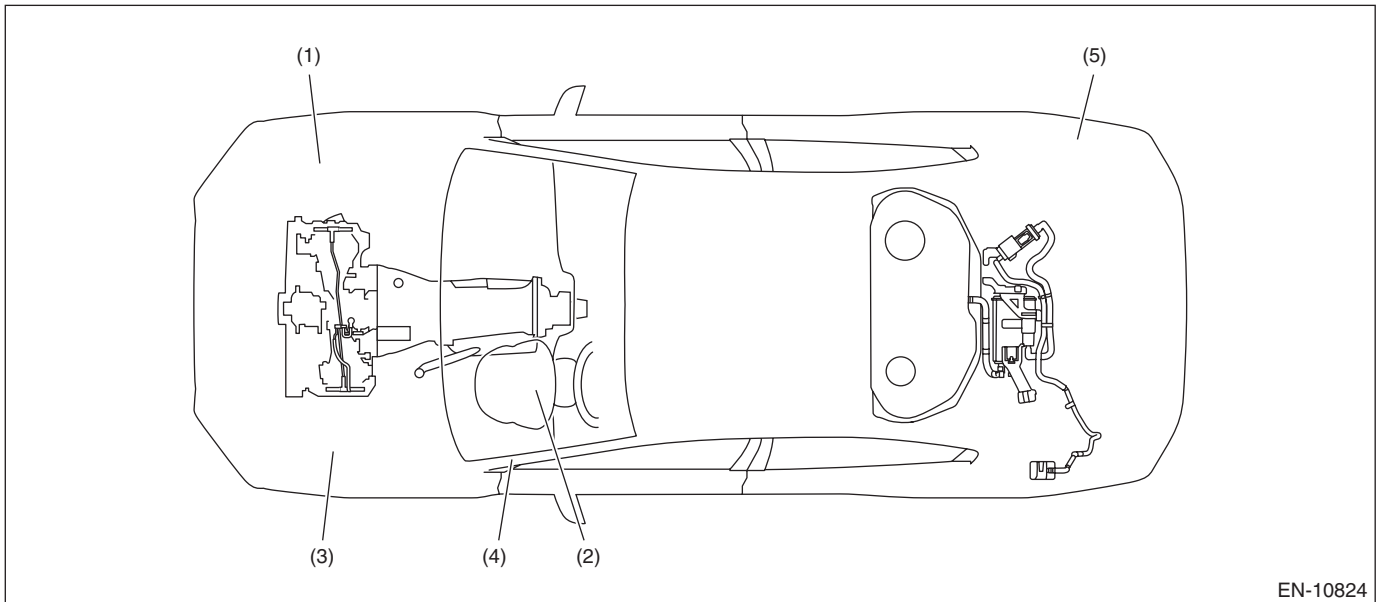


## 4. Electrical Component Location

### A: LOCATION

#### 1. CONTROL MODULE



EN-10824

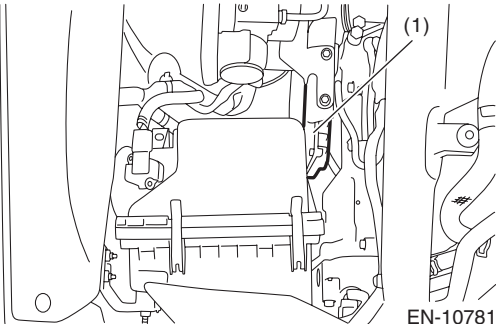
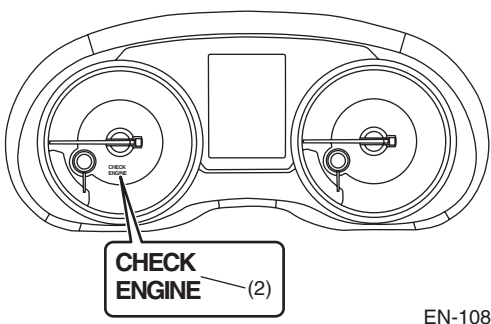
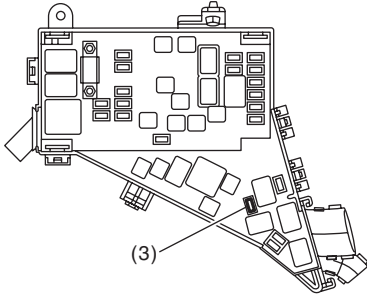
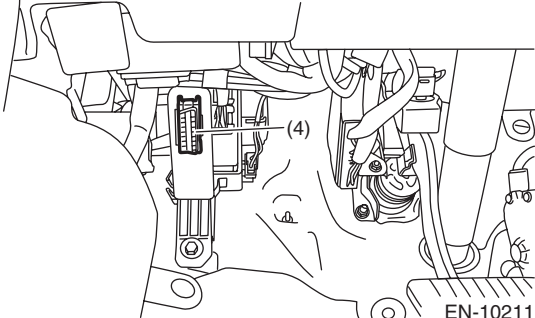
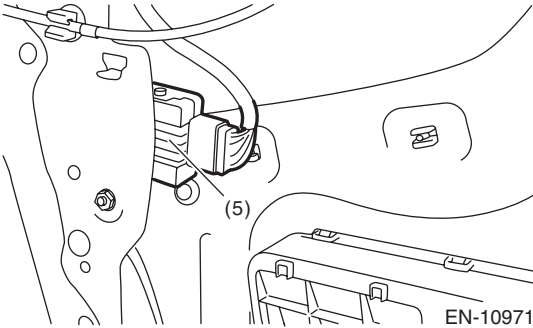
- (1) Engine control module (ECM)
- (2) Malfunction indicator light

