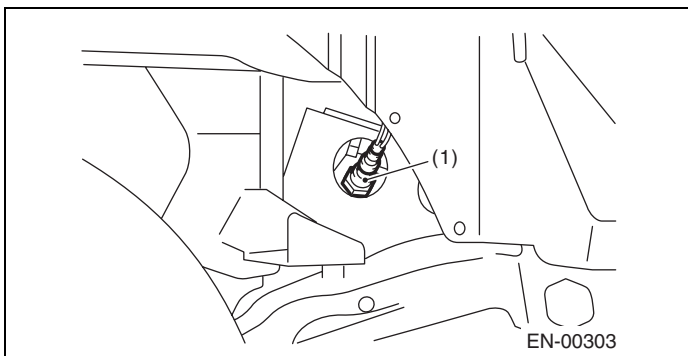


(1) Front oxygen (A/F) sensor

(3) Rear oxygen sensor

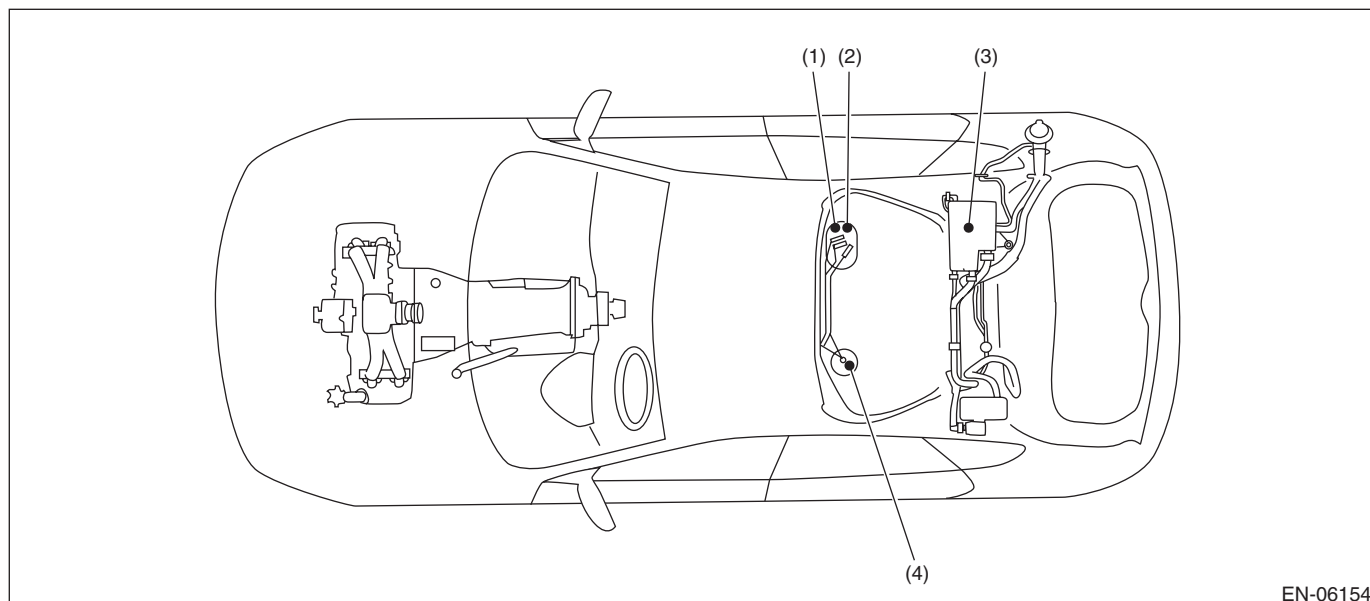
(4) Rear catalytic converter

(2) Front catalytic converter

