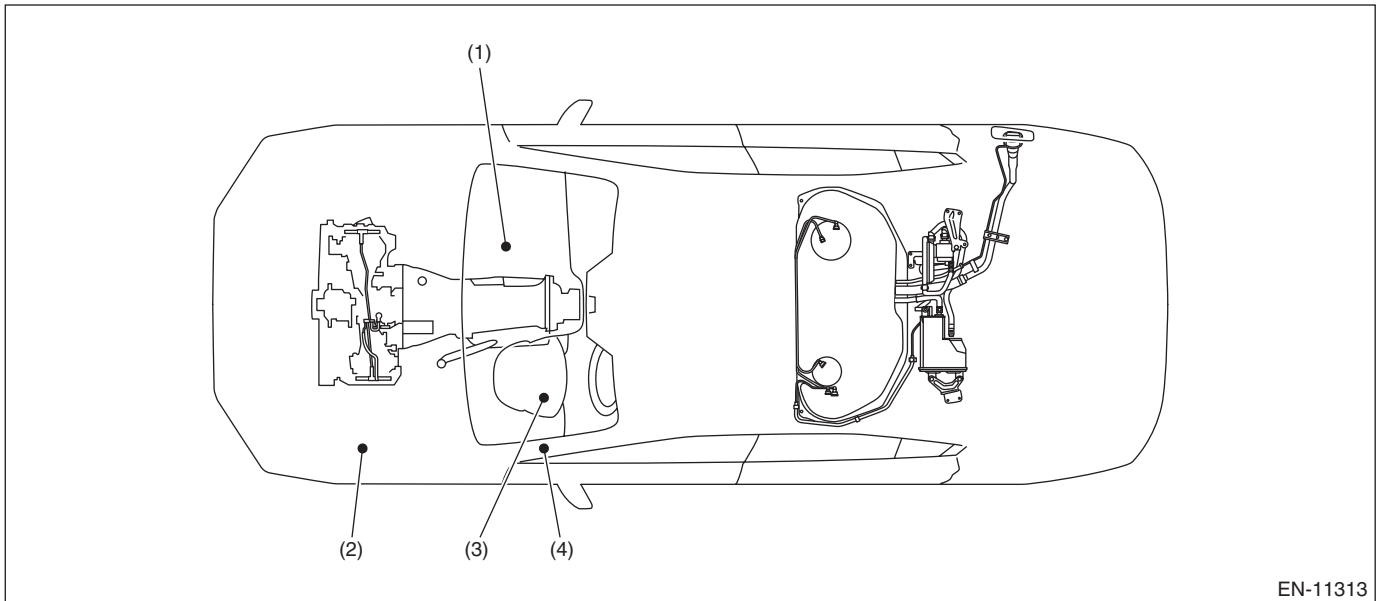


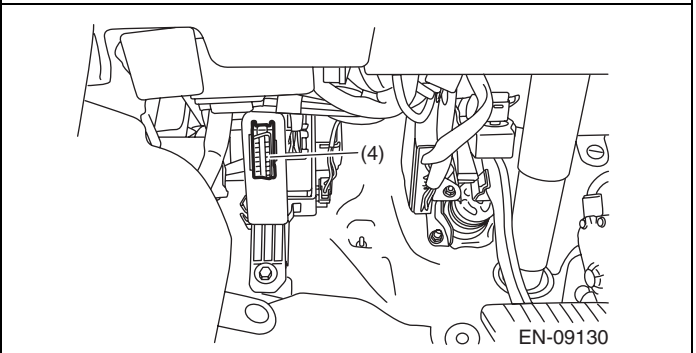
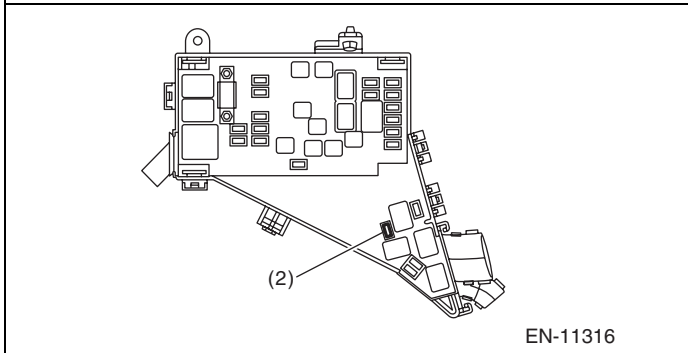
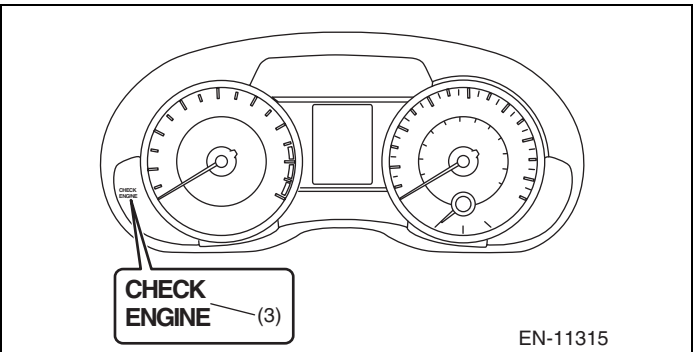
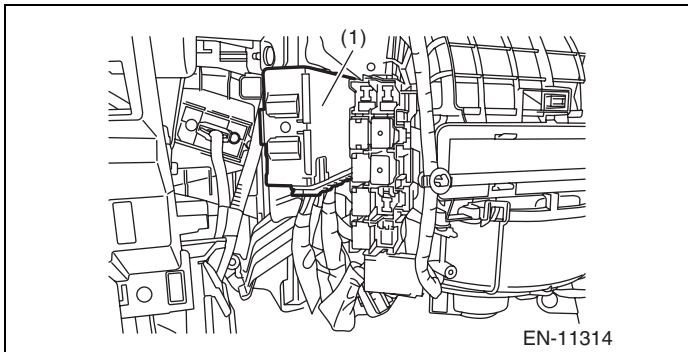
## 4. Electrical Component Location

