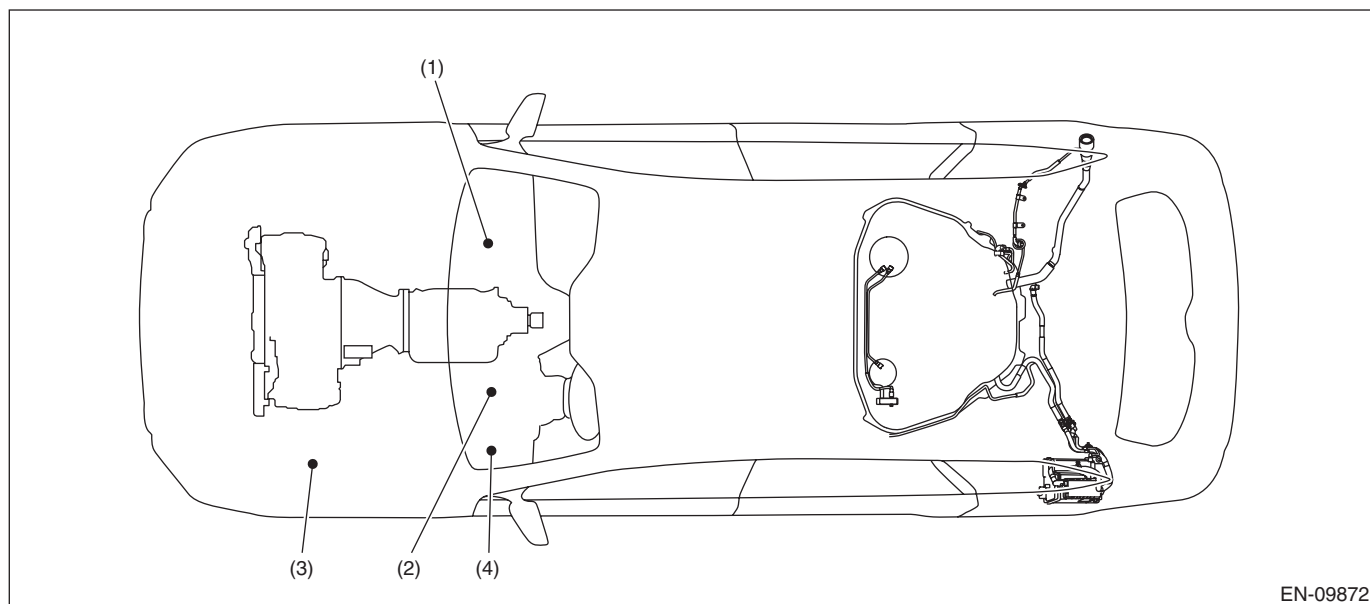


4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



EN-09872

(1) Engine control module (ECM)

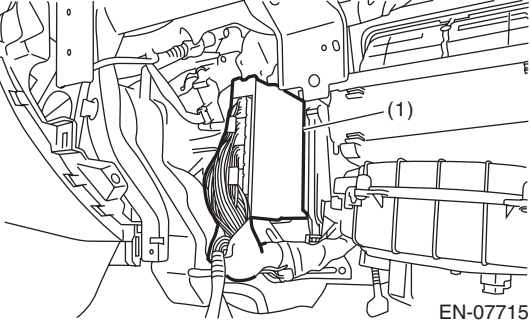
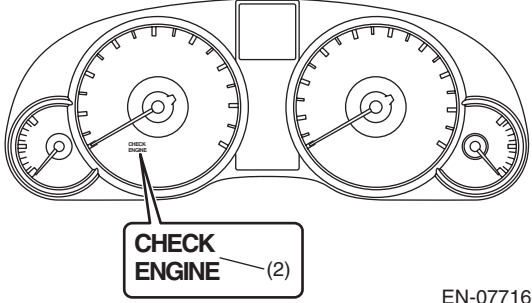
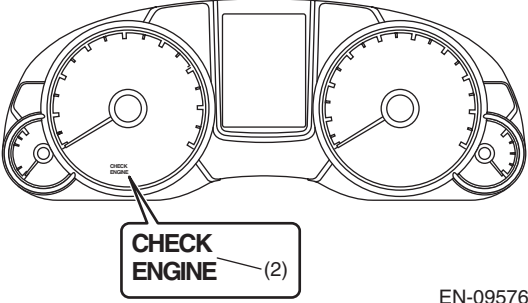
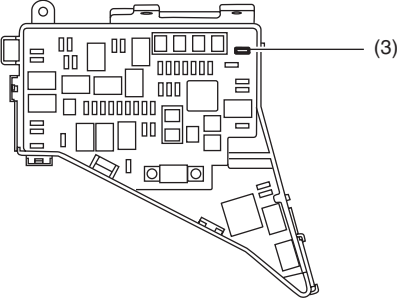
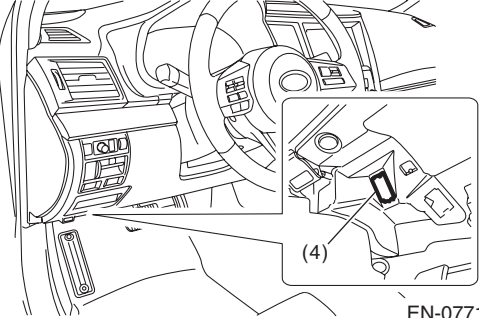
(3) Delivery (test) mode fuse

