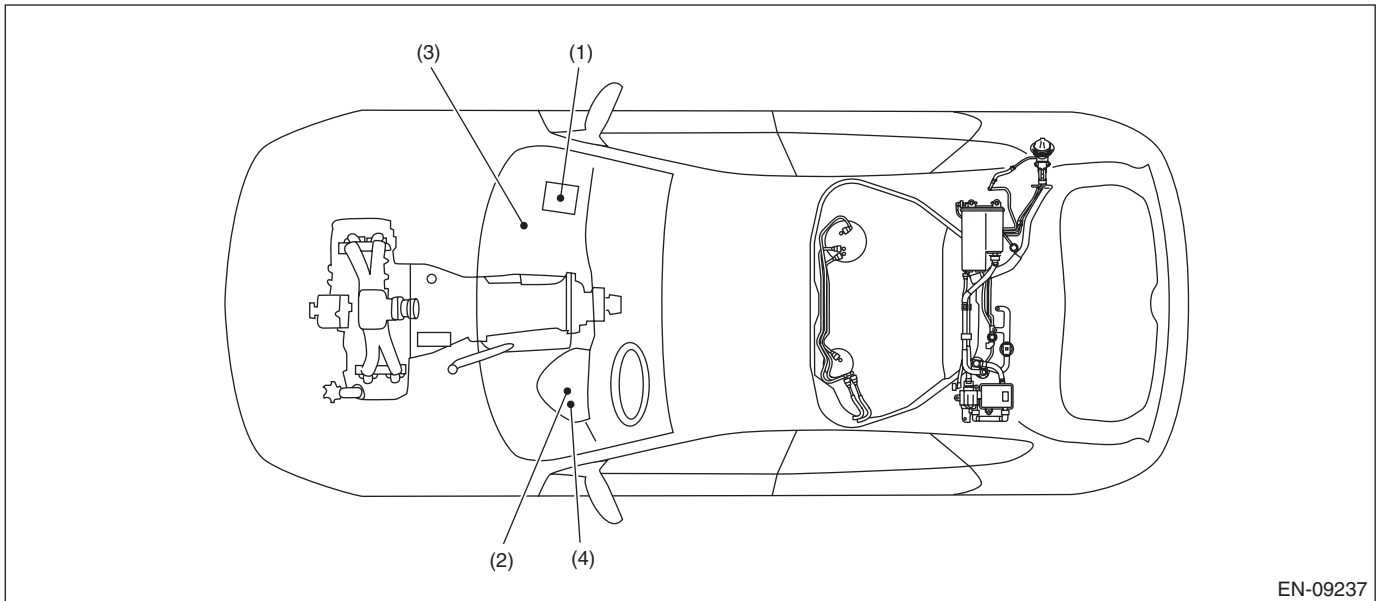


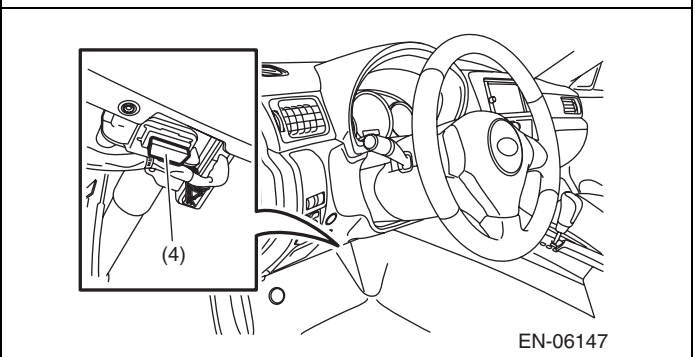
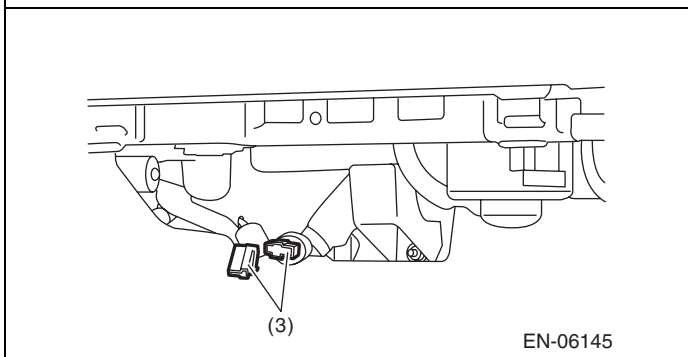
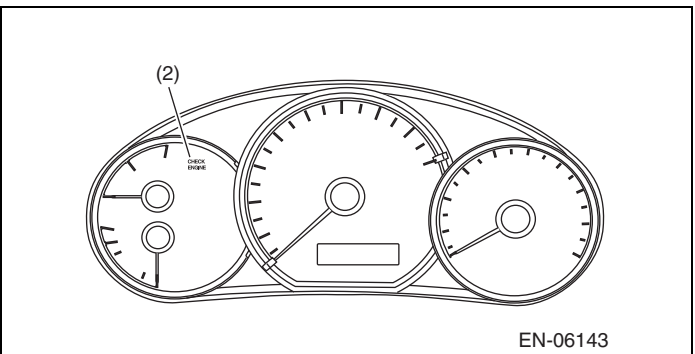
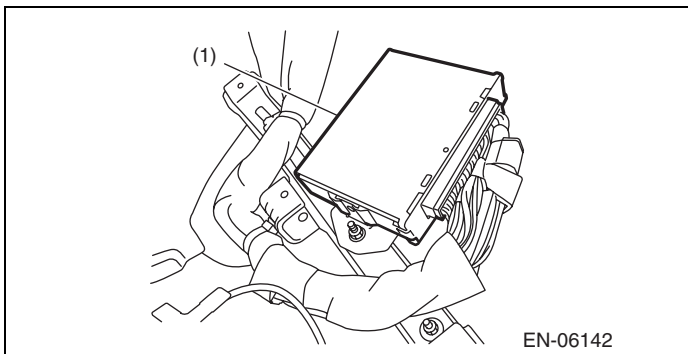
4. Electrical Component Location

