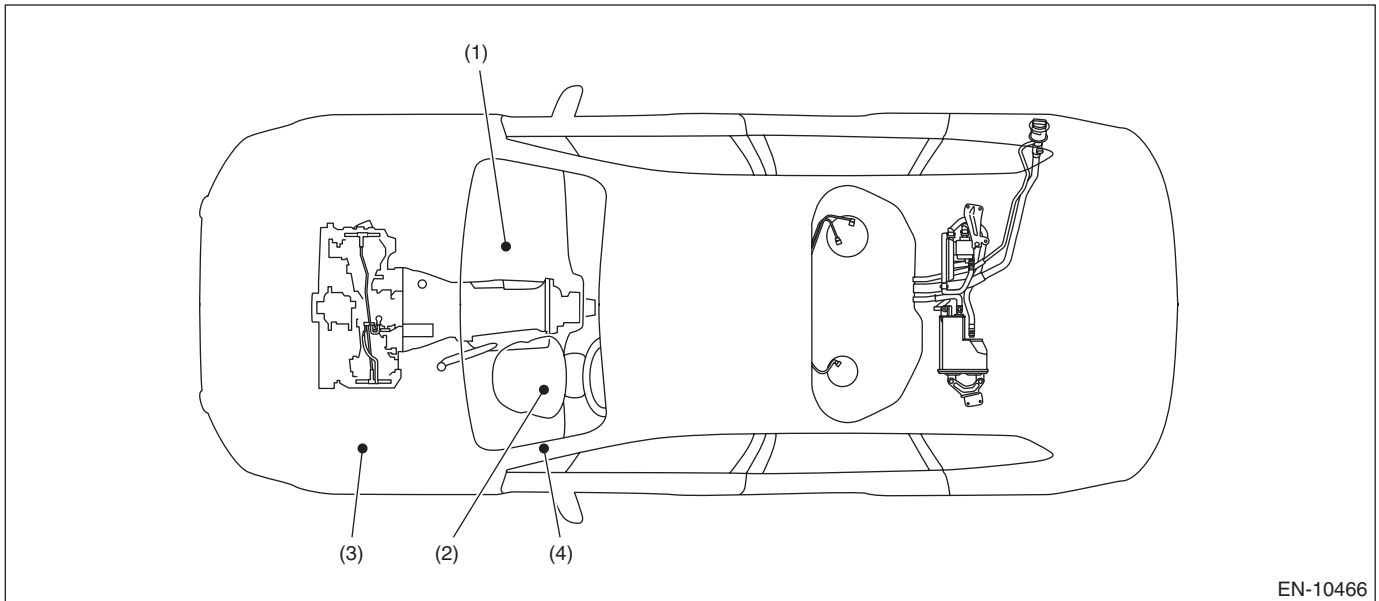


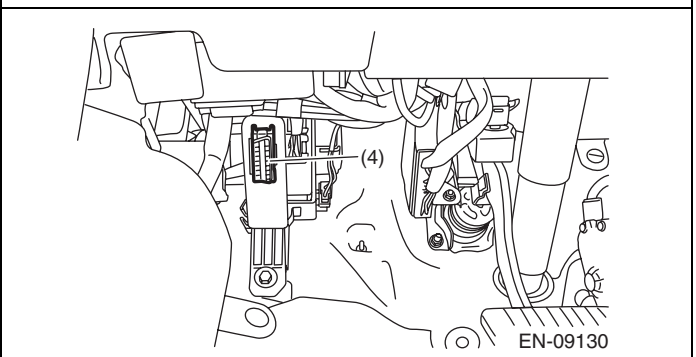
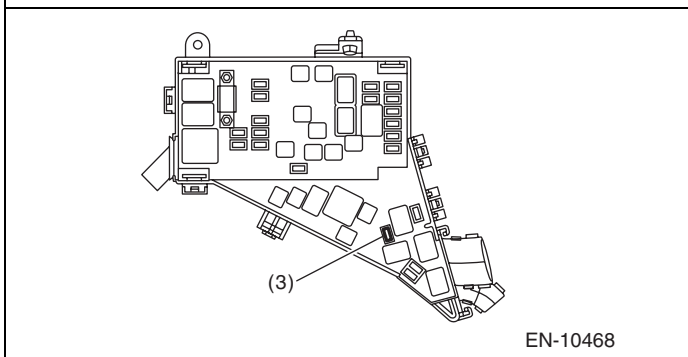
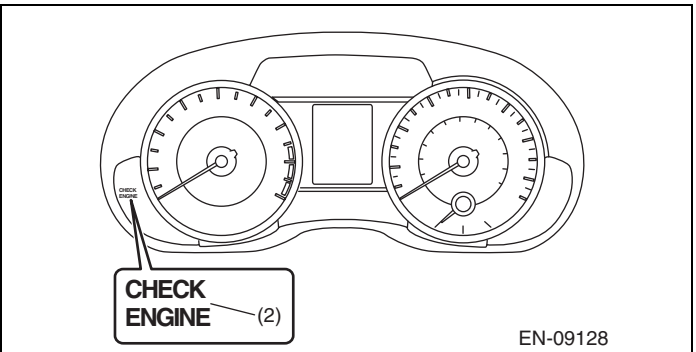
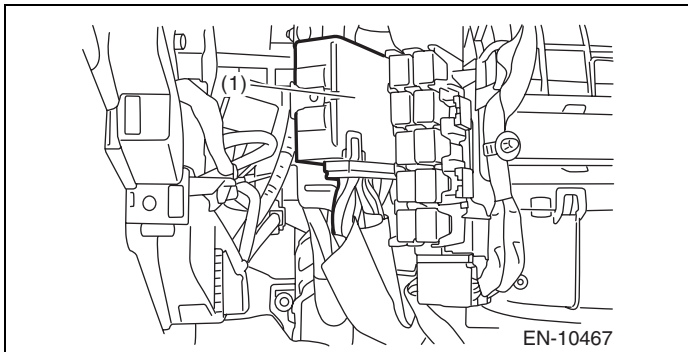
4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