(4) Data link connector

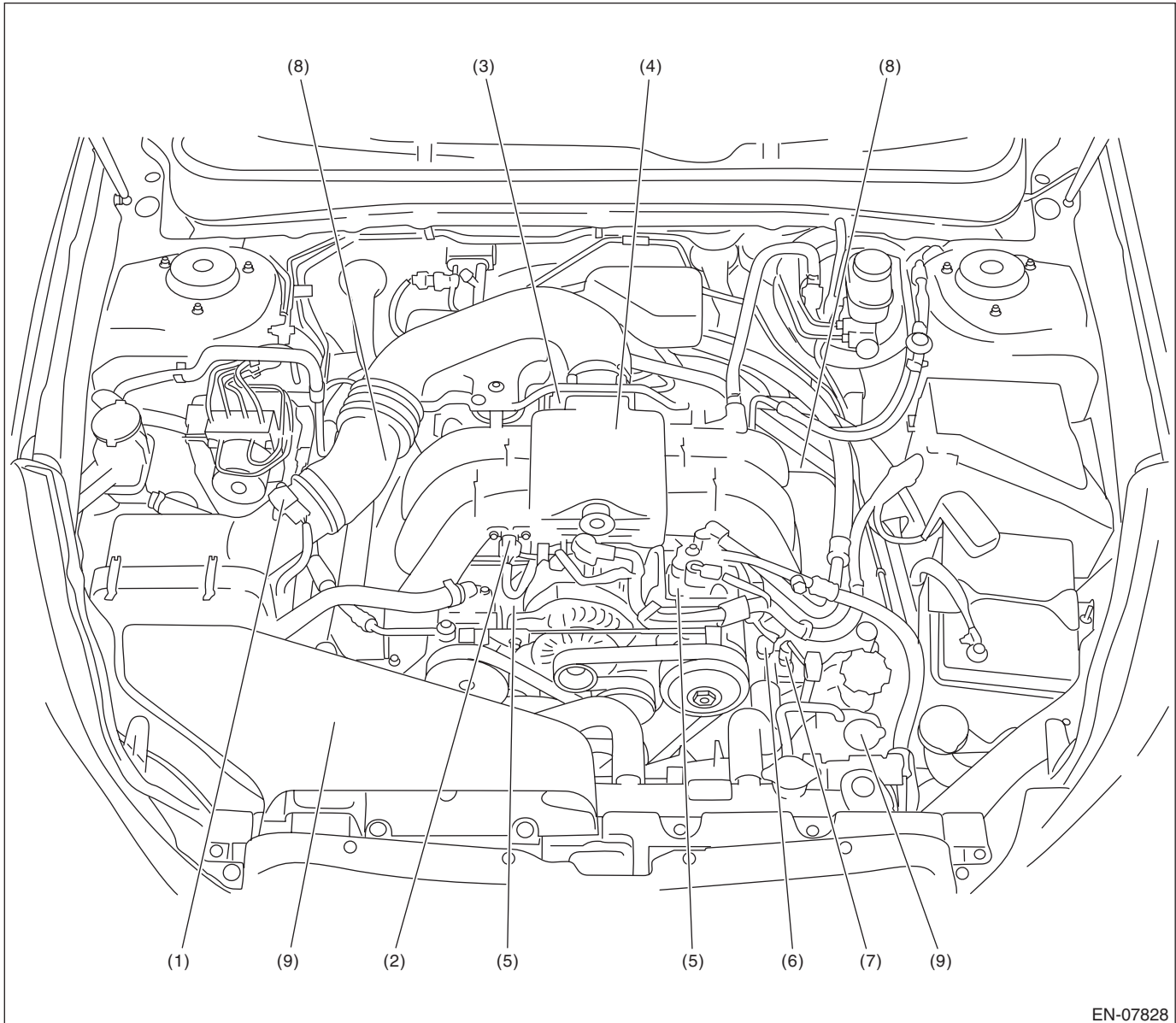
(2) Malfunction indicator light

Electrical Component Location

ENGINE (DIAGNOSTICS)

 EN-07715	• Normal meter  EN-07716
• Luminescent meter  EN-09576	 EN-07528
 EN-07717	SUBARU

2. SENSOR

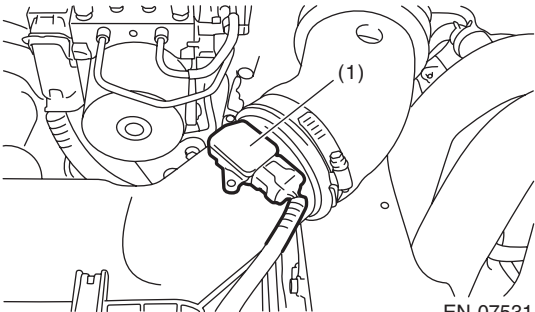
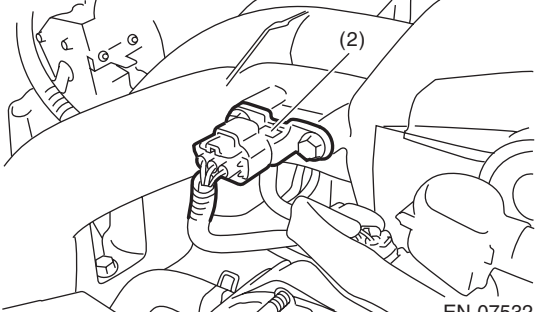
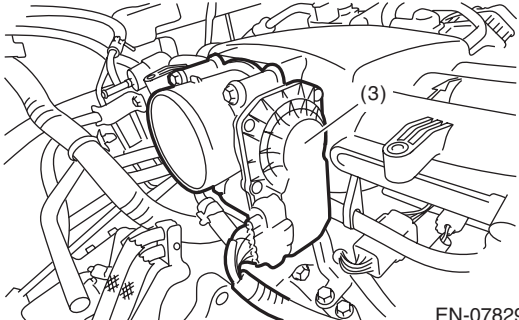
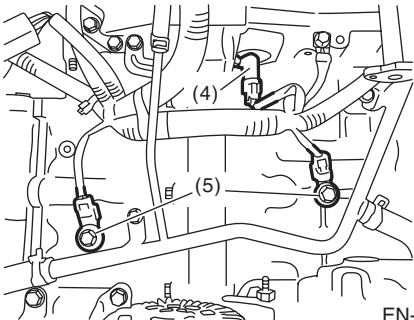
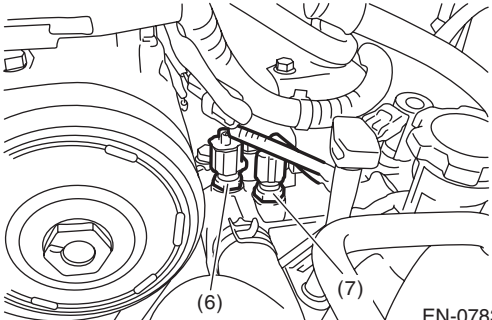
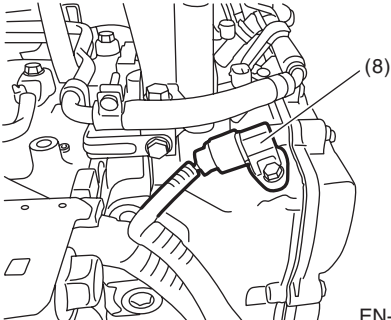
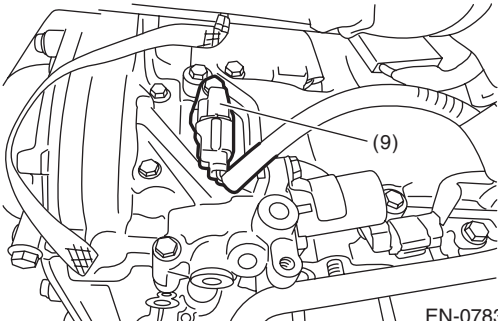


