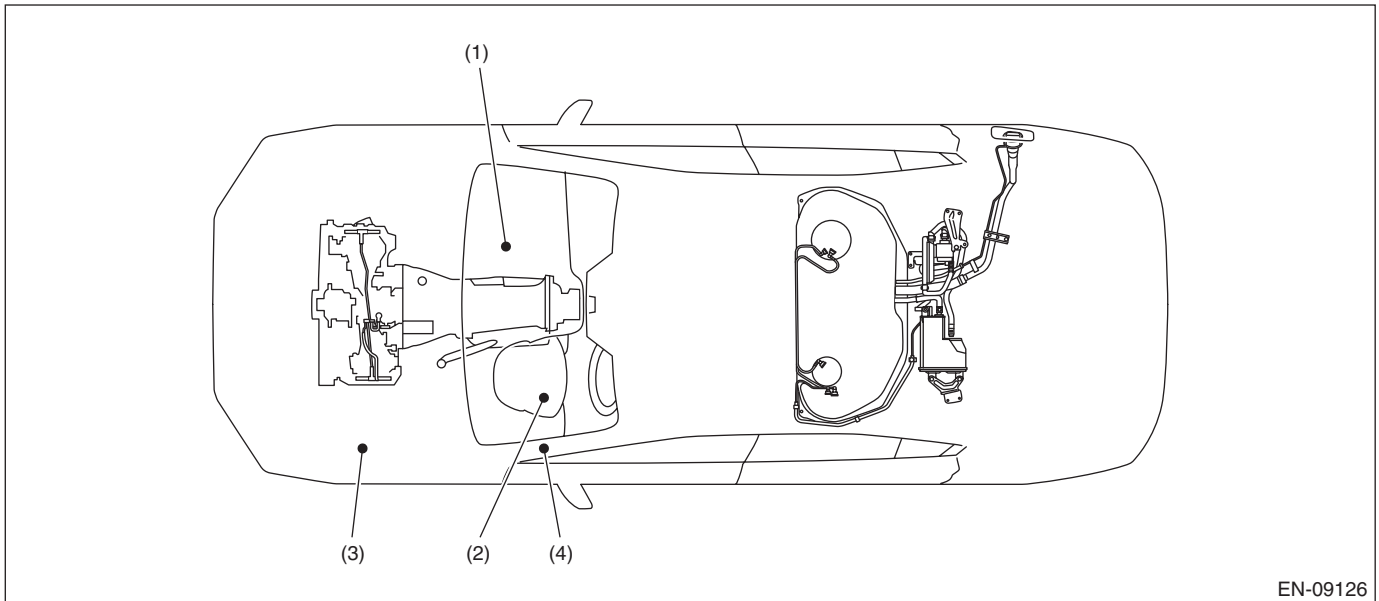


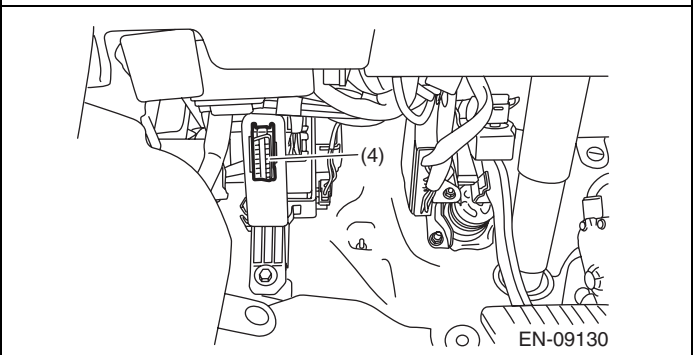
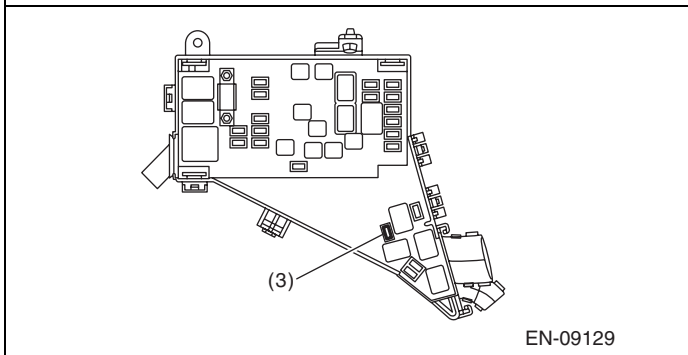
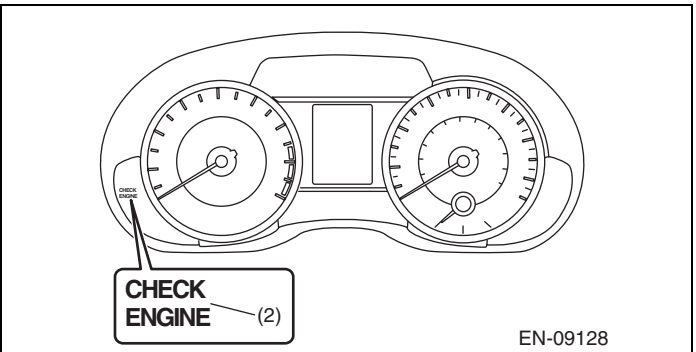
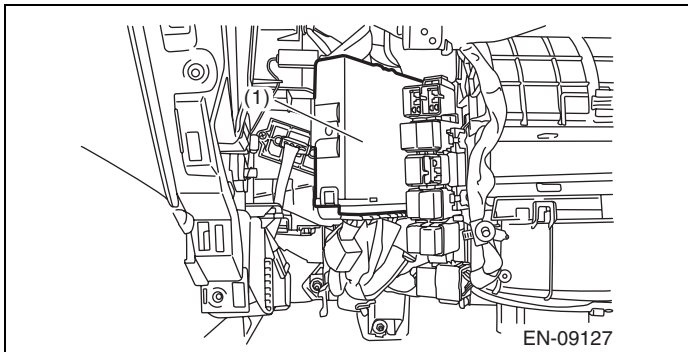
4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



