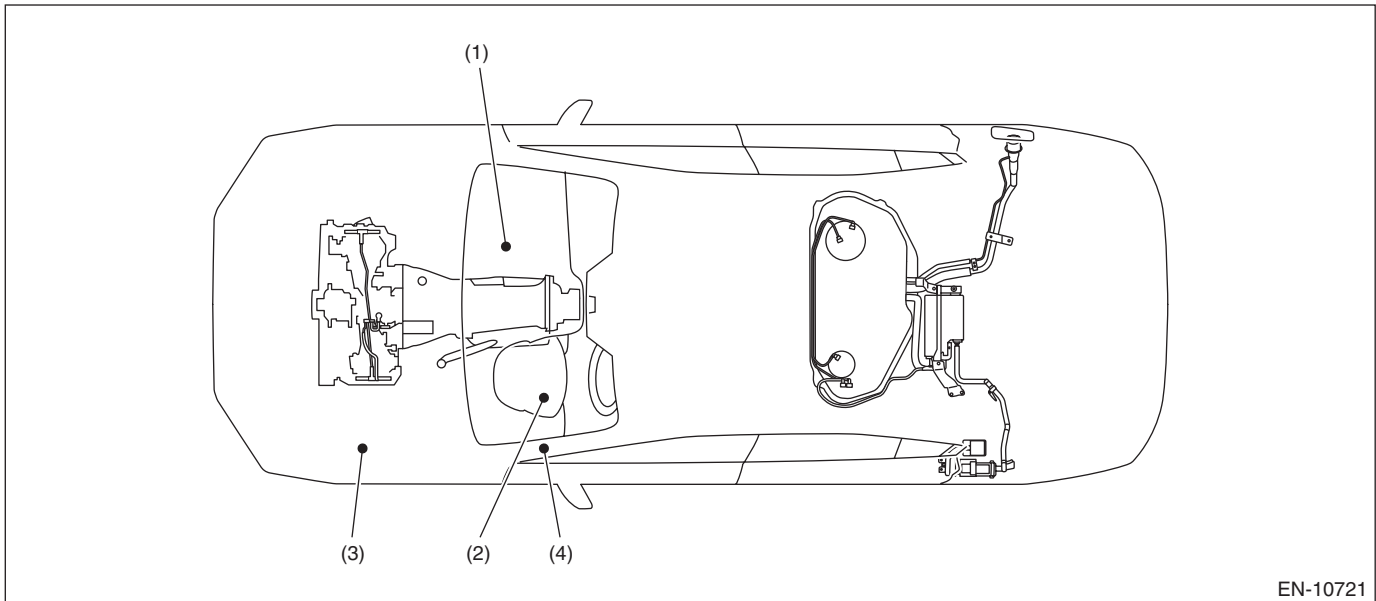


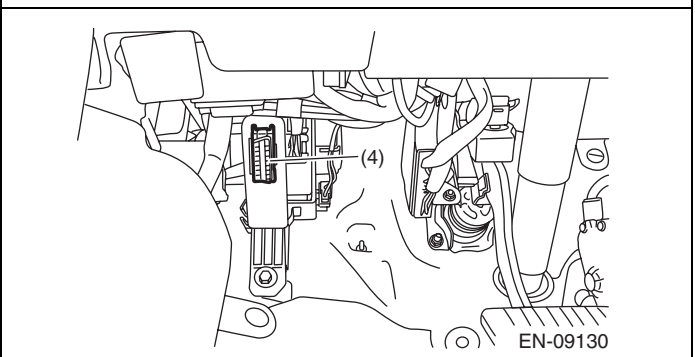
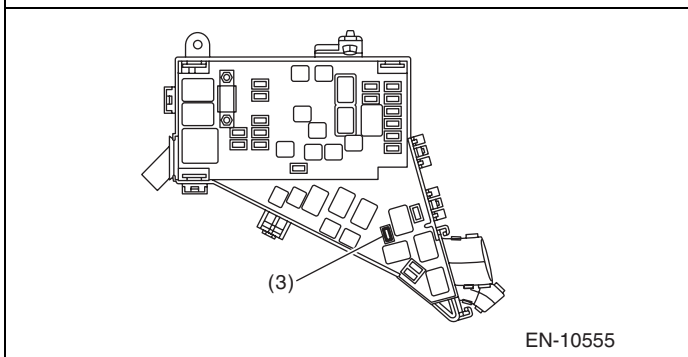
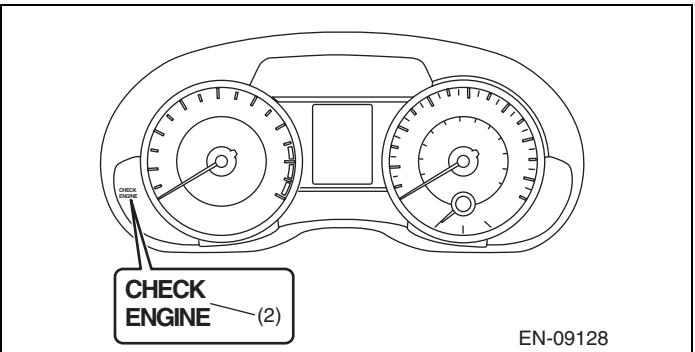
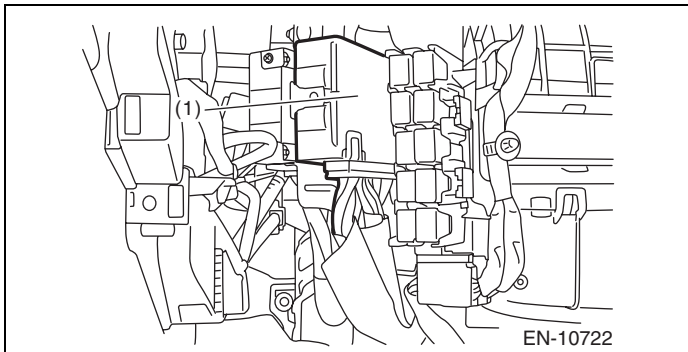
4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