### A: LOCATION

#### 1. CONTROL MODULE



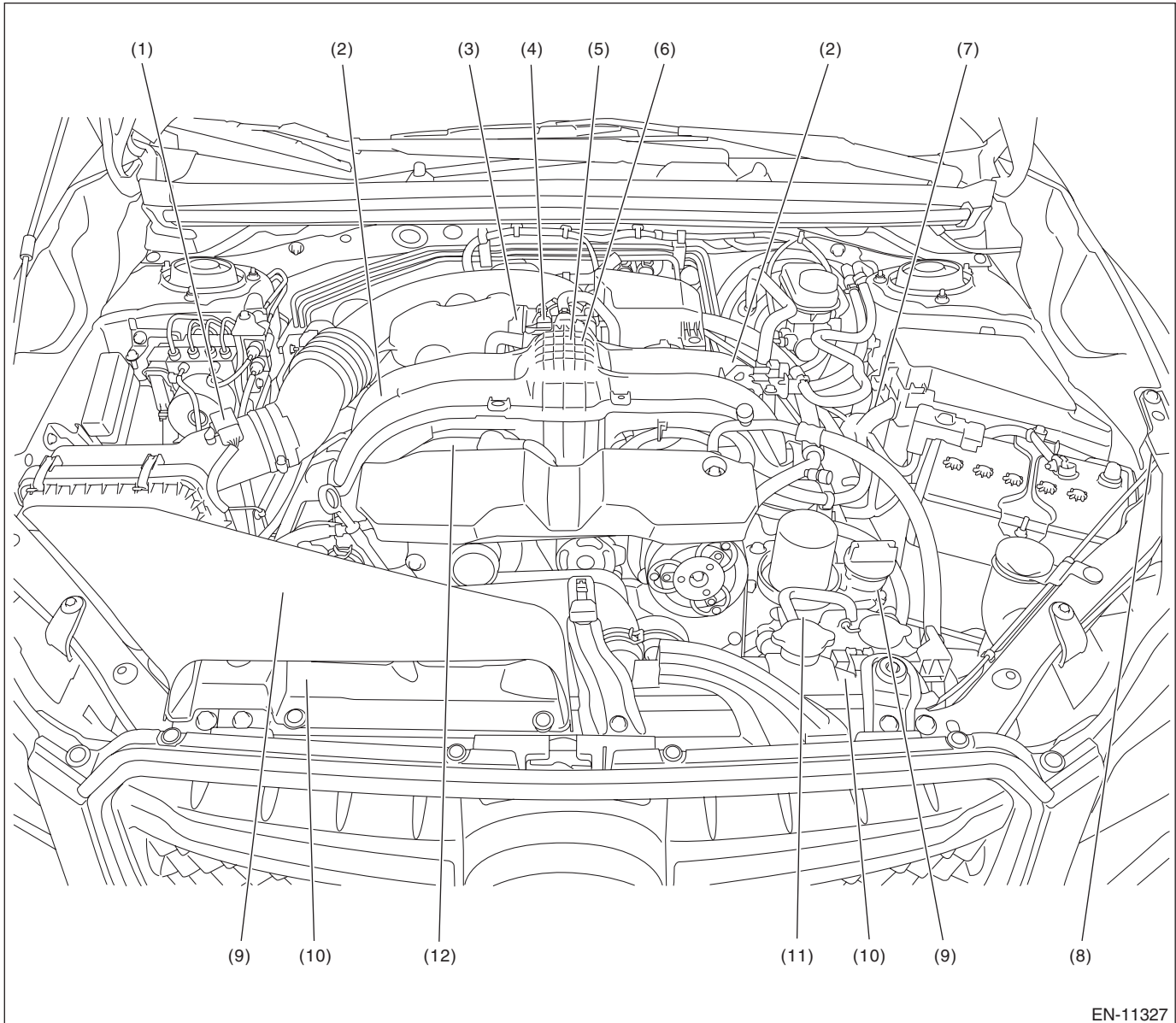
- |                                 |                                 |                         |
|---------------------------------|---------------------------------|-------------------------|
| (1) Engine control module (ECM) | (3) Malfunction indicator light | (4) Data link connector |
| (2) Delivery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



