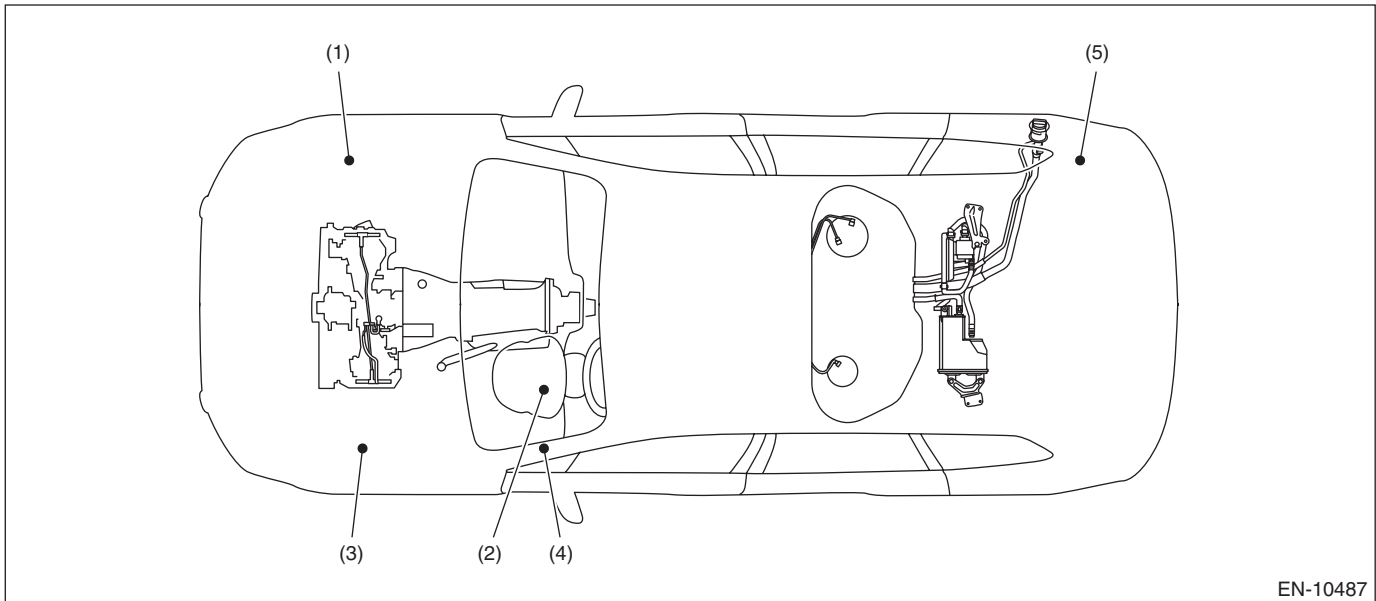


4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



EN-10487

(1) Engine control module (ECM)

(2) Malfunction indicator light

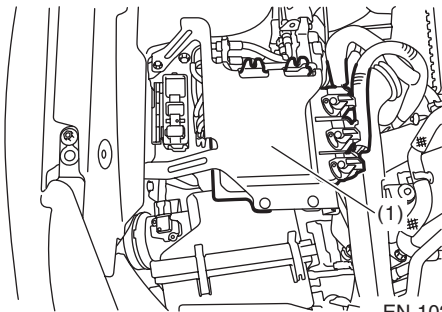
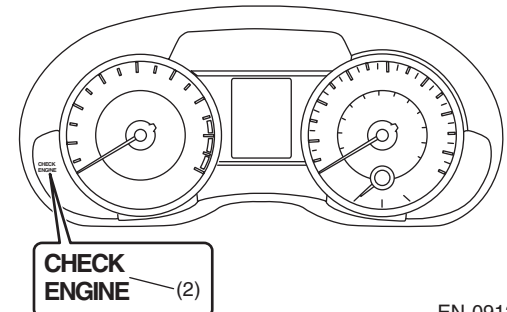
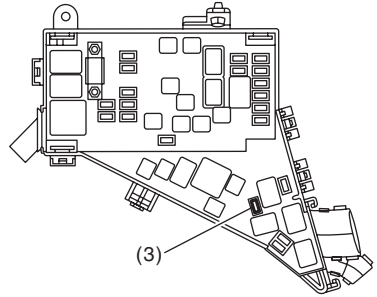
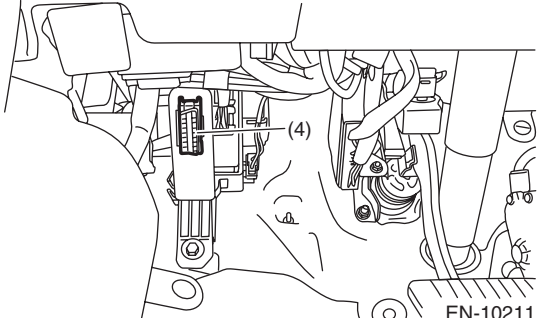
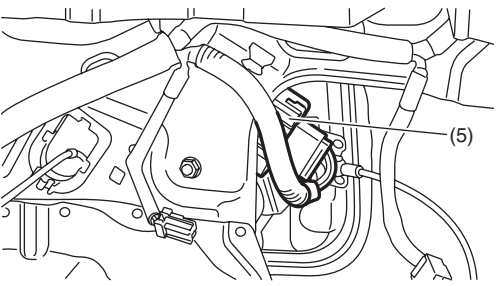
(3) Delivery mode fuse

