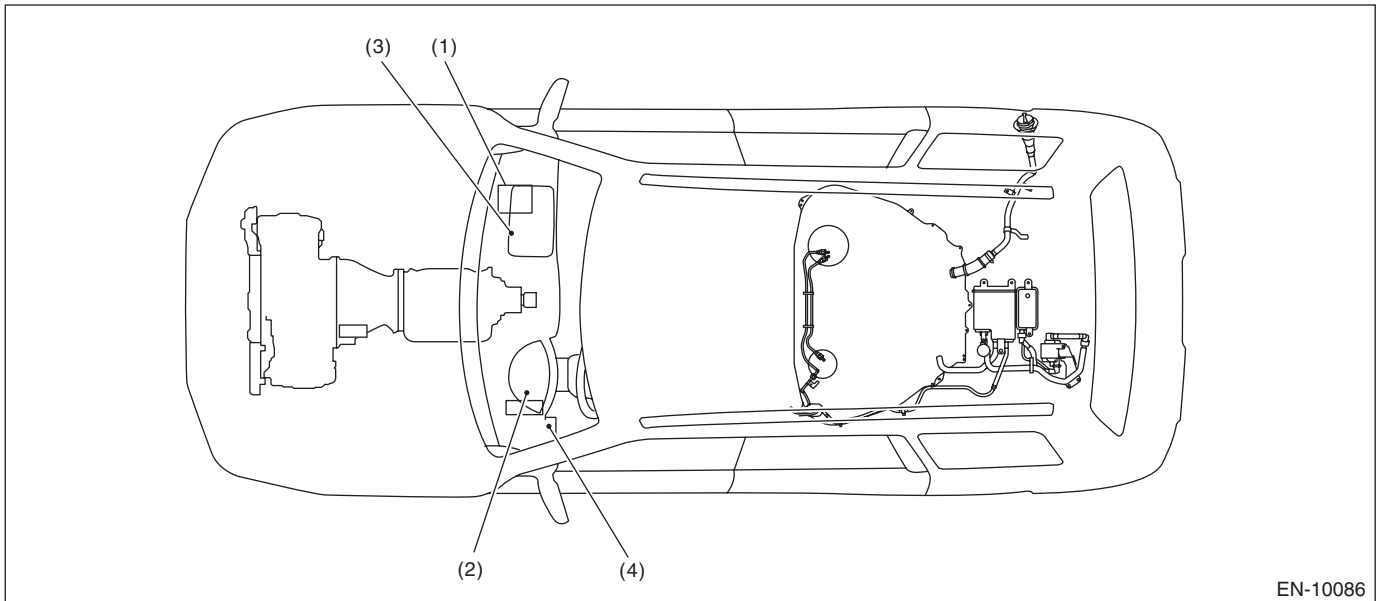


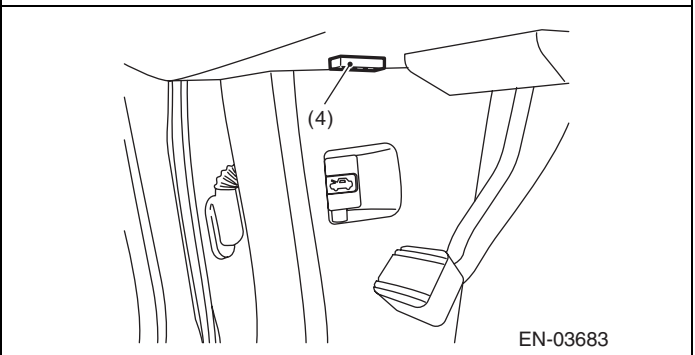
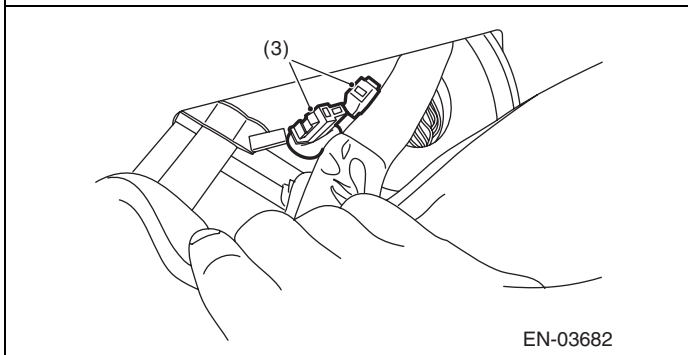
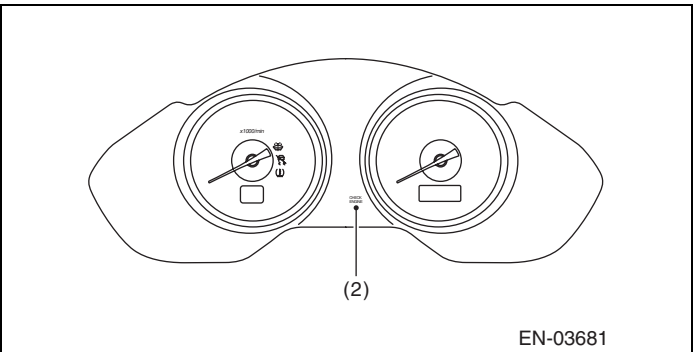
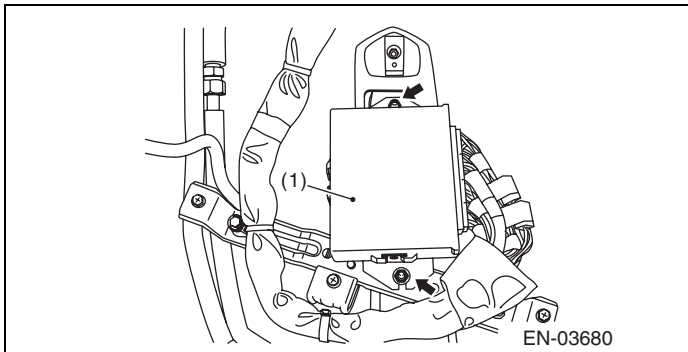
4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