# Electrical Component Location

## ENGINE (DIAGNOSTICS)

### 2. SENSOR

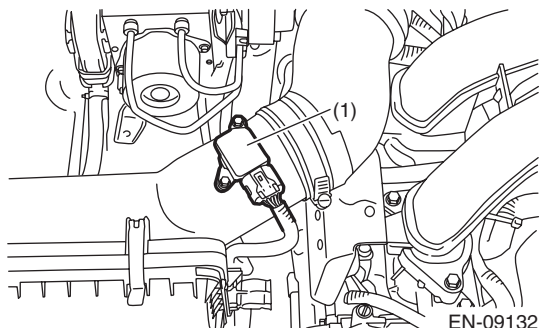


EN-11327

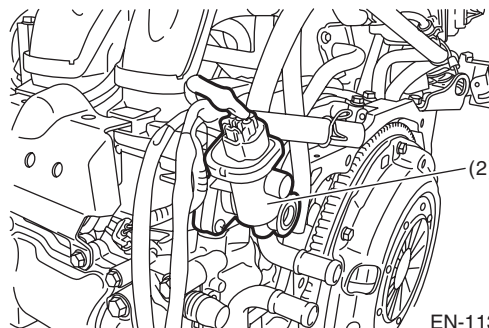
- |   |                                |  |
|---|--------------------------------|--|
| (1) Mass air flow and intake air temperature sensor                       | (5) Crankshaft position sensor | (9) Intake camshaft position sensor    |
| (2) Tumble generator valve actuators (with built-in opening angle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

# Electrical Component Location

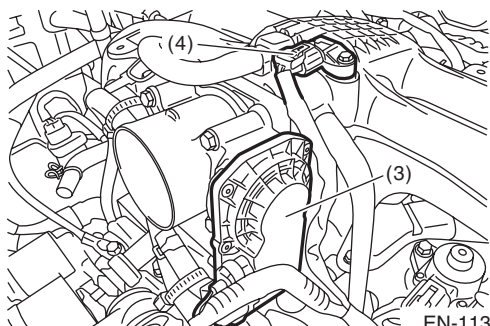
ENGINE (DIAGNOSTICS)