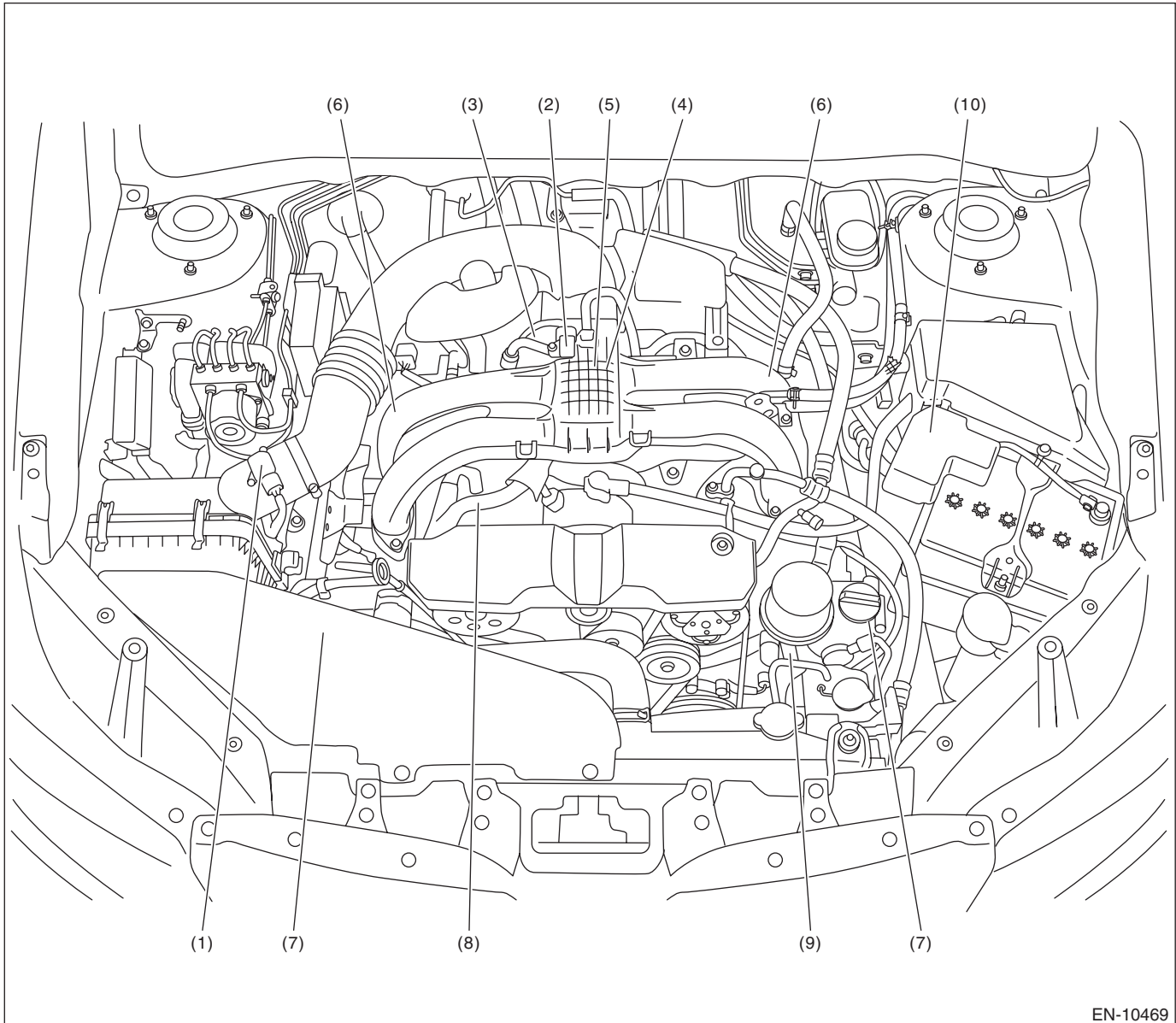
- | | | |
|---------------------------------|------------------------|-------------------------|
| (1) Engine control module (ECM) | (3) Delivery mode fuse | (4) Data link connector |
| (2) Malfunction indicator light | | |



Electrical Component Location

ENGINE (DIAGNOSTICS)