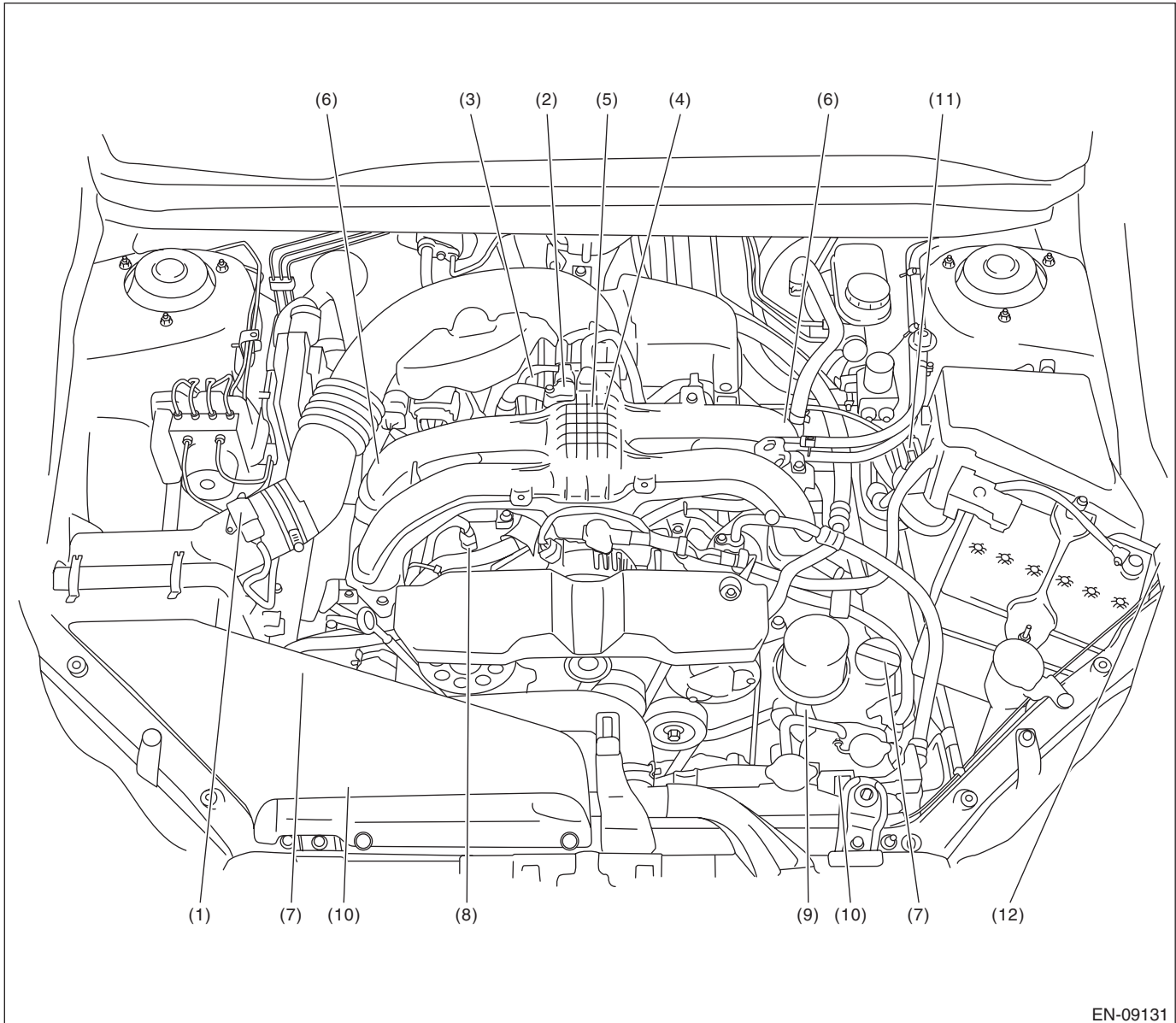
- | | | |
|---------------------------------|-------------------------------|-------------------------|
| (1) Engine control module (ECM) | (3) Delivery (test) mode fuse | (4) Data link connector |
| (2) Malfunction indicator light | | |



Electrical Component Location

ENGINE (DIAGNOSTICS)