A: LOCATION

1. CONTROL MODULE



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

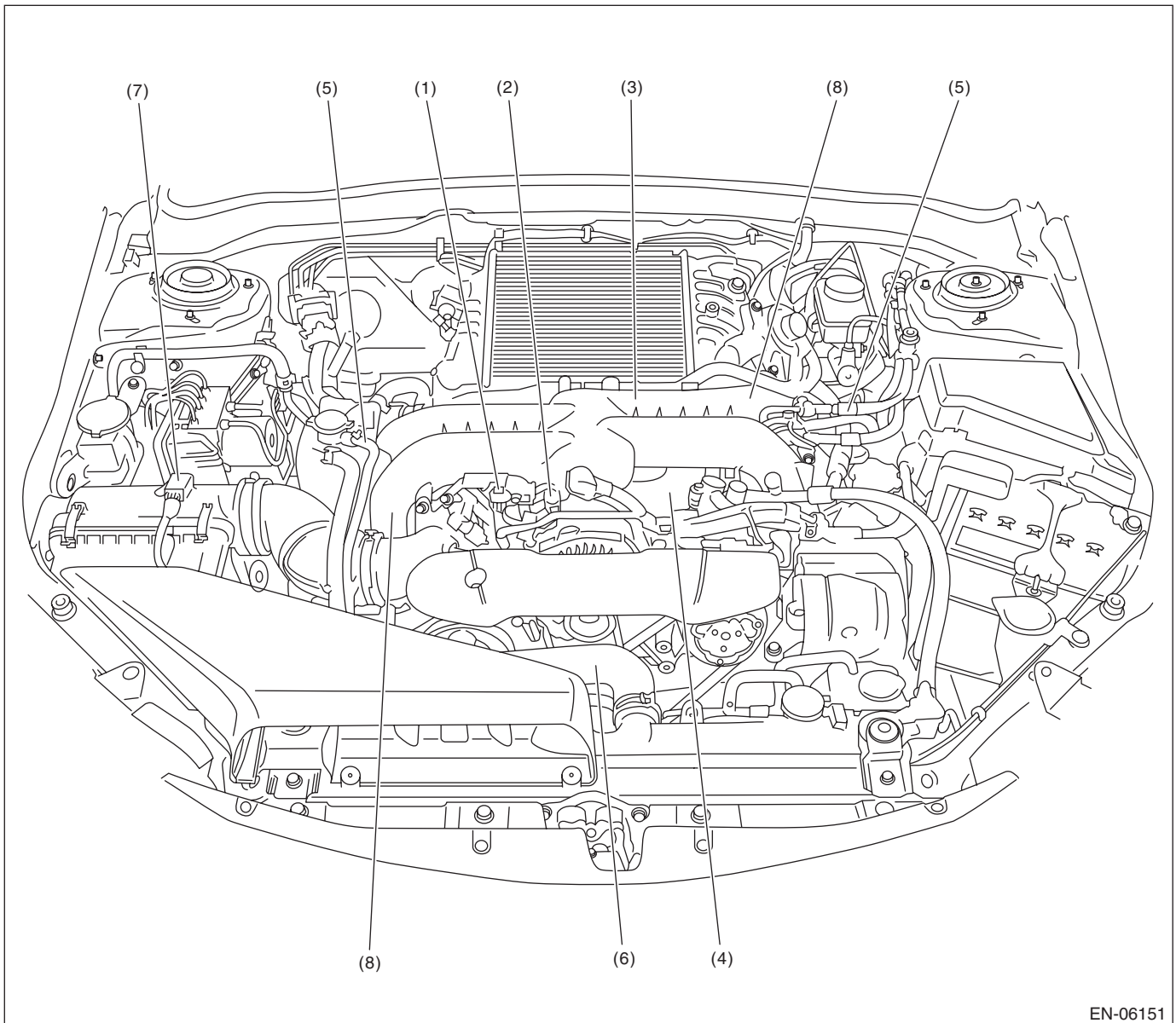


Electrical Component Location

ENGINE (DIAGNOSTICS)

2. SENSOR

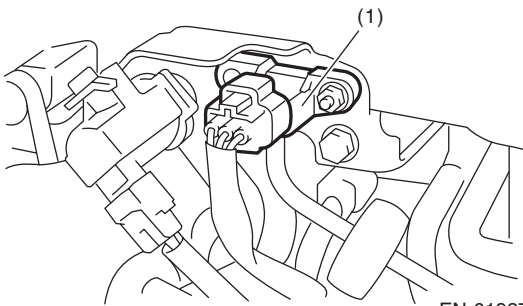
- Models without SI-DRIVE



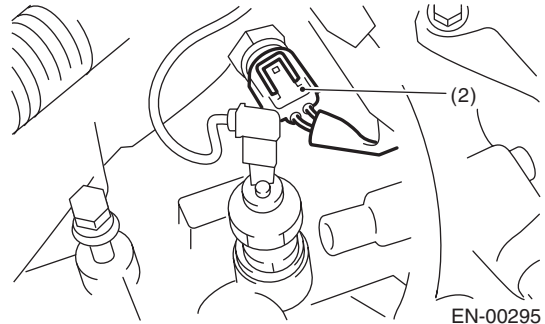
- | | | |
|---------------------------------------|-------------------------------------|---|
| (1) Manifold absolute pressure sensor | (4) Knock sensor | (7) Mass air flow and intake air temperature sensor |
| (2) Engine coolant temperature sensor | (5) Intake camshaft position sensor | (8) Tumble generator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

Electrical Component Location

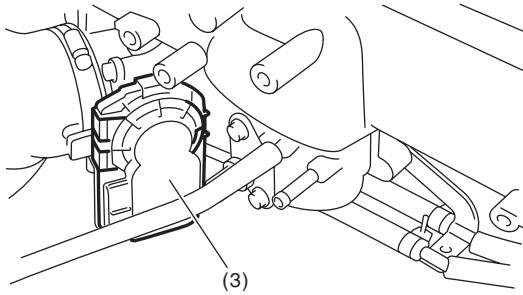
ENGINE (DIAGNOSTICS)



