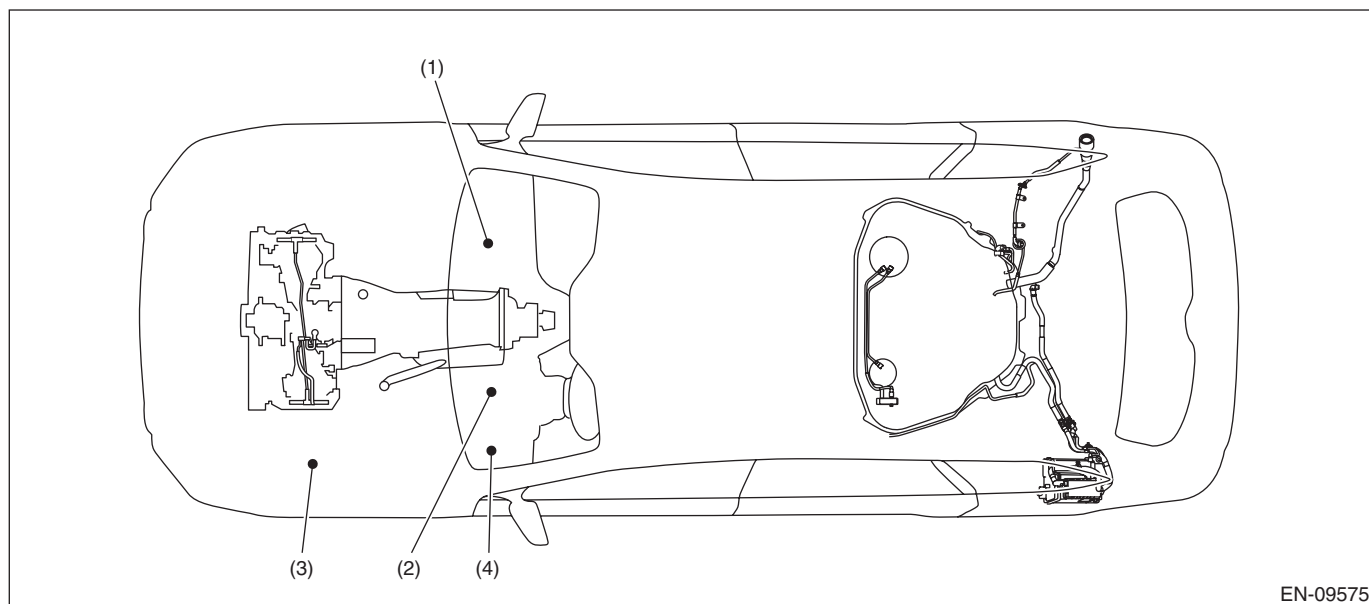


4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



(1) Engine control module (ECM)

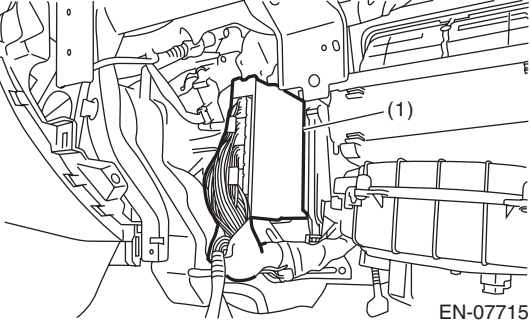
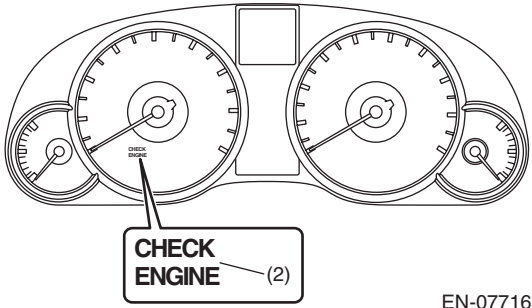
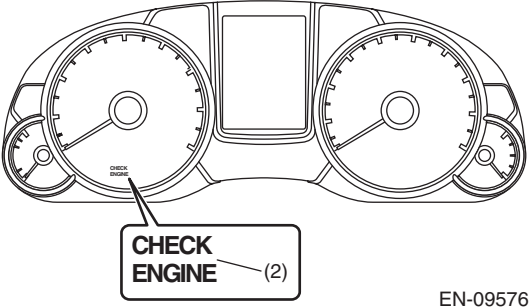
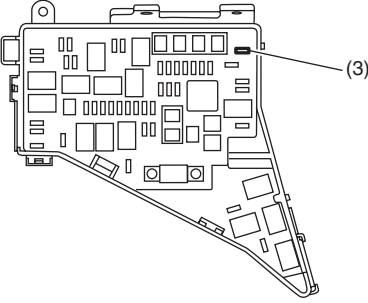
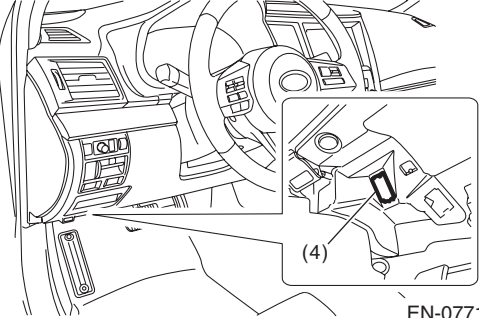
(3) Delivery (test) mode fuse