(4) Data link connector

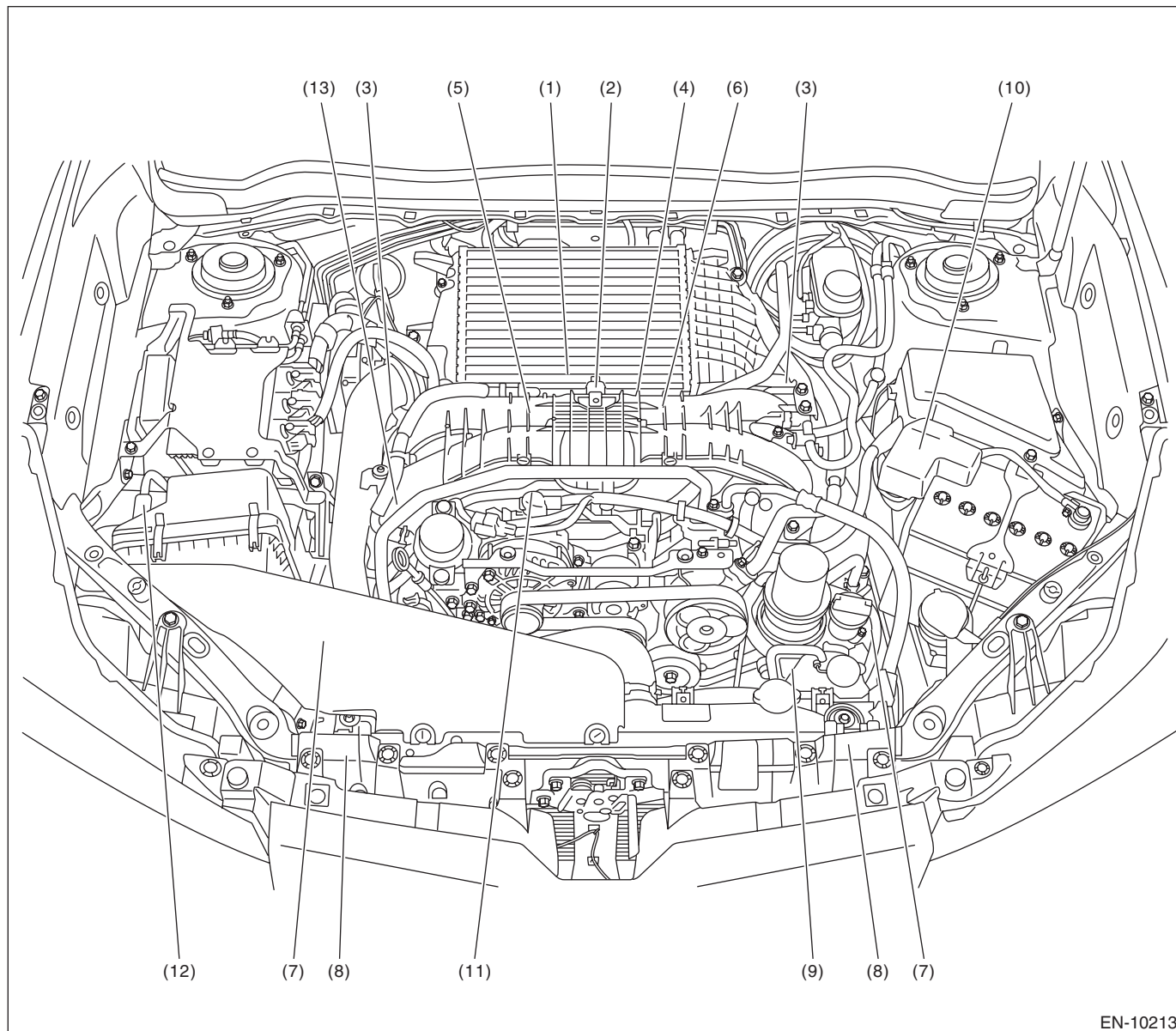
(5) Fuel pump CM

Electrical Component Location

ENGINE (DIAGNOSTICS)

 EN-10208	 EN-09128
 EN-10210	 EN-10211
 EN-10212	SUBARU.

2. SENSOR

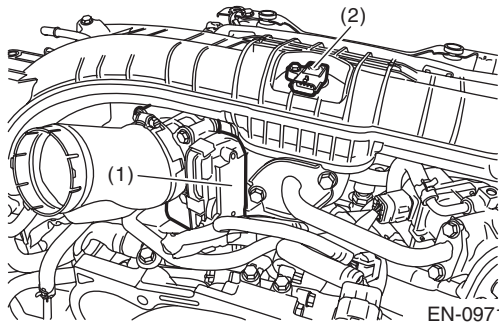


EN-10213

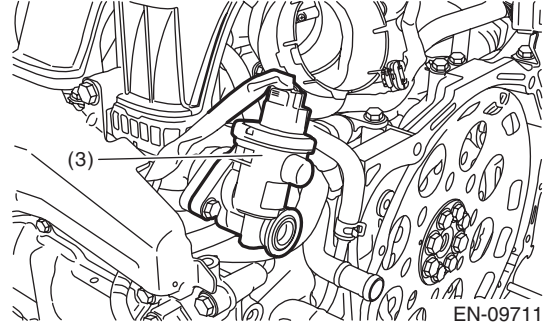
- | | | |
|--|---|--|
| (1) Electronic throttle control | (6) Knock sensor LH | (11) Engine coolant temperature sensor |
| (2) Manifold absolute pressure and intake air temperature sensor | (7) Intake camshaft position sensor | (12) Mass air flow and intake air temperature sensor |
| (3) Tumble generator valve actuator (with built-in sensor) | (8) Exhaust camshaft position sensor | (13) Fuel pressure sensor |
| (4) Crankshaft position sensor | (9) Engine oil temperature sensor | |
| (5) Knock sensor RH | (10) Battery current & temperature sensor | |

Electrical Component Location

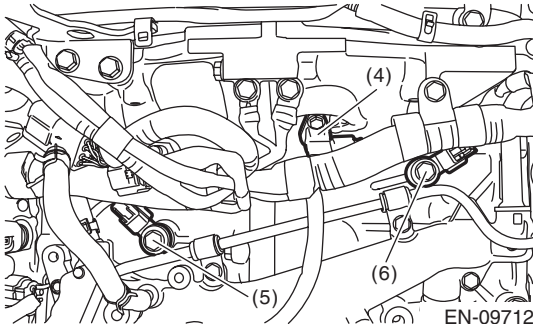
ENGINE (DIAGNOSTICS)