2. SENSOR

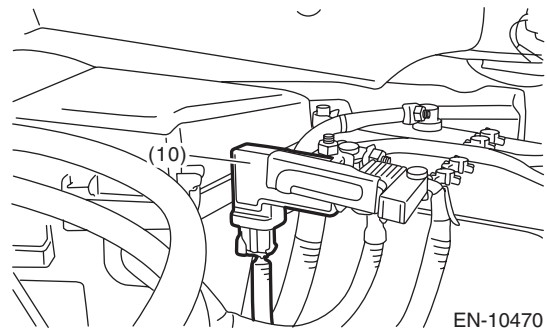
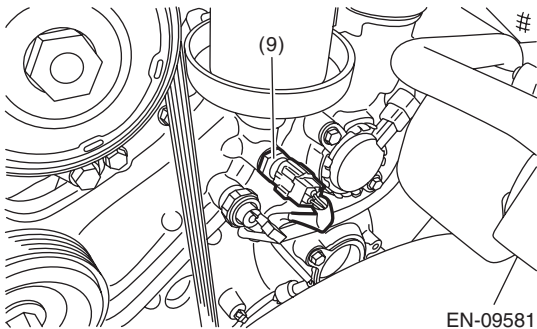
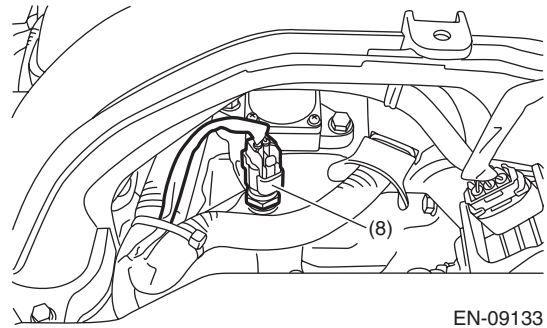
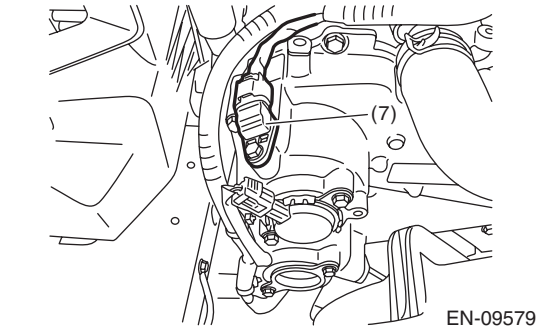
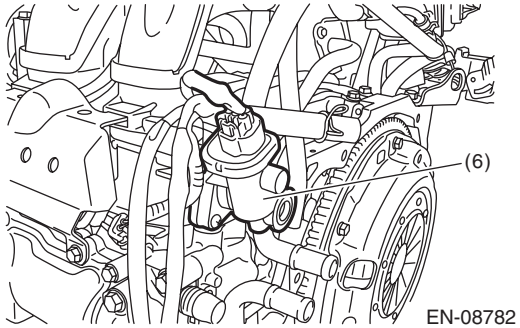
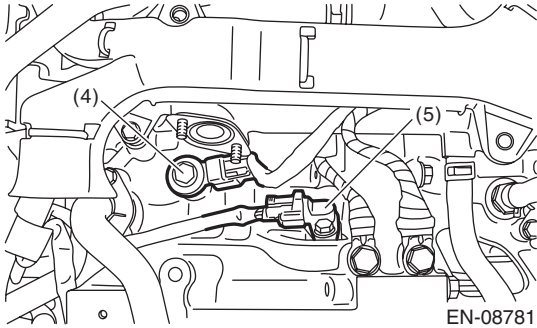
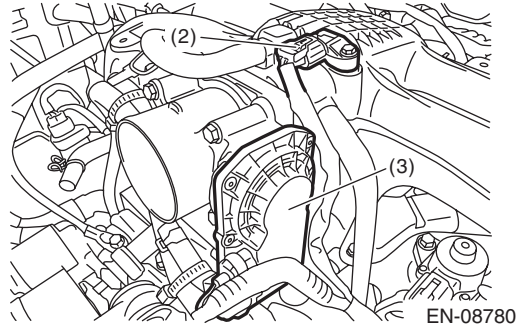
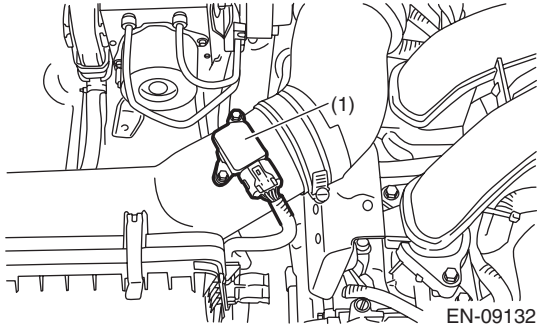


EN-10469

- | | | |
|---|---|---|
| (1) Mass air flow and intake air temperature sensor | (5) Crankshaft position sensor | (9) Engine oil temperature sensor |
| (2) Manifold absolute pressure sensor | (6) Tumble generator valve actuators (with built-in opening angle switch) | (10) Battery current & temperature sensor |
| (3) Electronic throttle control | (7) Intake camshaft position sensor | |
| (4) Knock sensor | (8) Engine coolant temperature sensor | |