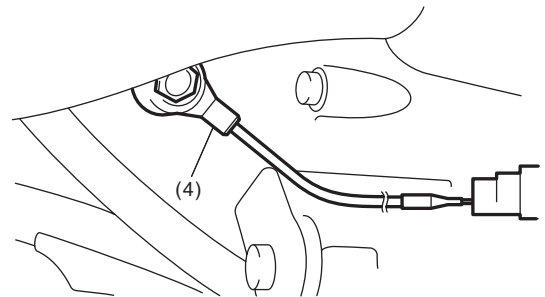
EN-01927



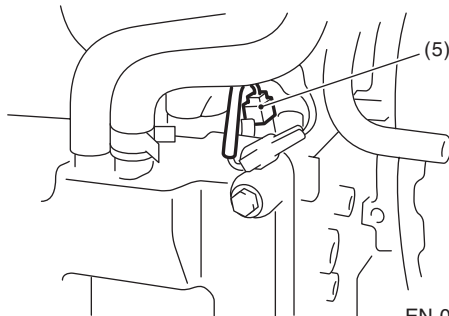
EN-00295



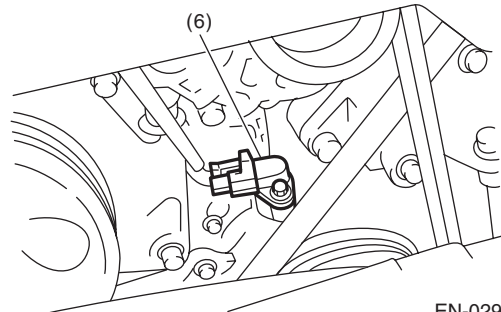
EN-01928



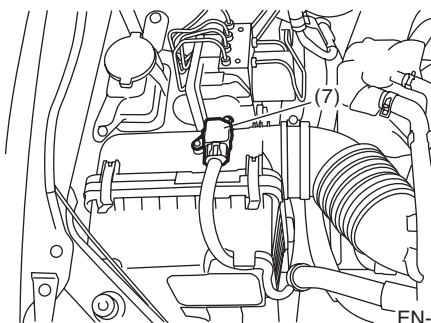
EN-02169



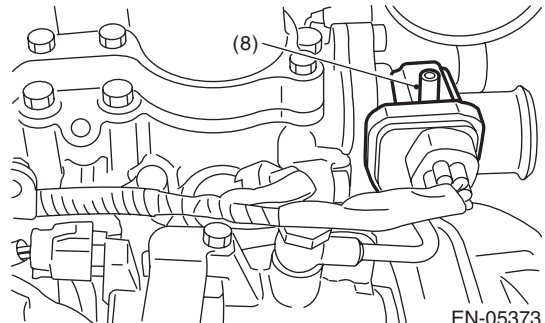
EN-01798



EN-02919



EN-06149

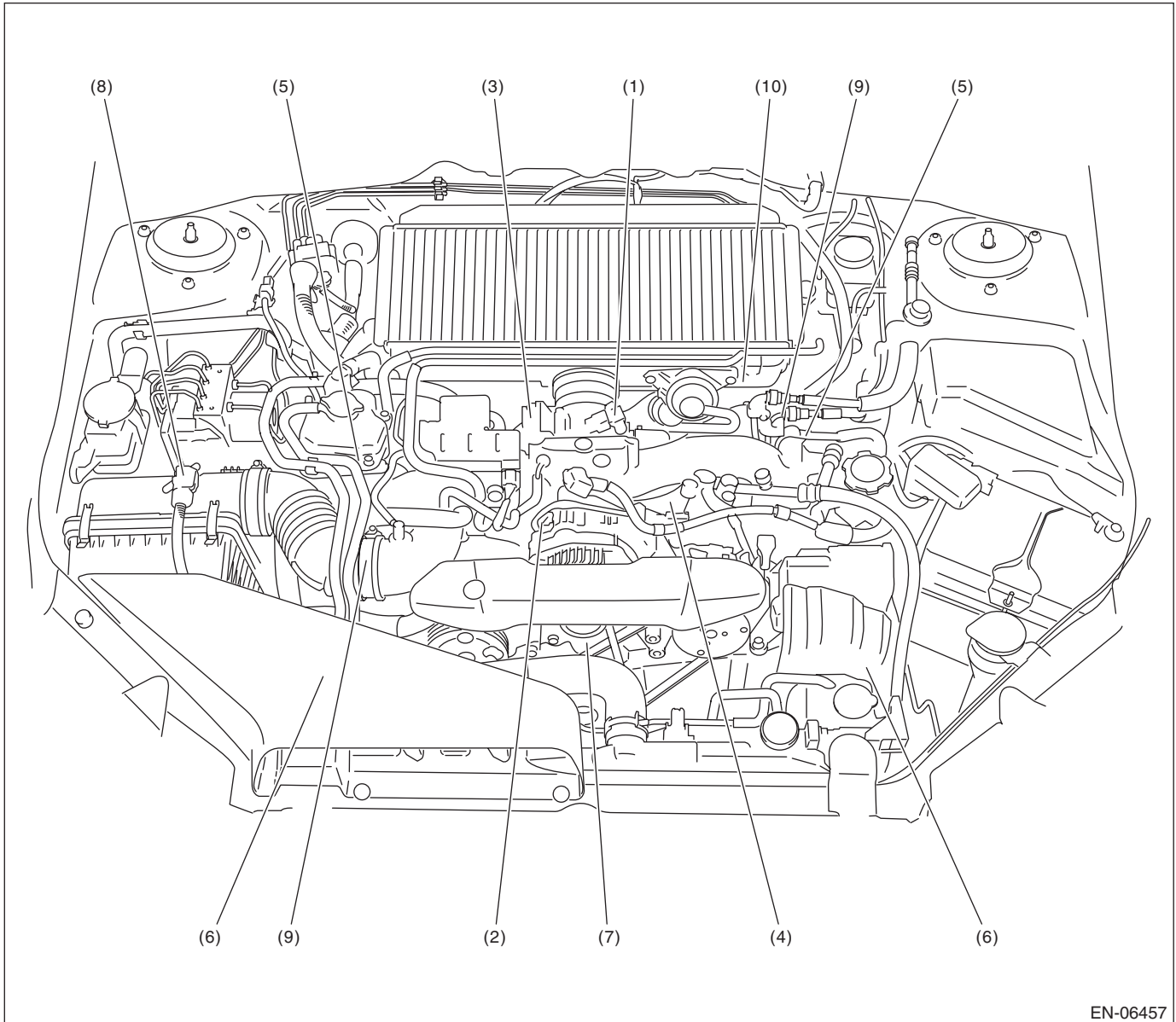


EN-05373

Electrical Component Location

ENGINE (DIAGNOSTICS)

- Models with SI-DRIVE

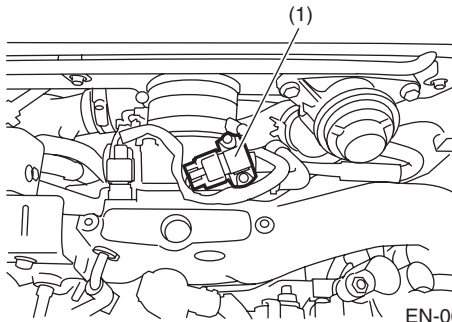


EN-06457

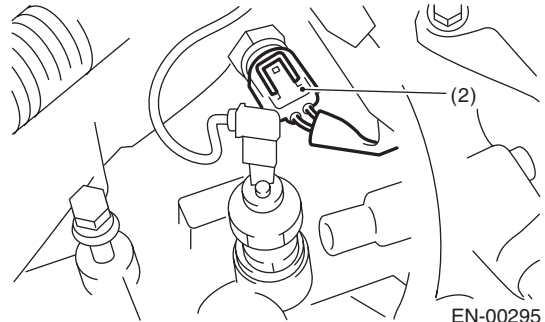
- | | | |
|---------------------------------------|--------------------------------------|---|
| (1) Manifold absolute pressure sensor | (5) Intake camshaft position sensor | (8) Mass air flow and intake air temperature sensor |
| (2) Engine coolant temperature sensor | (6) Exhaust camshaft position sensor | (9) Tumble generator valve ASSY |
| (3) Electronic throttle control | (7) Crankshaft position sensor | (10) Secondary air pipe pressure sensor |
| (4) Knock sensor | | |