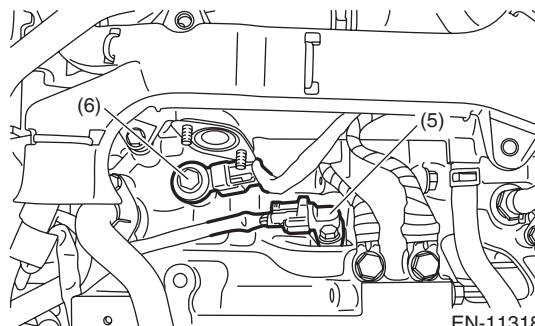
EN-09132



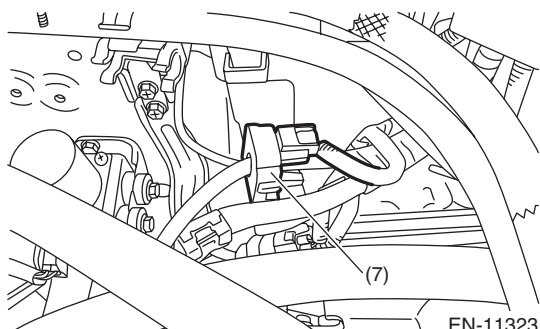
EN-11319



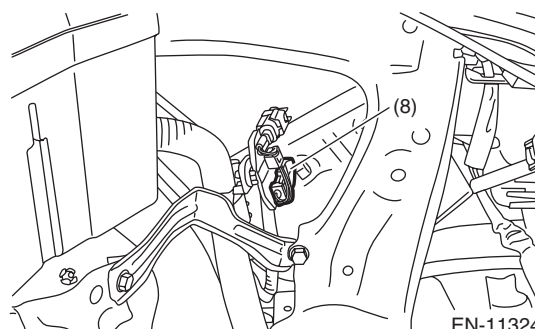
EN-11317



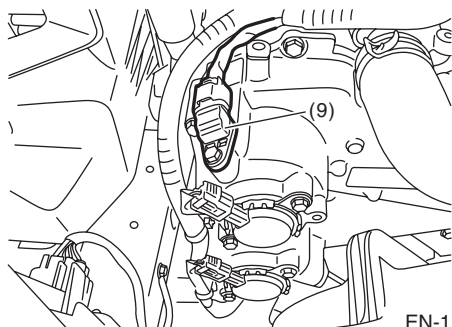
EN-11318



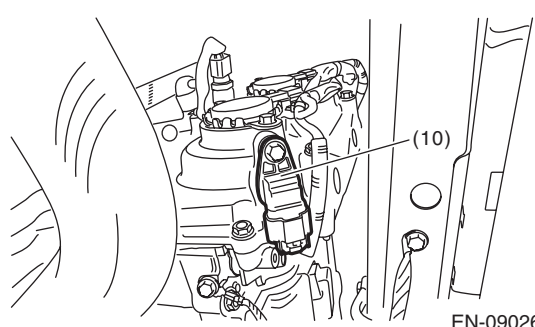
EN-11323



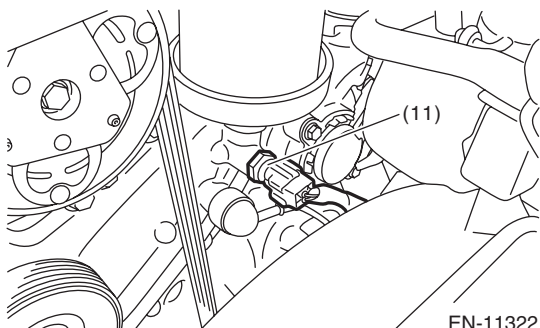
EN-11324



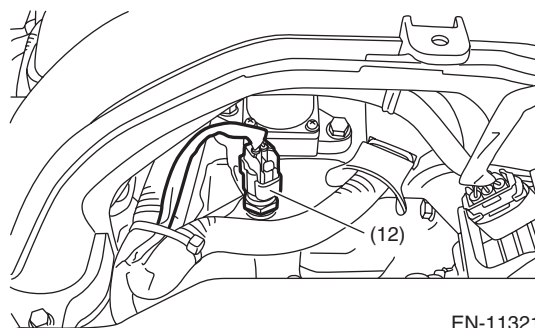
EN-11320



EN-09026



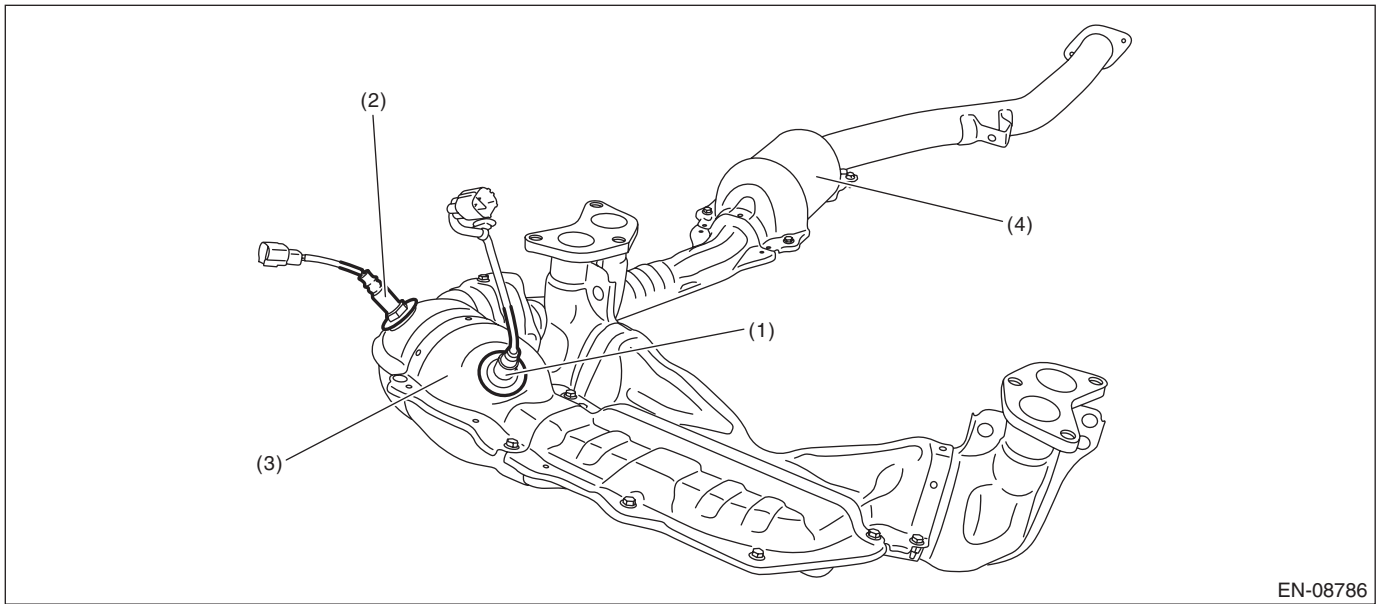
EN-11322