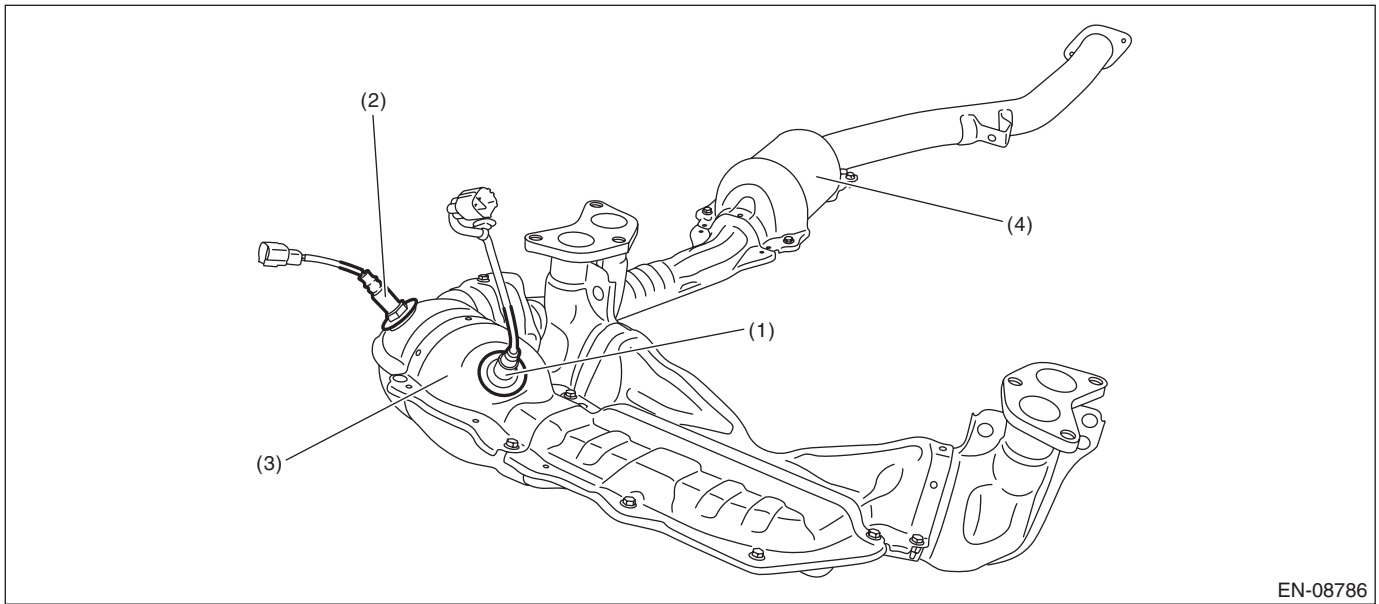
Electrical Component Location

ENGINE (DIAGNOSTICS)

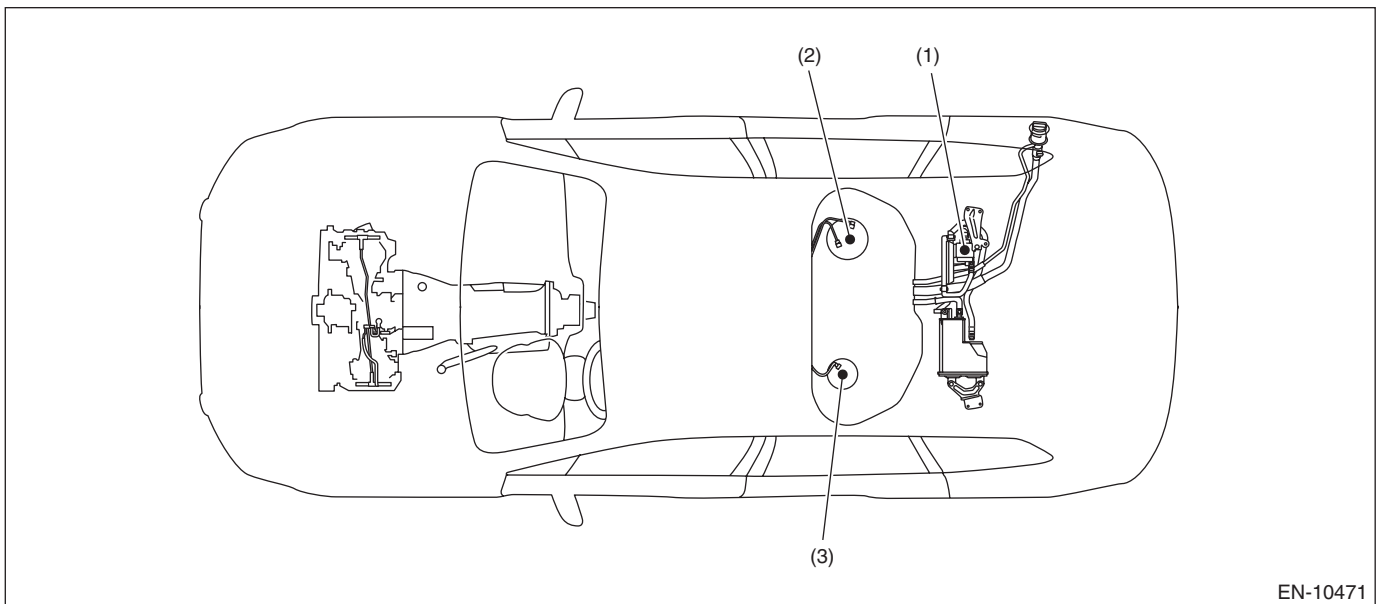


Electrical Component Location

ENGINE (DIAGNOSTICS)



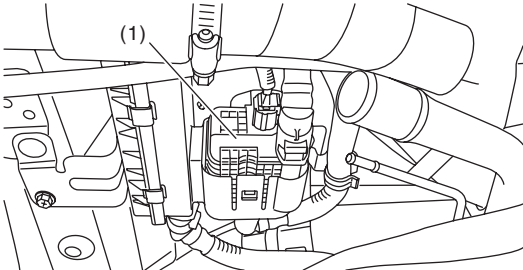
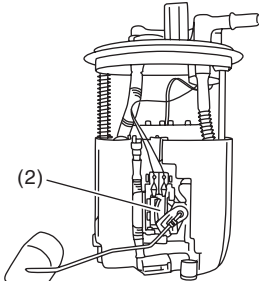
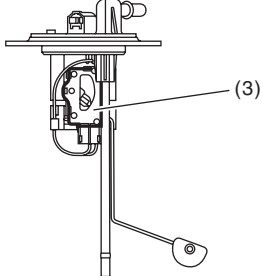
- (1) Front oxygen (A/F) sensor
- (2) Rear oxygen sensor
- (3) Front catalytic converter
- (4) Rear catalytic converter