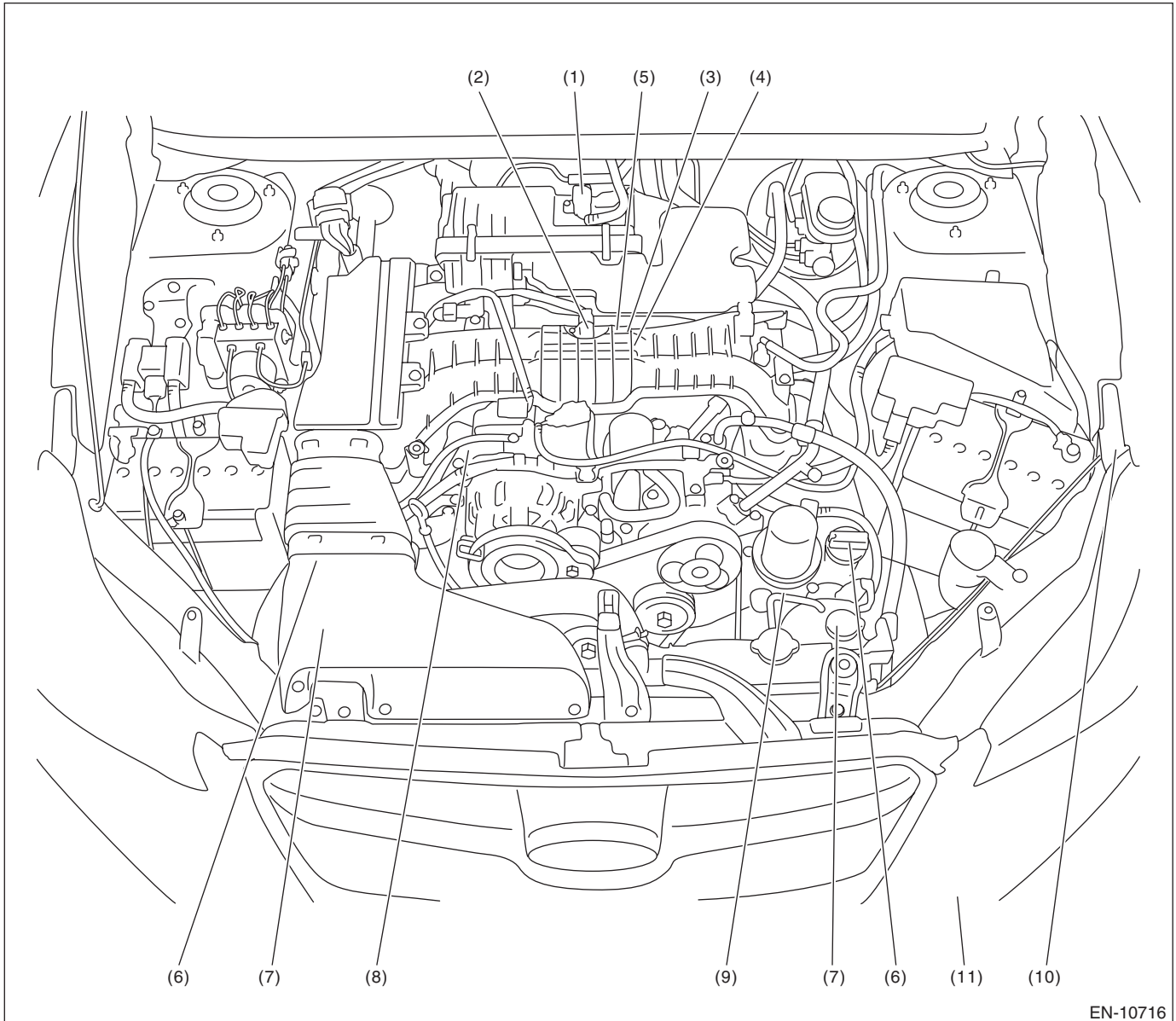
- | | | |
|---------------------------------|-------------------------------|-------------------------|
| (1) Engine control module (ECM) | (3) Delivery (test) mode fuse | (4) Data link connector |
| (2) Malfunction indicator light | | |



Electrical Component Location

ENGINE (DIAGNOSTICS)