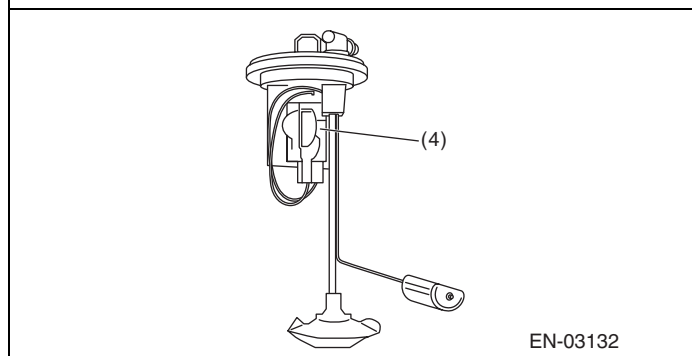
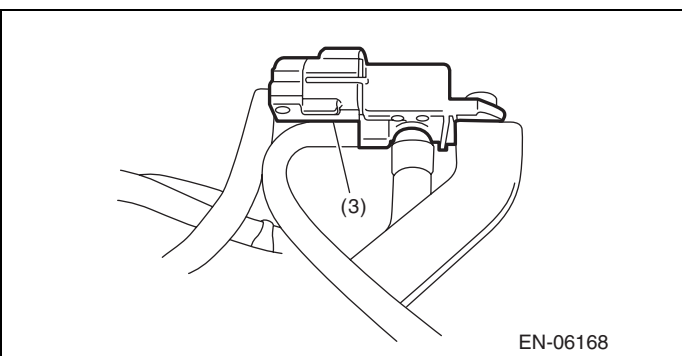
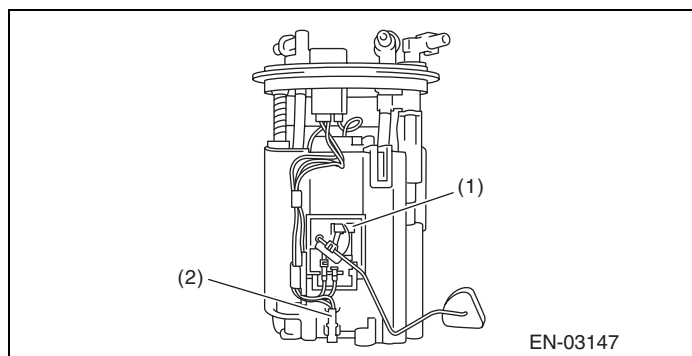


Electrical Component Location

ENGINE (DIAGNOSTICS)