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

Electrical Component Location

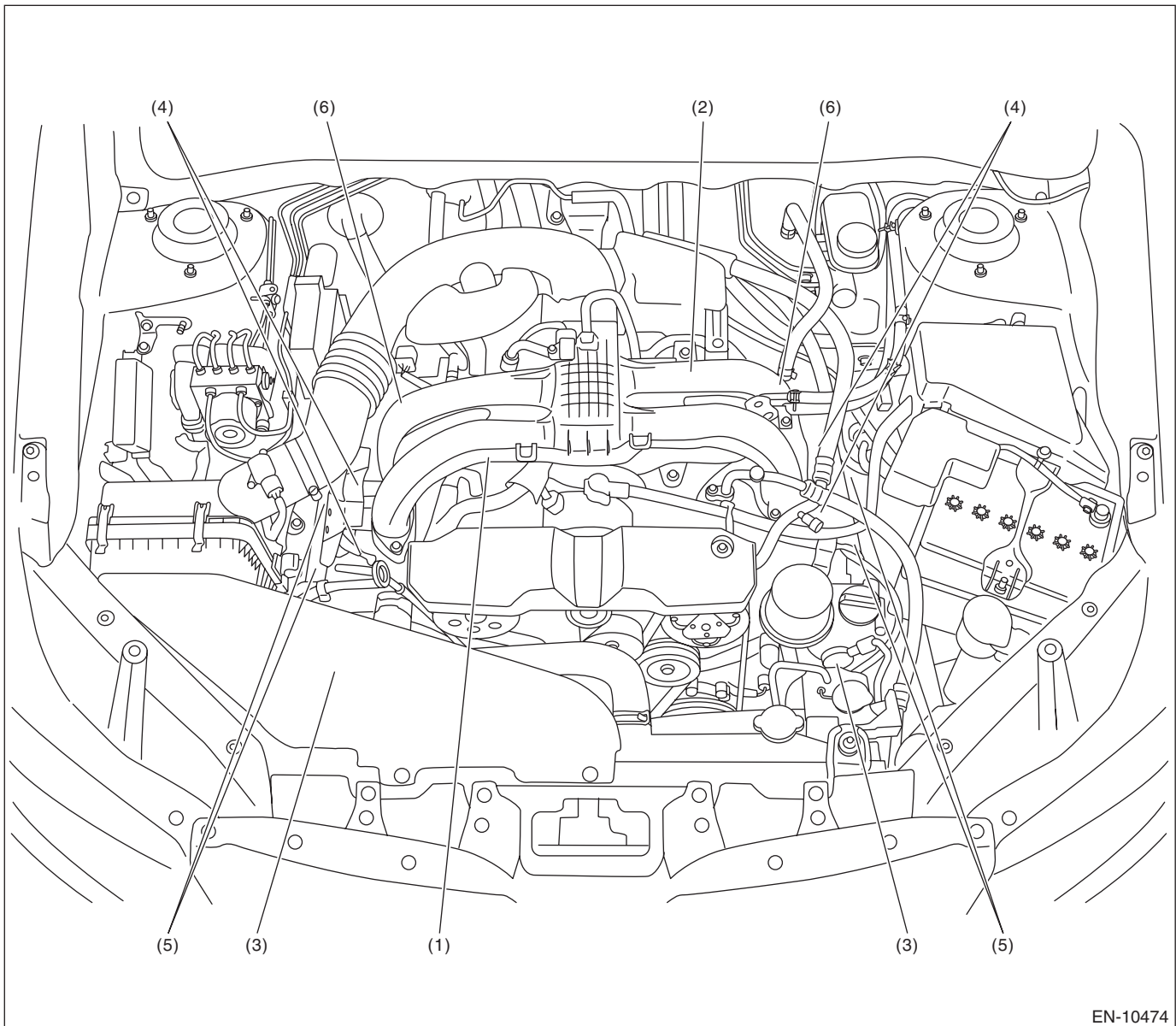
ENGINE (DIAGNOSTICS)

 Diagram showing the location of component (1) on the engine. The component is a small, cylindrical part located near the top of the engine, connected to the intake manifold. EN-10472	 Diagram showing the location of component (2) on the engine. The component is a small, cylindrical part located near the bottom of the engine, connected to the exhaust manifold. EN-10473
 Diagram showing the location of component (3) on the engine. The component is a small, cylindrical part located near the bottom of the engine, connected to the exhaust manifold. EN-08790	SUBARU.