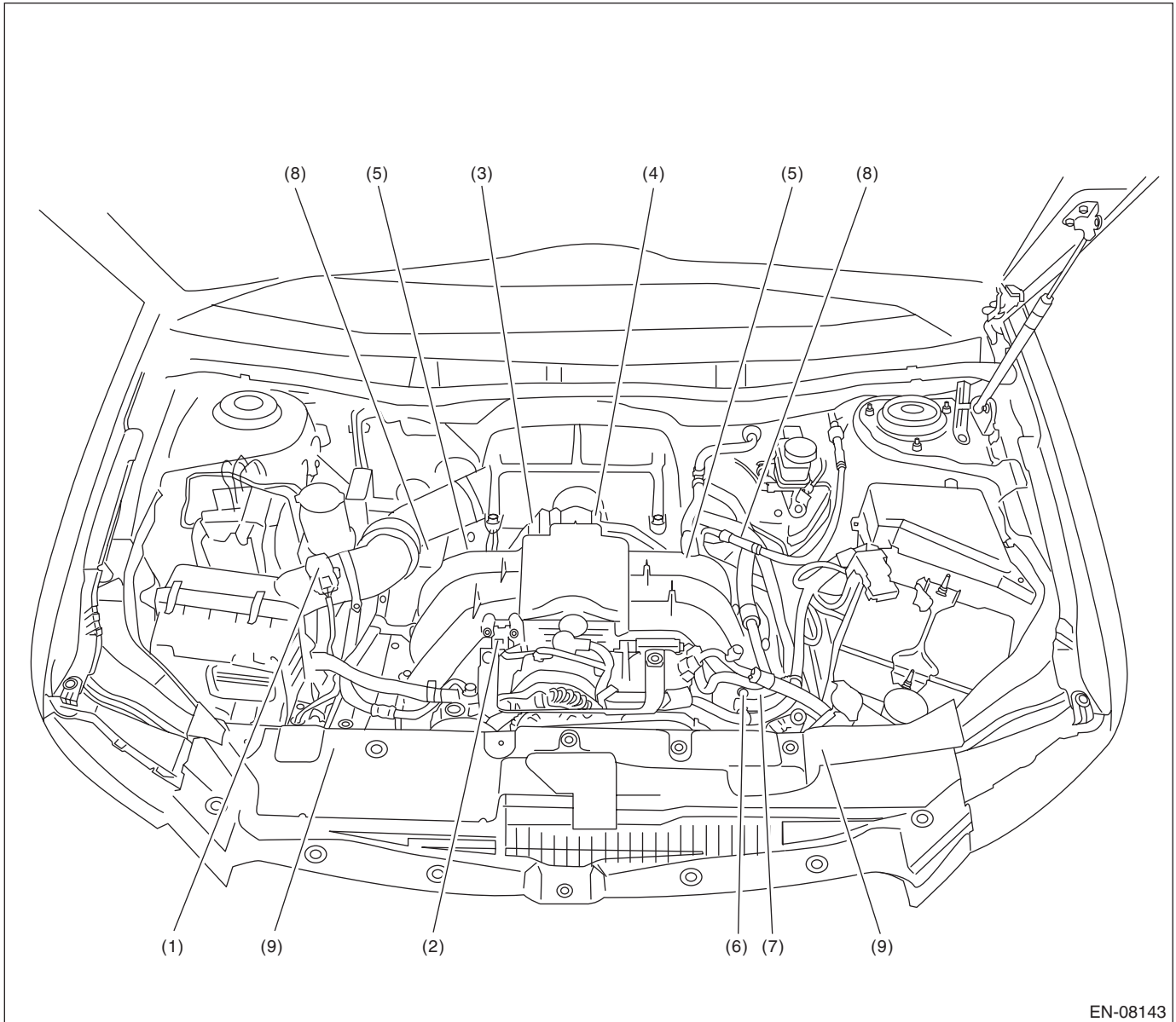
- (1) Engine control module (ECM) (3) Delivery (test) mode connector (4) Data link connector
 (2) Malfunction indicator light