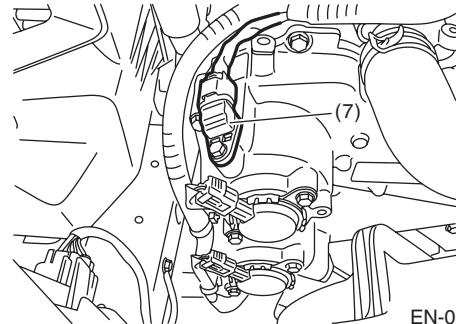
EN-09710



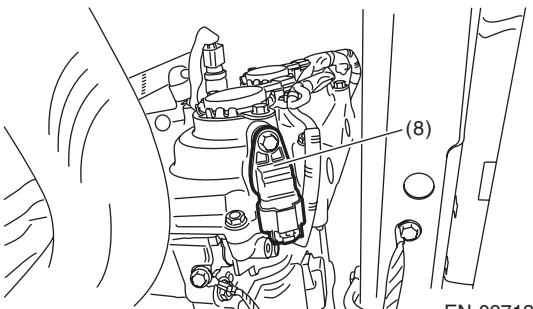
EN-09711



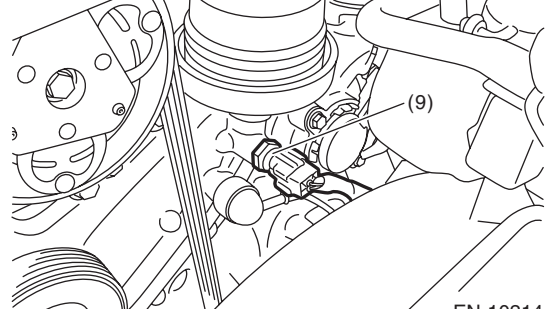
EN-09712



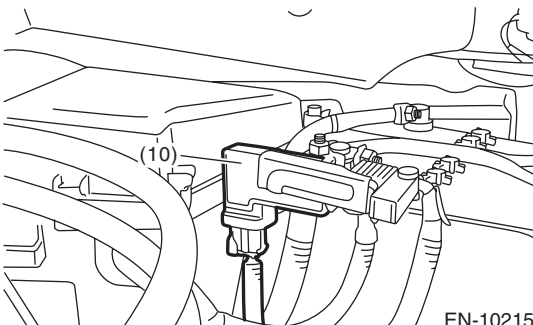
EN-09025



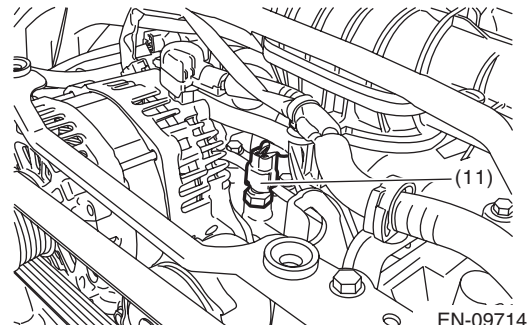
EN-09713



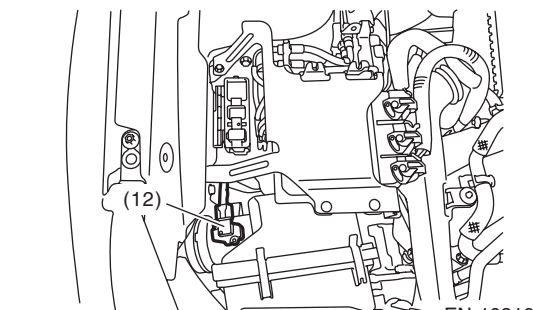
EN-10214



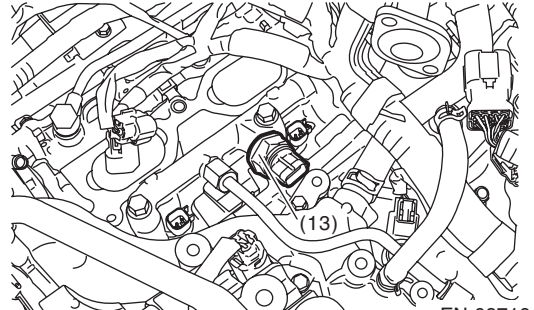