Electrical Component Location

ENGINE (DIAGNOSTICS)

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

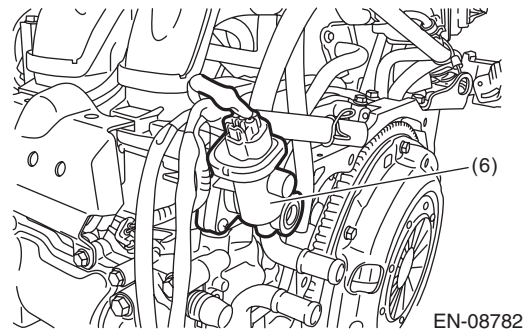
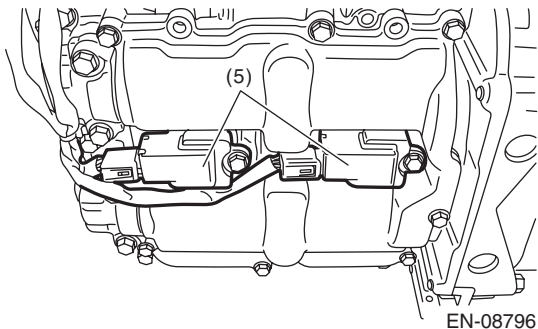
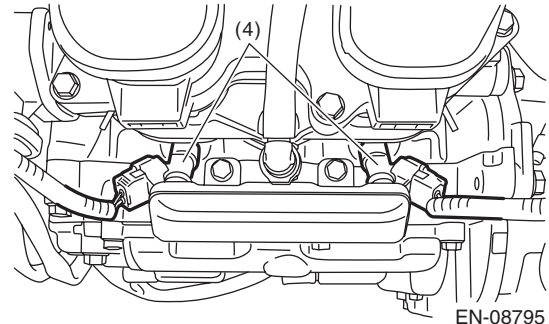
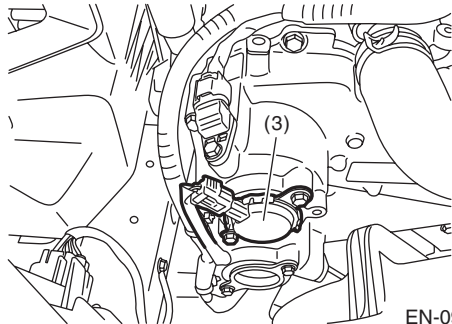
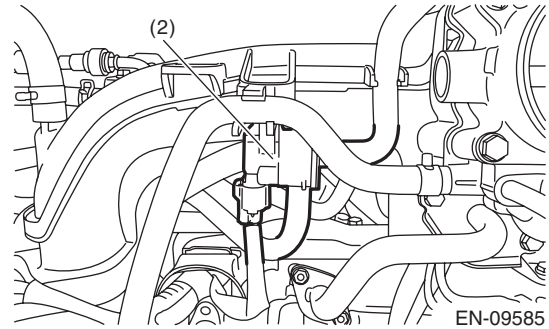
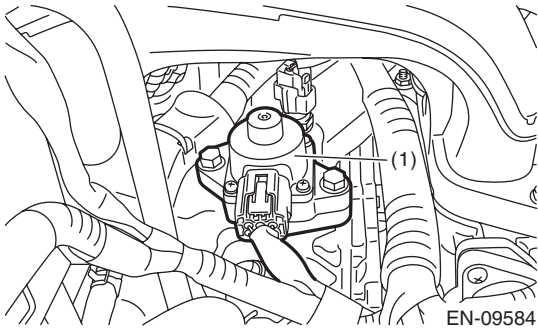


EN-10474

- | | | |
|----------------------------------|---------------------------------|-------------------------------------|
| (1) EGR control valve | (3) Intake oil control solenoid | (5) Ignition coil |
| (2) Purge control solenoid valve | (4) Fuel injector | (6) Tumble generator valve actuator |

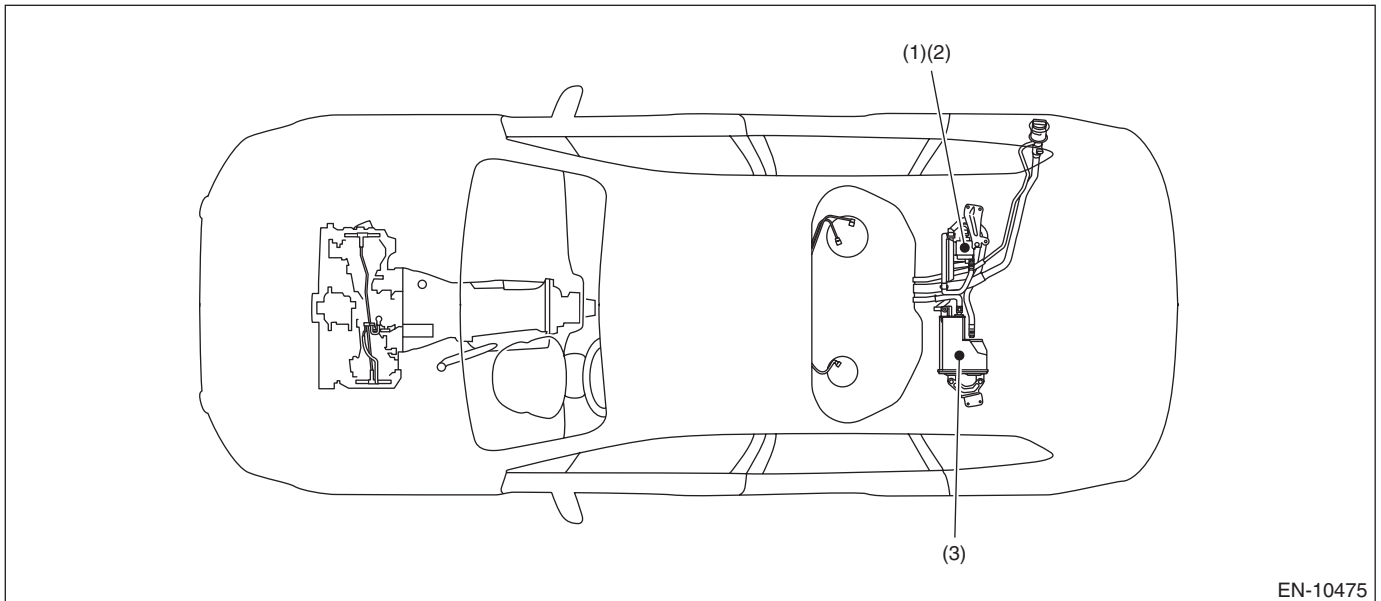
Electrical Component Location

ENGINE (DIAGNOSTICS)