- (3) Delivery mode fuse
- (4) Data link connector

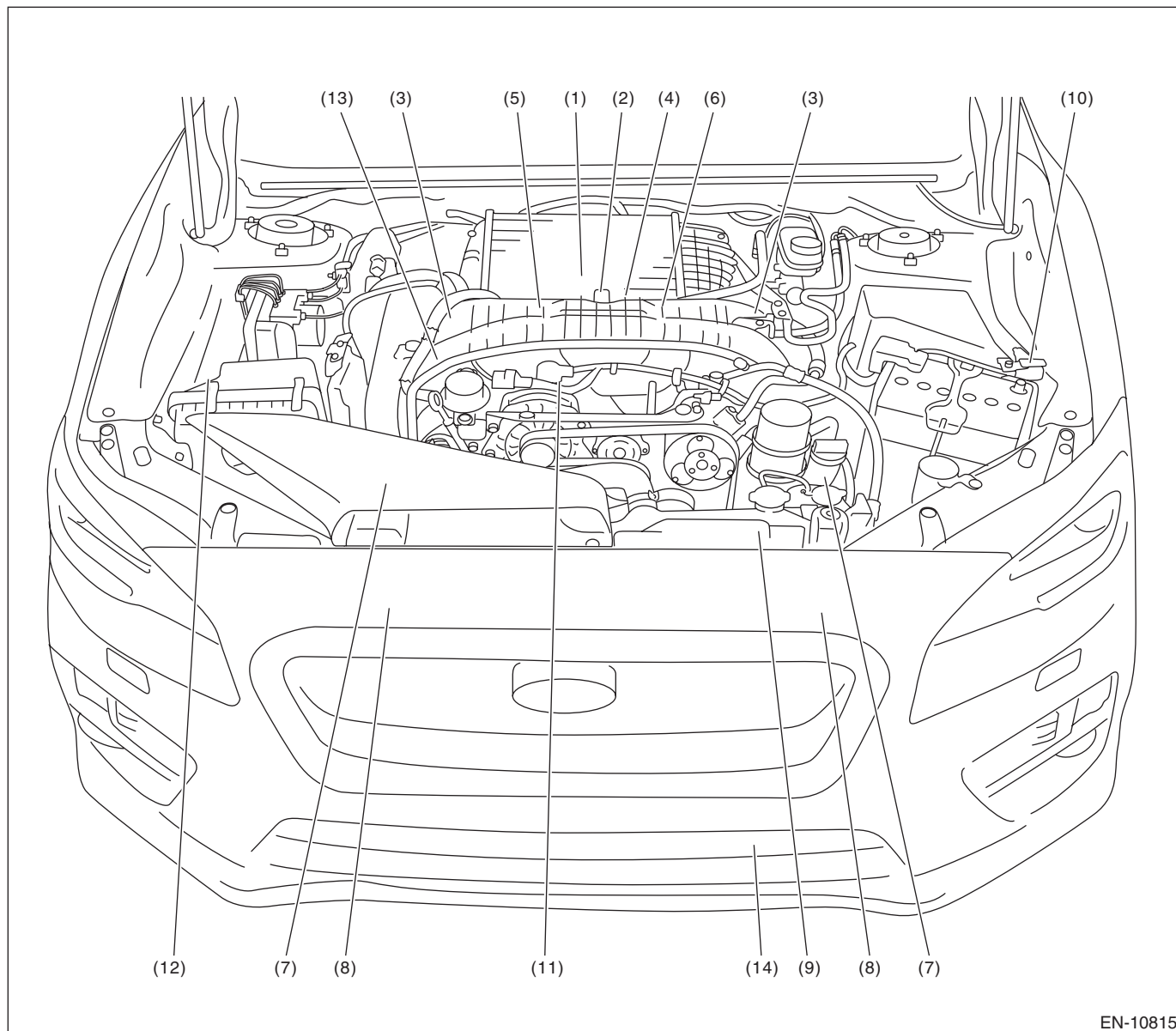
- (5) Fuel pump CM

Electrical Component Location

ENGINE (DIAGNOSTICS)

 <p>Diagram showing the location of component (1) in the engine bay.</p> <p>EN-10781</p>	 <p>Diagram showing the location of component (2) in the instrument cluster, labeled CHECK ENGINE.</p> <p>EN-10831</p>
 <p>Diagram showing the location of component (3) in the fuse block.</p> <p>EN-10210</p>	 <p>Diagram showing the location of component (4) in the engine bay.</p> <p>EN-10211</p>
 <p>Diagram showing the location of component (5) in the engine bay.</p> <p>EN-10971</p>	<p>SUBARU.</p>

### 2. SENSOR

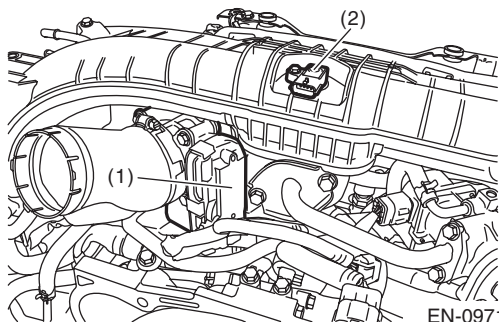


EN-10815

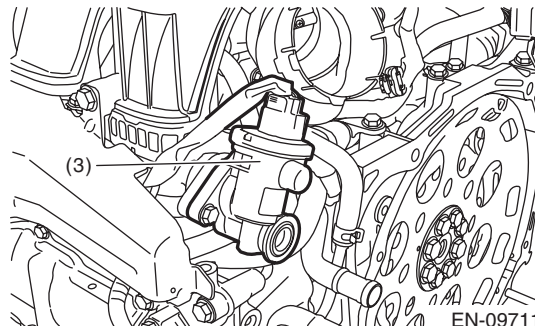
- |  |                                      |  |
|--|--------------------------------------|--|
| (1) Electronic throttle control                                  | (6) Knock sensor LH                  | (11) Engine coolant temperature sensor               |
| (2) Manifold absolute pressure and intake air temperature sensor | (7) Intake camshaft position sensor  | (12) Mass air flow and intake air temperature sensor |
| (3) Tumble generator valve ASSY (with built-in sensor)           | (8) Exhaust camshaft position sensor | (13) Fuel pressure sensor                            |
| (4) Crankshaft position sensor                                   | (9) Engine oil temperature sensor    | (14) Ambient sensor                                  |
| (5) Knock sensor RH  | (10) Battery sensor                  |  |