EN-07828

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

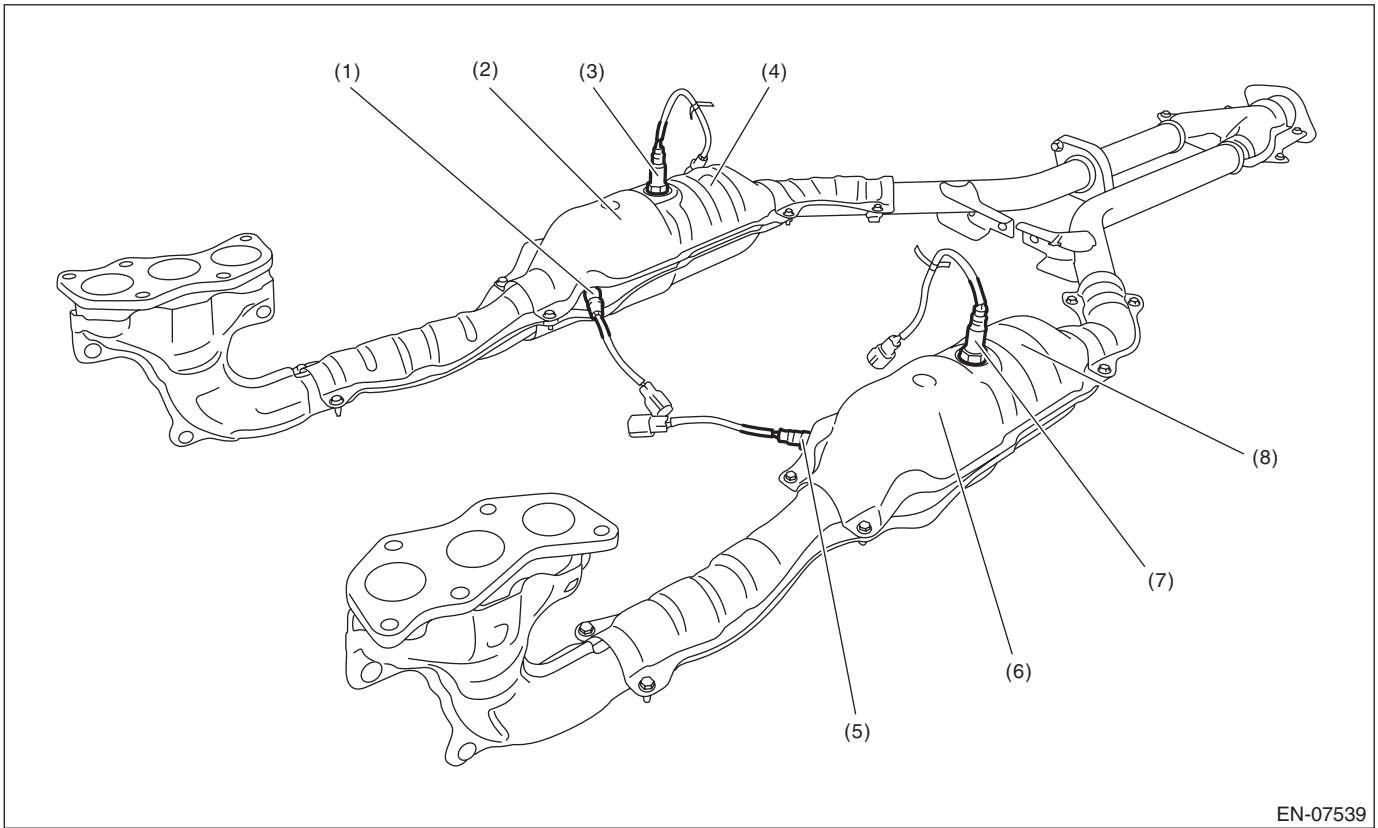
Electrical Component Location

ENGINE (DIAGNOSTICS)