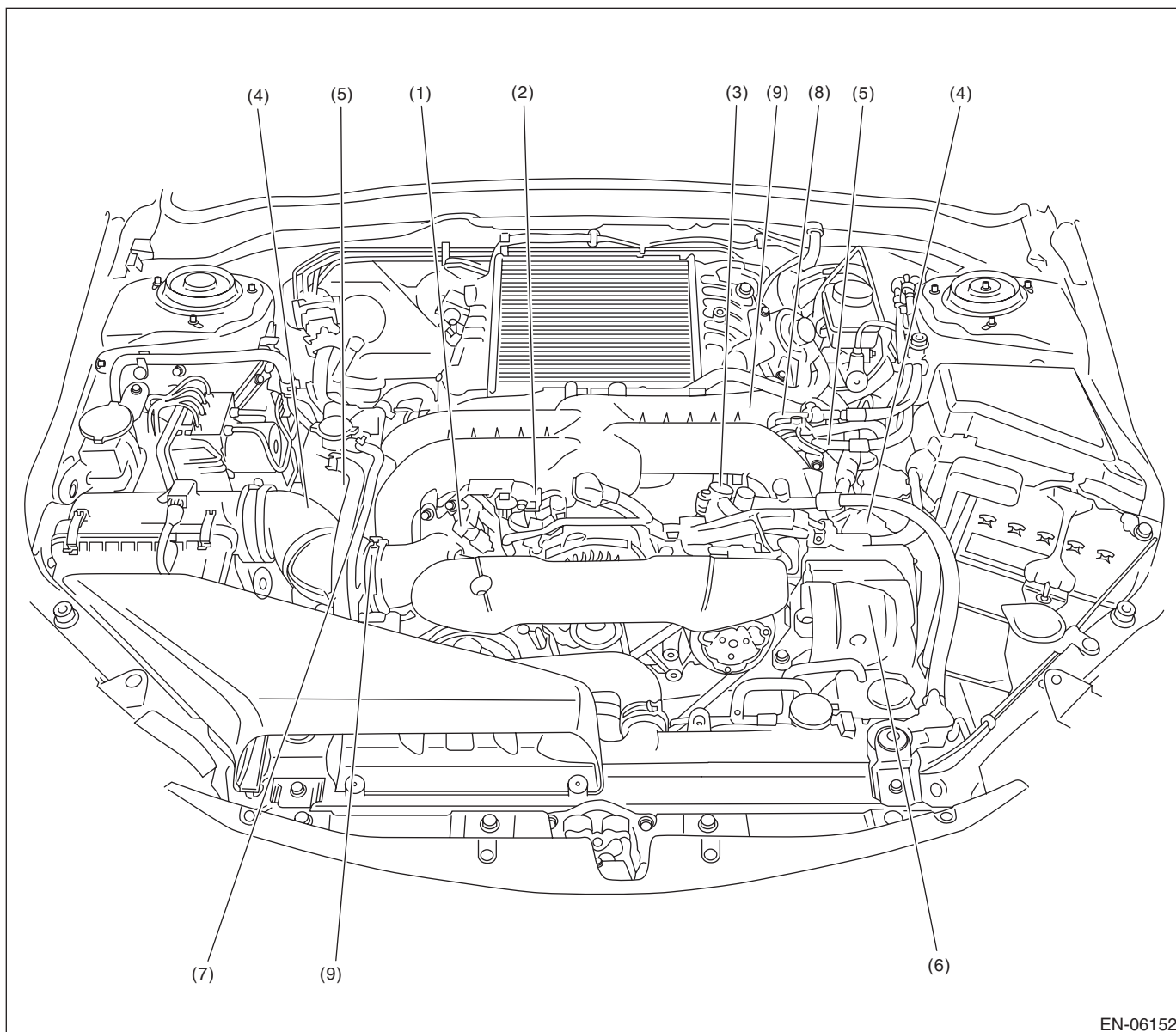
- | | | |
|-----------------------------|-------------------------------|---------------------------|
| (1) Fuel level sensor | (3) Fuel tank pressure sensor | (4) Fuel sub level sensor |
| (2) Fuel temperature sensor | | |



Electrical Component Location

ENGINE (DIAGNOSTICS)

3. SOLENOID VALVE, ACTUATOR, EMISSION CONTROL SYSTEM PARTS AND IGNITION SYSTEM PARTS

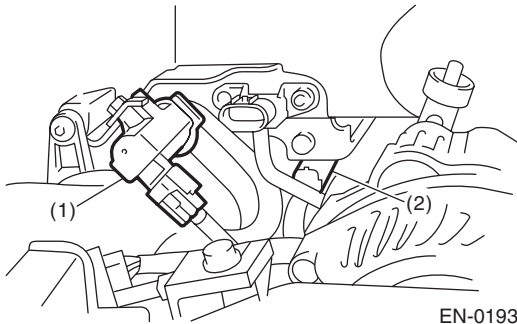


EN-06152

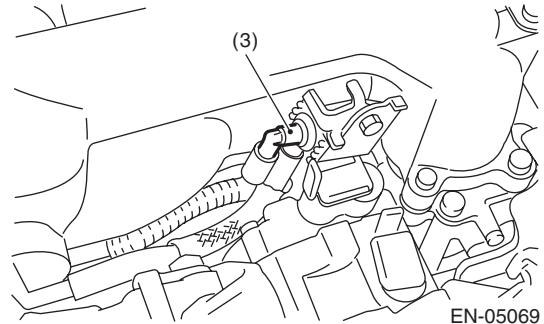
- | | | |
|--------------------------------------|--|--|
| (1) Wastegate control solenoid valve | (4) Ignition coil | (7) Secondary air combination valve RH |
| (2) Purge control solenoid valve 2 | (5) Intake oil flow control solenoid valve | (8) Secondary air combination valve LH |
| (3) Purge control solenoid valve 1 | (6) Secondary air pump | (9) Tumble generator valve ASSY |