(4) Data link connector

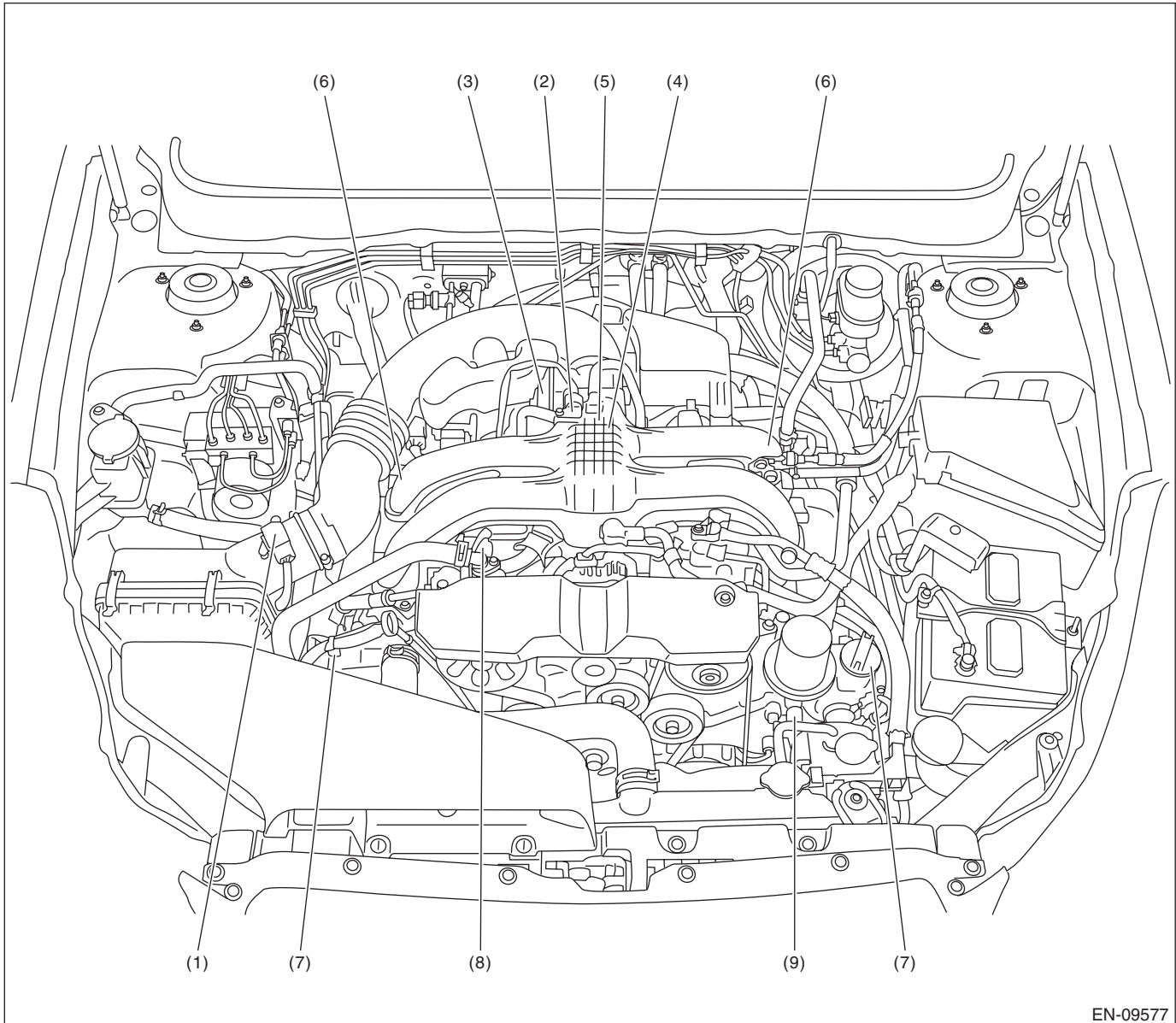
(2) Malfunction indicator light

Electrical Component Location

ENGINE (DIAGNOSTICS)

 EN-07715	• Normal meter  EN-07716
• Luminescent meter  EN-09576	 EN-07511
 EN-07717	SUBARU

2. SENSOR



EN-09577

- | | | |
|---|---|---------------------------------------|
| (1) Mass air flow and intake air temperature sensor | (4) Knock sensor | (7) Intake camshaft position sensor |
| (2) Manifold absolute pressure sensor | (5) Crankshaft position sensor | (8) Engine coolant temperature sensor |
| (3) Electronic throttle control | (6) Tumble generator valve actuators (with built-in opening angle switch) | (9) Engine oil temperature sensor |