 EN-07531	 EN-07532
 EN-07829	 EN-07830
 EN-07831	 EN-07832
 EN-07833	

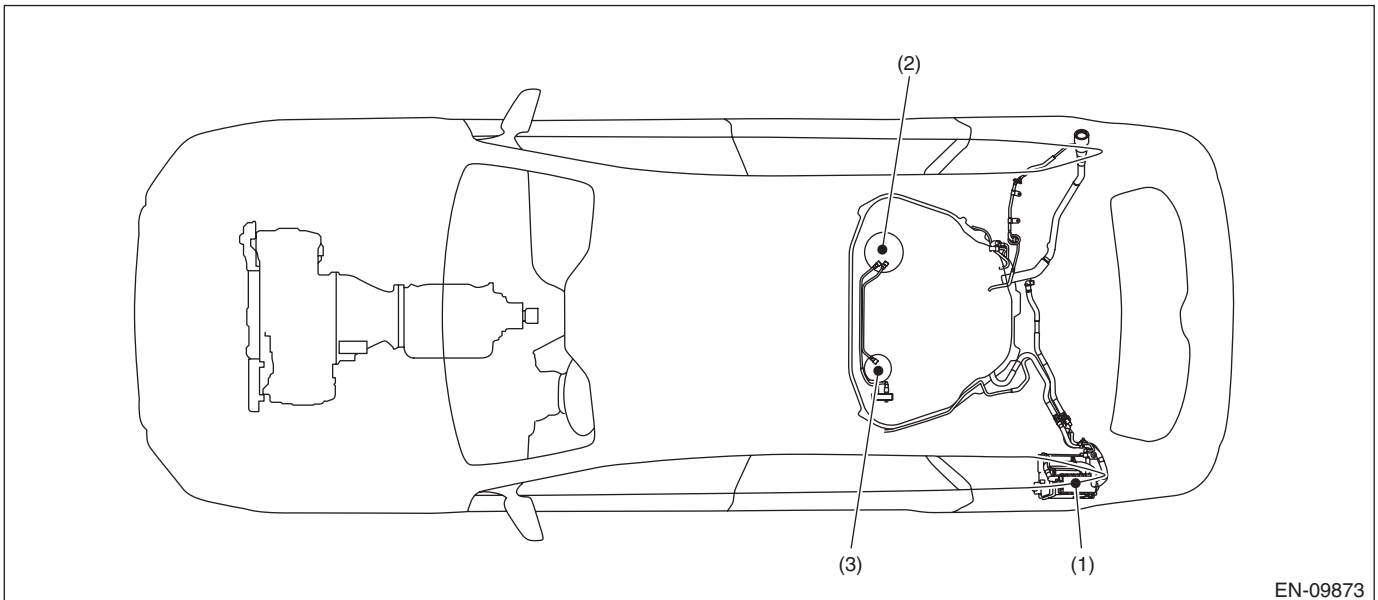
Electrical Component Location

ENGINE (DIAGNOSTICS)



EN-07539

- | | | |
|----------------------------------|----------------------------------|---------------------------------|
| (1) Front oxygen (A/F) sensor RH | (4) Rear catalytic converter RH | (7) Rear oxygen sensor LH |
| (2) Front catalytic converter RH | (5) Front oxygen (A/F) sensor LH | (8) Rear catalytic converter LH |
| (3) Rear oxygen sensor RH | (6) Front catalytic converter LH | |

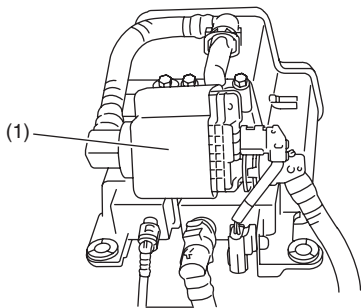
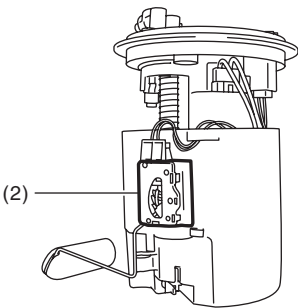
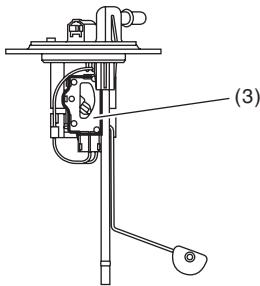