# Electrical Component Location

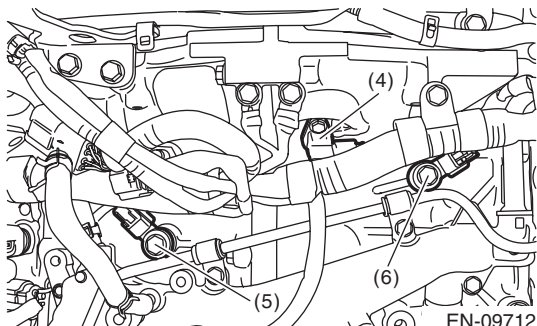
## ENGINE (DIAGNOSTICS)



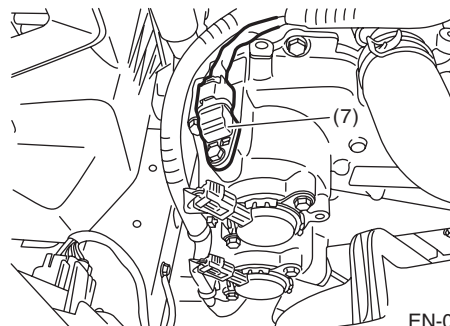
EN-09710



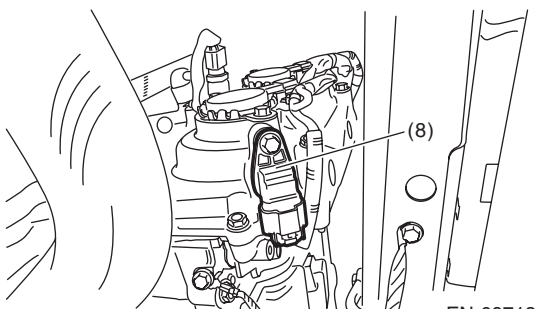
EN-09711



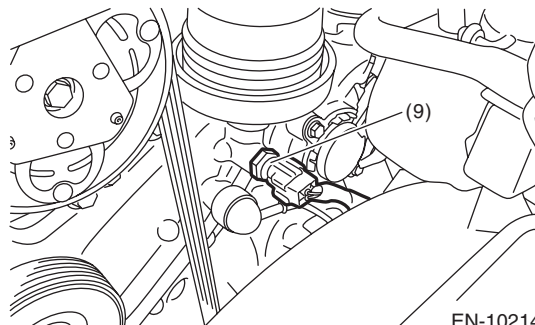
EN-09712



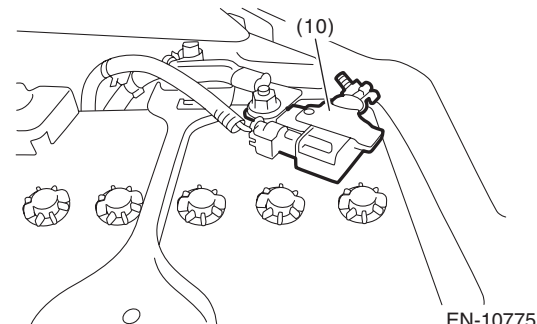
EN-09025



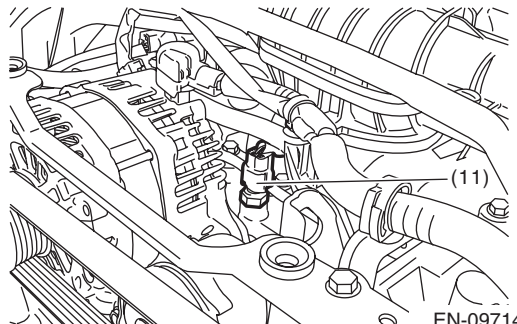