EN-10215



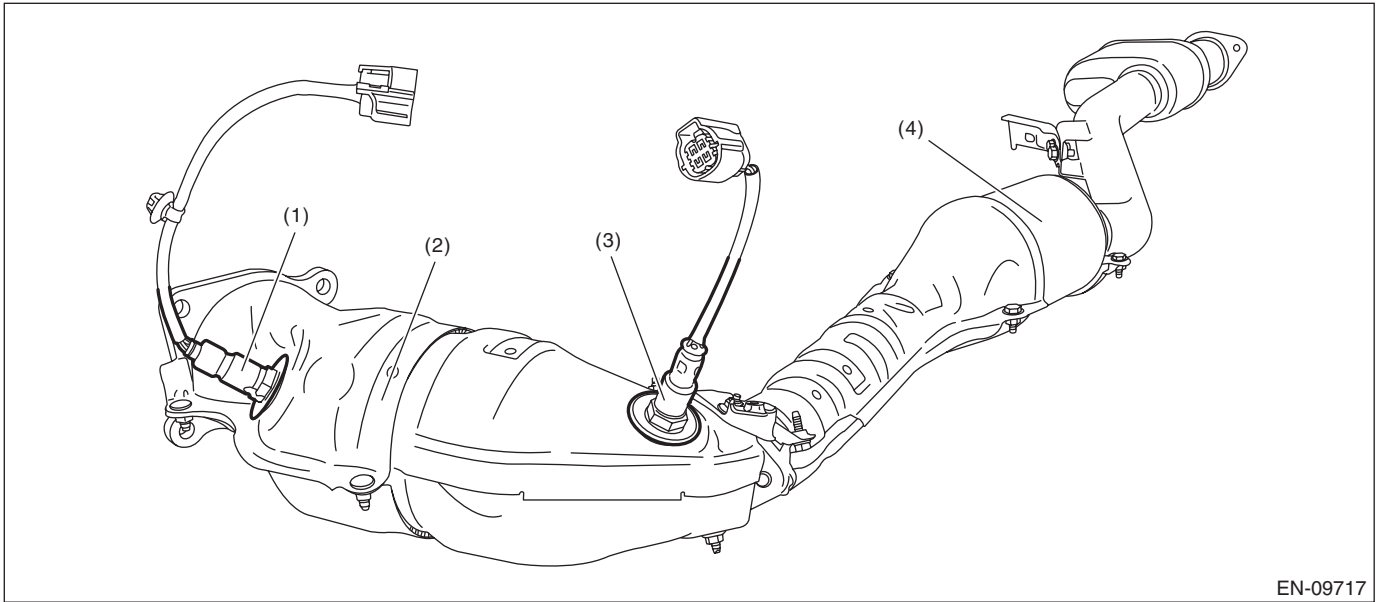
EN-09714



EN-10216

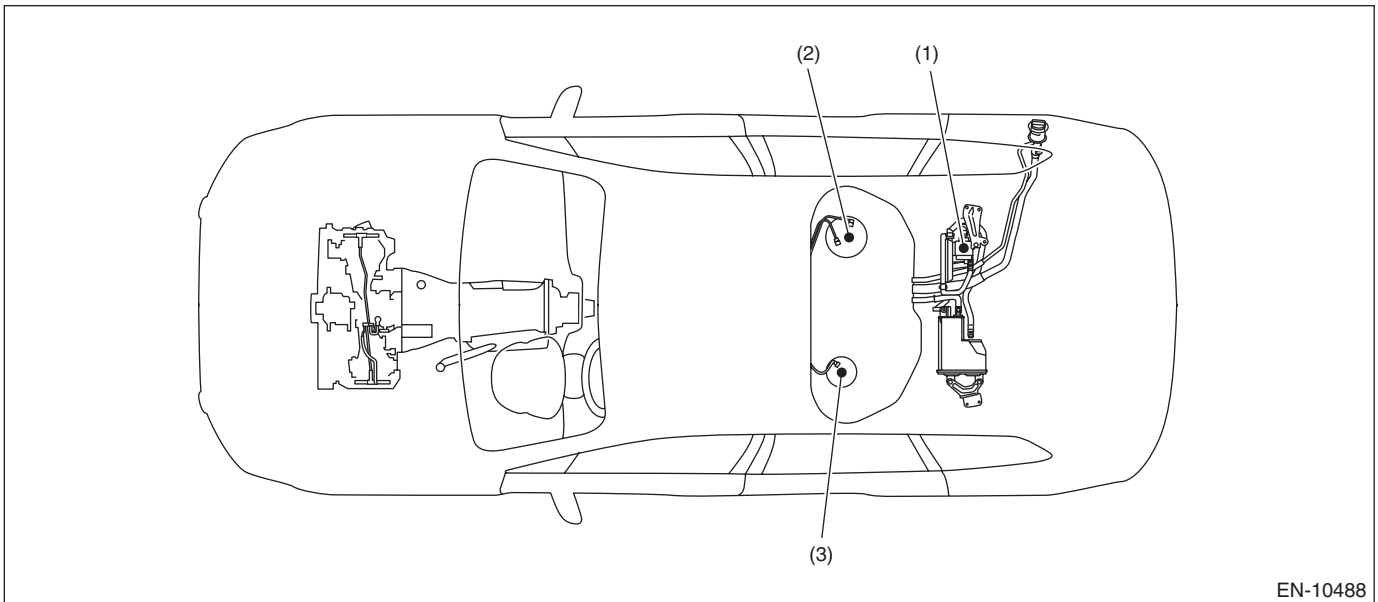


EN-09716



EN-09717

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

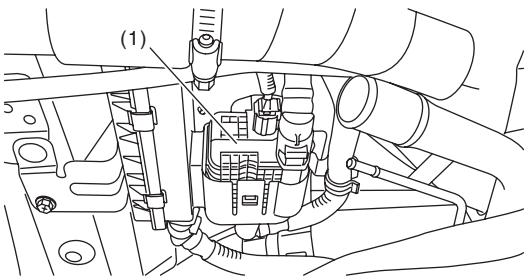
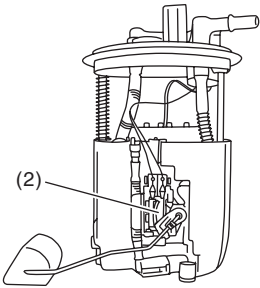
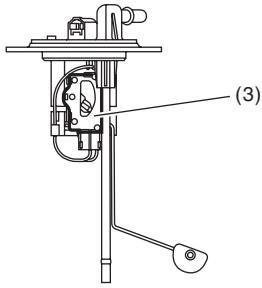