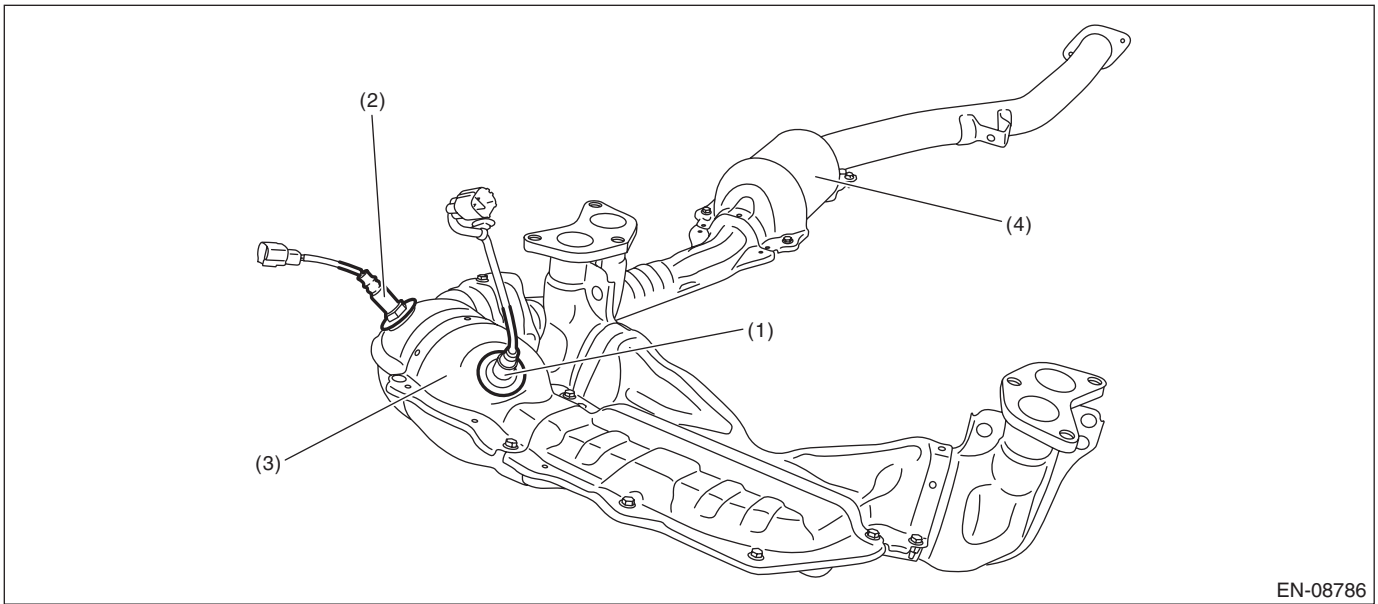
Electrical Component Location

ENGINE (DIAGNOSTICS)

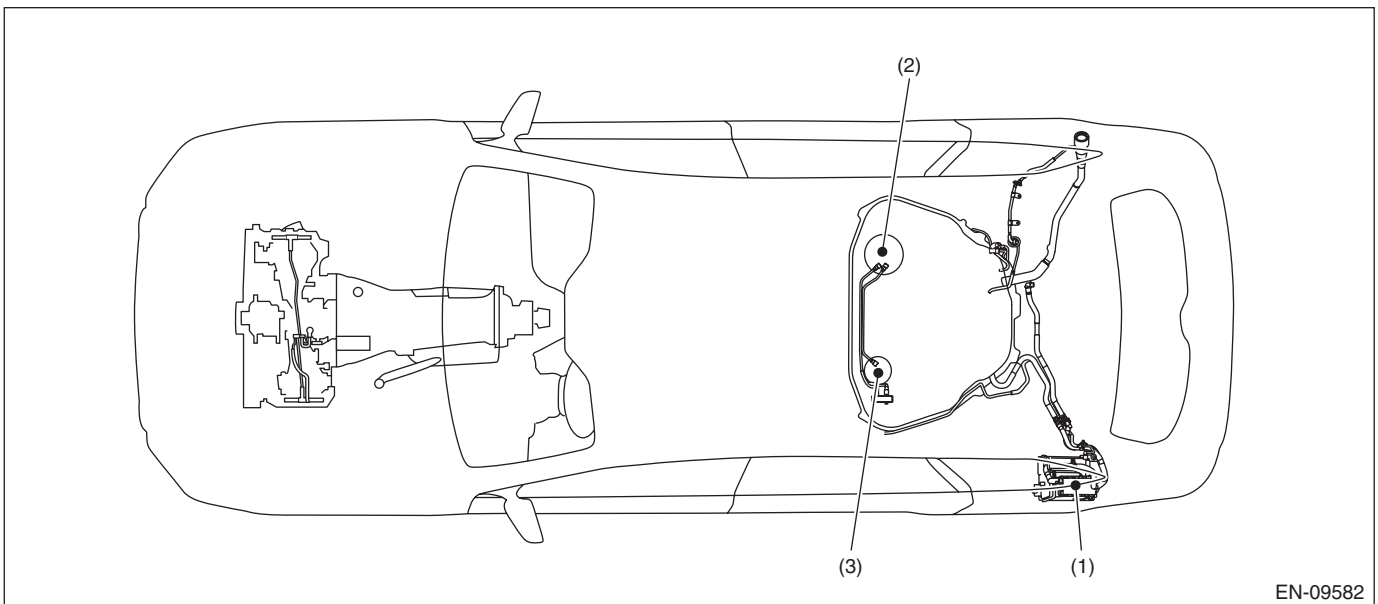
EN-09578	EN-08780
EN-08781	EN-08782
EN-09579	EN-09580
EN-09581	SUBARU.