Electrical Component Location

ENGINE (DIAGNOSTICS)

2. SENSOR

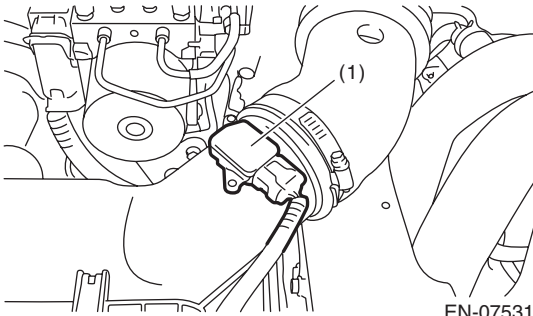


EN-08143

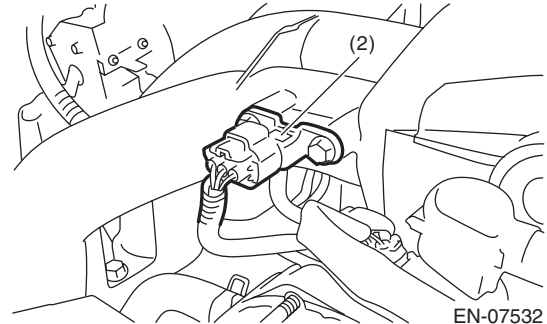
- | | | |
|---|---------------------------------------|--------------------------------------|
| (1) Mass air flow and intake air temperature sensor | (4) Crankshaft position sensor | (7) Engine oil temperature sensor |
| (2) Manifold absolute pressure sensor | (5) Knock sensor | (8) Intake camshaft position sensor |
| (3) Electronic throttle control | (6) Engine coolant temperature sensor | (9) Exhaust camshaft position sensor |

Electrical Component Location

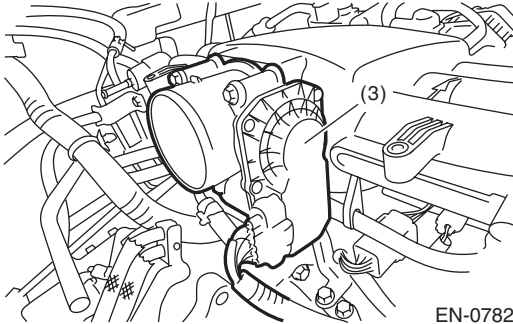
ENGINE (DIAGNOSTICS)