EN-10488

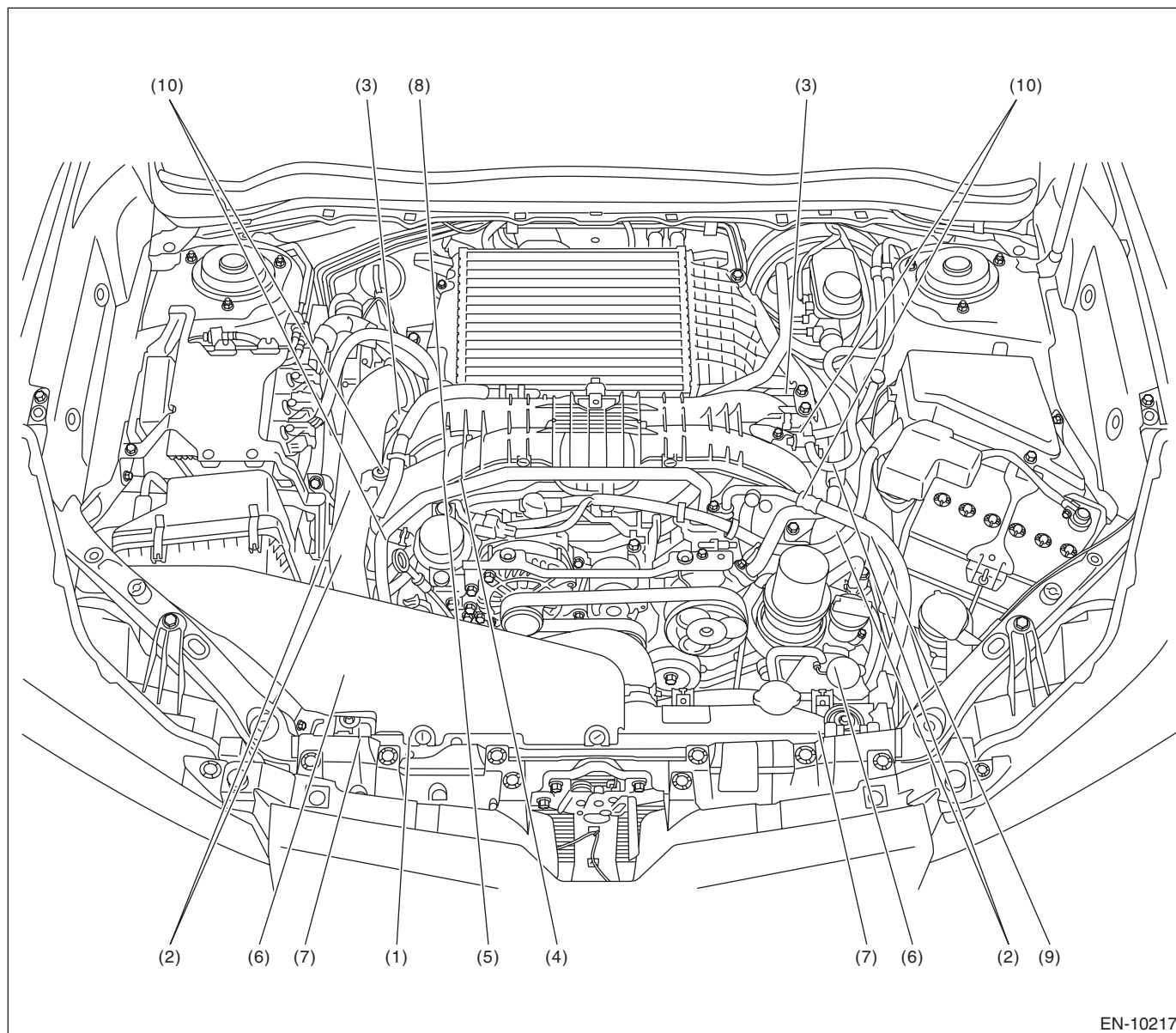
- (1) Leak check valve ASSY (with built-in pressure sensor)
- (2) Fuel level sensor
- (3) Fuel sub level sensor

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 a hose. The diagram is labeled EN-10472.	 Diagram showing the location of component (2) on the engine. The component is a small cylindrical part located near the top of the engine, connected to a hose. The diagram is labeled EN-10473.
 Diagram showing the location of component (3) on the engine. The component is a small cylindrical part located near the top of the engine, connected to a hose. The diagram is labeled EN-08790.	SUBARU.