Electrical Component Location

ENGINE (DIAGNOSTICS)



- (1) Front oxygen (A/F) sensor
- (2) Rear oxygen sensor
- (3) Front catalytic converter
- (4) Rear catalytic converter



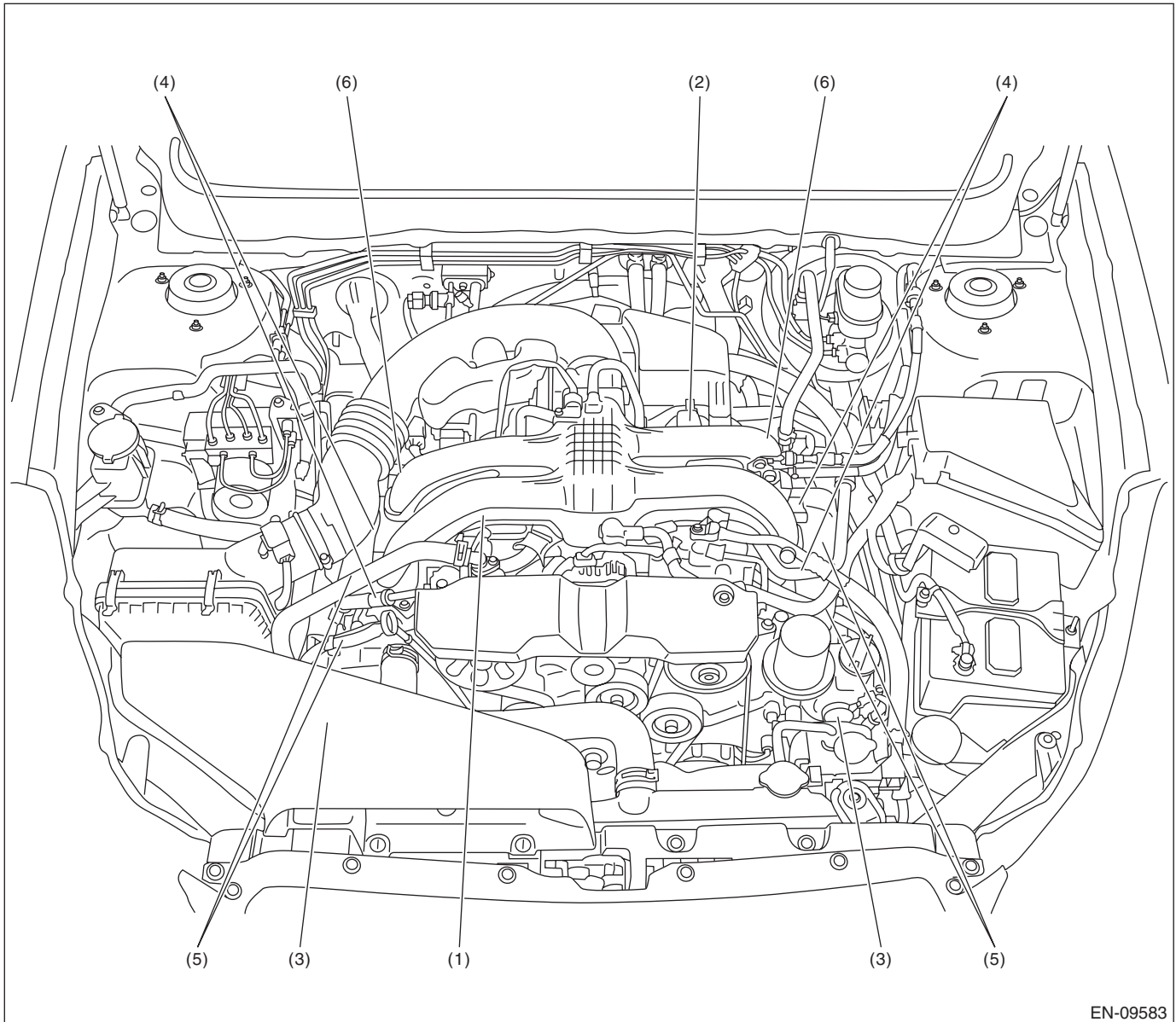
- (1) Leak check valve ASSY (with built-in pressure sensor)
- (2) Fuel level sensor
- (3) Fuel sub level sensor

Electrical Component Location

ENGINE (DIAGNOSTICS)

Diagram showing the location of component (1) on the engine. The component is a rectangular box with various electrical connectors and hoses attached to it. EN-09844	Diagram showing the location of component (2) on the engine. The component is a rectangular box with a circular opening and various electrical connectors and hoses attached to it. EN-08789
Diagram showing the location of component (3) on the engine. The component is a rectangular box with a circular opening and various electrical connectors and hoses attached to it. EN-08790	SUBARU.