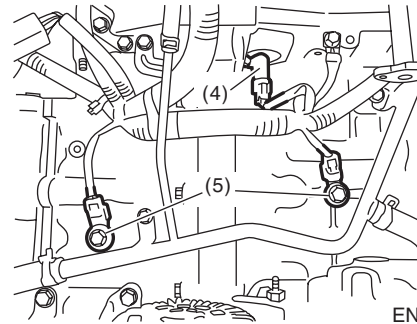
EN-07531



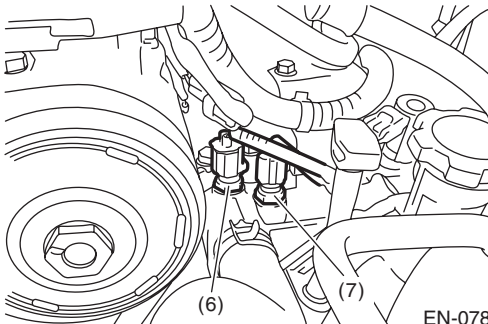
EN-07532



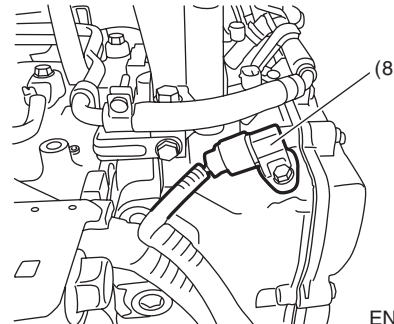
EN-07829



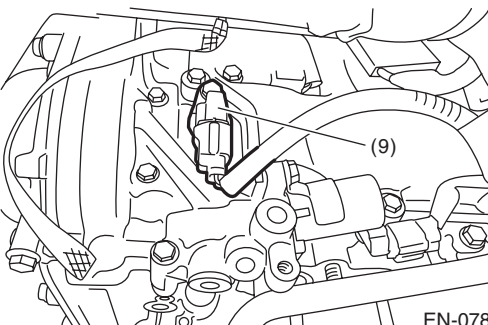
EN-07830



EN-07831



EN-07832

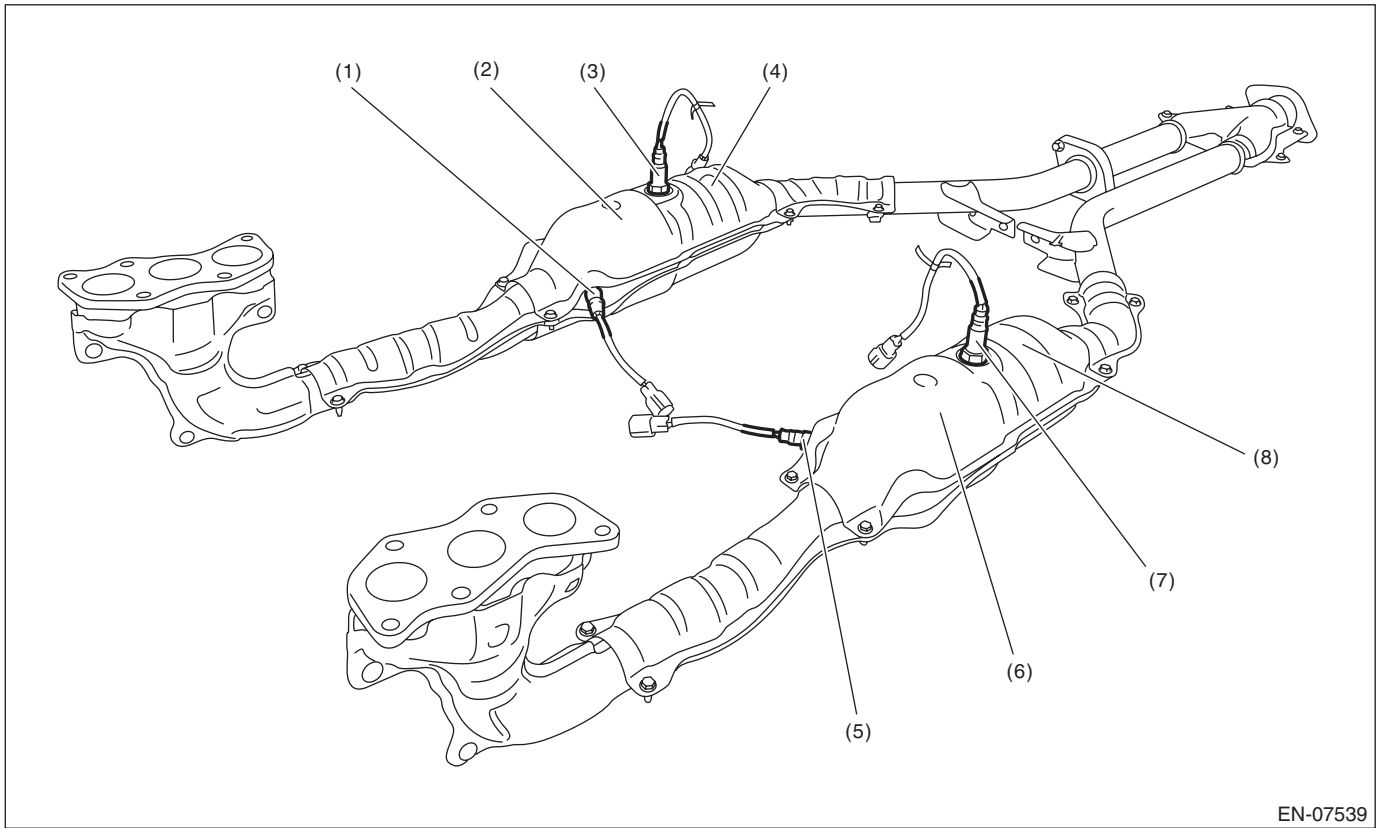


EN-07833

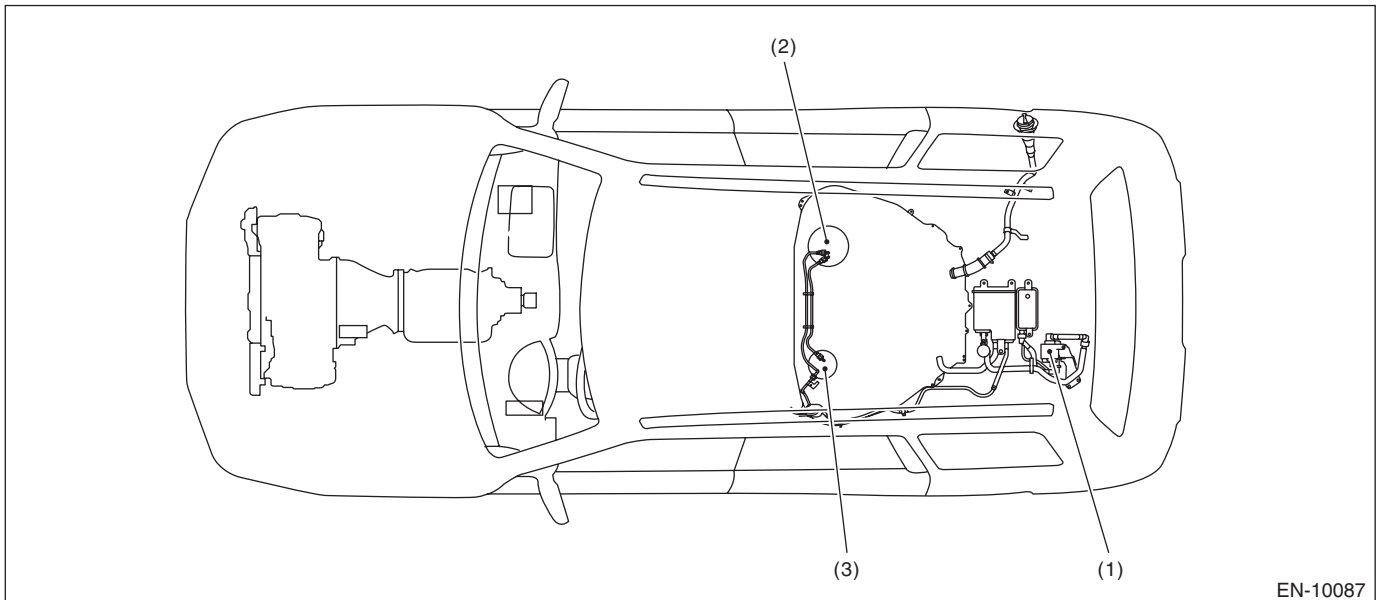
SUBARU.

Electrical Component Location

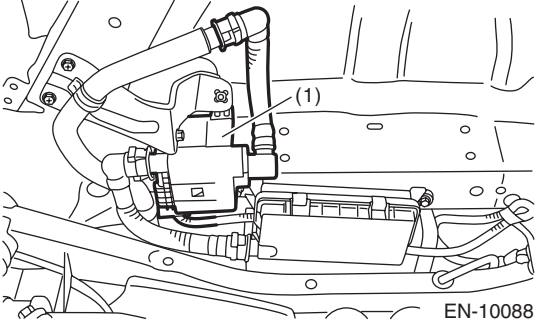
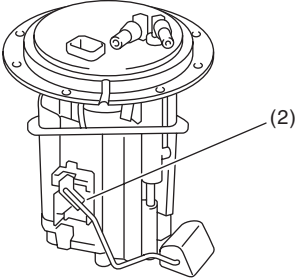
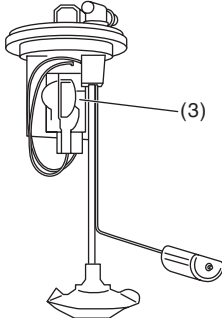
ENGINE (DIAGNOSTICS)



- | | | |
|----------------------------------|----------------------------------|---------------------------------|
| (1) Front oxygen (A/F) sensor RH | (4) Rear catalytic converter RH | (7) Rear oxygen sensor LH |
| (2) Front catalytic converter RH | (5) Front oxygen (A/F) sensor LH | (8) Rear catalytic converter LH |
| (3) Rear oxygen sensor RH | (6) Front catalytic converter LH | |