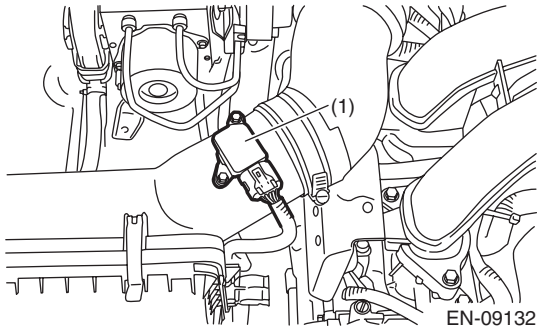
2. SENSOR



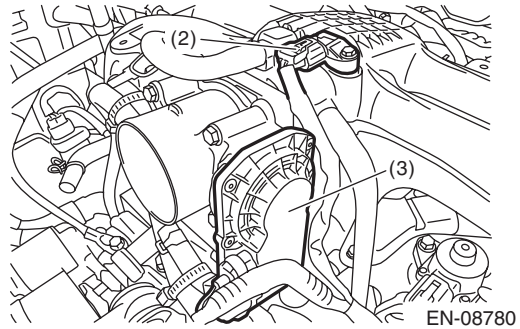
- | | | |
|---|---|---------------------------------------|
| (1) Mass air flow and intake air temperature sensor | (5) Crankshaft position sensor | (9) Engine oil temperature sensor |
| (2) Manifold absolute pressure sensor | (6) Tumble generator valve actuators (with built-in opening angle switch)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

Electrical Component Location

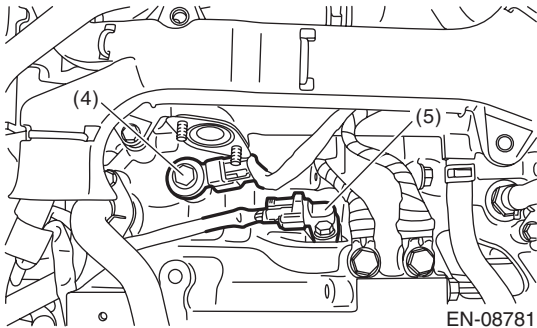
ENGINE (DIAGNOSTICS)