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



(1) EGR control valve

(2) Purge control solenoid valve

(3) Intake oil control solenoid

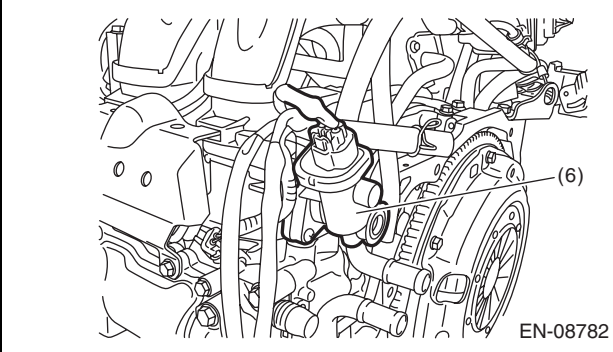
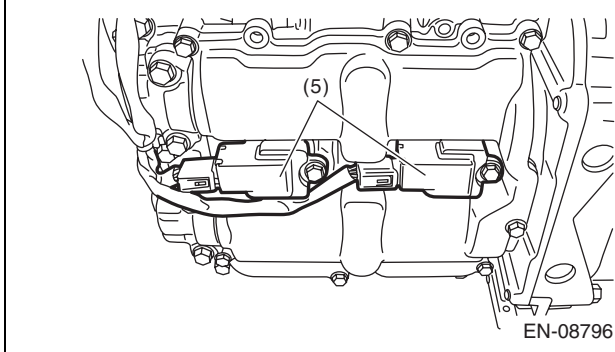
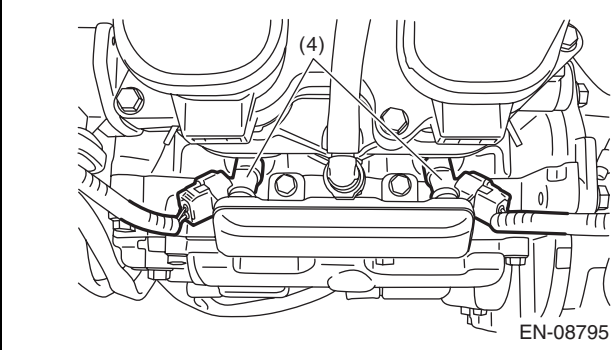
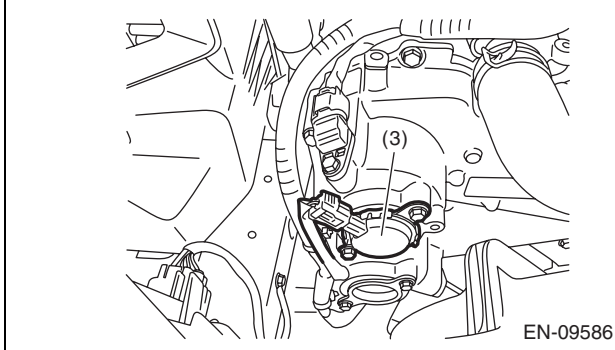
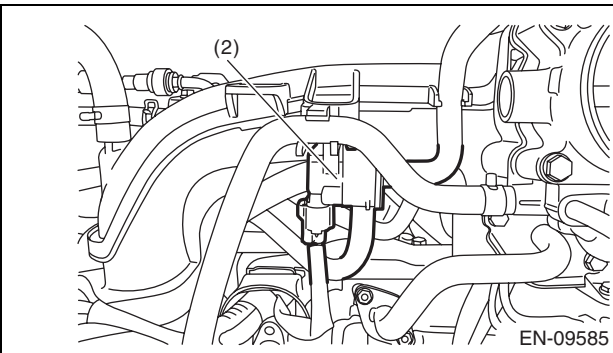
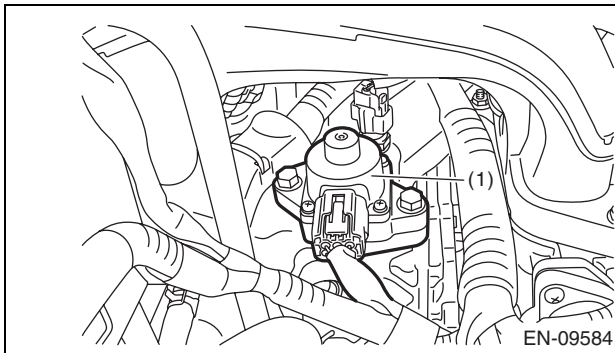
(4) Fuel injector