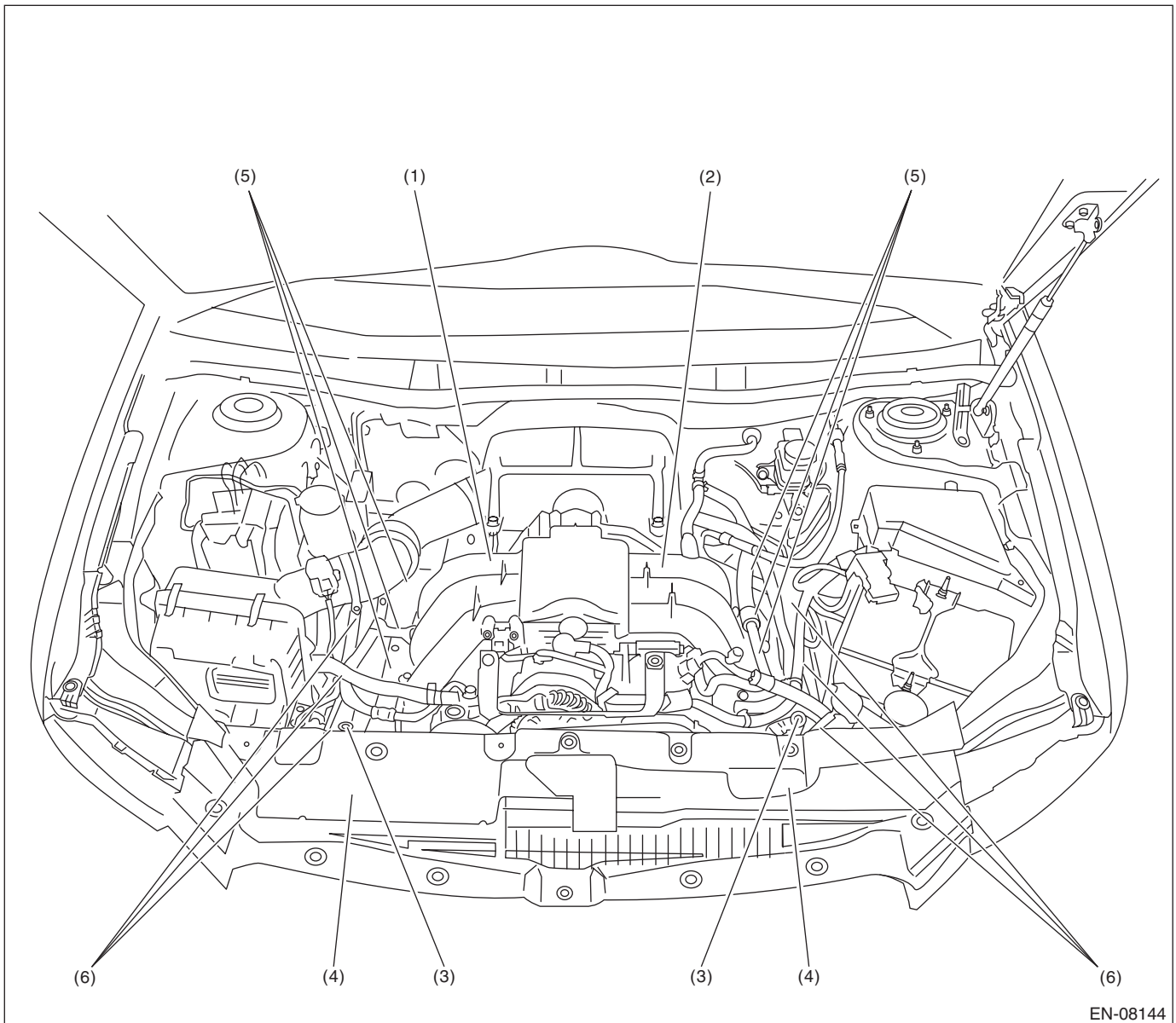
- | | | |
|---|-----------------------|---------------------------|
| (1) Leak check valve ASSY (with built-in pressure sensor) | (2) Fuel level sensor | (3) Fuel sub level sensor |
|---|-----------------------|---------------------------|

 EN-10088	 EN-10089
 EN-10090	SUBARU.

Electrical Component Location

ENGINE (DIAGNOSTICS)

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



(1) Purge control solenoid valve

(3) Intake oil flow control solenoid valve

(5) Fuel injector

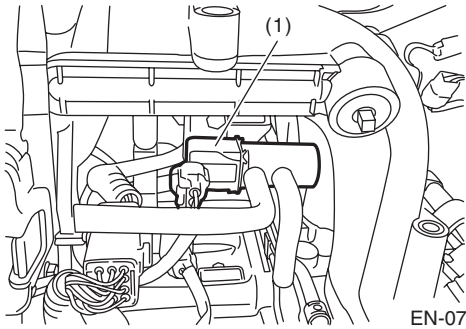
(2) EGR control valve

(4) Exhaust oil flow control solenoid valve

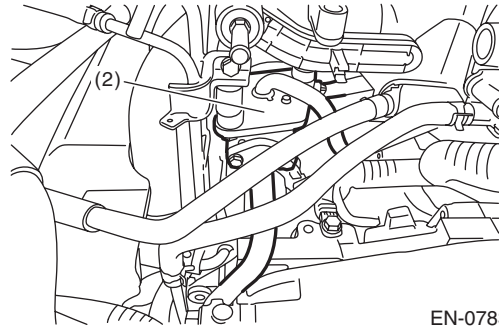
(6) Ignition coil

Electrical Component Location

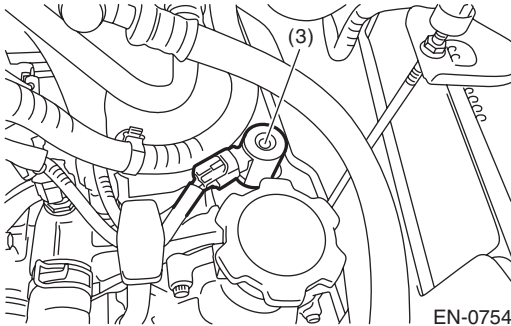
ENGINE (DIAGNOSTICS)