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

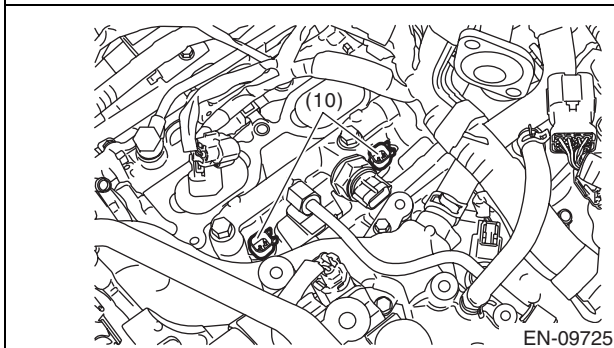
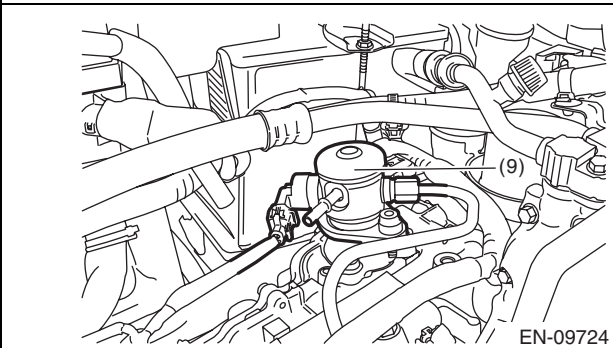
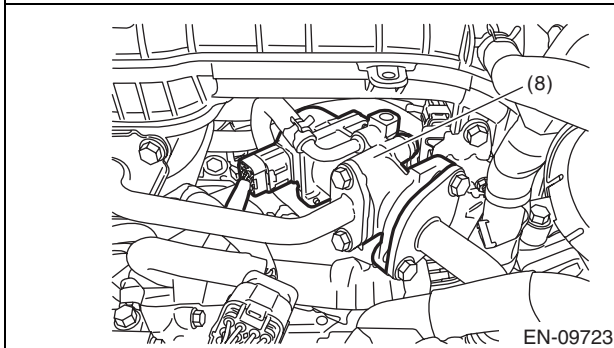
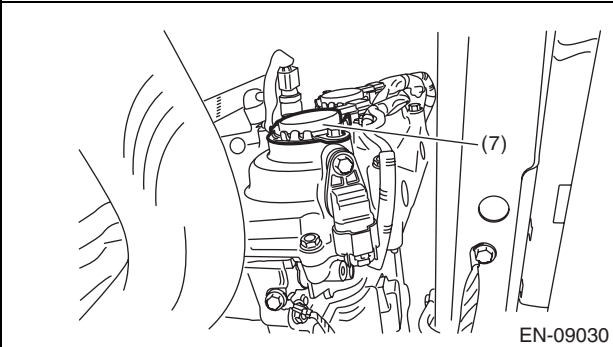
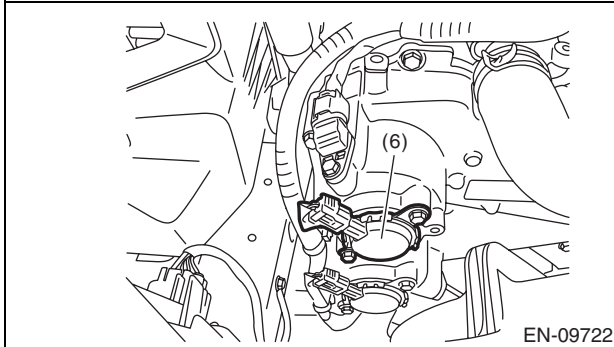
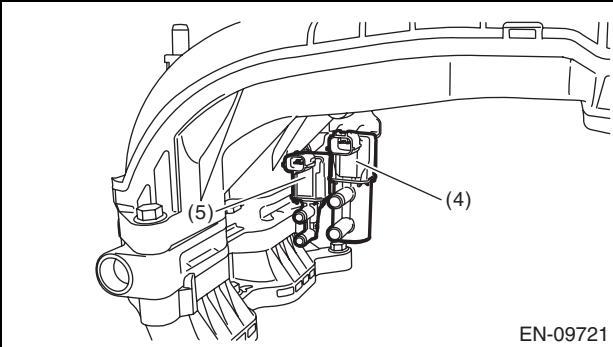
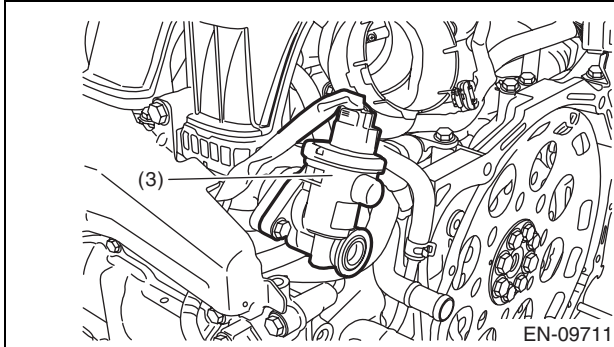
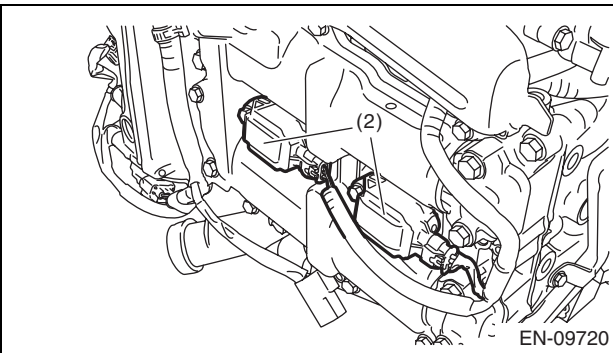
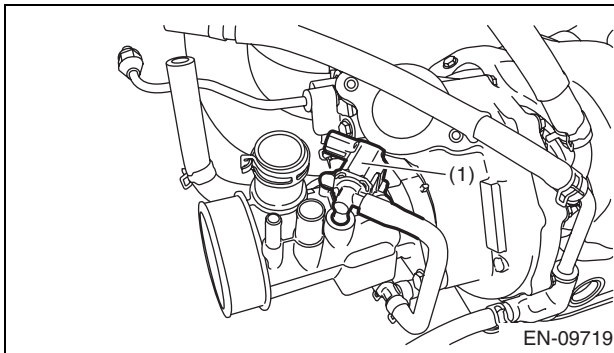


EN-10217

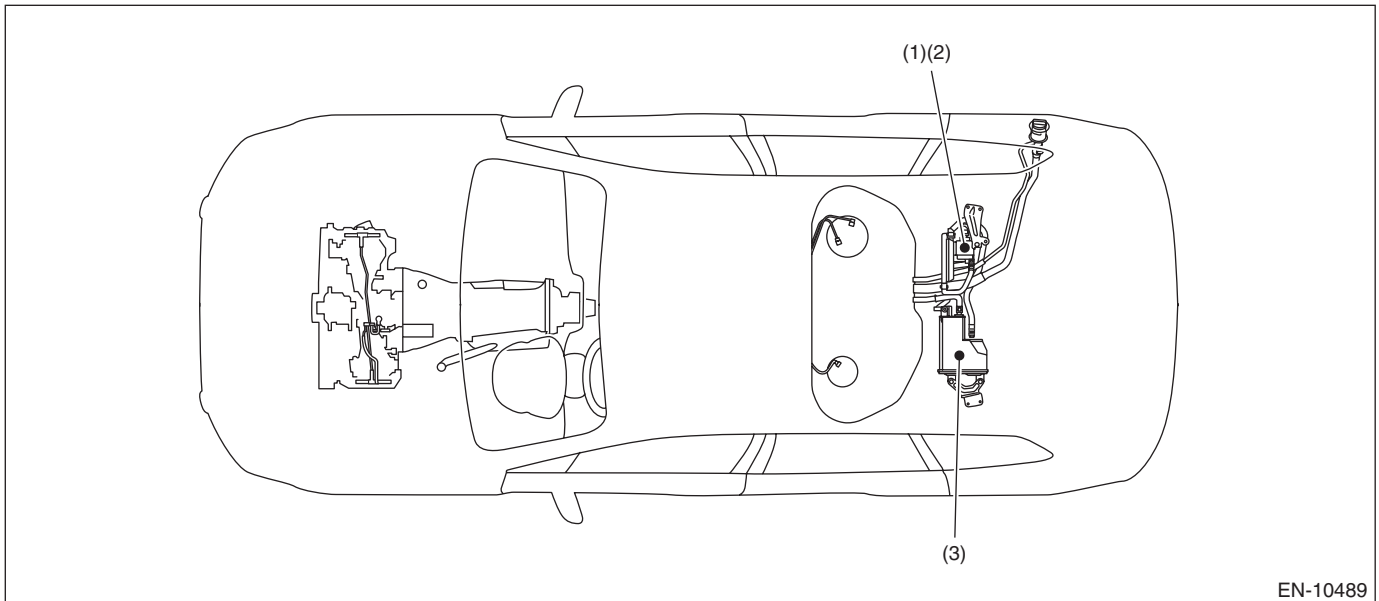
- | | | |
|--------------------------------------|------------------------------------|-----------------------------|
| (1) Wastegate control solenoid valve | (5) Purge control solenoid valve 2 | (9) High-pressure fuel pump |
| (2) Ignition coil | (6) Intake oil control solenoid | (10) Fuel injector |
| (3) Tumble generator valve actuator | (7) Exhaust oil control solenoid | |
| (4) Purge control solenoid valve 1 | (8) EGR control valve | |