(5) Ignition coil

(6) Tumble generator valve actuator

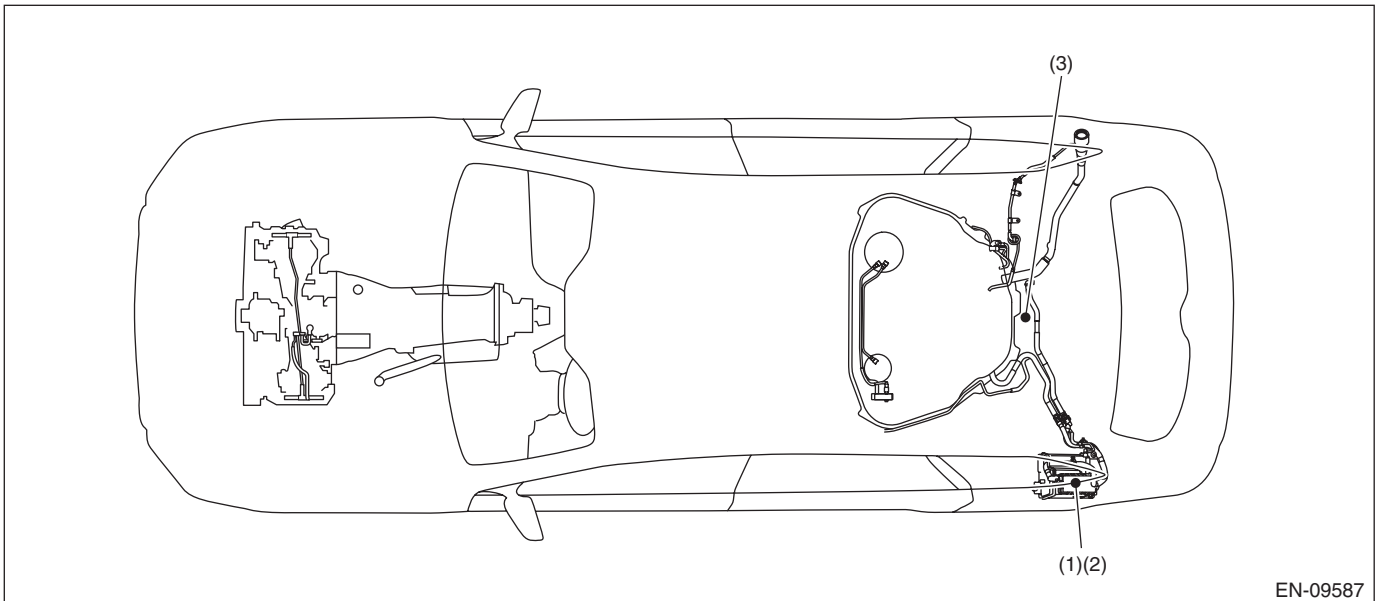
Electrical Component Location

ENGINE (DIAGNOSTICS)



Electrical Component Location

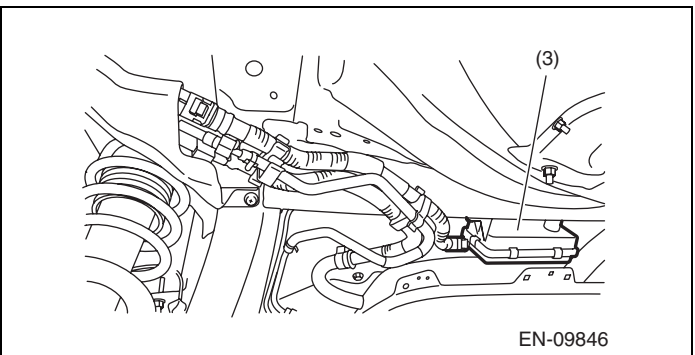
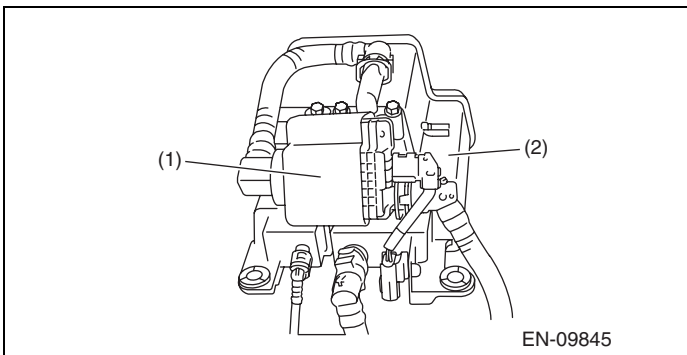
ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