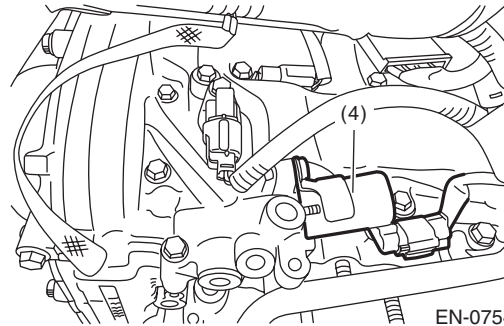
EN-07836



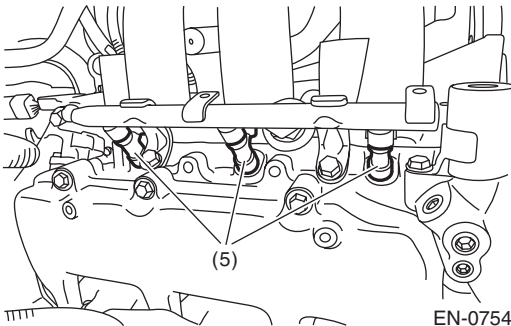
EN-07837



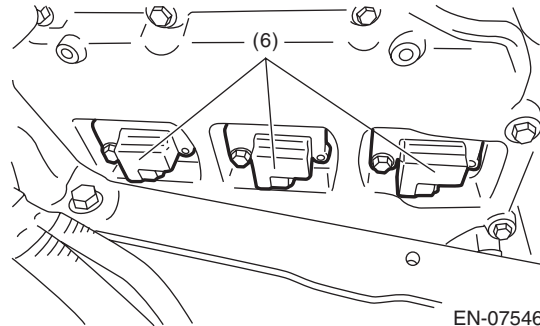
EN-07543



EN-07544



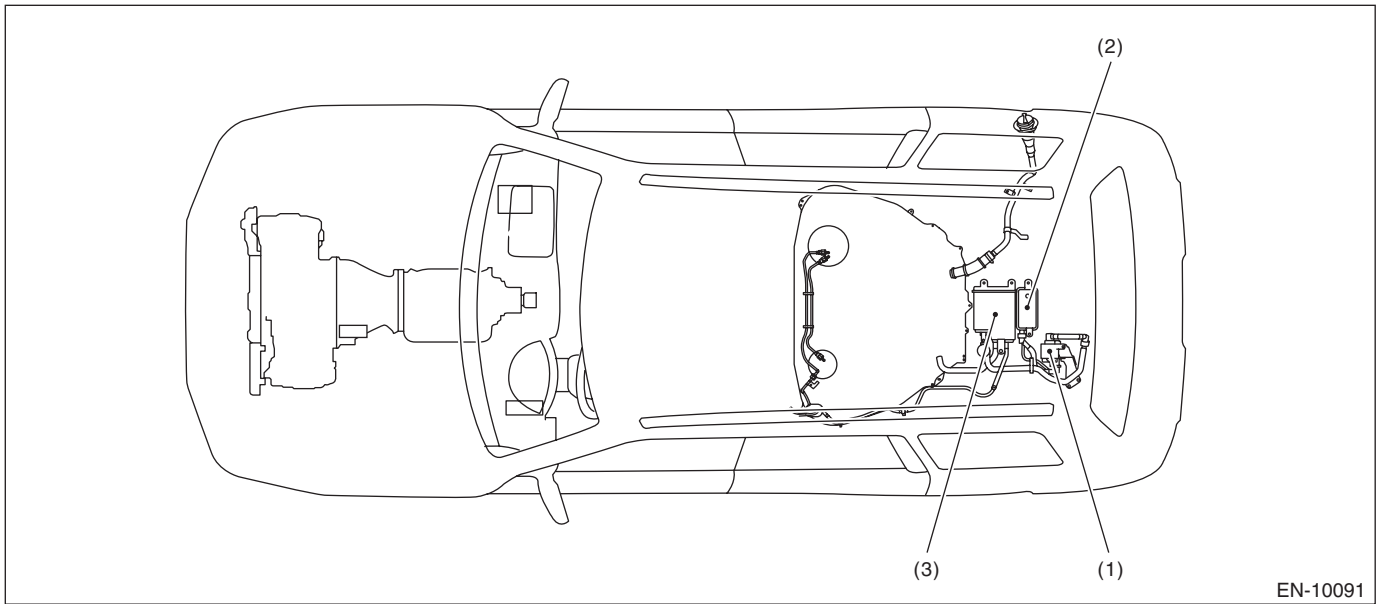
EN-07545



EN-07546

Electrical Component Location

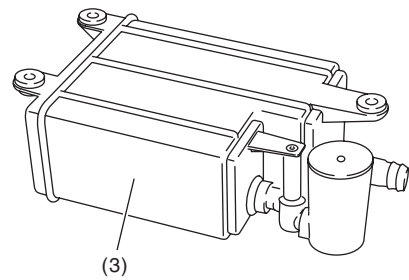
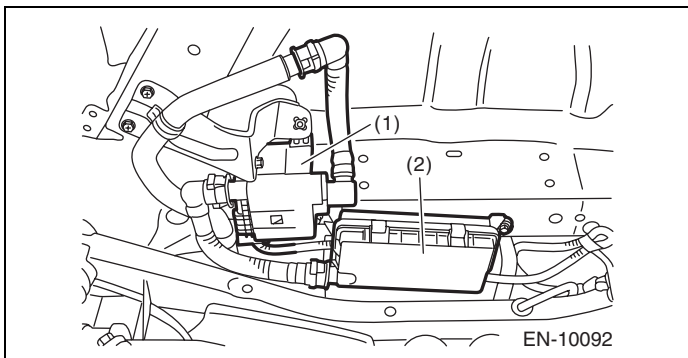
ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