Electrical Component Location

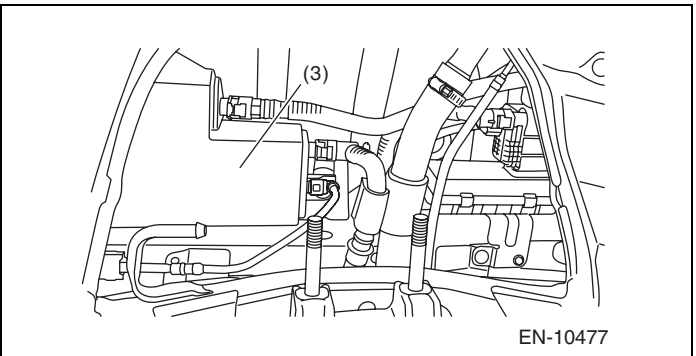
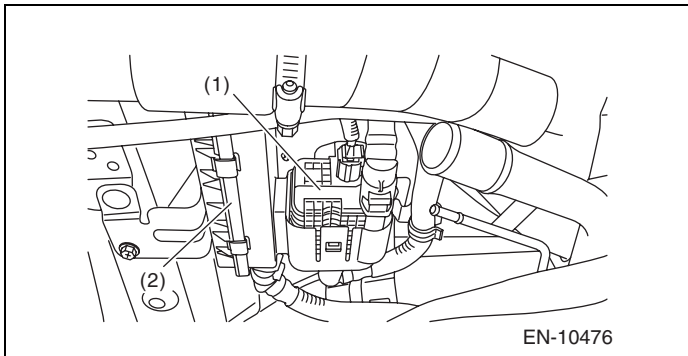
ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

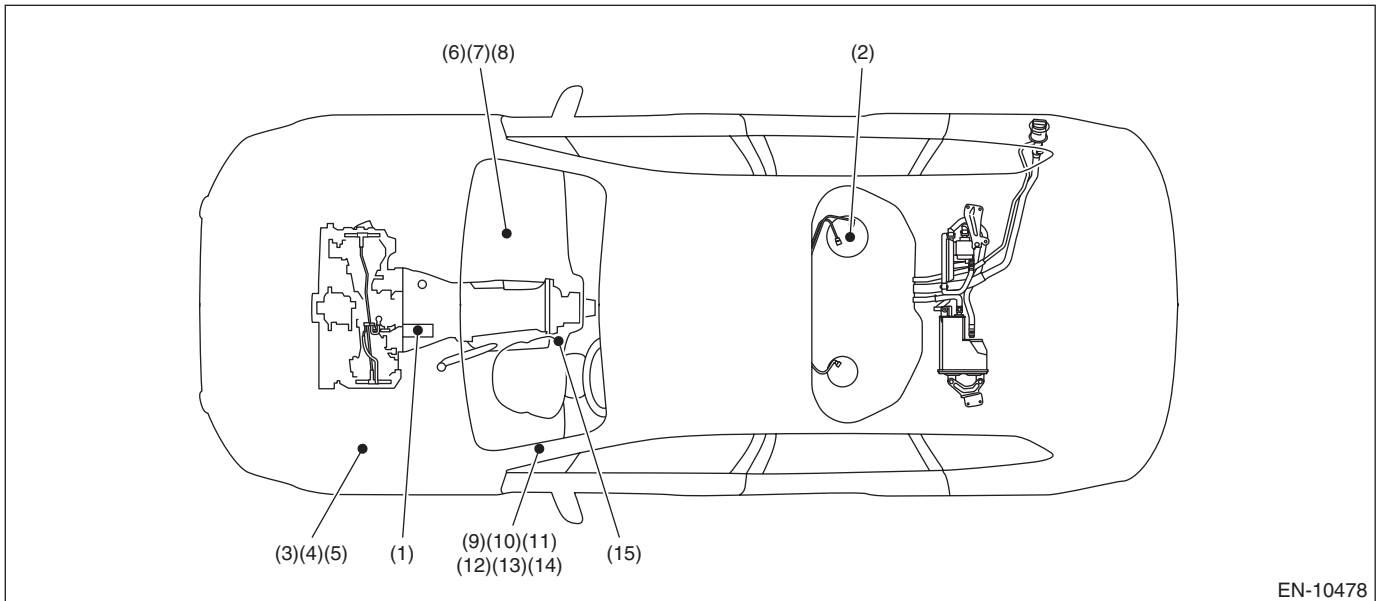
(2) Drain filter

(3) Canister



Electrical Component Location

ENGINE (DIAGNOSTICS)