EN-09873

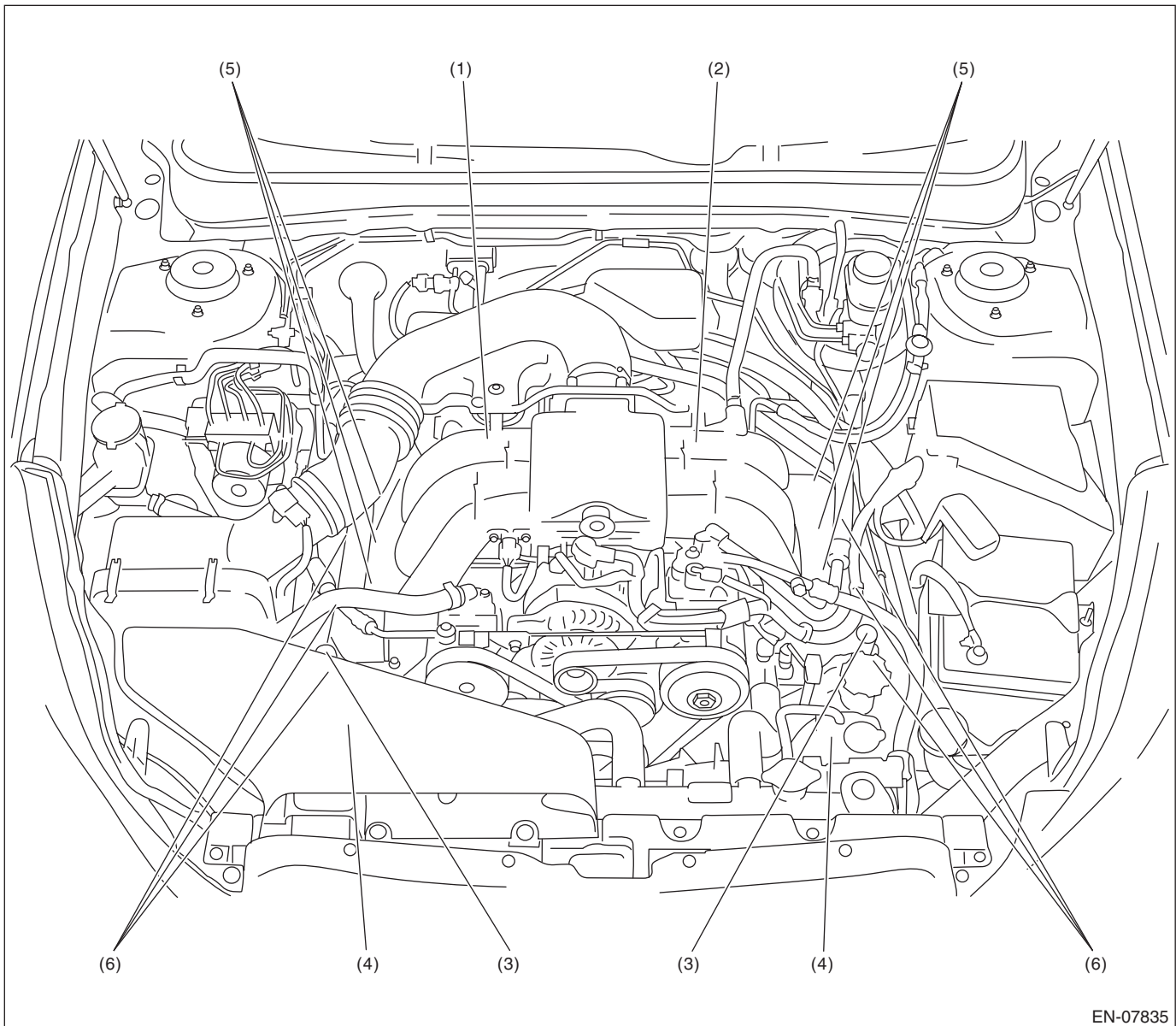
- | | | |
|---|-----------------------|---------------------------|
| (1) Leak check valve ASSY (with built-in pressure sensor) | (2) Fuel level sensor | (3) Fuel sub level sensor |
|---|-----------------------|---------------------------|

Electrical Component Location

ENGINE (DIAGNOSTICS)

 (1) EN-09844	 (2) EN-08789
 (3) EN-08790	SUBARU.

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



EN-07835

(1) Purge control solenoid valve

(3) Intake oil flow control solenoid valve

(5) Fuel injector

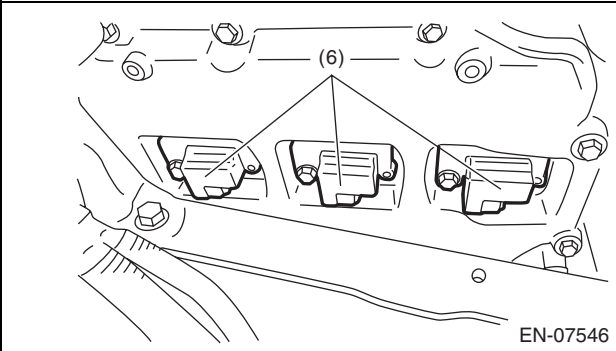
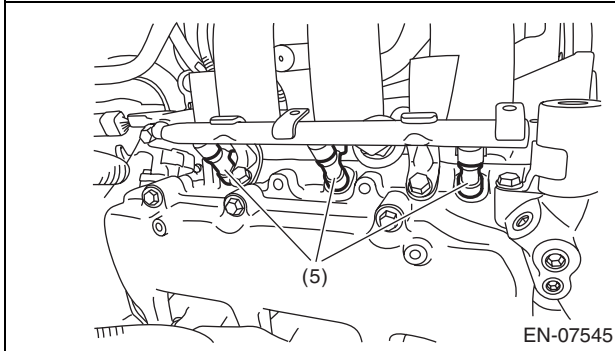
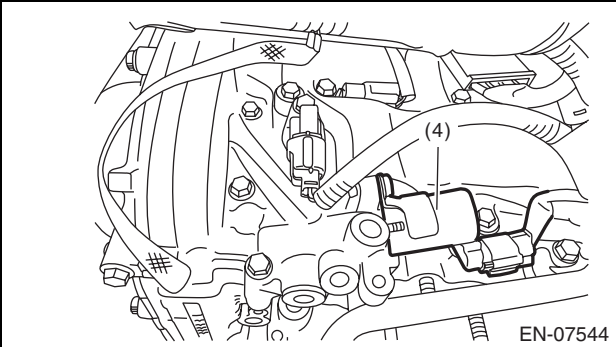
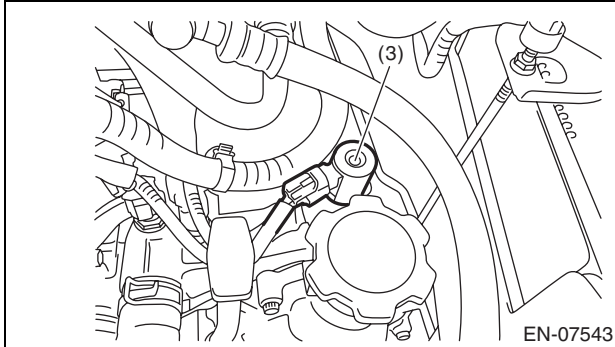
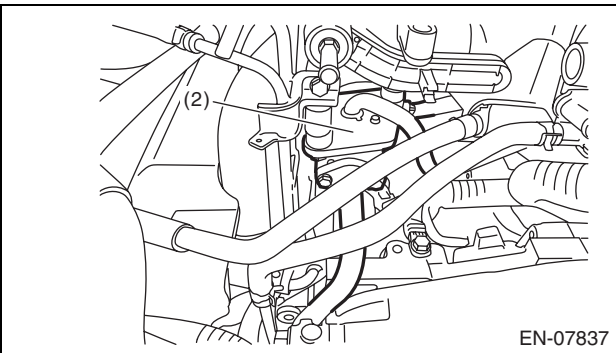
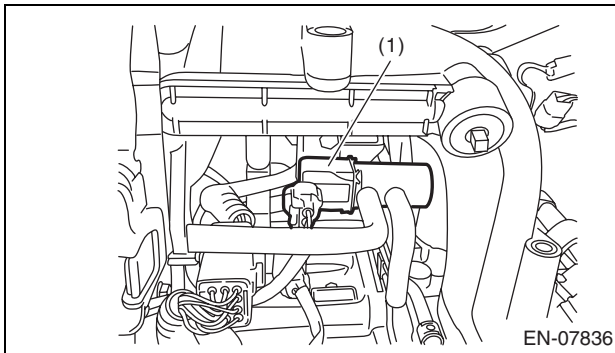
(2) EGR control valve