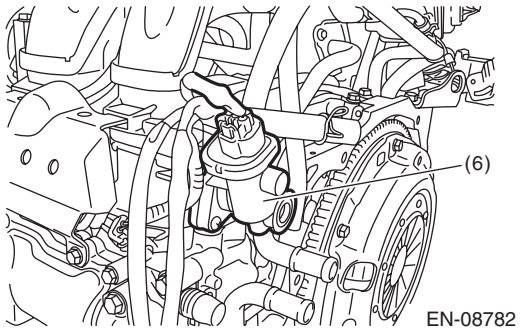
EN-09132



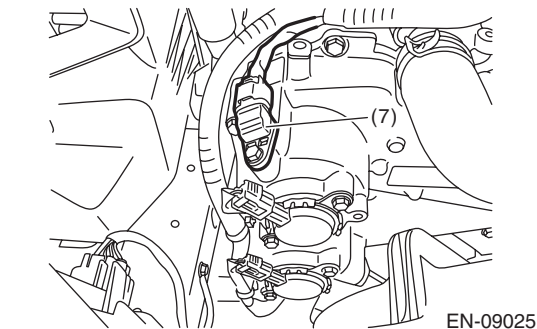
EN-08780



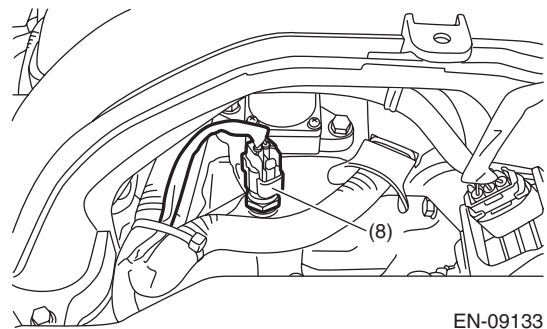
EN-08781



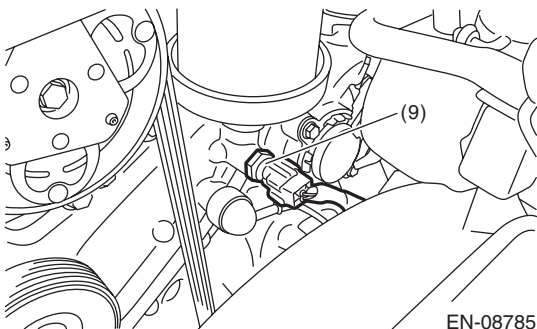
EN-08782



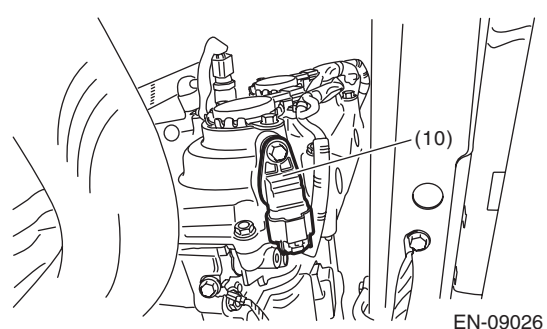
EN-09025



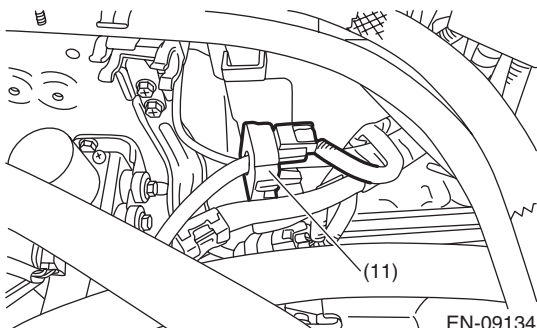
EN-09133



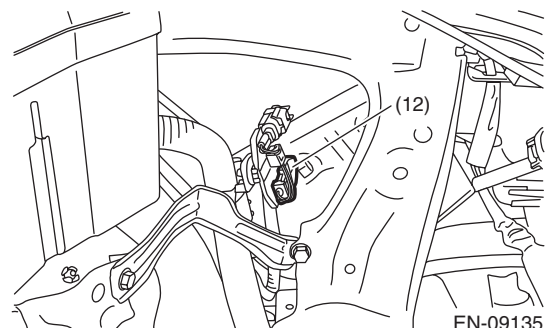
EN-08785



EN-09026



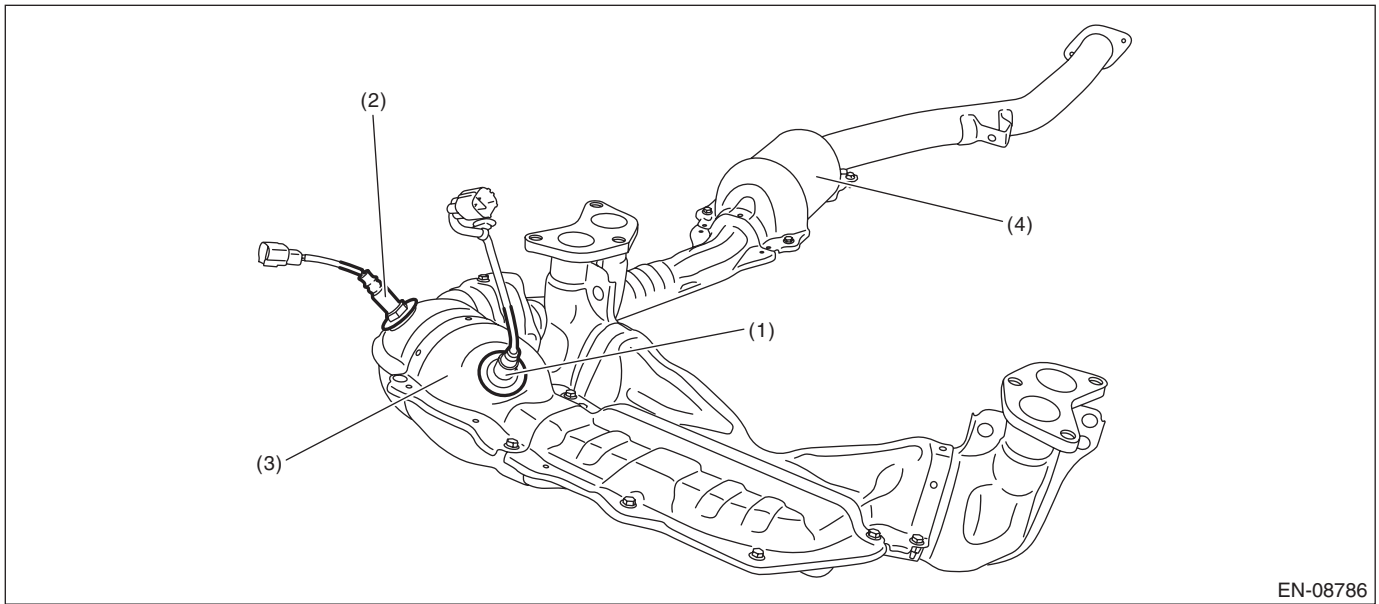
EN-09134