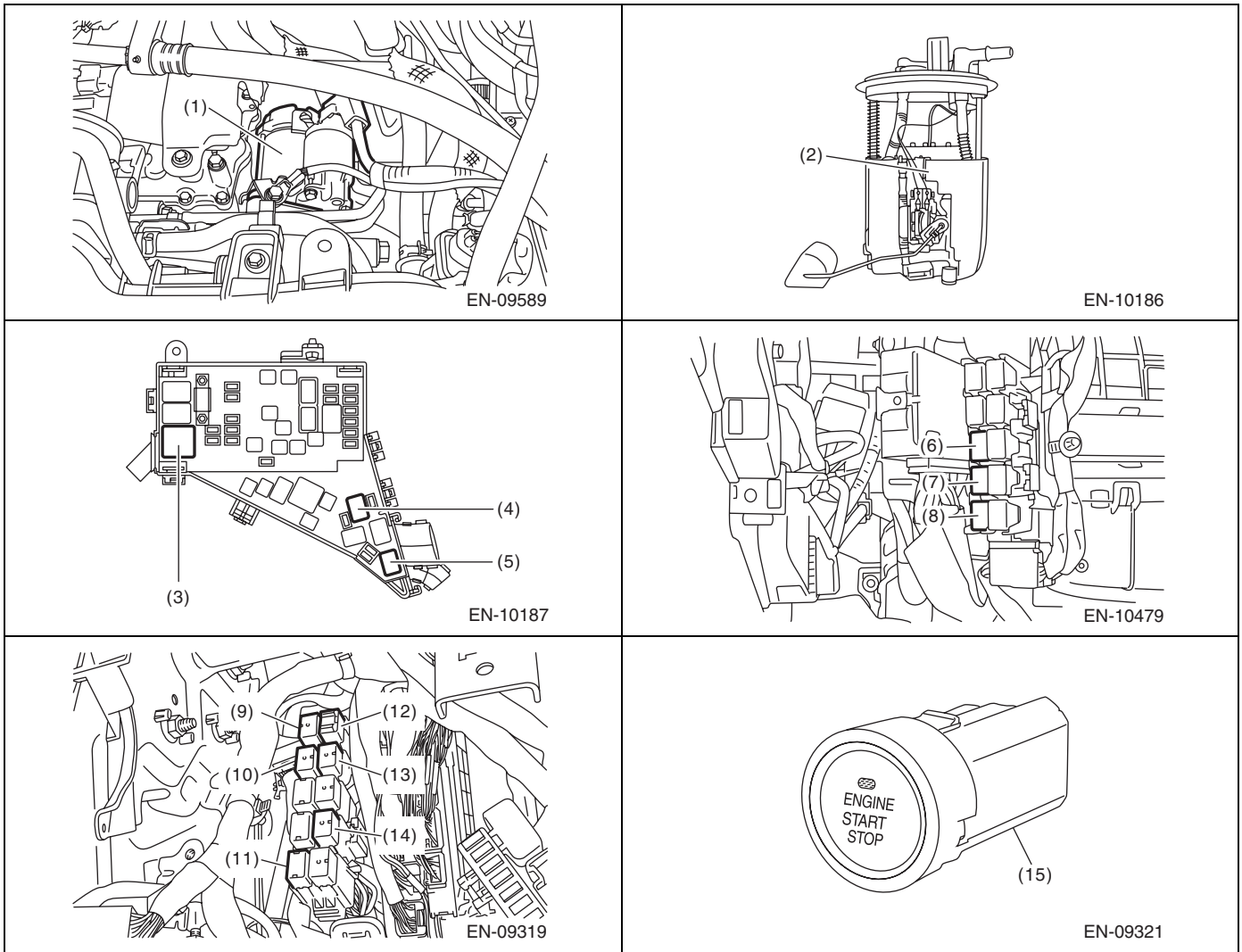


EN-10478

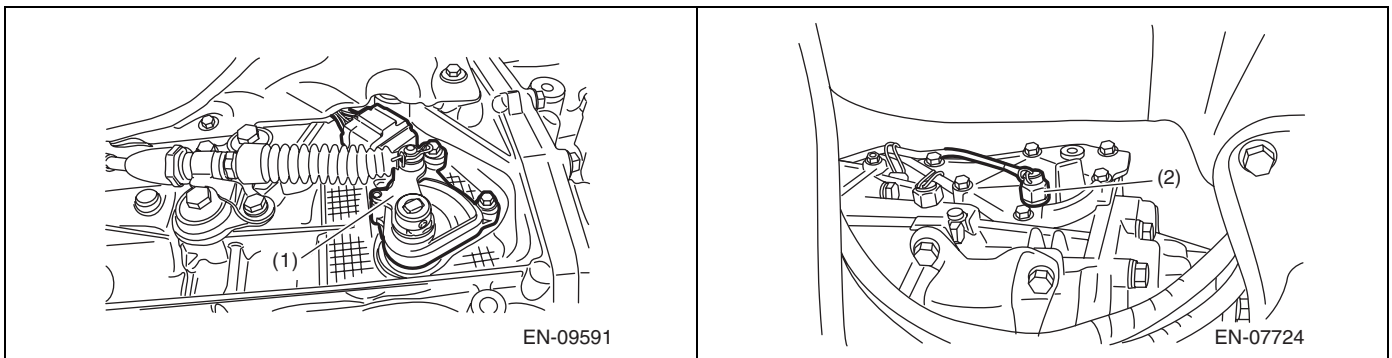
- | | | |
|-------------------------------|--|---|
| (1) Starter | (6) Main relay | (11) Starter relay |
| (2) Fuel pump | (7) IG relay | (12) Starter cut relay (model with push button start) |
| (3) Radiator main fan relay 1 | (8) Fuel pump relay | (13) IG relay 1 (push button start) (model with push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

Electrical Component Location

ENGINE (DIAGNOSTICS)



4. TRANSMISSION



(1) Inhibitor switch (CVT model)

(2) Neutral position switch (MT model)