Electrical Component Location

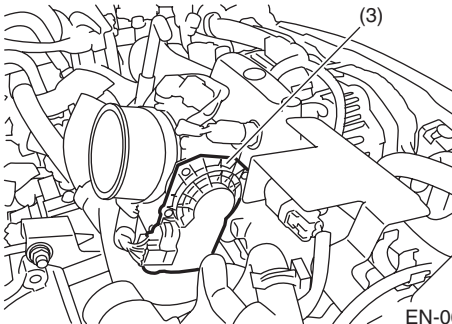
ENGINE (DIAGNOSTICS)



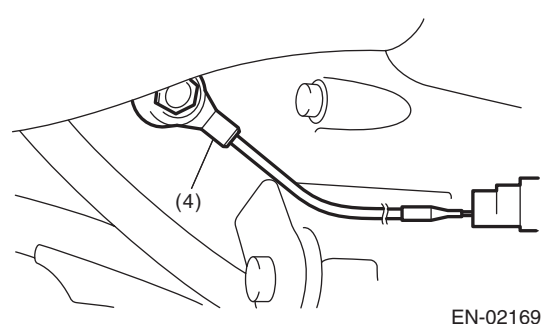
EN-06418



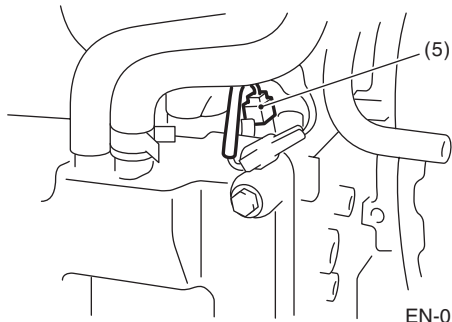
EN-00295



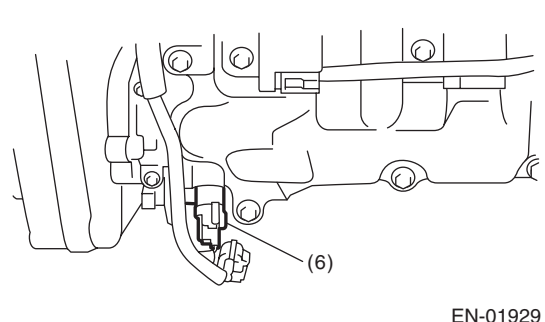
EN-06419



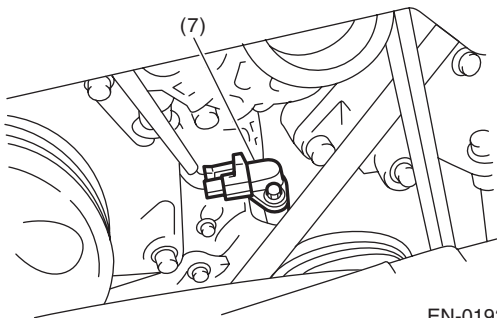