EN-09713



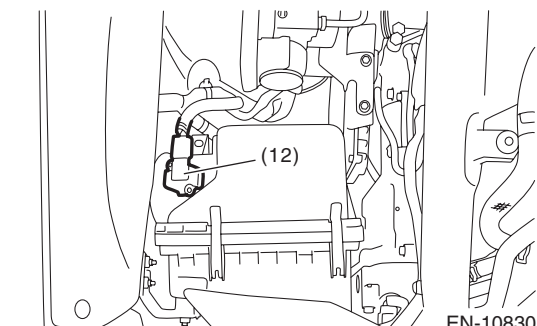
EN-10214



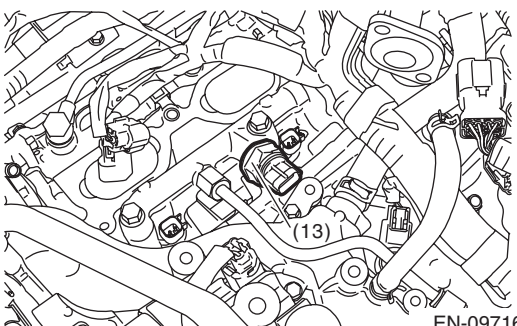
EN-10775



EN-09714



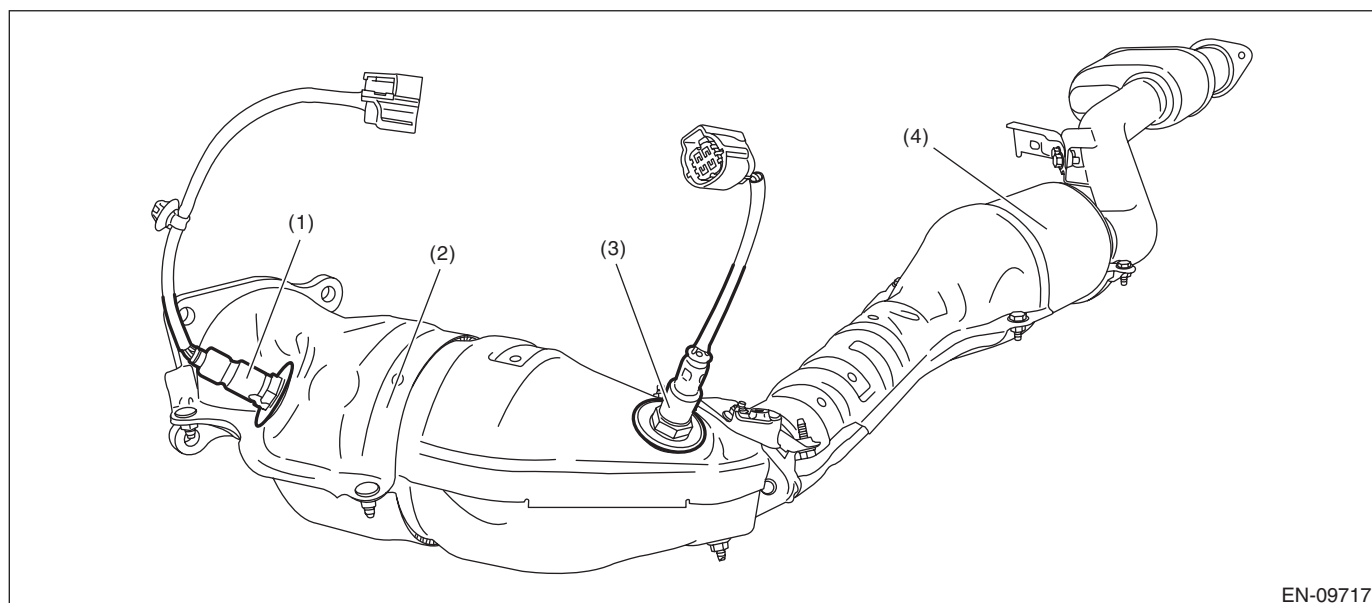
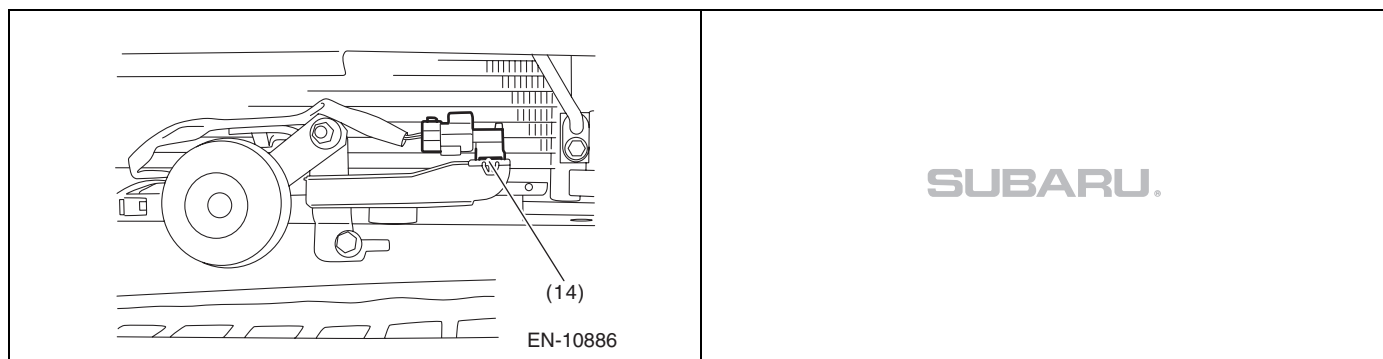
EN-10830



EN-09716

# Electrical Component Location

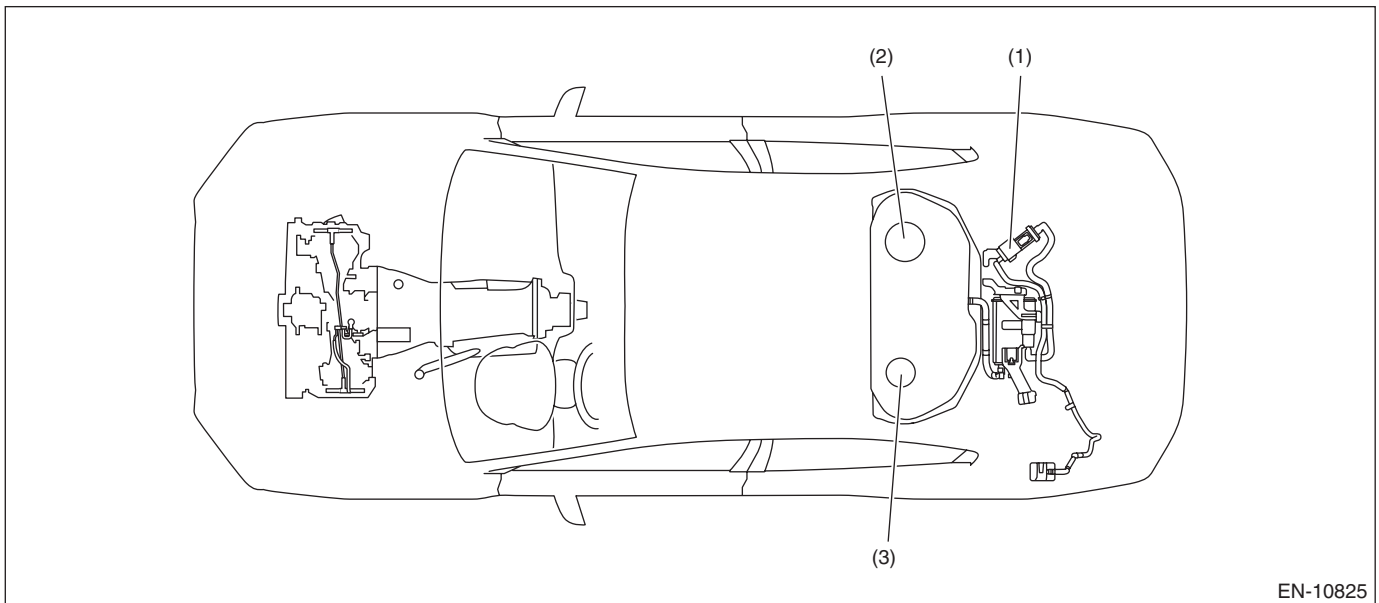
ENGINE (DIAGNOSTICS)