(4) Exhaust oil flow control solenoid valve

(6) Ignition coil

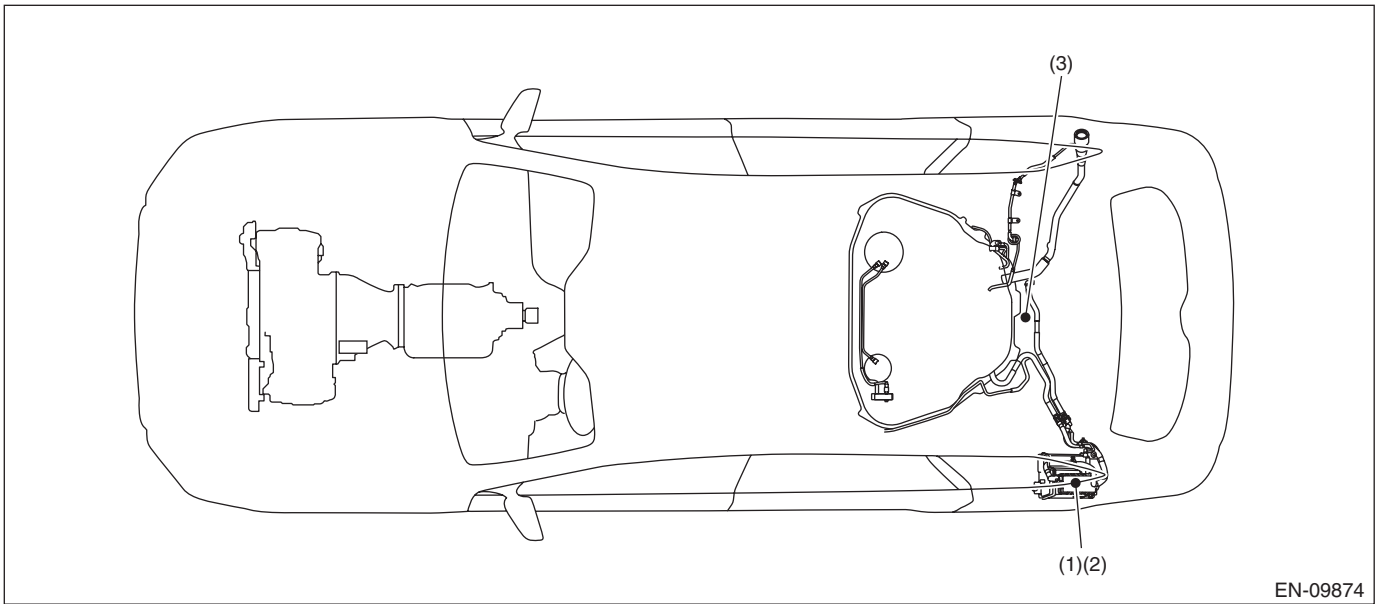
Electrical Component Location

ENGINE (DIAGNOSTICS)



Electrical Component Location

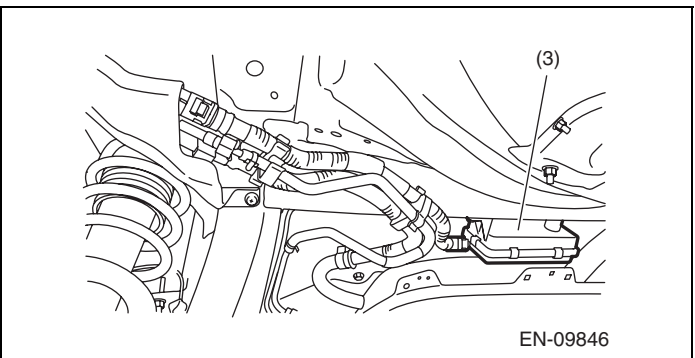
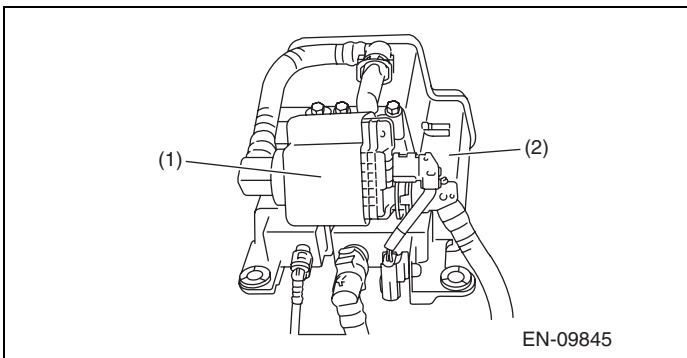
ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