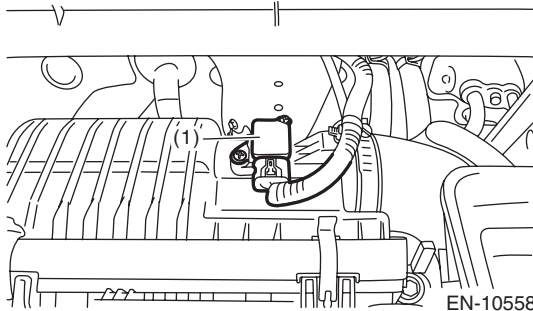
2. SENSOR



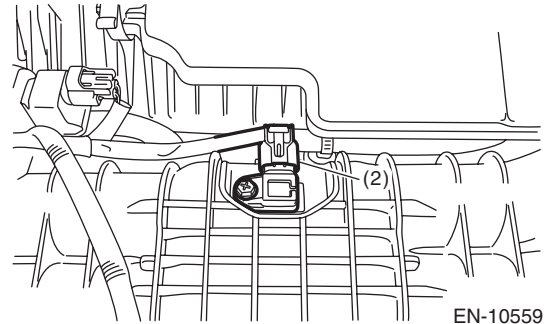
- | | | |
|---|---------------------------------------|-----------------------------------|
| (1) Mass air flow and intake air temperature sensor | (5) Crankshaft position sensor | (9) Engine oil temperature sensor |
| (2) Manifold absolute pressure sensor | (6) Intake camshaft position sensor | (10) Battery temperature sensor |
| (3) Electronic throttle control | (7) Exhaust camshaft position sensor | (11) Ambient sensor |
| (4) Knock sensor | (8) Engine coolant temperature sensor | |

Electrical Component Location

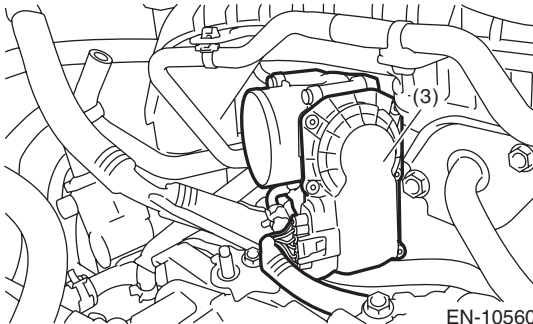
ENGINE (DIAGNOSTICS)