Electrical Component Location

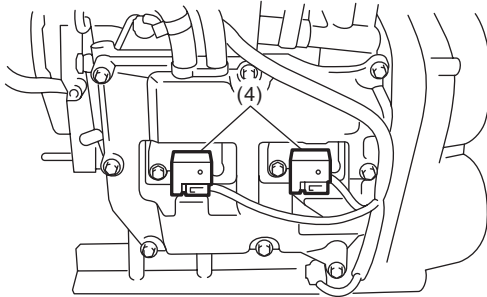
ENGINE (DIAGNOSTICS)



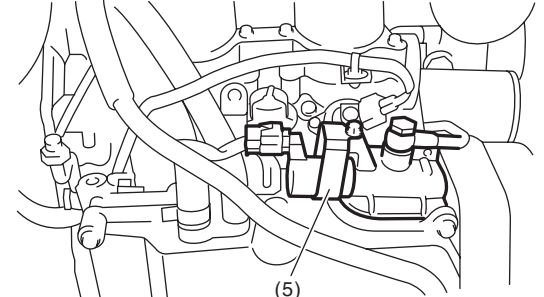
EN-01935



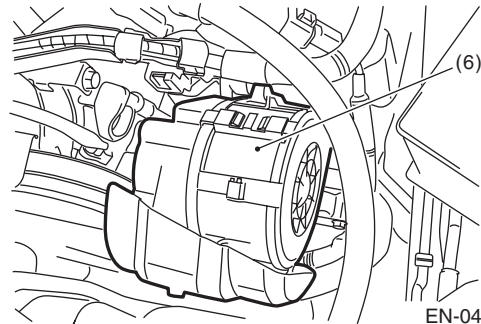
EN-05069



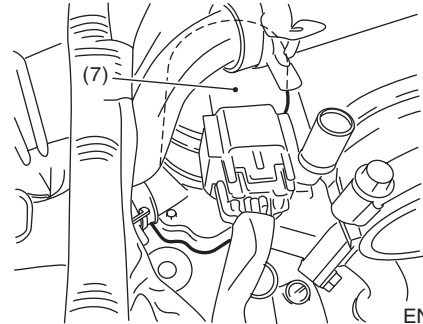
EN-05070



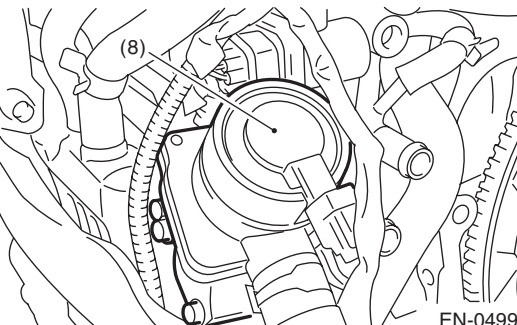
EN-05071