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

# Electrical Component Location

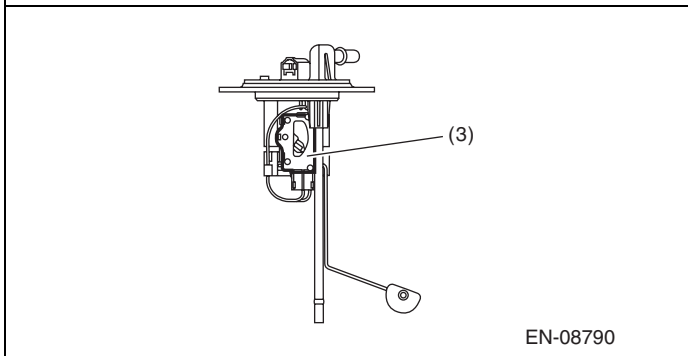
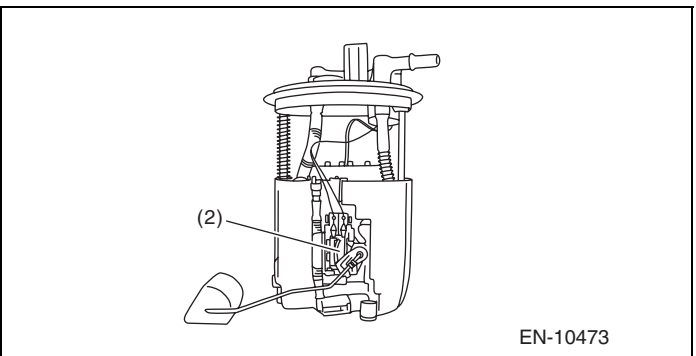
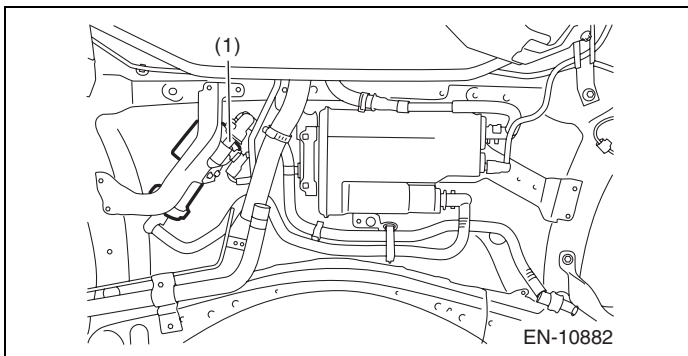
## ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY (with built-in pressure sensor)

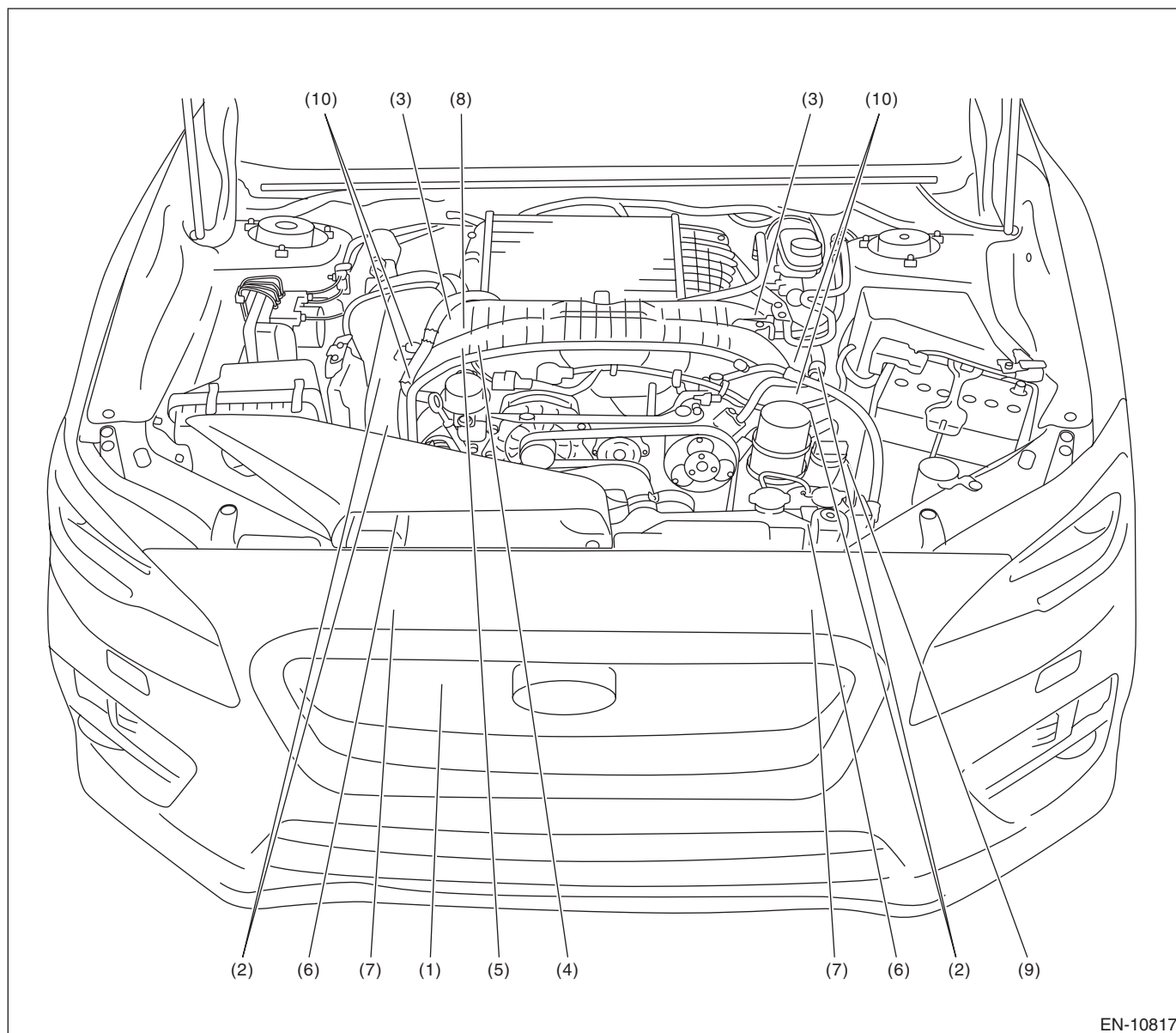
(2) Fuel level sensor

(3) Fuel sub level sensor



SUBARU.