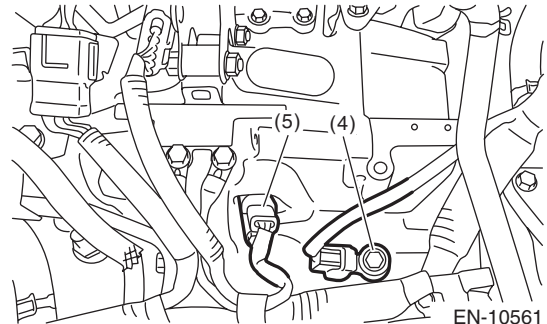
EN-10558



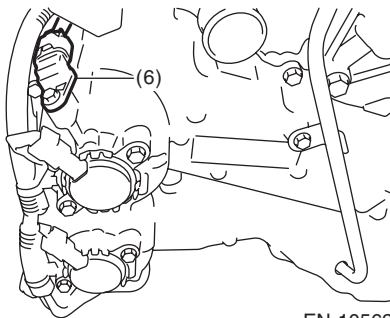
EN-10559



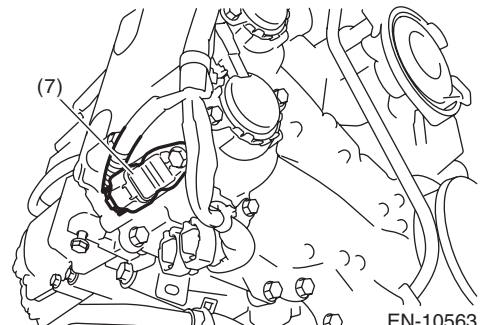
EN-10560



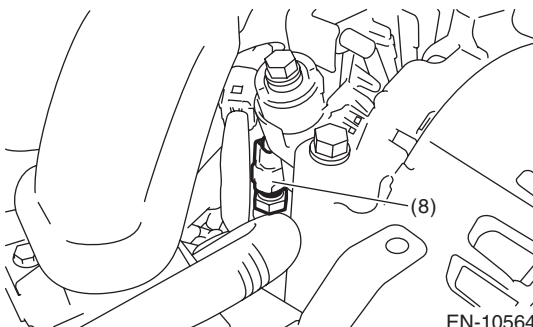
EN-10561



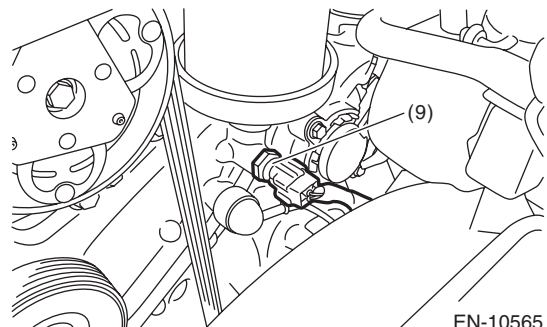
EN-10562



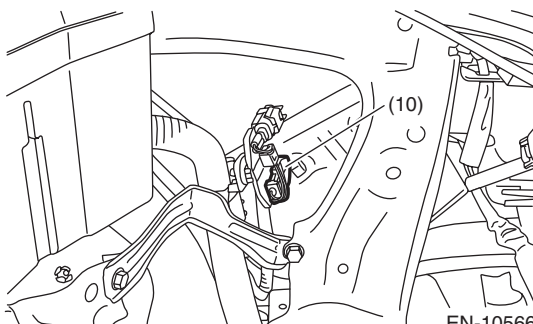
EN-10563



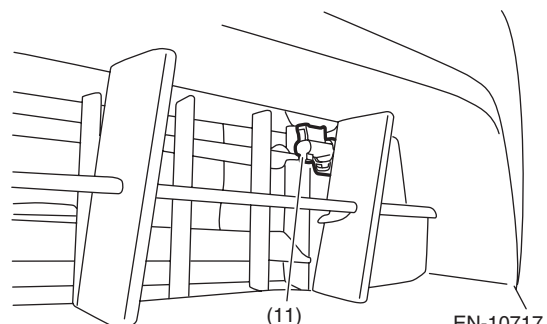
EN-10564



EN-10565



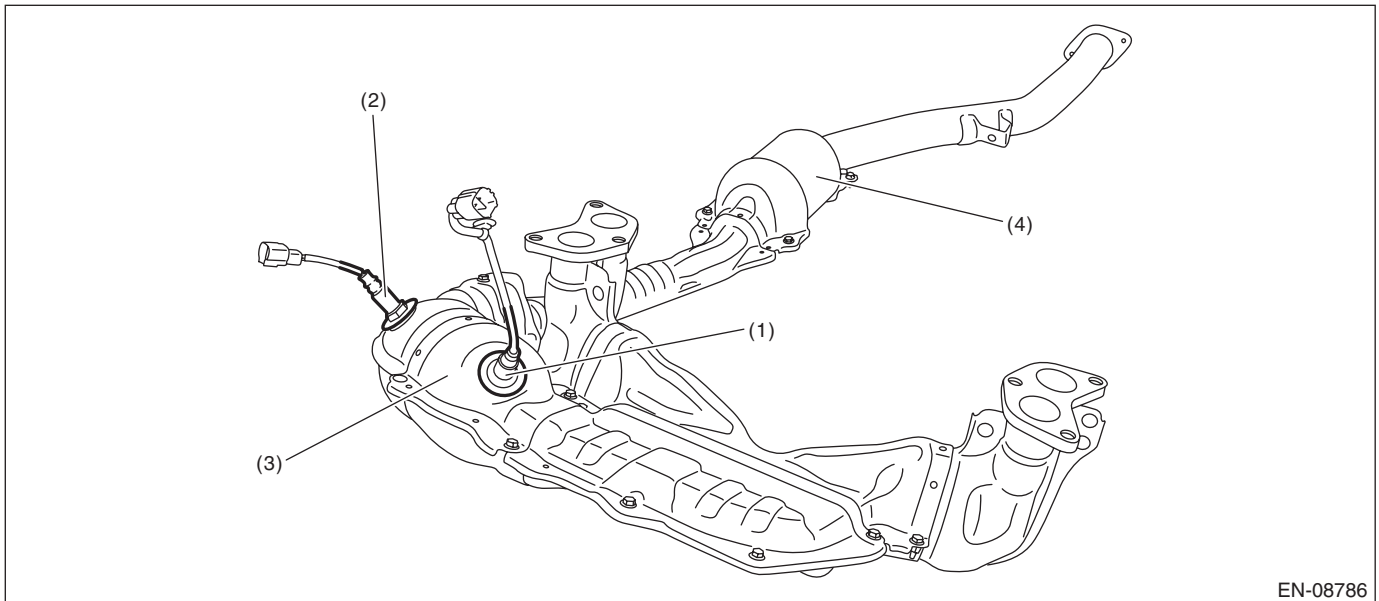
EN-10566



EN-10717

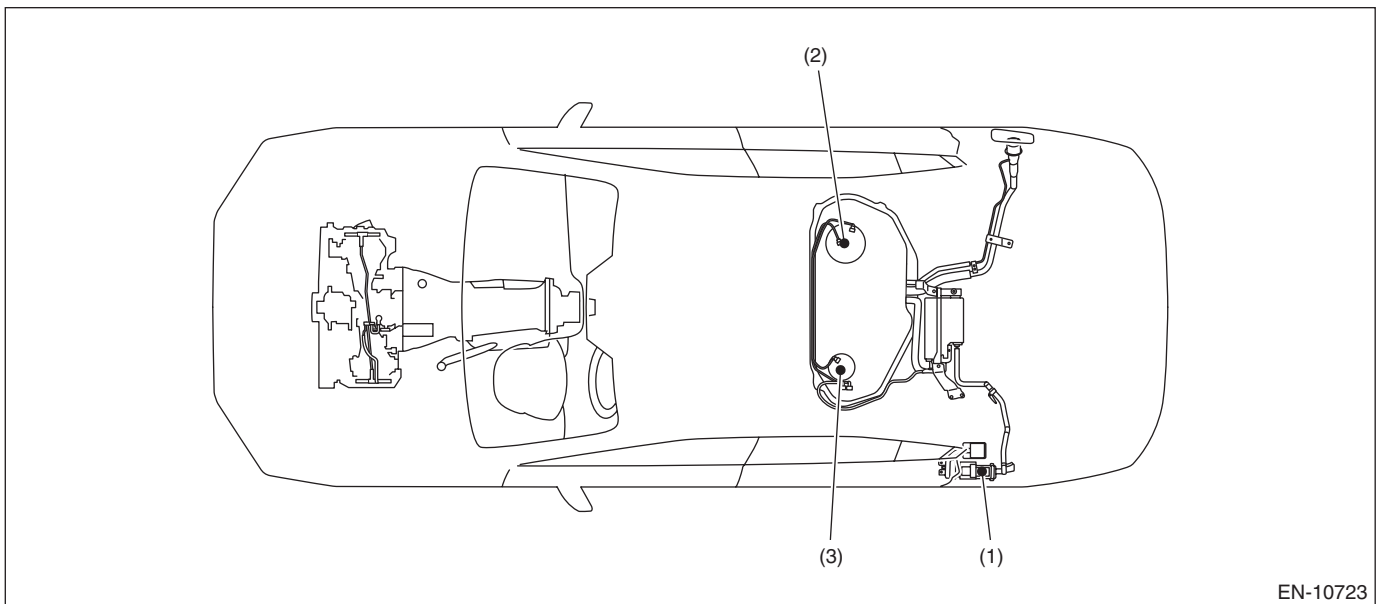
Electrical Component Location

ENGINE (DIAGNOSTICS)



EN-08786

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



EN-10723

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

Electrical Component Location

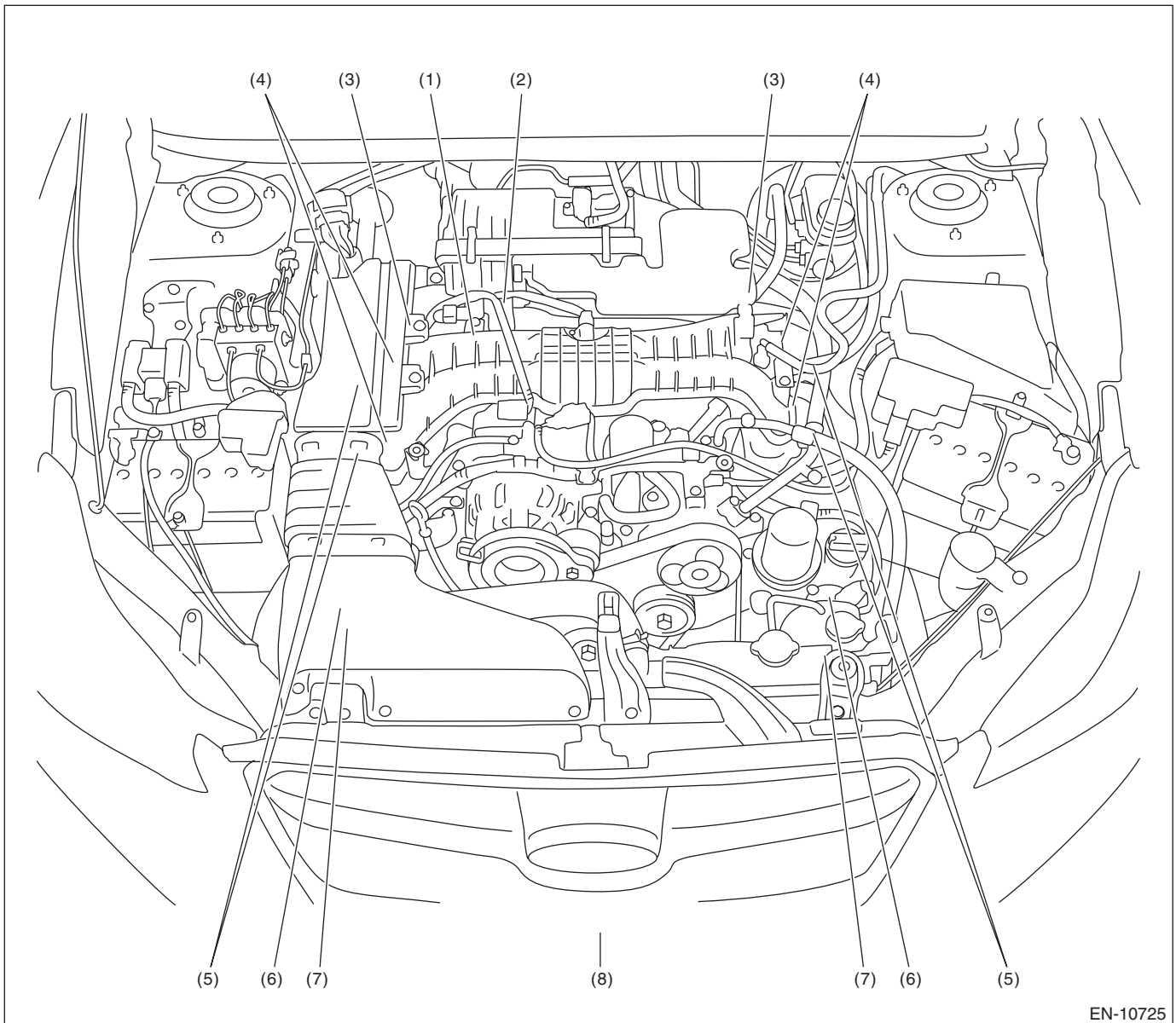
ENGINE (DIAGNOSTICS)

<p>Diagram showing the location of component (1) on the engine. The component is a small, rectangular unit mounted on the side of the engine block, near the intake manifold. A line points from the label (1) to the component.</p> <p>EN-10724</p>	<p>Diagram showing the location of component (2) on the engine. The component is a small, rectangular unit mounted on the side of the engine block, near the intake manifold. A line points from the label (2) to the component.</p> <p>EN-10473</p>
<p>Diagram showing the location of component (3) on the engine. The component is a small, rectangular unit mounted on the side of the engine block, near the intake manifold. A line points from the label (3) to the component.</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