Electrical Component Location

ENGINE (DIAGNOSTICS)



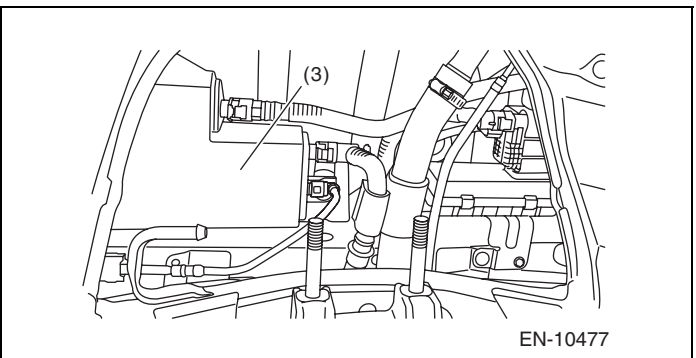
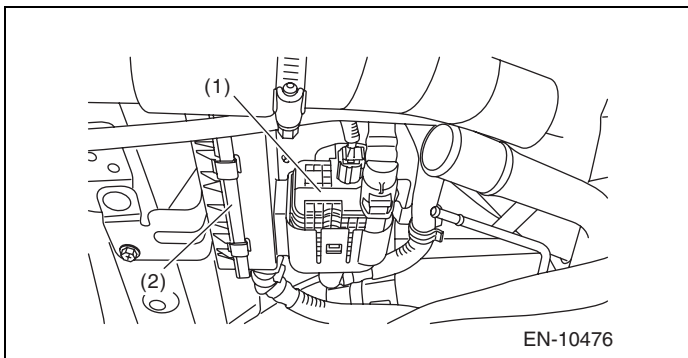
SUBARU.



(1) Leak check valve ASSY

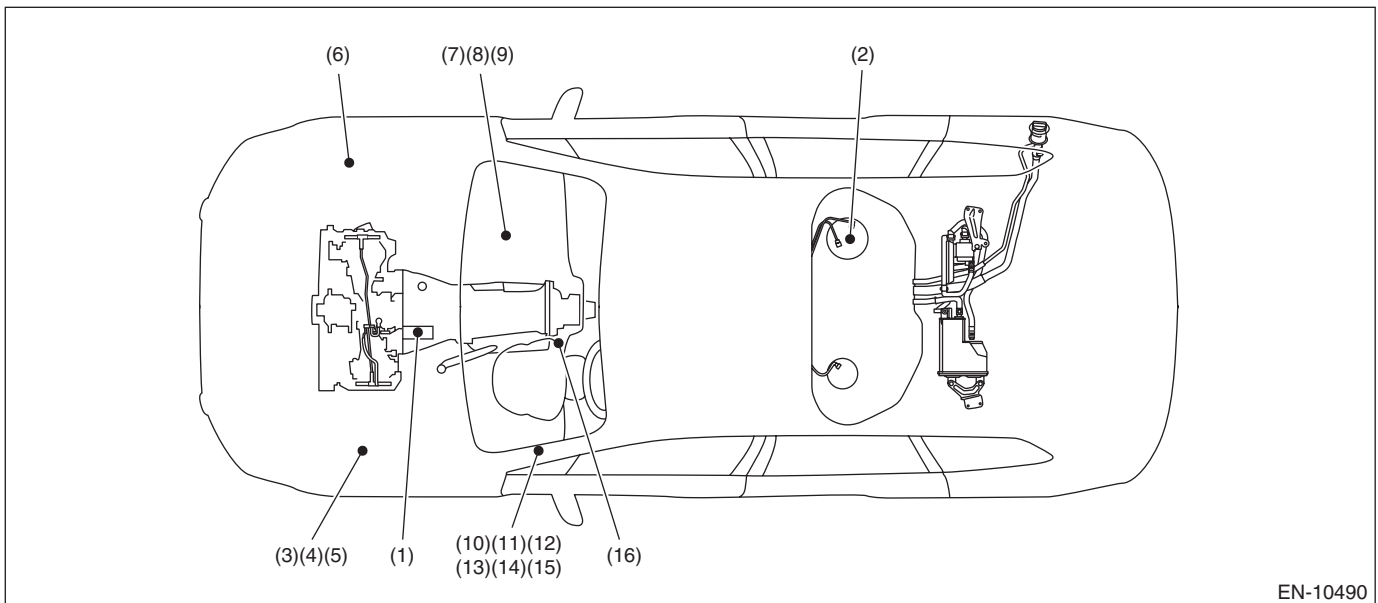
(2) Drain filter

(3) Canister



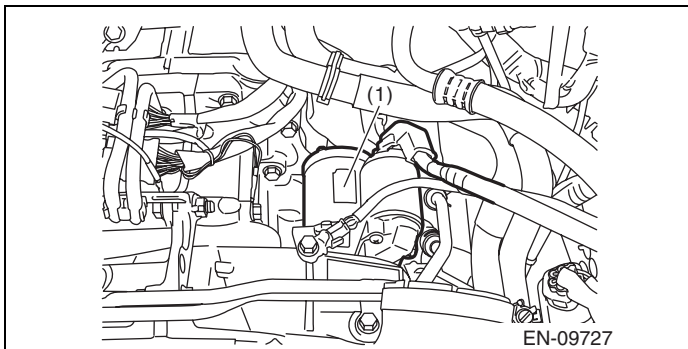
Electrical Component Location

ENGINE (DIAGNOSTICS)