(2) Canister

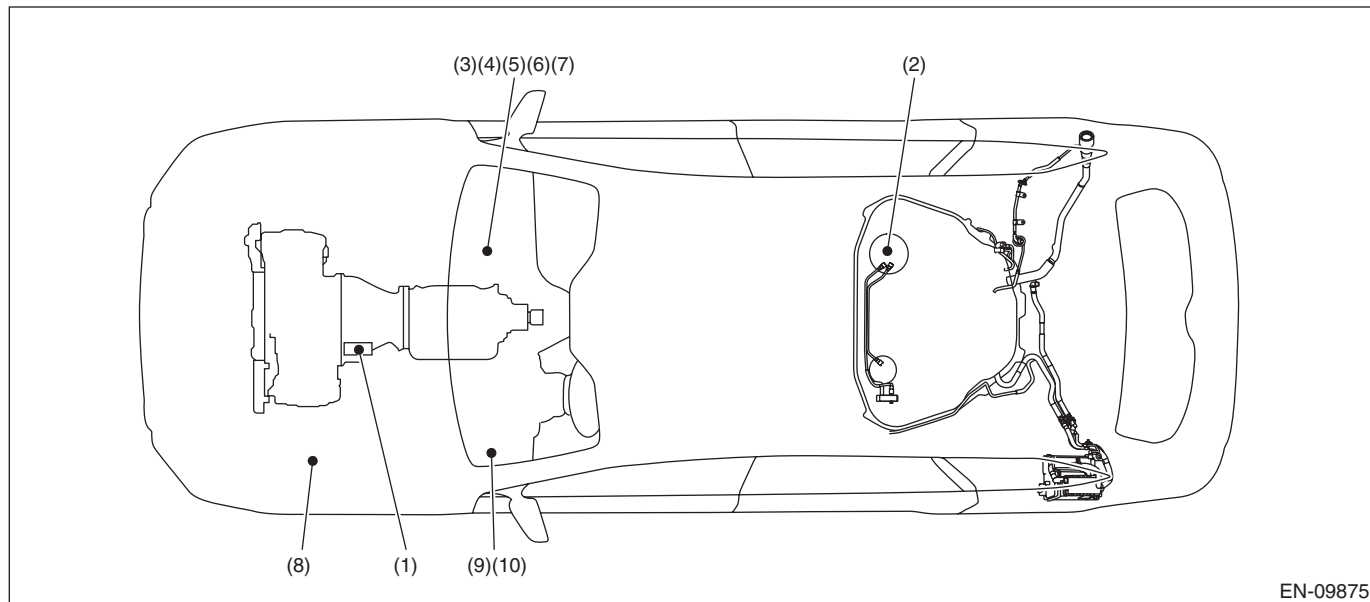
(3) Drain filter



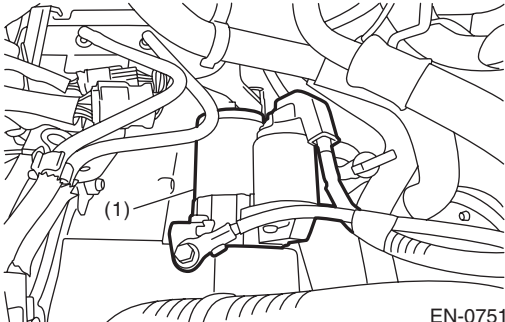
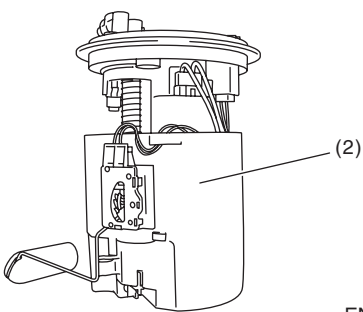
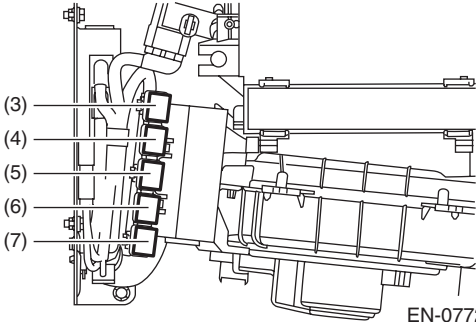
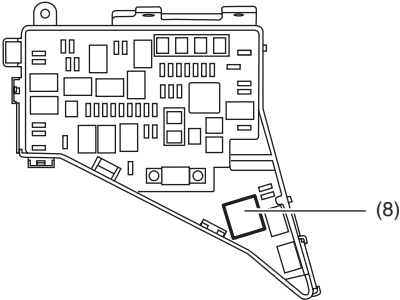
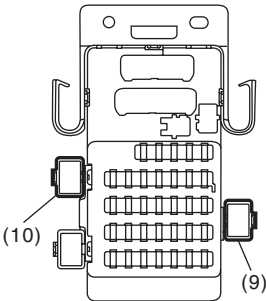
Electrical Component Location

ENGINE (DIAGNOSTICS)