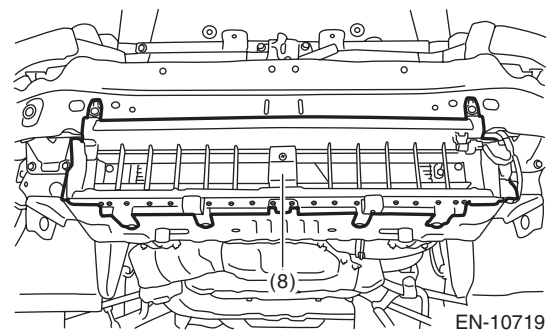
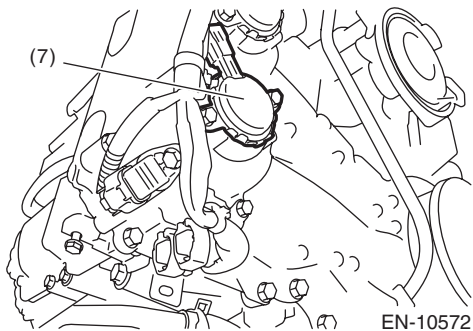
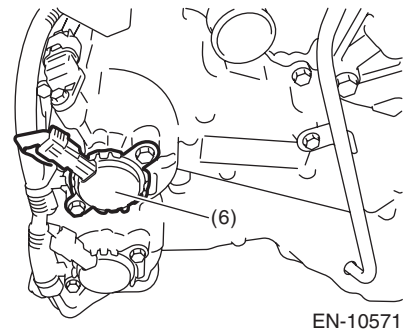
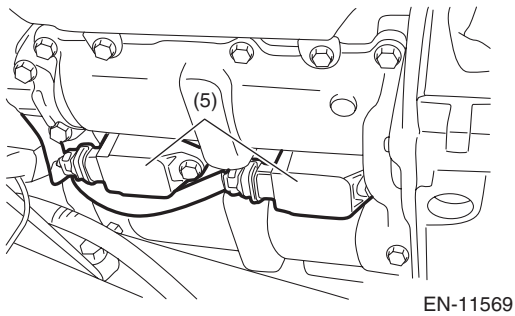
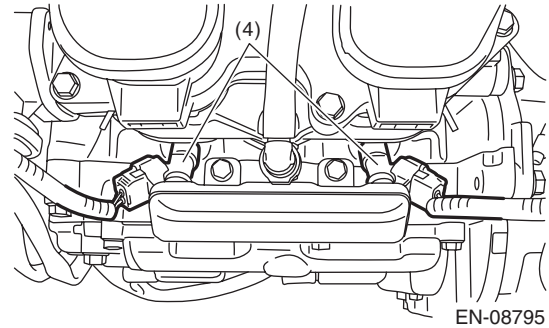
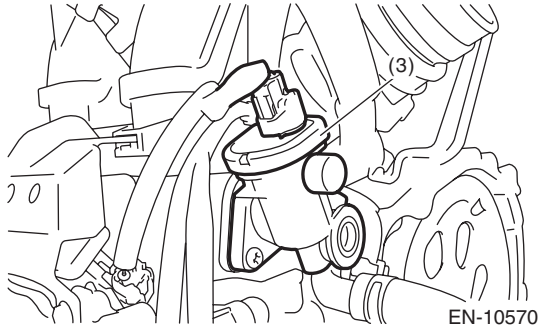
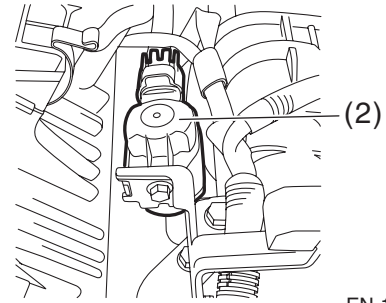
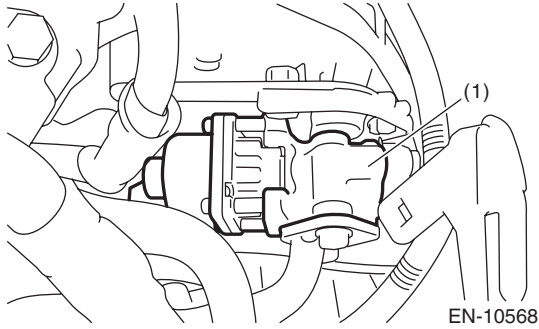


EN-10725

- | | | |
|-------------------------------------|---------------------------------|----------------------------------|
| (1) EGR control valve | (4) Fuel injector | (7) Exhaust oil control solenoid |
| (2) Purge control solenoid valve | (5) Ignition coil | (8) Active grille shutter |
| (3) Tumble generator valve actuator | (6) Intake oil control solenoid | |