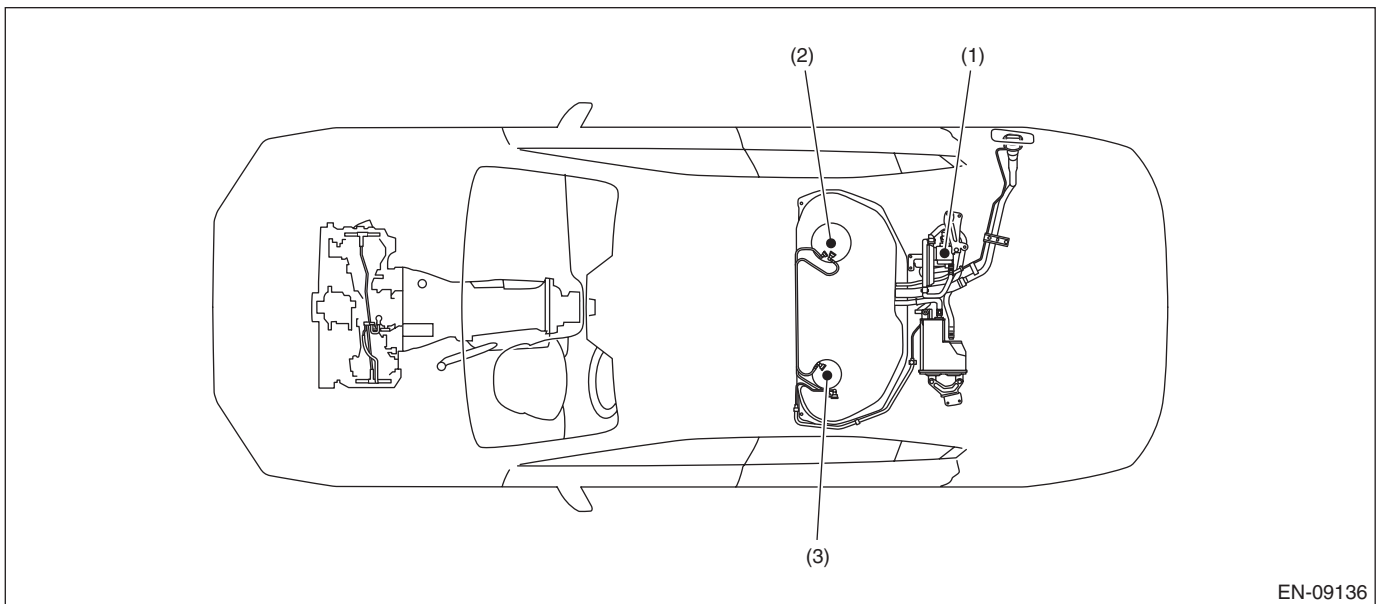
EN-09135

Electrical Component Location

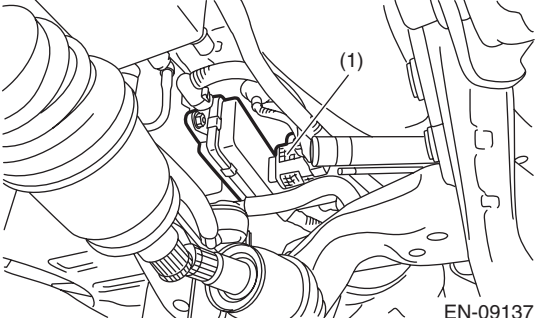
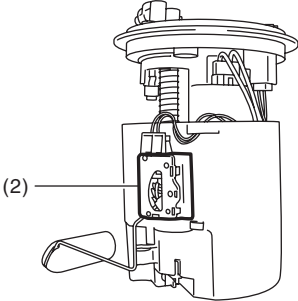
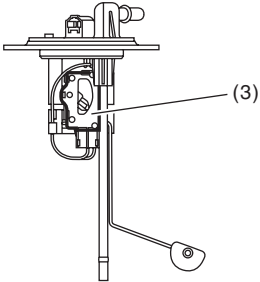
ENGINE (DIAGNOSTICS)



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



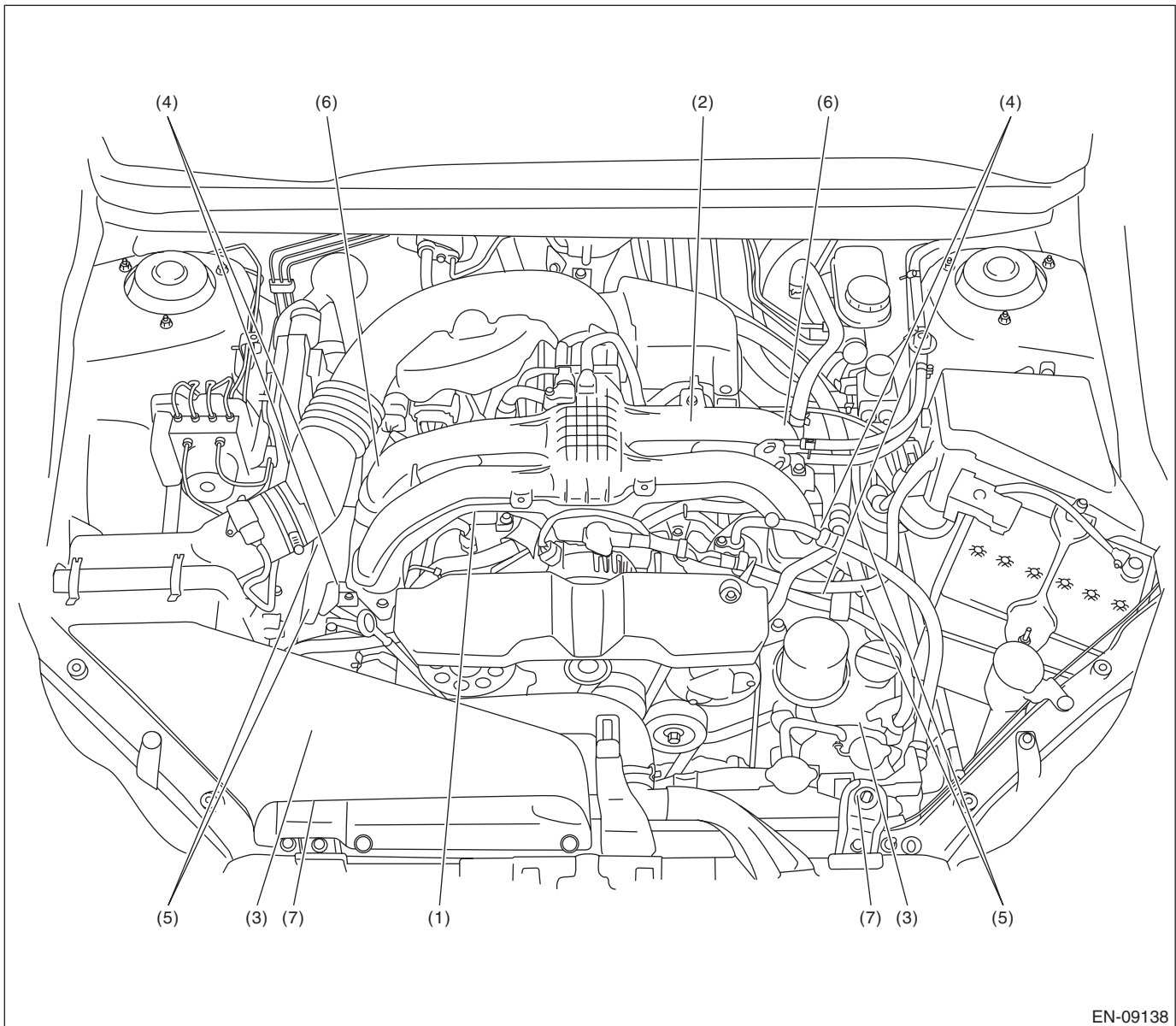
- (1) Leak check valve ASSY (with built-in pressure sensor)
- (2) Fuel level sensor
- (3) Fuel sub level sensor