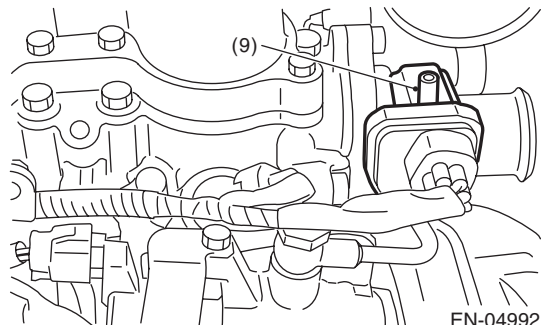
EN-04936



EN-04990



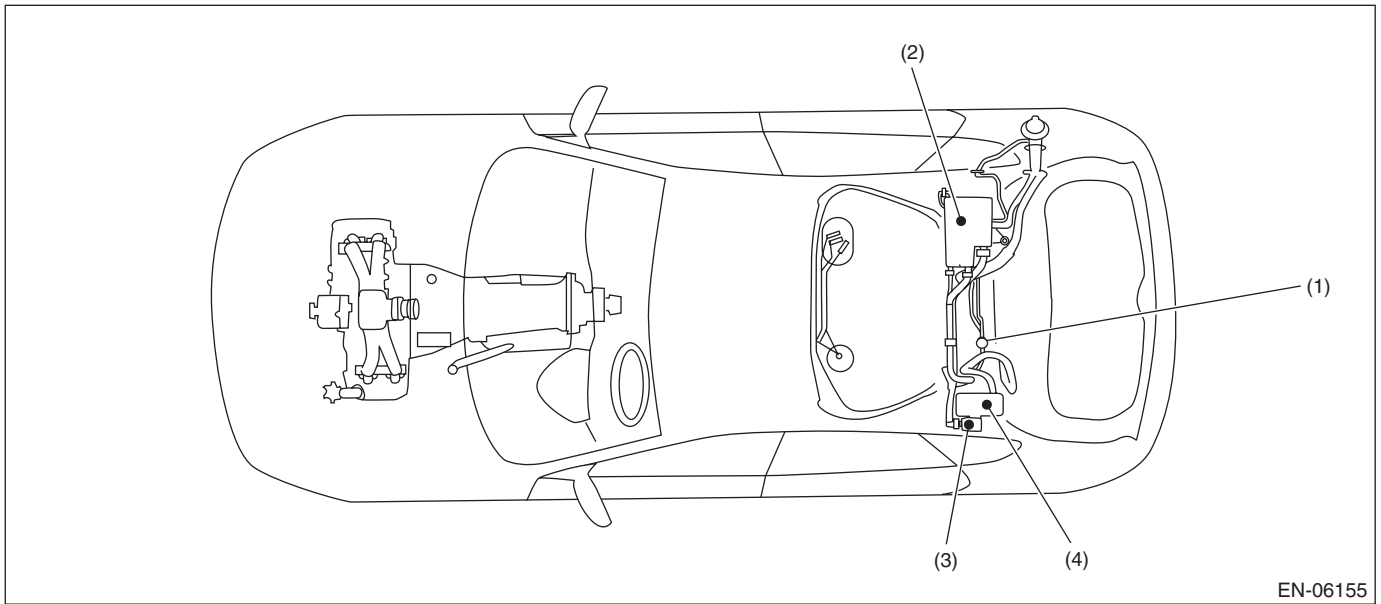
EN-04991



EN-04992

Electrical Component Location

ENGINE (DIAGNOSTICS)

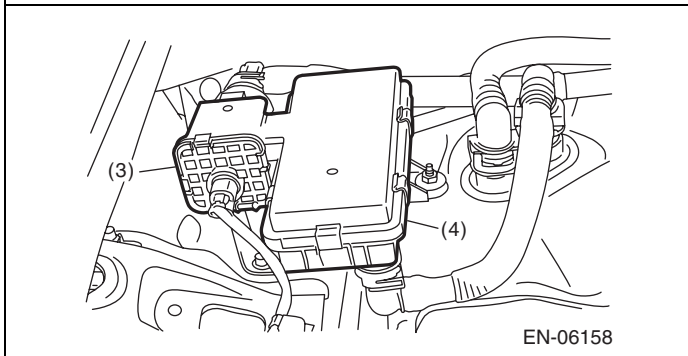
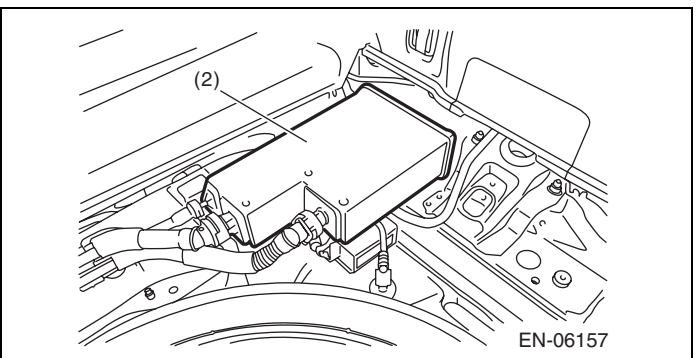
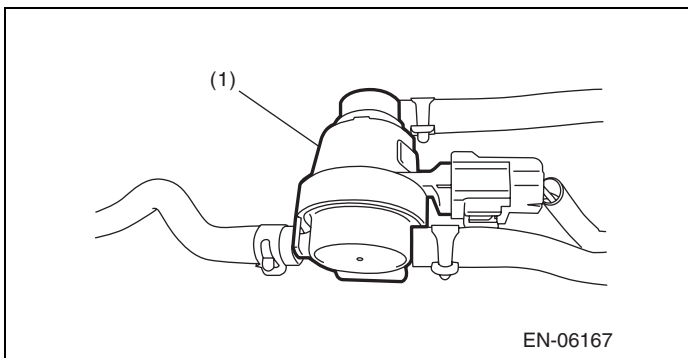