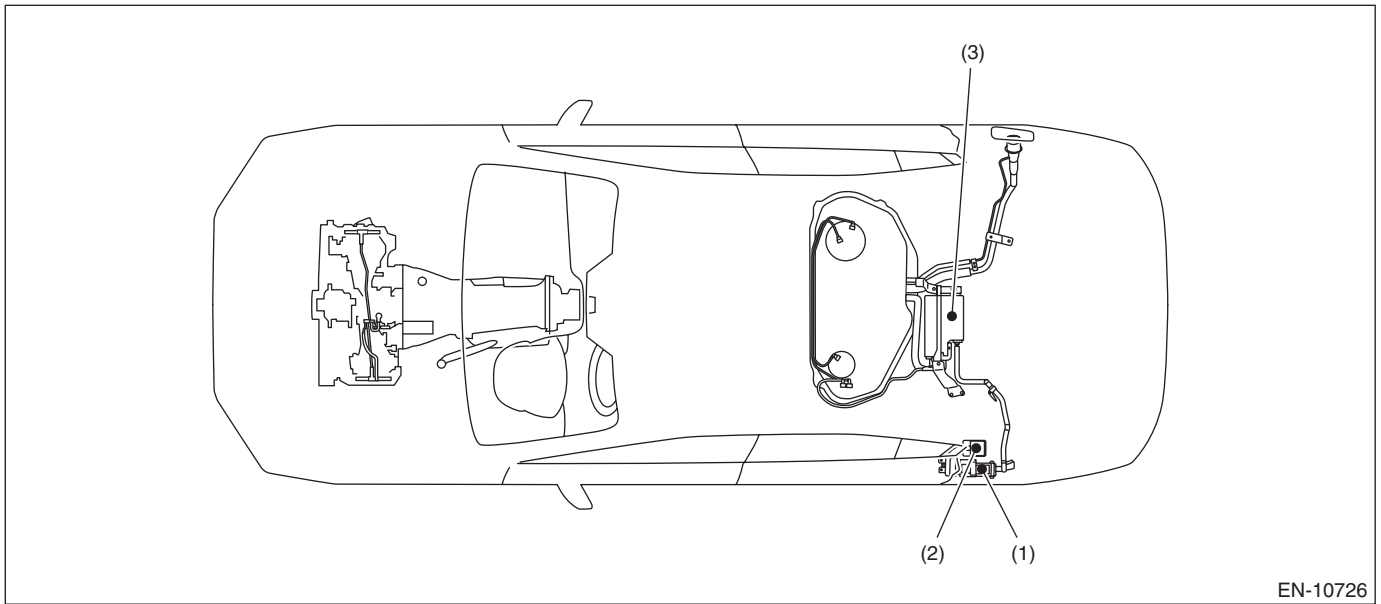
Electrical Component Location

ENGINE (DIAGNOSTICS)



Electrical Component Location

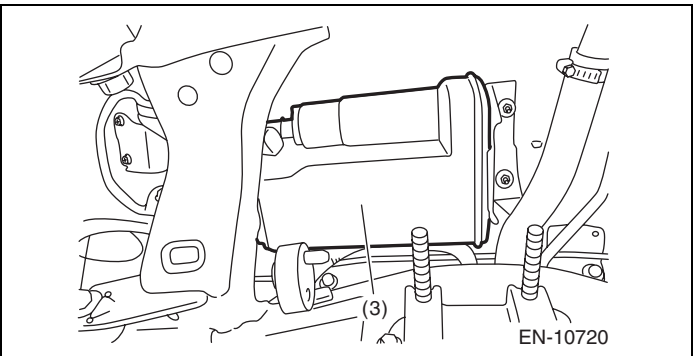
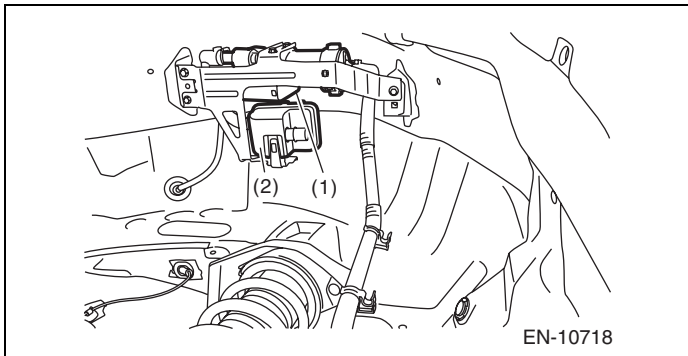
ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