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



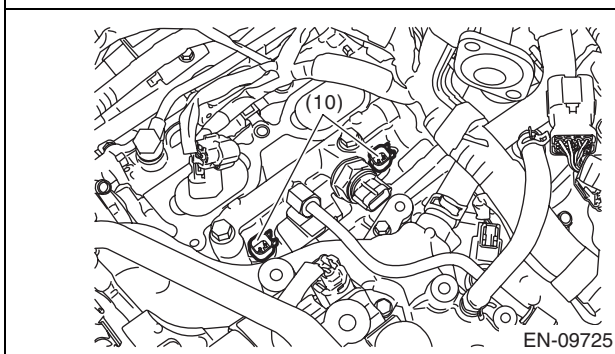
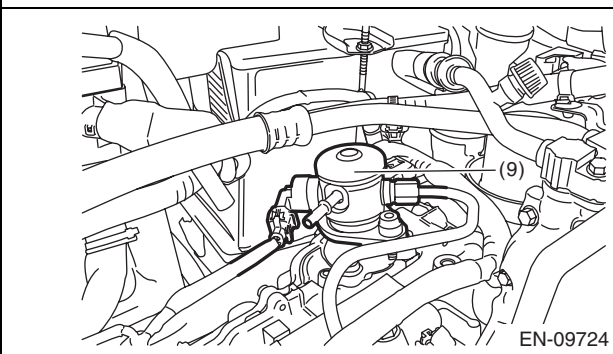
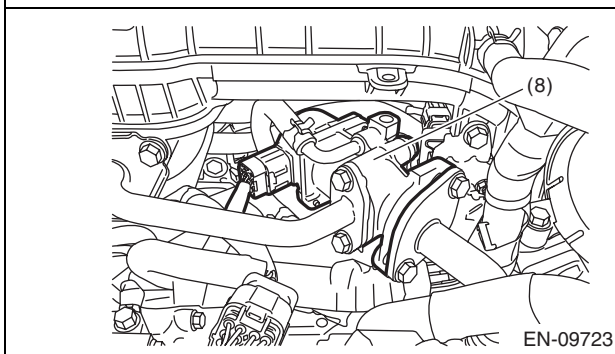
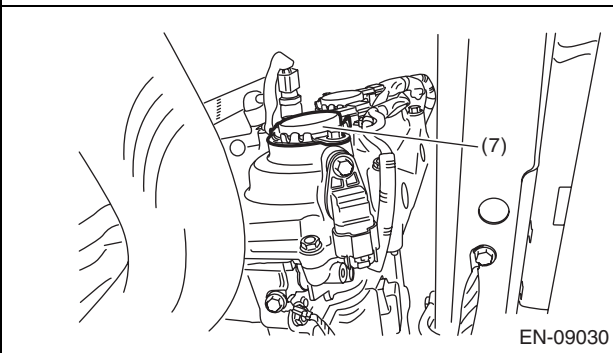
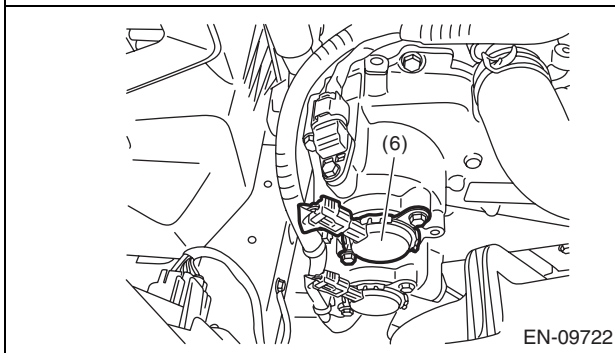
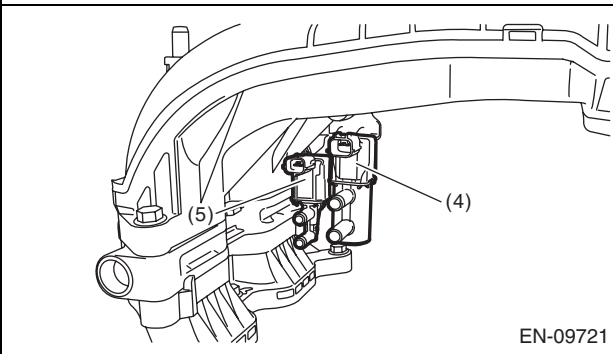
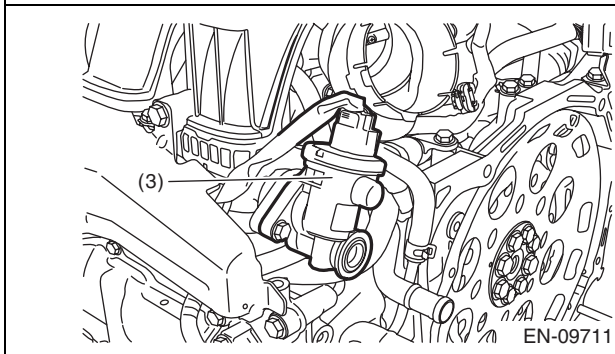
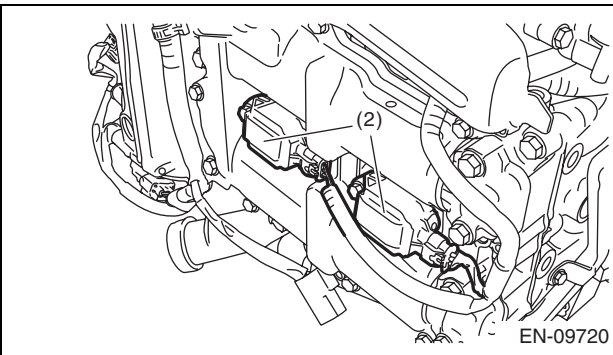
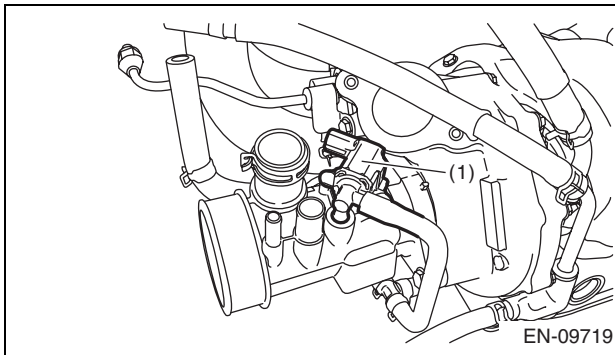
EN-10817