(2) Canister

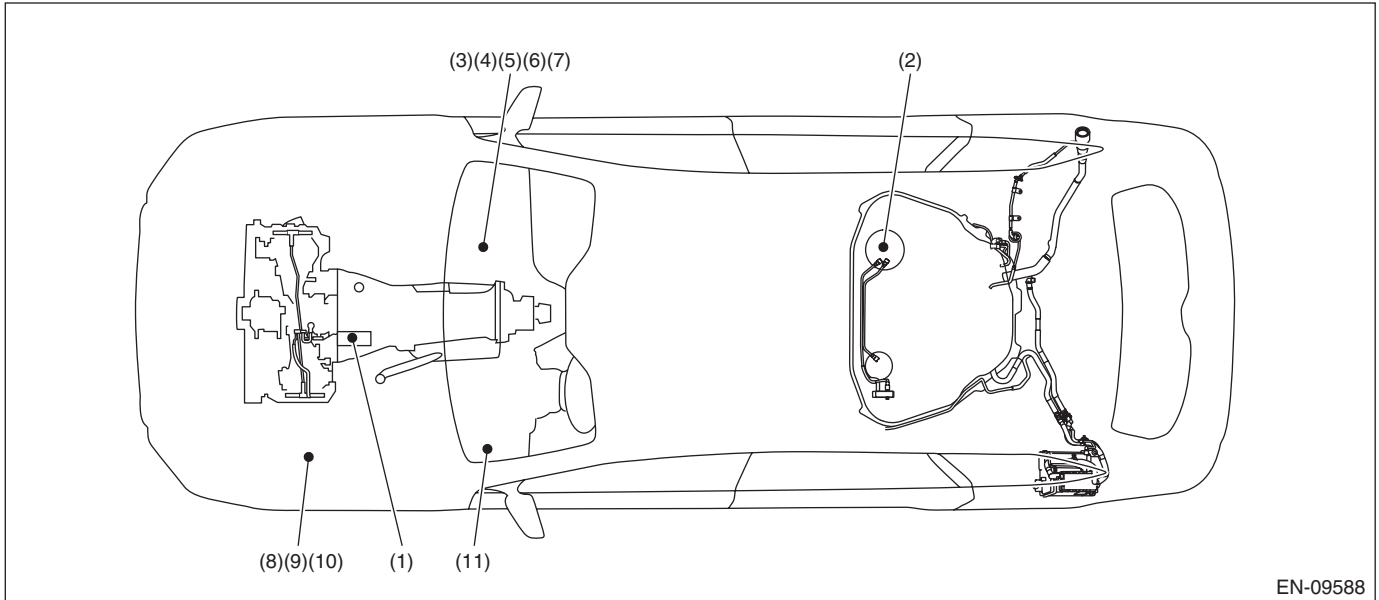
(3) Drain filter



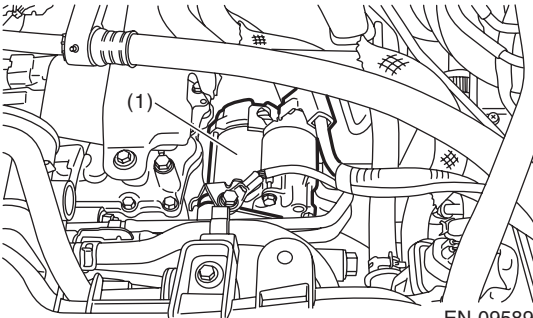
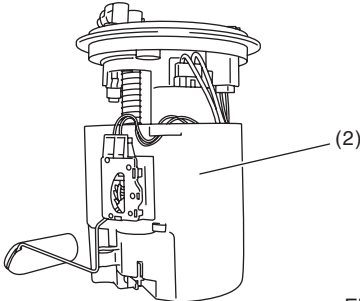
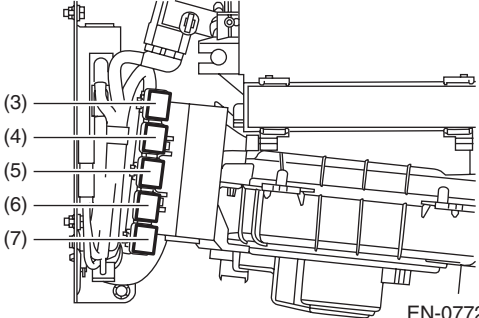
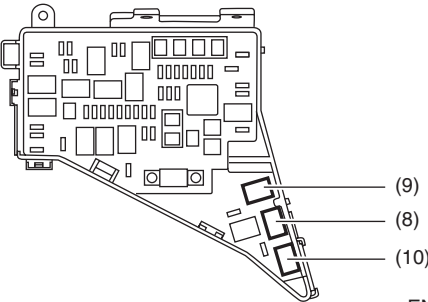
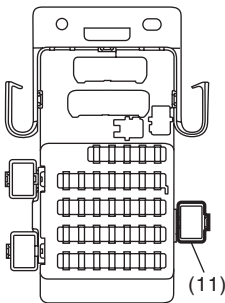
Electrical Component Location

ENGINE (DIAGNOSTICS)

- Model without push button start



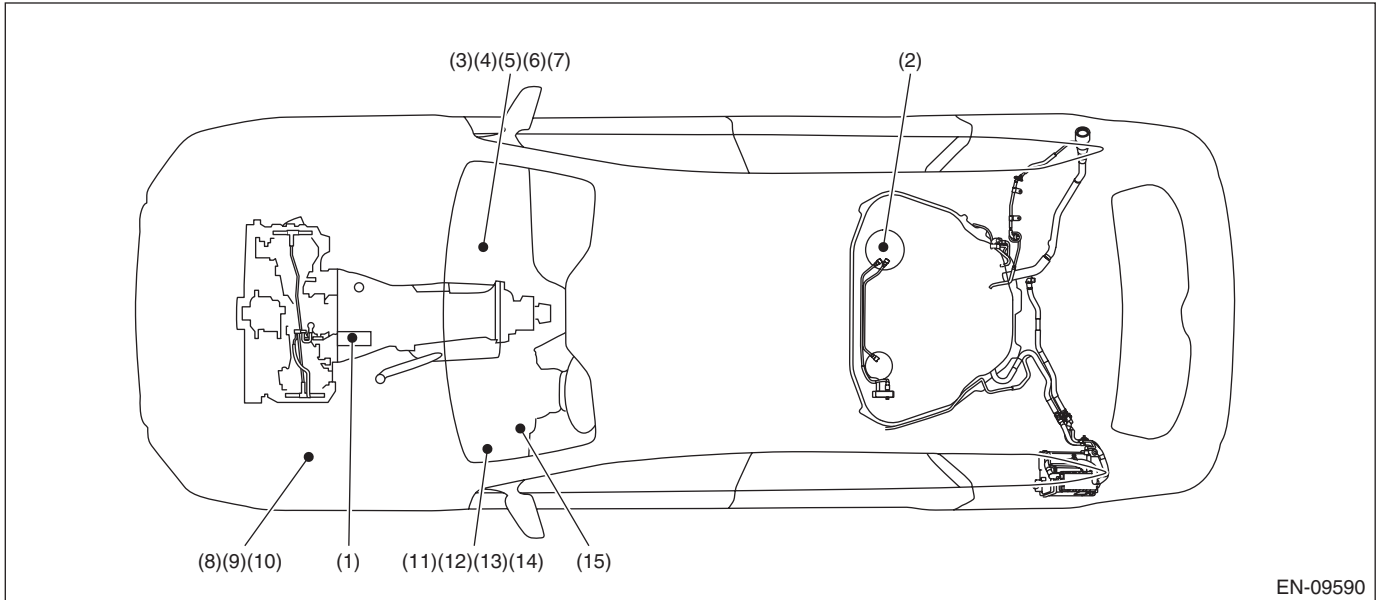
- | | | |
|----------------|---------------------------------------|-------------------------------|
| (1) Starter | (5) A/F, oxygen sensor relay | (9) Radiator main fan relay 2 |
| (2) Fuel pump | (6) Electronic throttle control relay | (10) Radiator sub fan relay |
| (3) Main relay | (7) Fuel pump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