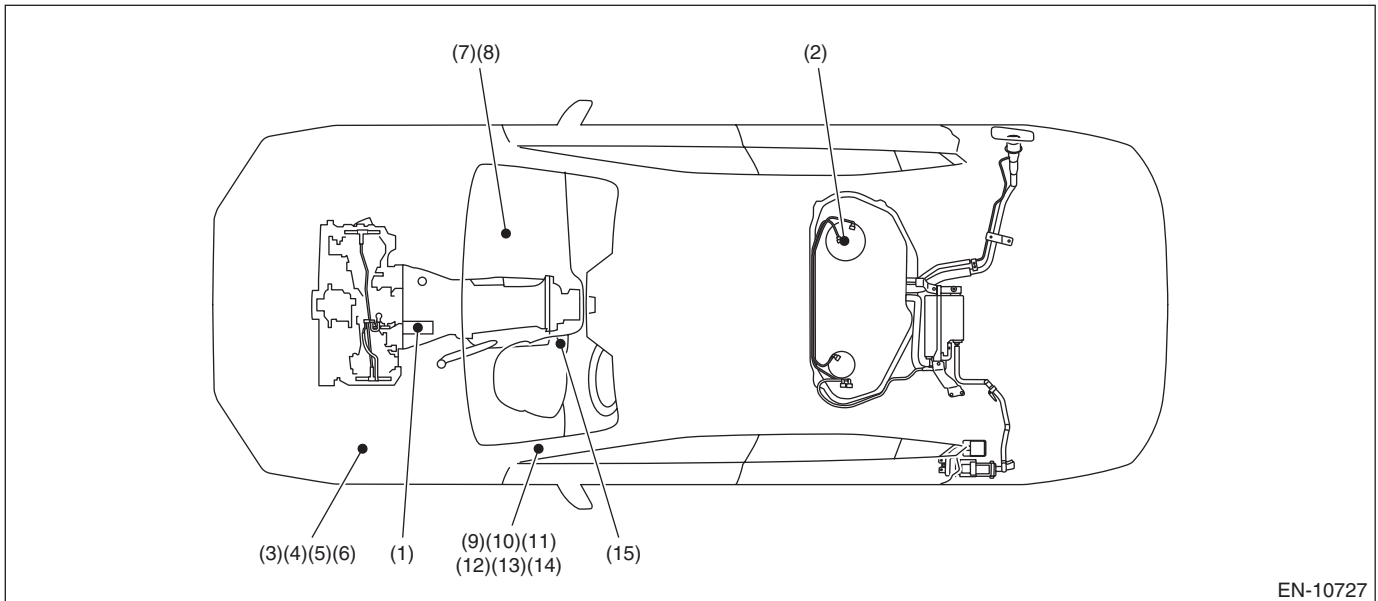
(2) Drain filter

(3) Canister



Electrical Component Location

ENGINE (DIAGNOSTICS)

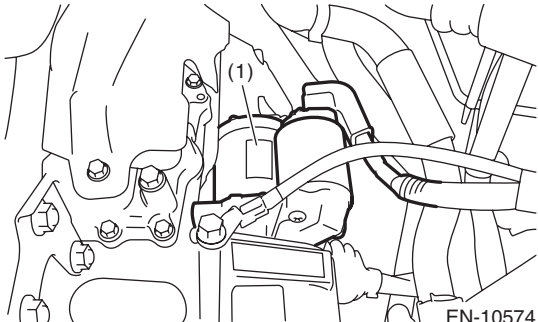
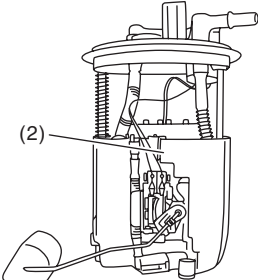
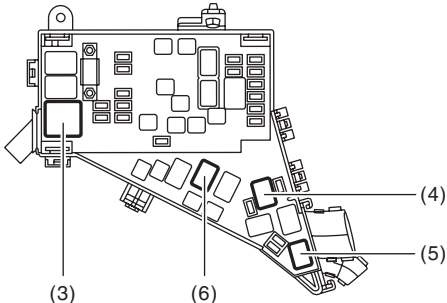
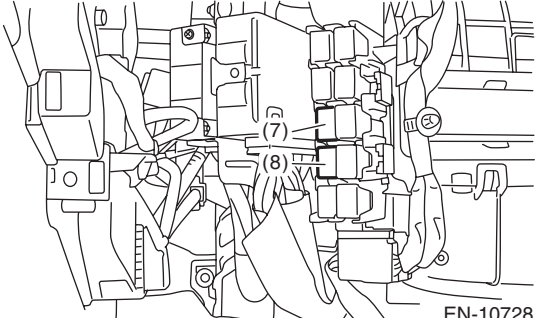
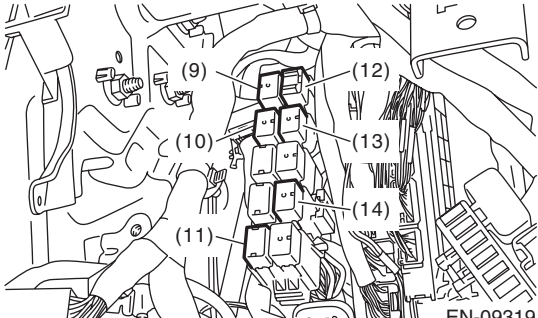
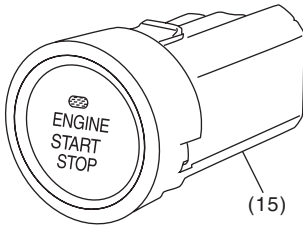


EN-10727

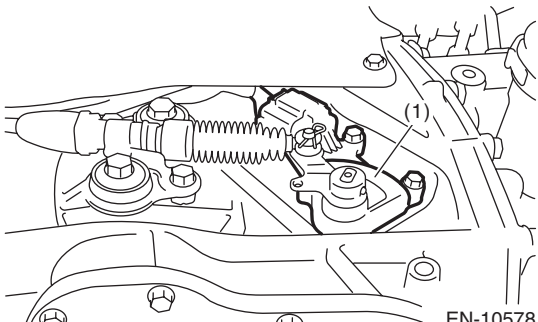

- | | | |
|-------------------------------|--|---|
| (1) Starter | (6) Fuel pump relay | (11) Starter relay 1 |
| (2) Fuel pump | (7) Main relay | (12) Starter cut relay (model with push button start) |
| (3) Radiator main fan relay 1 | (8) IG relay | (13) IG relay 1 (push button start) (model with push 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)

 <p>EN-10574</p>	 <p>EN-10186</p>
 <p>EN-10575</p>	 <p>EN-10728</p>
 <p>EN-09319</p>	 <p>EN-09321</p>

4. TRANSMISSION

 <p>EN-10578</p>	
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(1) Inhibitor switch