- Model without push button start



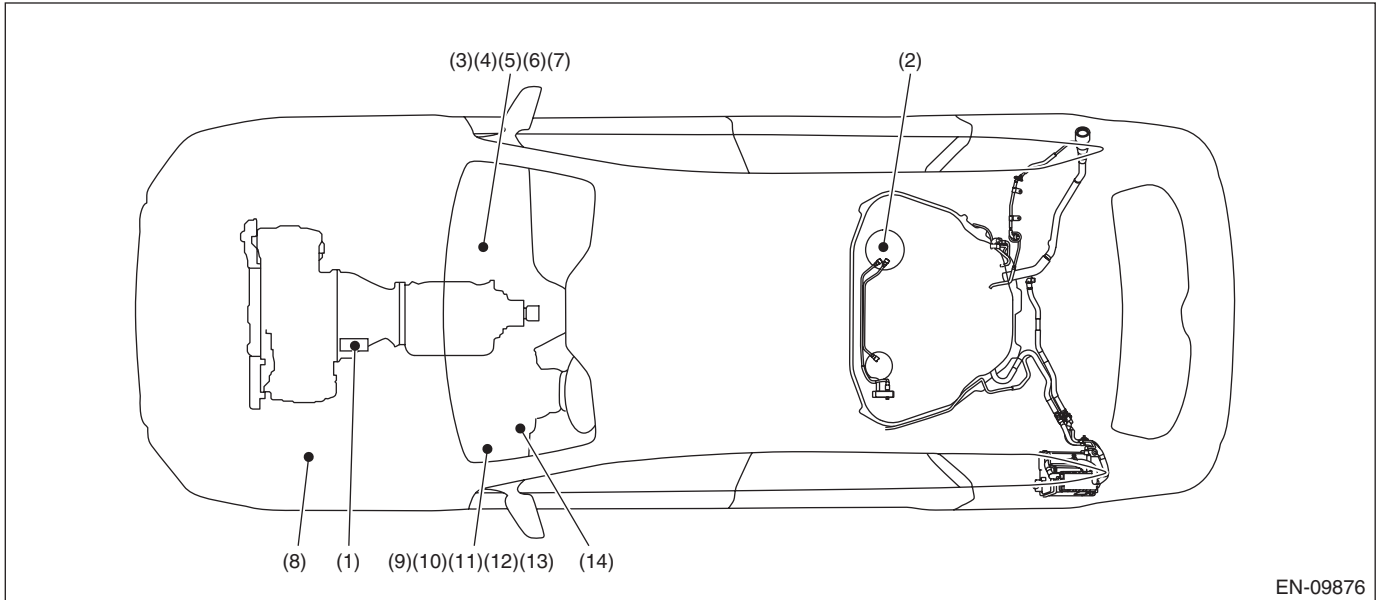
- | | | |
|----------------|---------------------------------------|----------------------|
| (1) Starter | (5) A/F, oxygen sensor relay | (8) Main fan relay |
| (2) Fuel pump | (6) Electronic throttle control relay | (9) Starter relay |
| (3) Main relay | (7) Fuel pump relay | (10) Inhibitor relay |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

 EN-07519	 EN-08800
 EN-07721	 EN-07525
 EN-07728	

Electrical Component Location

ENGINE (DIAGNOSTICS)

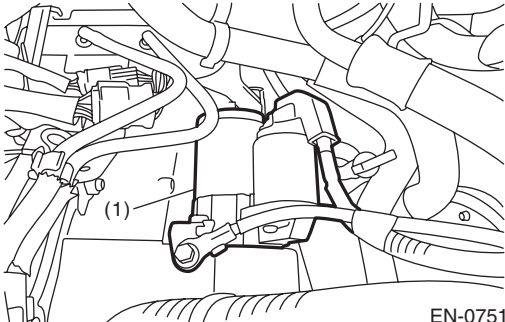
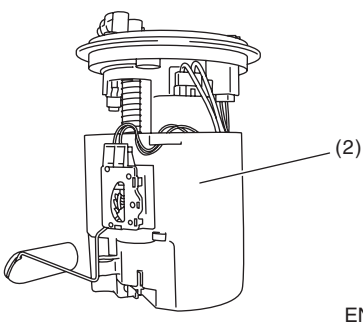
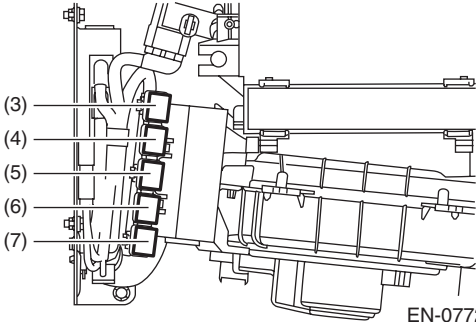
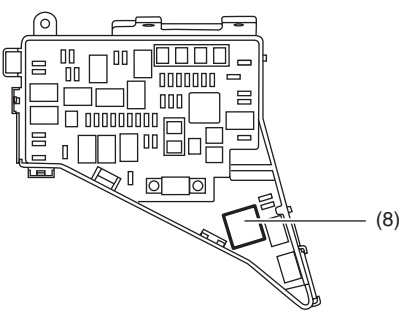
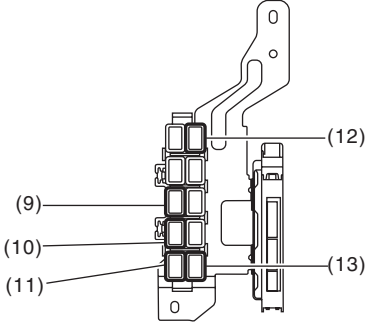
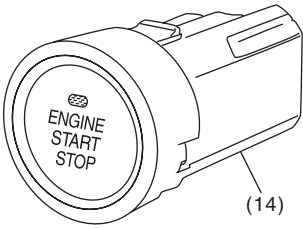
- Model with push button start



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

Electrical Component Location

ENGINE (DIAGNOSTICS)

 EN-07519	 EN-08800
 EN-07721	 EN-07525
 EN-09811	 EN-07527