 EN-09589	 EN-08800
 EN-07721	 EN-07514
 EN-07722	

Electrical Component Location

ENGINE (DIAGNOSTICS)

- Model with push button start

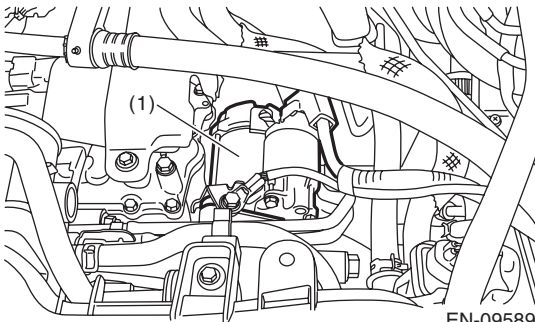
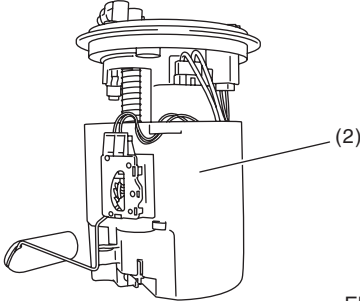
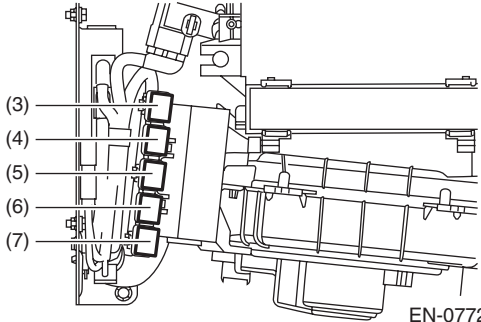
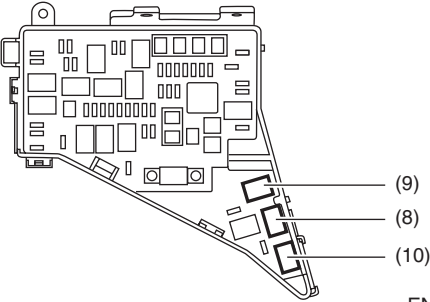
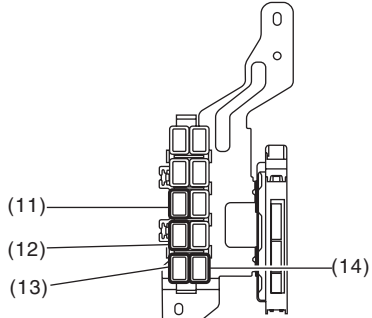
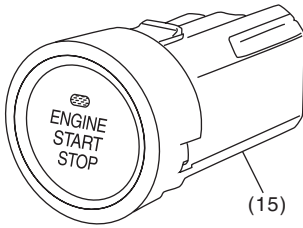


EN-09590

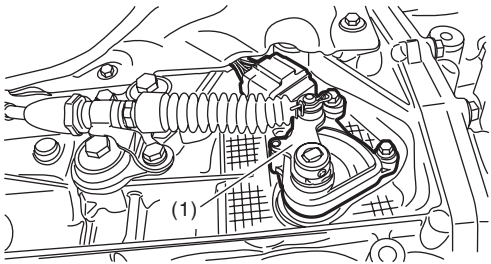
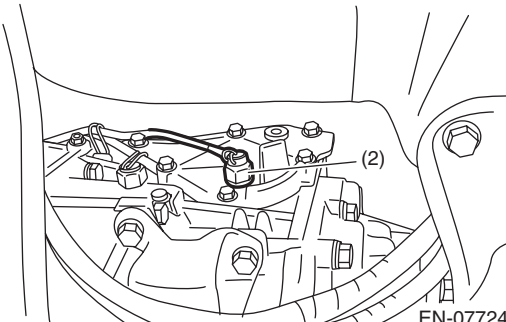
- | | | |
|------------------------------|---------------------------------------|--|
| (1) Starter | (6) Electronic throttle control relay | (11) IG relay 1 (push button start) |
| (2) Fuel pump | (7) Fuel pump relay | (12) Starter relay (push button start) |
| (3) Main relay | (8) Radiator main fan relay 1 | (13) Starter relay |
| (4) IG relay | (9) Radiator main fan relay 2 | (14) Starter cut relay |
| (5) A/F, oxygen sensor relay | (10) Radiator sub fan relay | (15) Push button ignition switch |

Electrical Component Location

ENGINE (DIAGNOSTICS)

 (1) EN-09589	 (2) EN-08800
 (3) (4) (5) (6) (7) EN-07721	 (9) (8) (10) EN-07514
 (11) (12) (13) (14) EN-09772	 (15) EN-07517

4. TRANSMISSION

 (1) EN-09591	 (2) EN-07724
--	---

(1) Inhibitor switch (CVT model)

(2) Neutral position switch (MT model)