 EN-09137	 EN-08789
 EN-08790	SUBARU.

Electrical Component Location

ENGINE (DIAGNOSTICS)

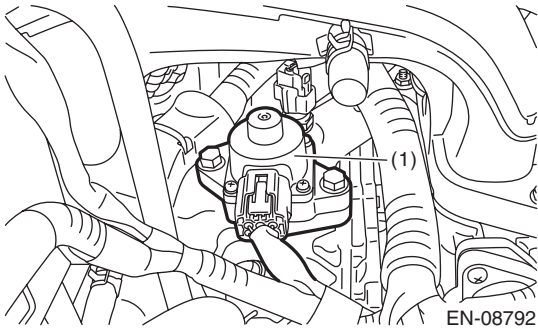
3. SOLENOID VALVE, ACTUATOR, EMISSION CONTROL SYSTEM PARTS AND IGNITION SYSTEM PARTS



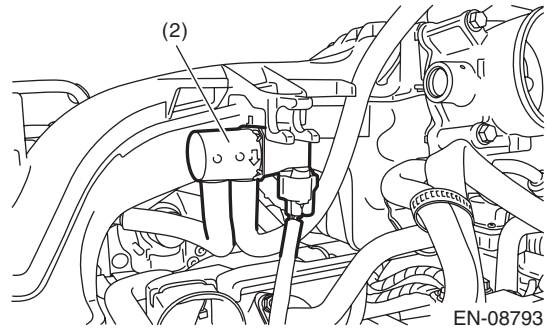
- | | | |
|----------------------------------|-------------------|-------------------------------------|
| (1) EGR control valve | (4) Fuel injector | (6) Tumble generator valve actuator |
| (2) Purge control solenoid valve | (5) Ignition coil | (7) Exhaust oil control solenoid |
| (3) Intake oil control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

Electrical Component Location

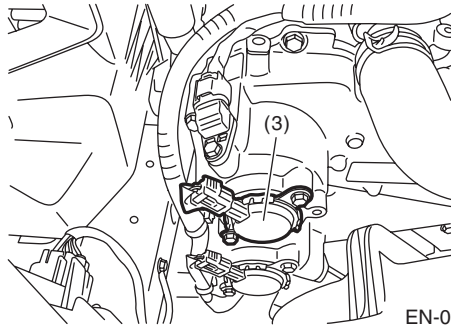
ENGINE (DIAGNOSTICS)