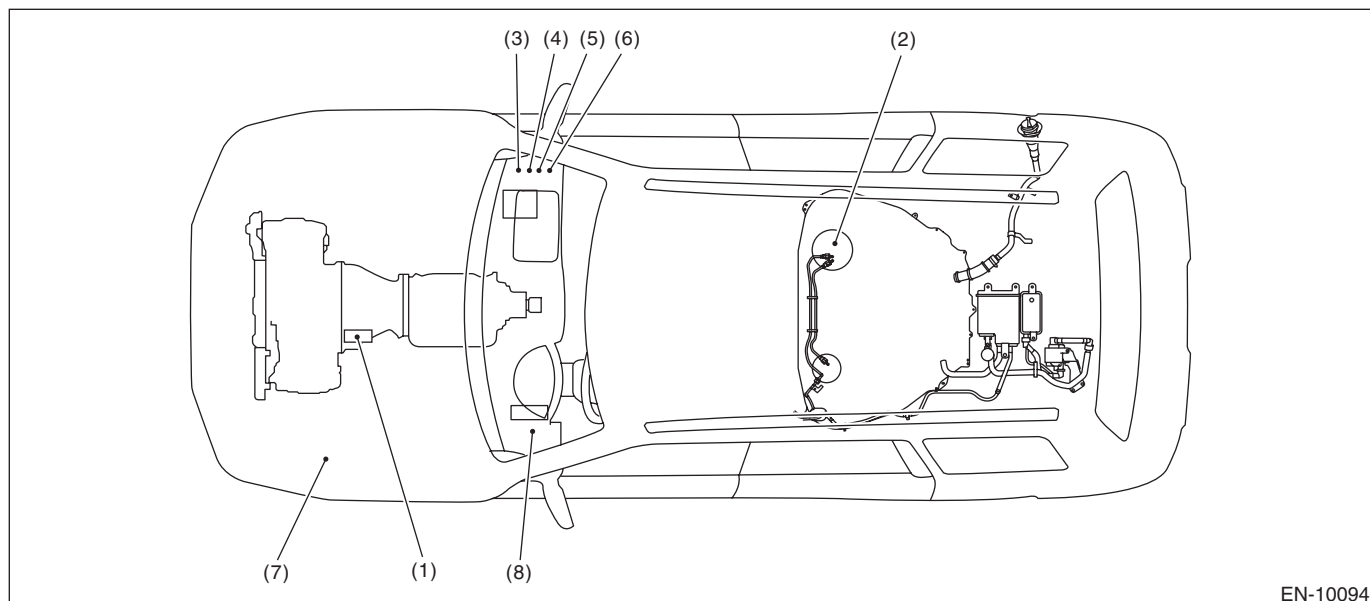
(2) Drain filter

(3) Canister



Electrical Component Location

ENGINE (DIAGNOSTICS)



- | | | |
|------------------|---------------------------------------|--------------------|
| (1) Starter | (4) Main relay | (7) Main fan relay |
| (2) Fuel pump | (5) Electronic throttle control relay | (8) Starter relay |
| (3) Main relay 2 | (6) Fuel pump relay | |