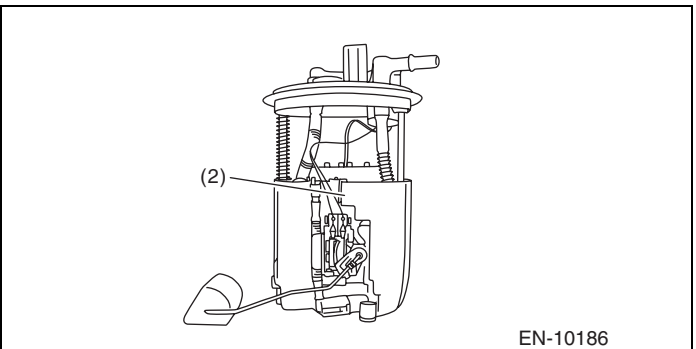


EN-10490

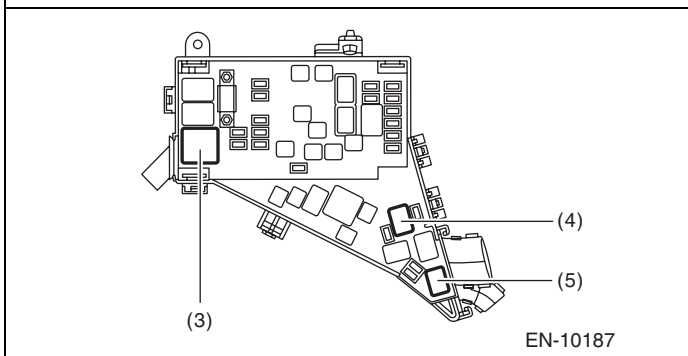
- | | | |
|-------------------------------|--|---|
| (1) Starter | (7) Fuel pump relay | (12) Starter relay |
| (2) Fuel pump | (8) Main relay | (13) Starter cut relay (model with push button start) |
| (3) Radiator main fan relay 1 | (9) IG relay | (14) IG relay 1 (push button start) (model with push button start) |
| (4) Radiator main fan relay 2 | (10) A/F, oxygen sensor relay | (15) Starter relay (push button start) (model with push button start) |
| (5) Radiator sub fan relay | (11) Electronic throttle control relay | (16) Push button ignition switch (model with push button start) |
| (6) Fuel injector relay | | |



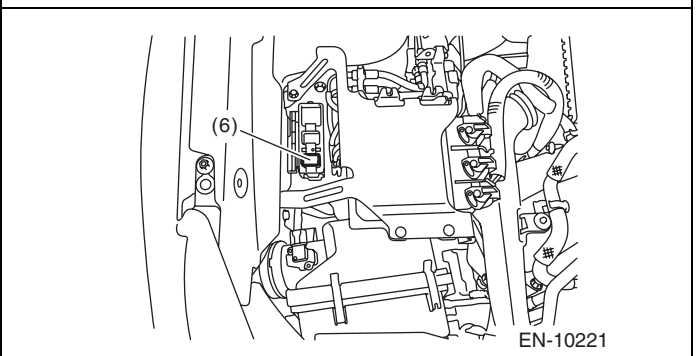
EN-09727



EN-10186



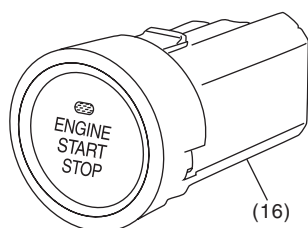
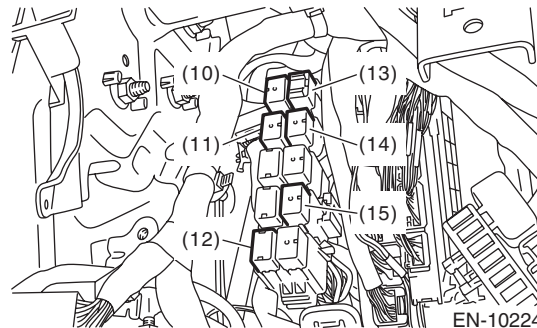
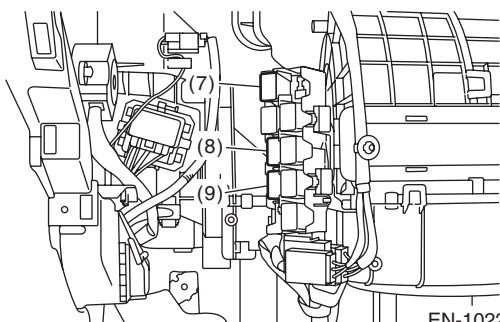
EN-10187



EN-10221

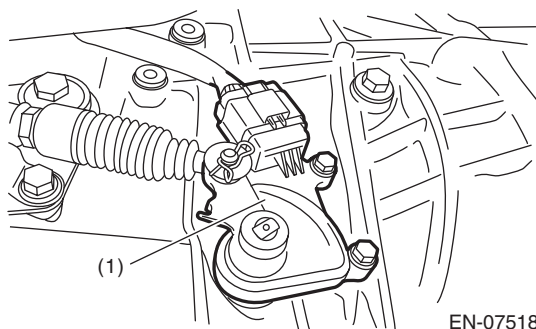
Electrical Component Location

ENGINE (DIAGNOSTICS)



SUBARU.

4. TRANSMISSION



SUBARU.

(1) Inhibitor switch