(1) Pressure control solenoid valve

(3) Drain valve

(4) Drain filter

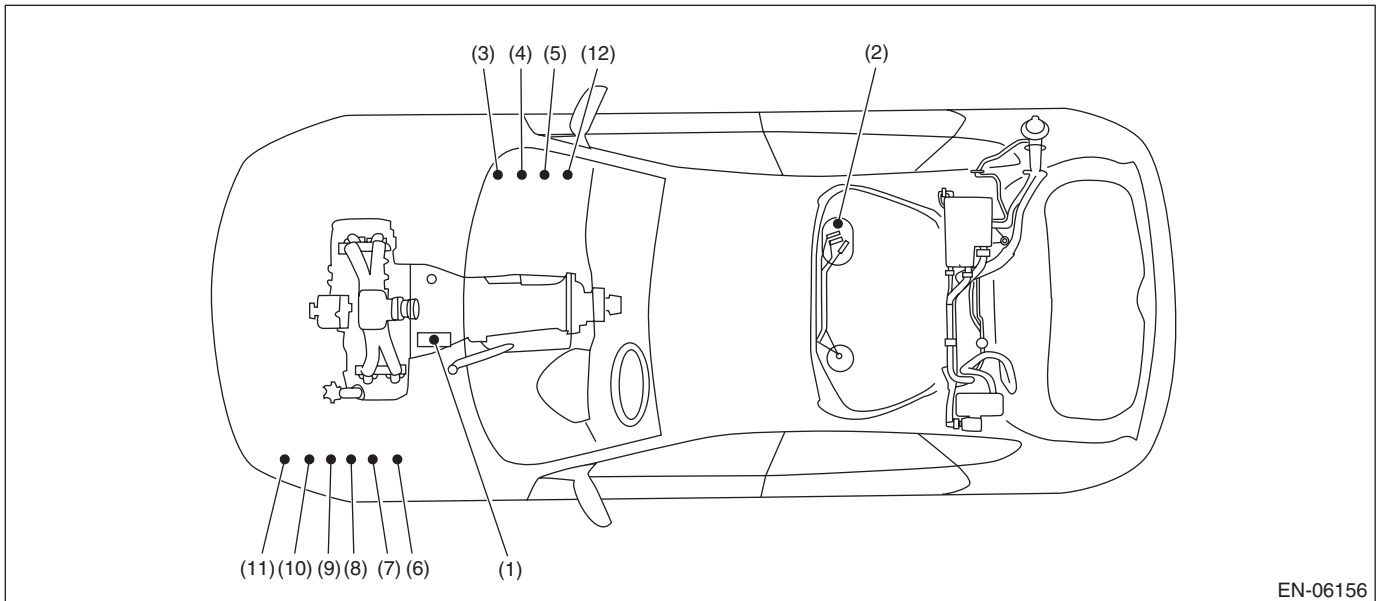
(2) Canister



SUBARU®

Electrical Component Location

ENGINE (DIAGNOSTICS)



- | | | |
|---------------------|---------------------------------------|--|
| (1) Starter | (5) Electronic throttle control relay | (9) Secondary air combination valve relay 1 |
| (2) Fuel pump | (6) Radiator main fan relay 1 | (10) Secondary air combination valve relay 2 |
| (3) Main relay | (7) Radiator sub fan relay | (11) Secondary air pump relay |
| (4) Fuel pump relay | (8) Radiator main fan relay 2 | (12) A/F, oxygen sensor relay |