- |                                      |                                    |                             |
|--------------------------------------|------------------------------------|-----------------------------|
| (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 ASSY      | (7) Exhaust oil control solenoid   |                             |
| (4) Purge control solenoid valve 1   | (8) EGR control valve              |                             |



# Electrical Component Location

## ENGINE (DIAGNOSTICS)

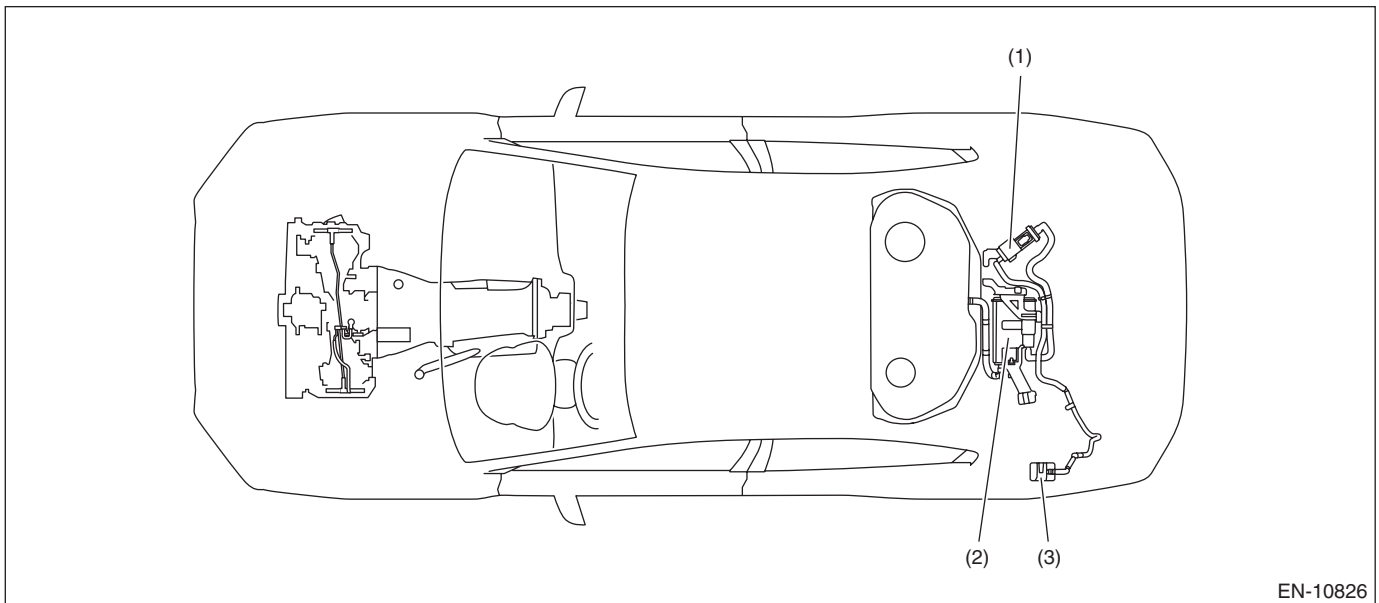


SUBARU.



# Electrical Component Location

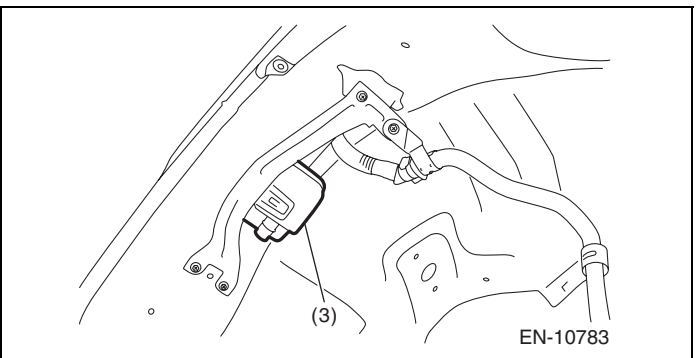
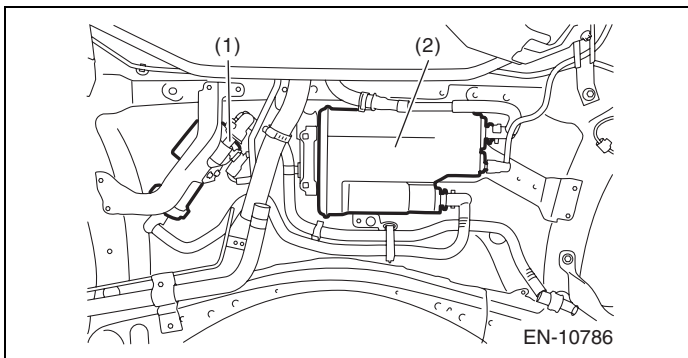
ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