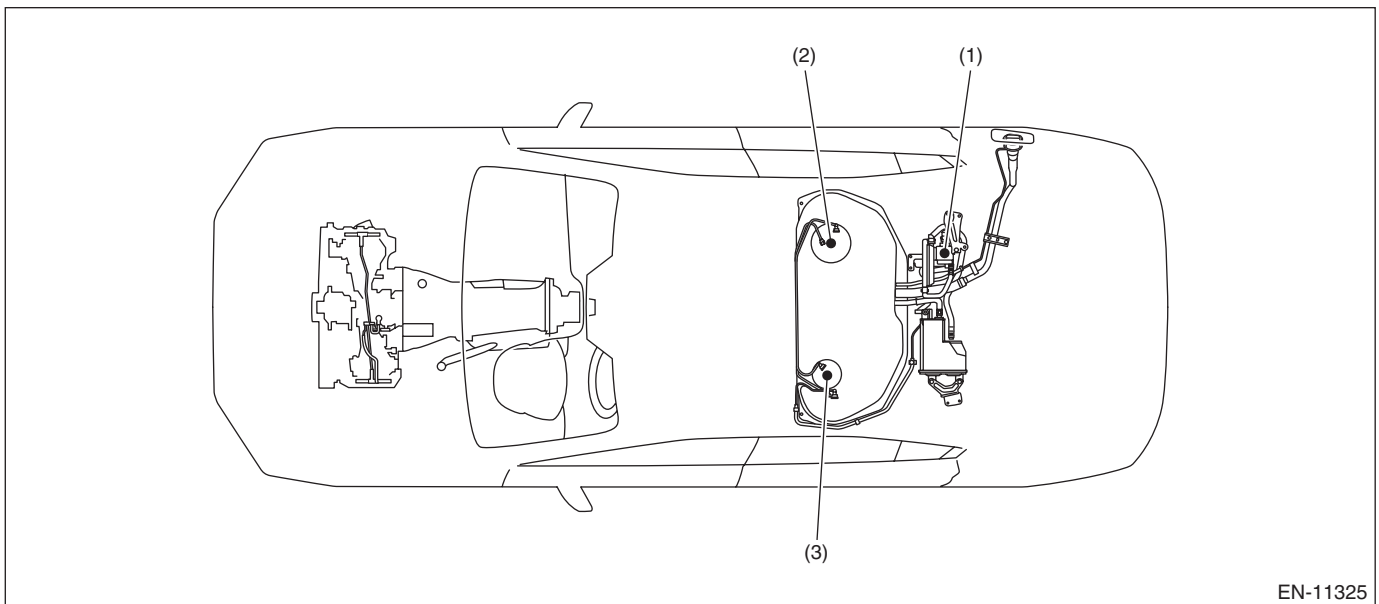
EN-11321

# Electrical Component Location

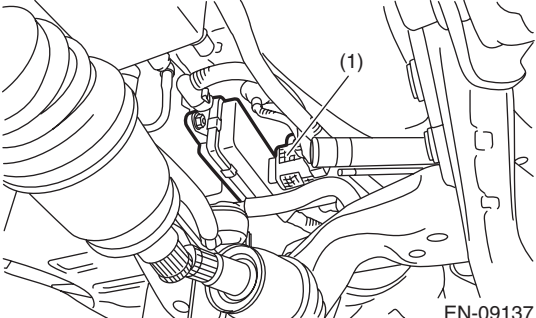
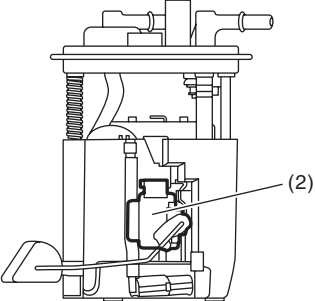
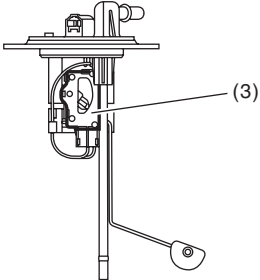
## ENGINE (DIAGNOSTICS)



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



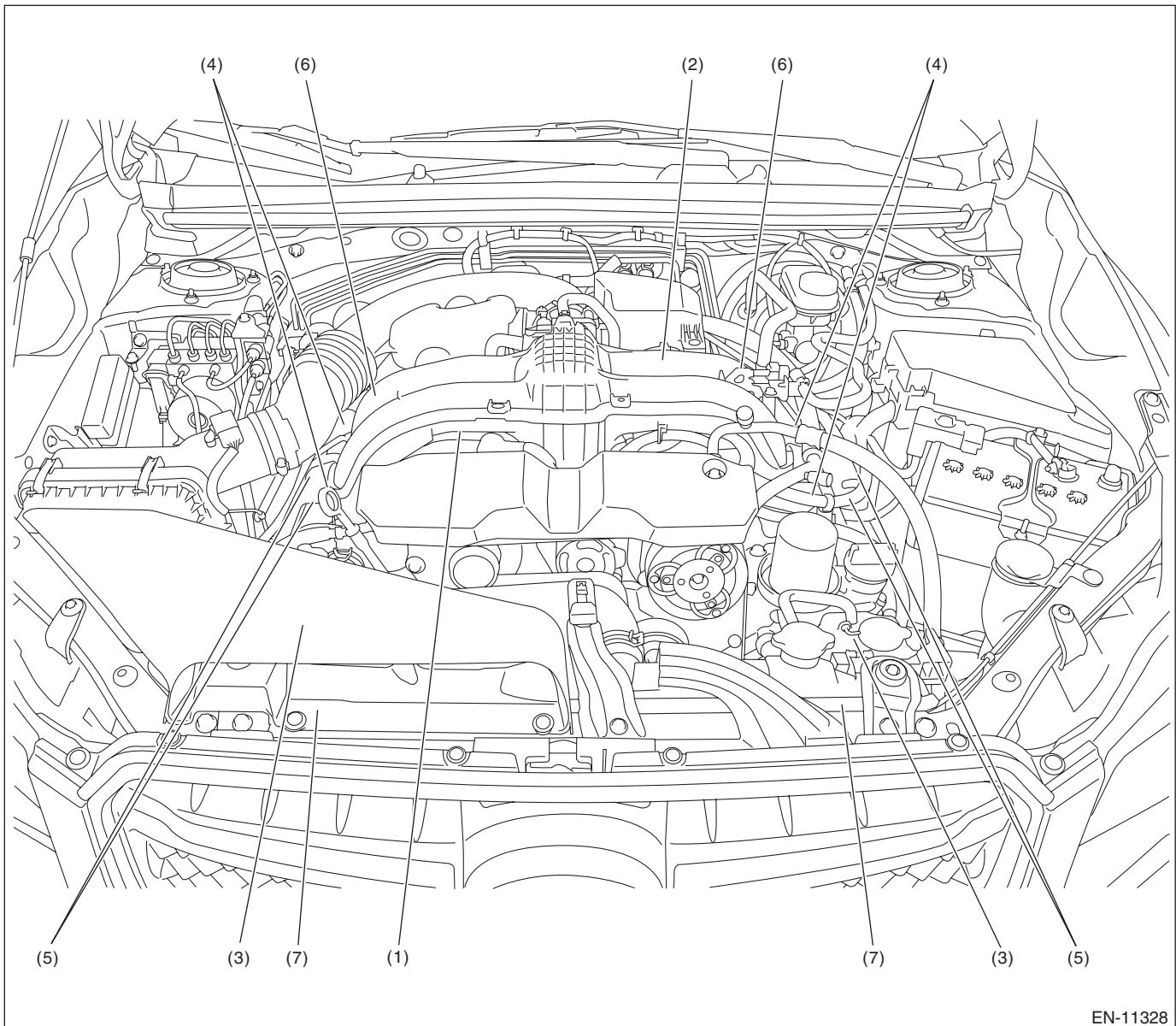
- (1) Leak check valve ASSY (with built-in pressure sensor)
- (2) Fuel level sensor
- (3) Fuel sub level sensor