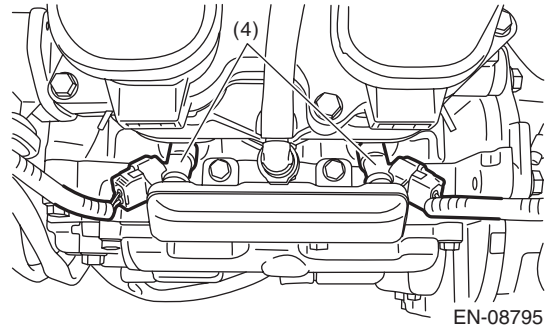
EN-08792



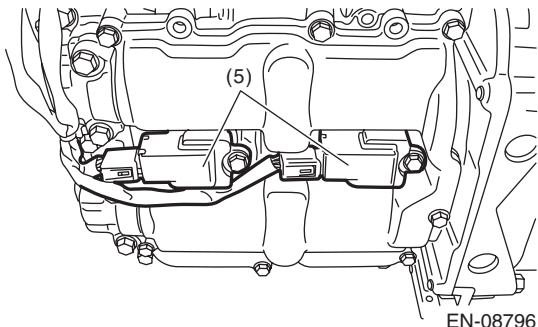
EN-08793



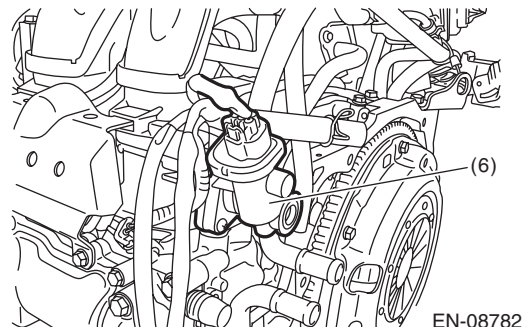
EN-09029



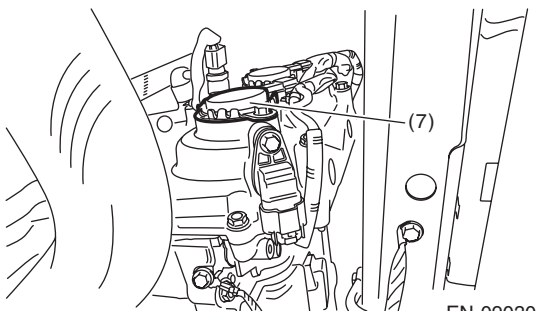
EN-08795



EN-08796



EN-08782

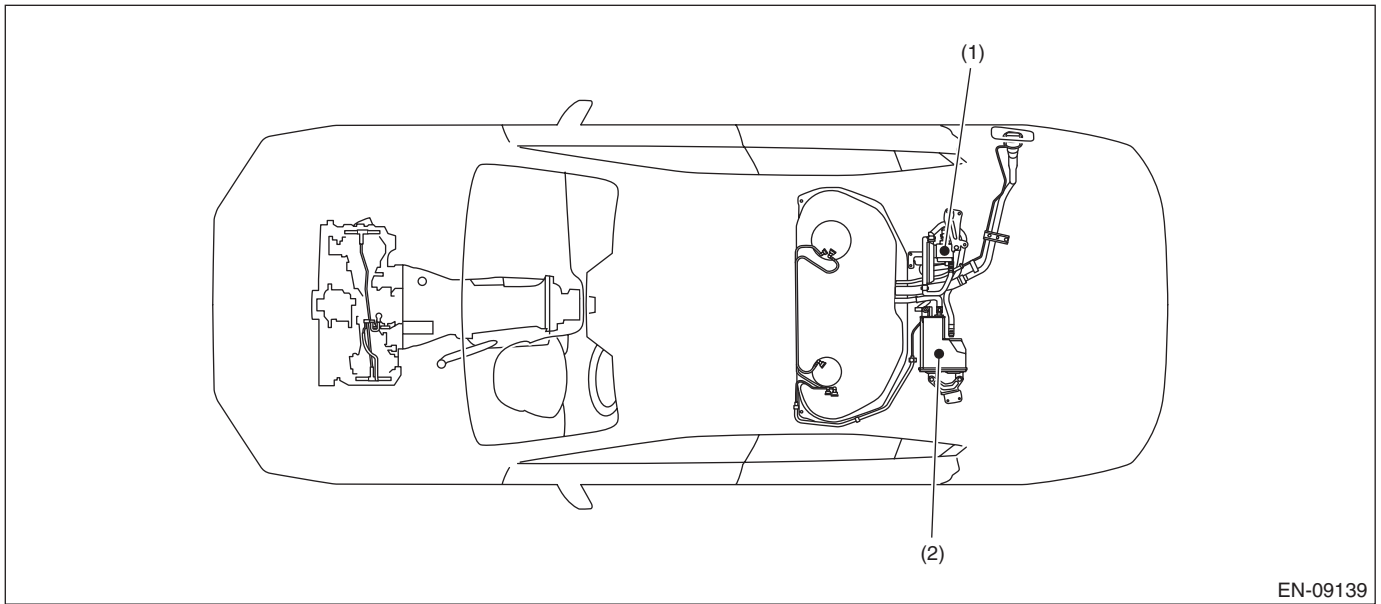


EN-09030

SUBARU.

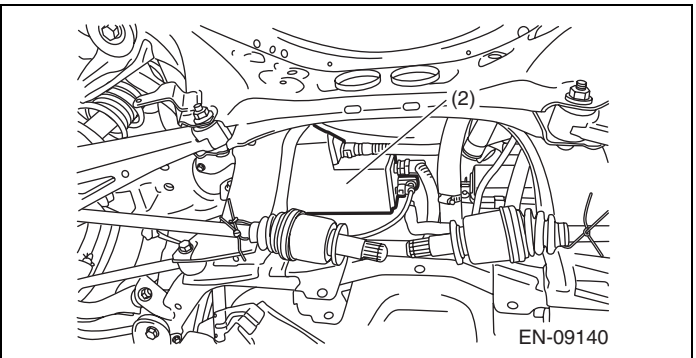
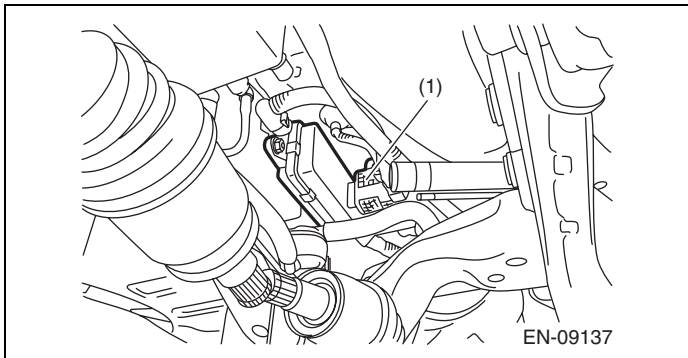
Electrical Component Location

ENGINE (DIAGNOSTICS)