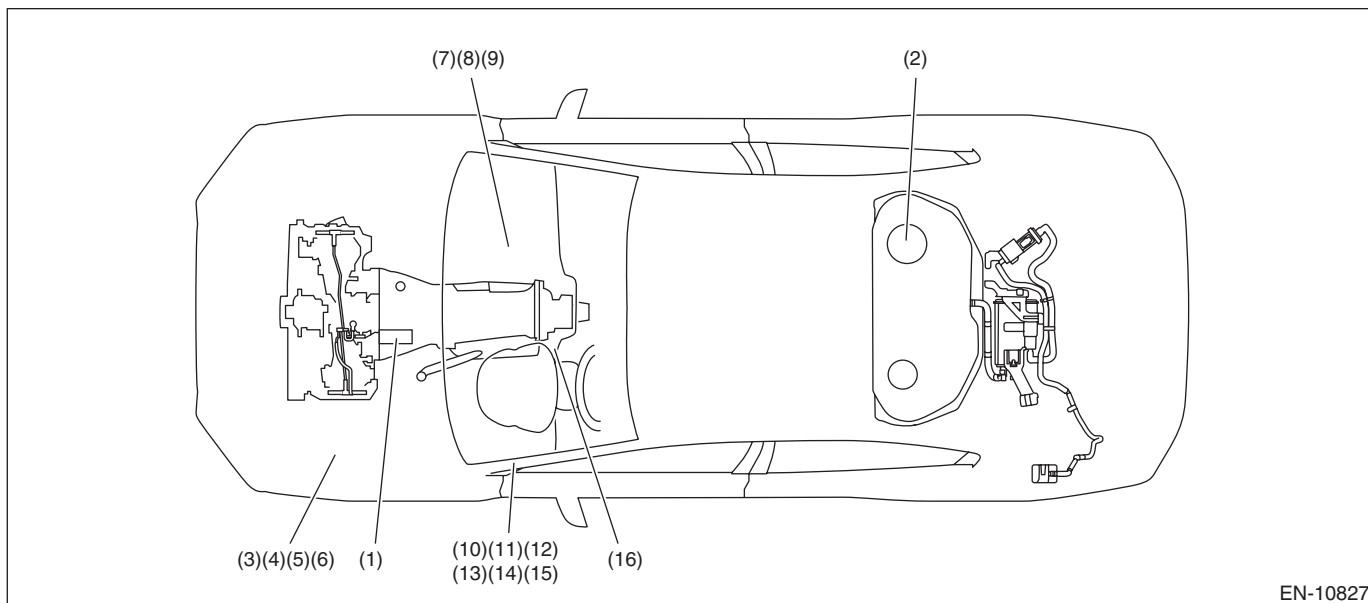
(2) Canister

(3) Drain filter



# Electrical Component Location

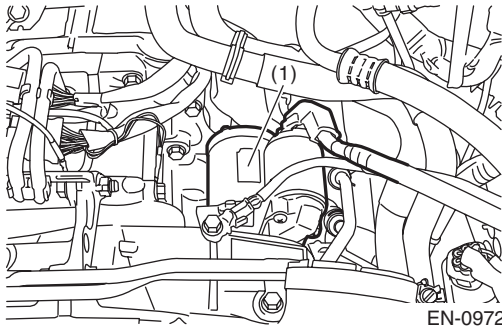
## ENGINE (DIAGNOSTICS)



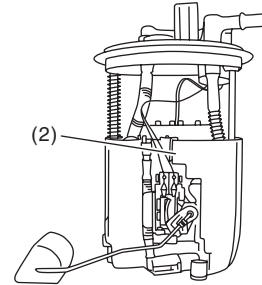
- |                               |  |   |
|-------------------------------|--|---|
| (1) Starter                   | (7) Main relay                         | (12) Starter relay  |
| (2) Fuel pump                 | (8) IG relay                           | (13) Starter cut relay (model with push button start)                 |
| (3) Radiator main fan relay 1 | (9) Fuel pump 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       |  |   |

# Electrical Component Location

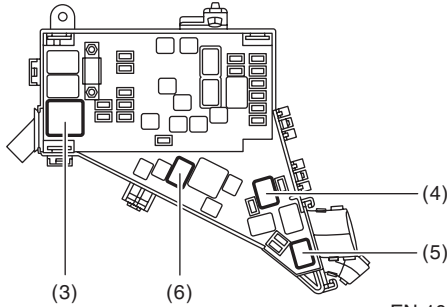
ENGINE (DIAGNOSTICS)



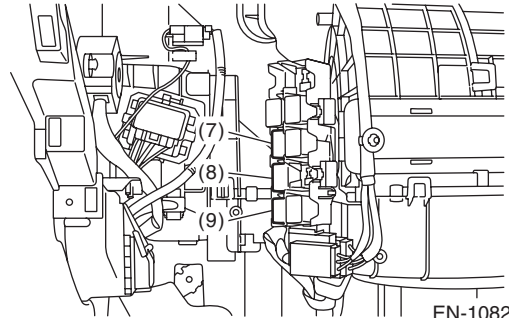
EN-09727



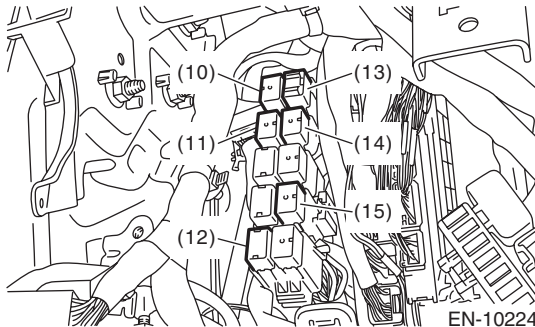
EN-10186



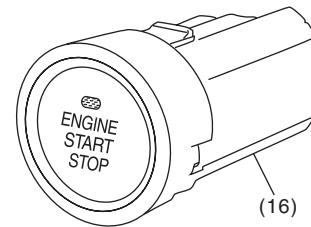
EN-10829



EN-10828

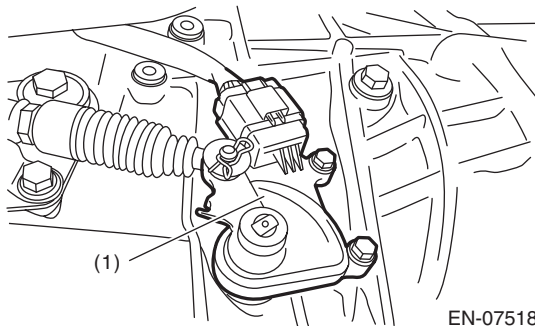


EN-10224

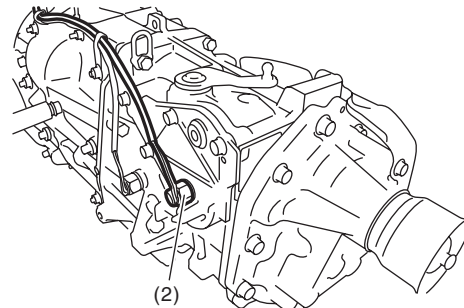


EN-10226

## 4. TRANSMISSION



EN-07518



EN-10889

(1) Inhibitor switch (CVT model)

(2) Neutral position switch (MT model)