 <p>EN-09137</p>	 <p>EN-11326</p>
 <p>EN-08790</p>	<p>SUBARU.</p>

# Electrical Component Location

## ENGINE (DIAGNOSTICS)

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

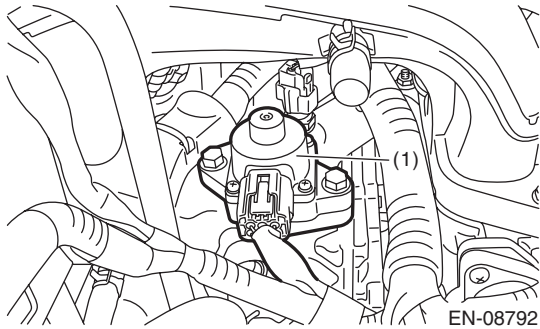


- |                                  |                   |                                     |
|----------------------------------|-------------------|-------------------------------------|
| (1) EGR control valve            | (4) Fuel injector | (6) Tumble generator valve actuator |
| (2) Purge control solenoid valve | (5) Ignition coil | (7) Exhaust oil control solenoid    |
| (3) Intake oil control solenoid  |                   |                                     |

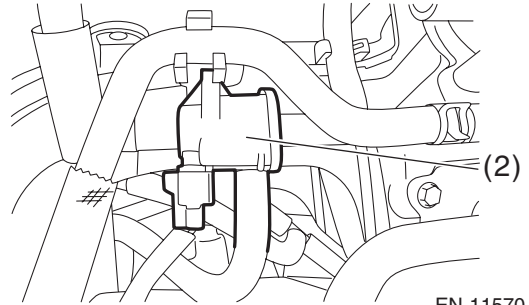


# Electrical Component Location

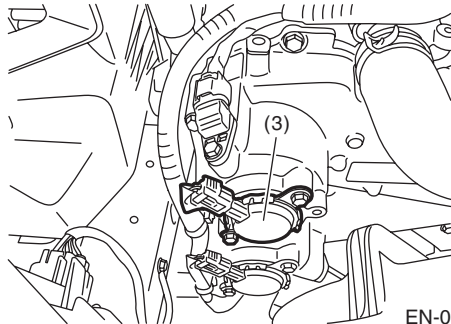
ENGINE (DIAGNOSTICS)