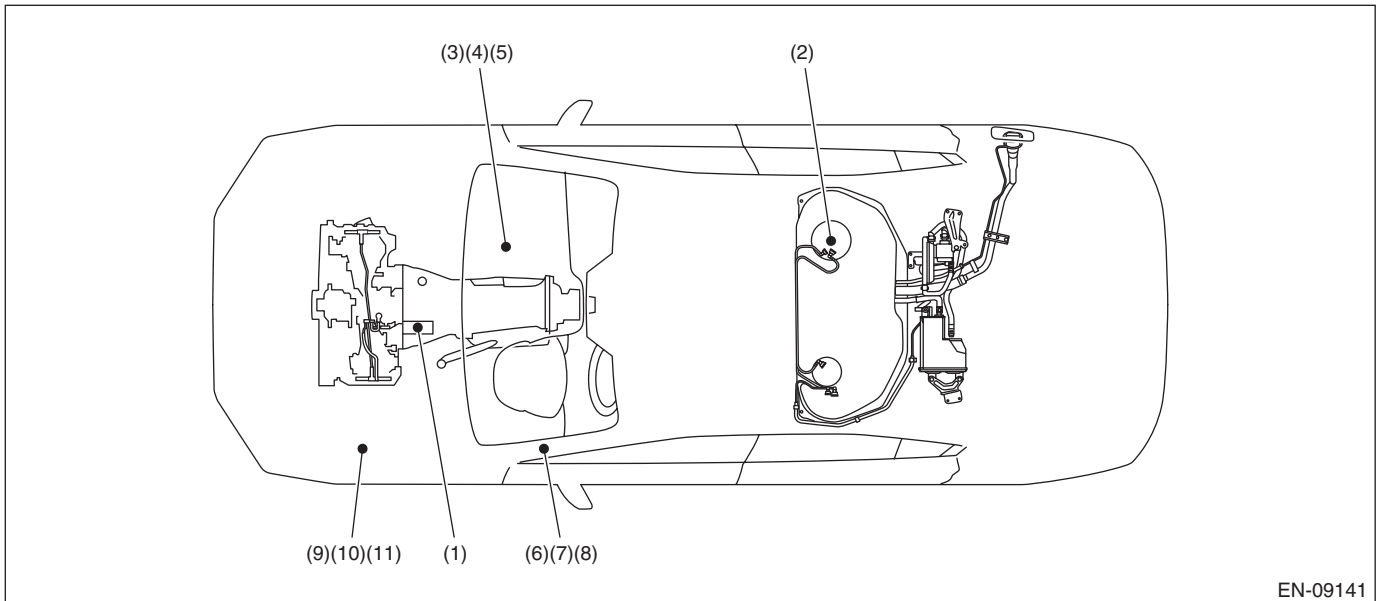
(1) Leak check valve ASSY

(2) Canister



Electrical Component Location

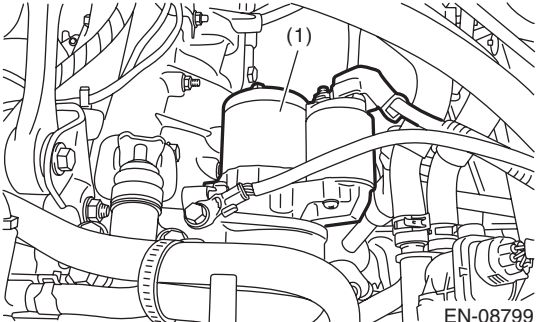
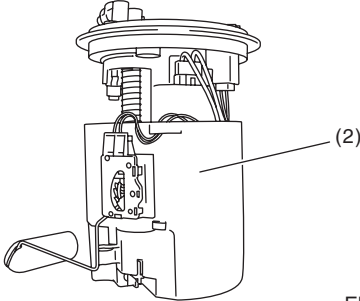
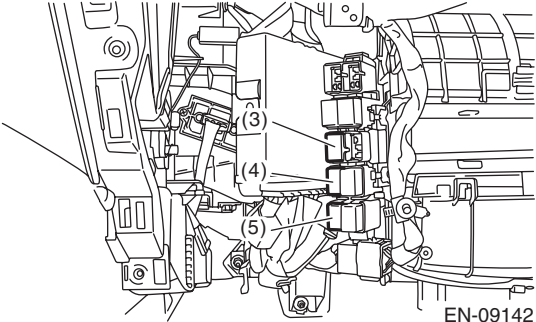
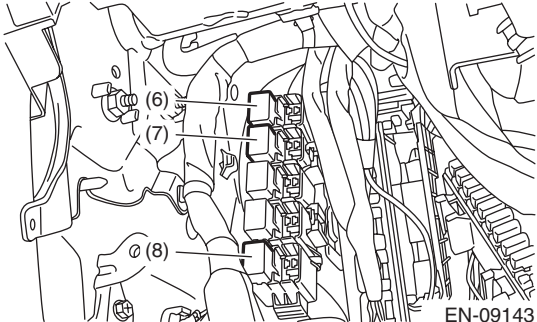
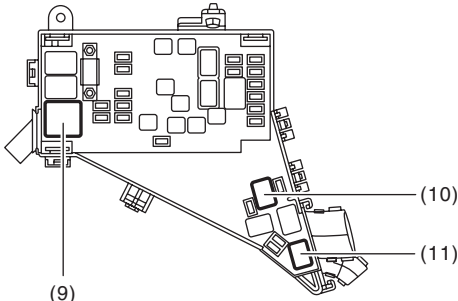
ENGINE (DIAGNOSTICS)



- | | | |
|----------------|---------------------------------------|--------------------------------|
| (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)

 EN-08799	 EN-08800
 EN-09142	 EN-09143
 EN-09144	