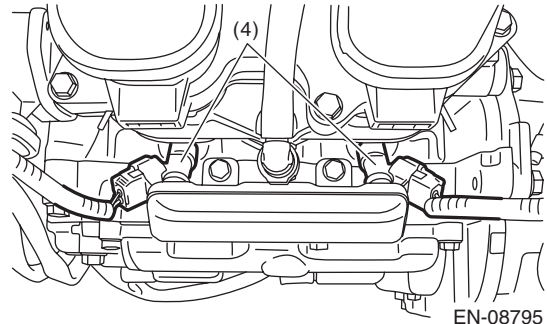
EN-08792



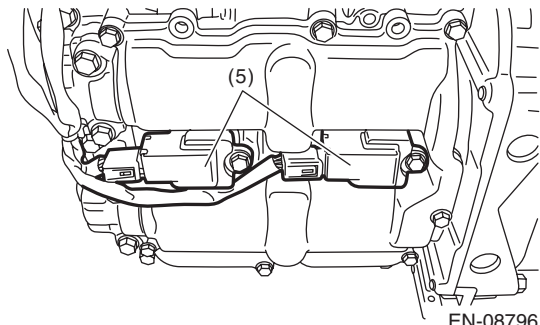
EN-11570



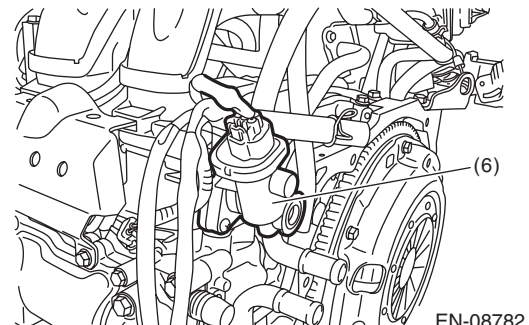
EN-09029



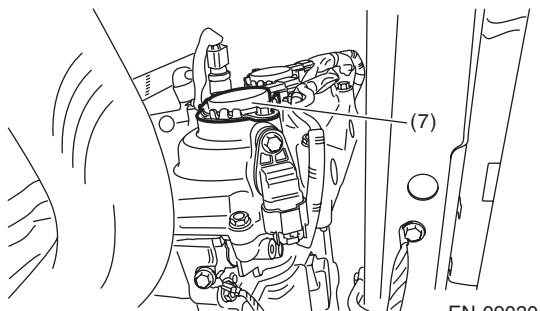
EN-08795



EN-08796



EN-08782

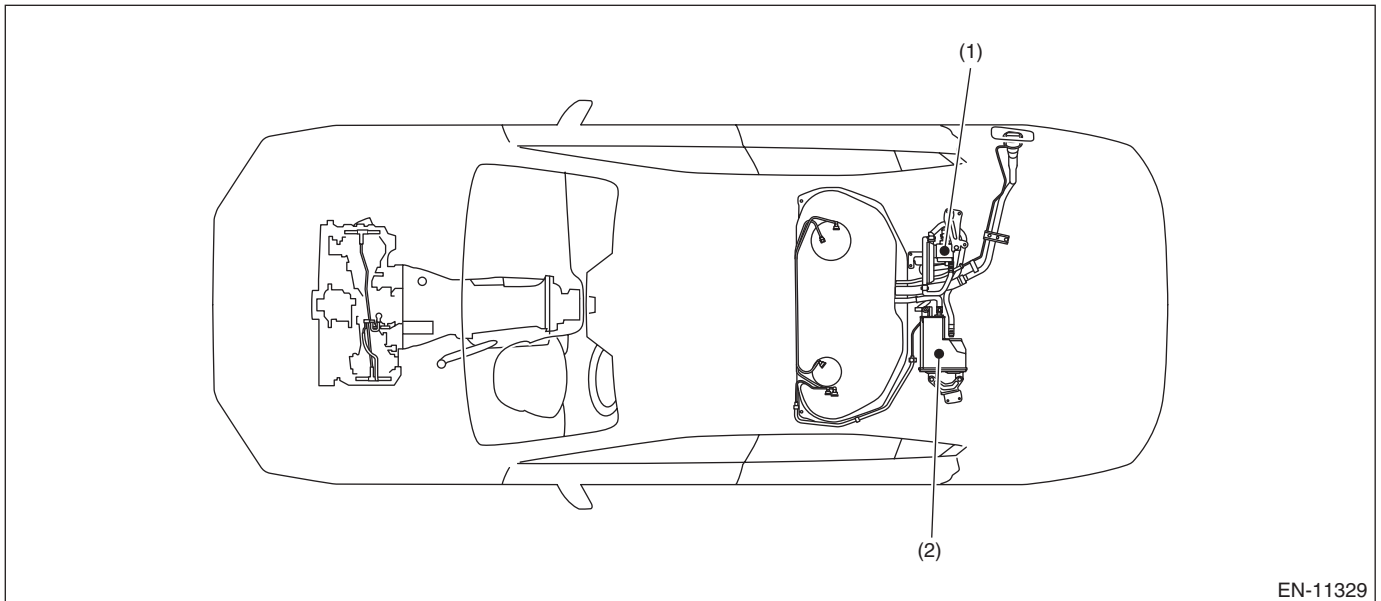


EN-09030

SUBARU.

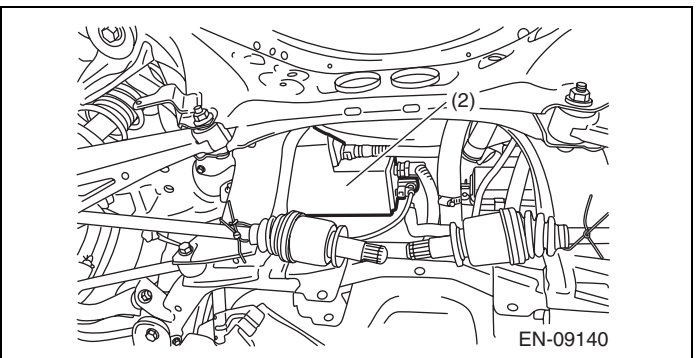
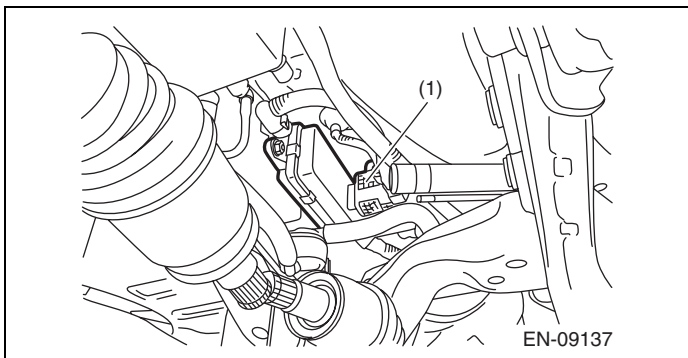
# Electrical Component Location

## ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

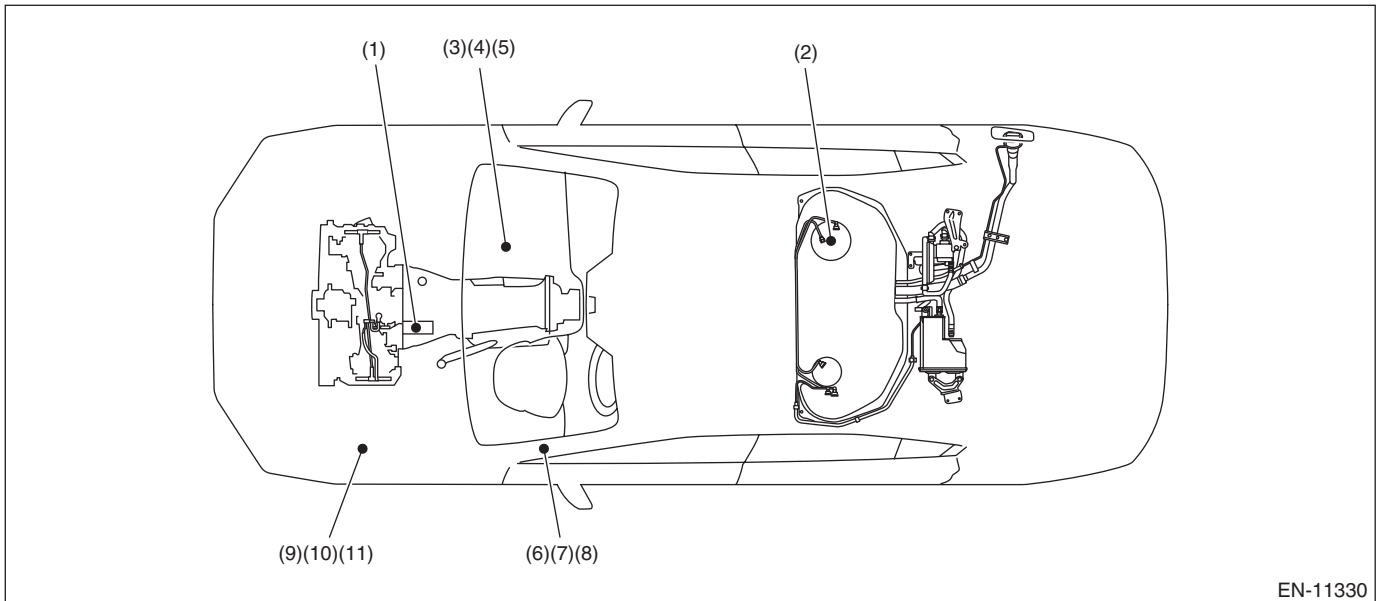
(2) Canister





# Electrical Component Location

ENGINE (DIAGNOSTICS)

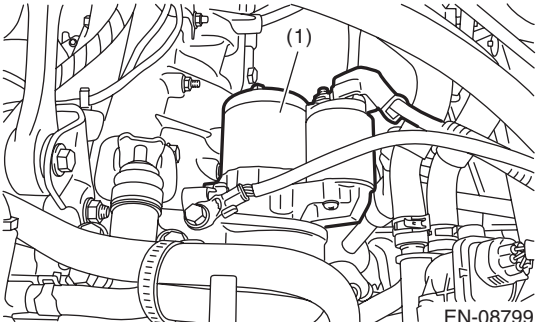
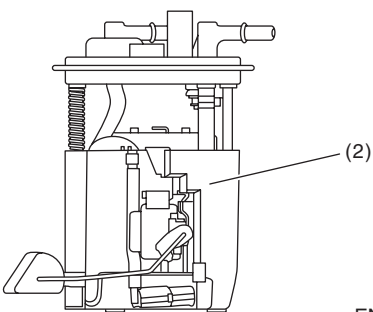
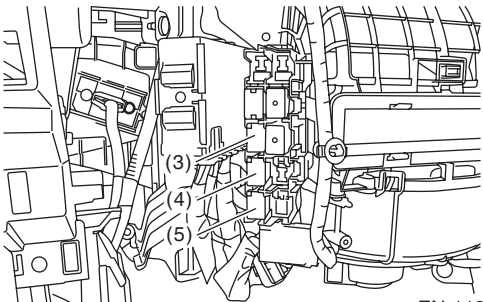
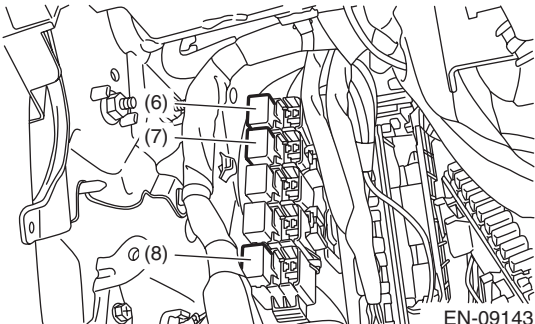
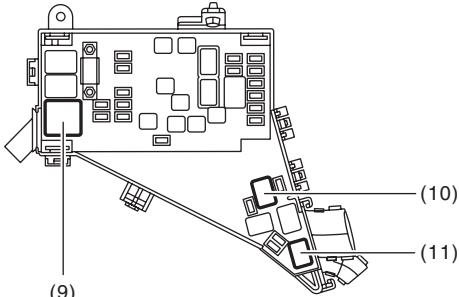


EN-11330

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

Electrical Component Location

ENGINE (DIAGNOSTICS)

 <p>EN-08799</p>	 <p>EN-11331</p>
 <p>EN-11332</p>	 <p>EN-09143</p>
 <p>EN-09144</p>	