EN-02169



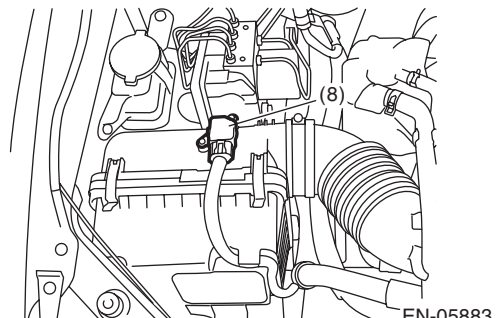
EN-01798



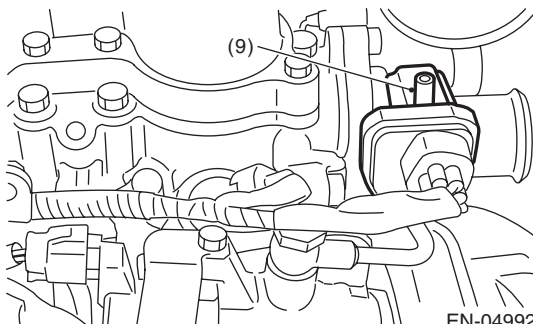
EN-01929



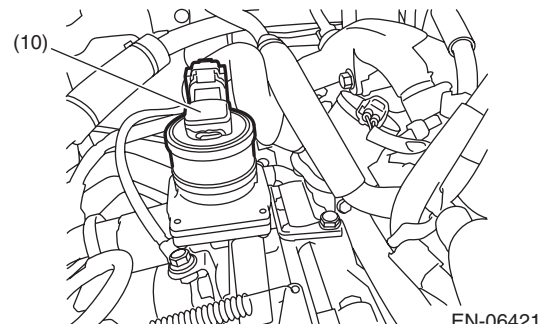
EN-01930



EN-05883



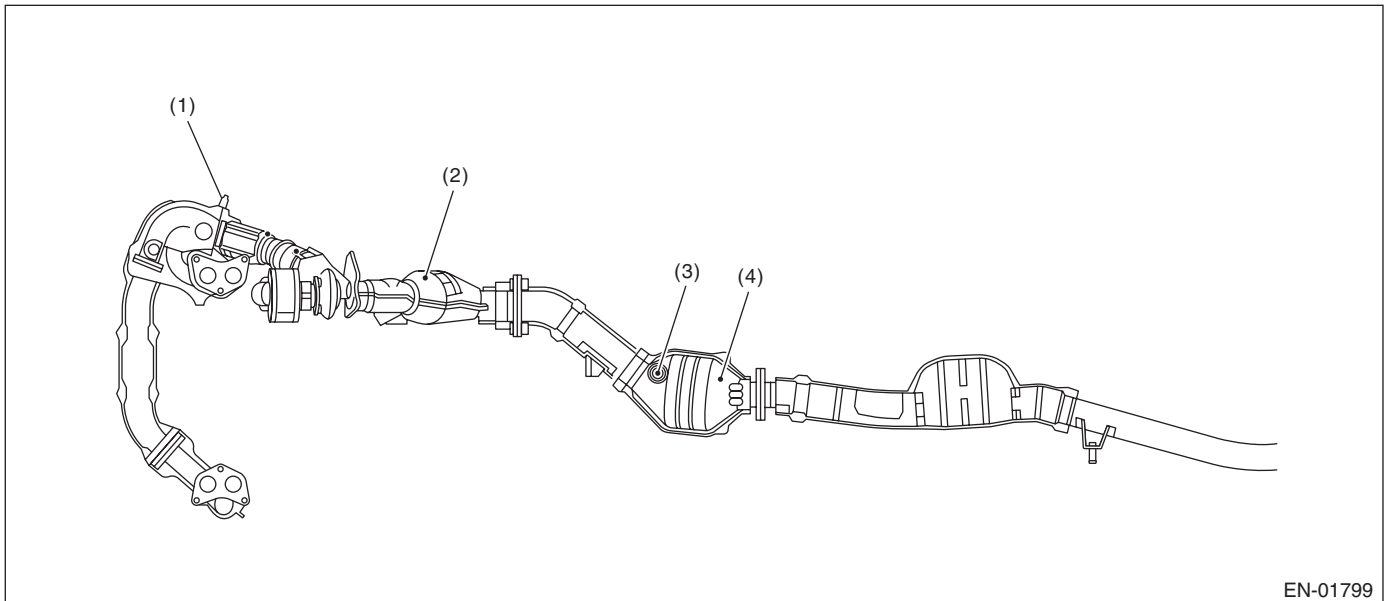
EN-04992



EN-06421

Electrical Component Location

ENGINE (DIAGNOSTICS)

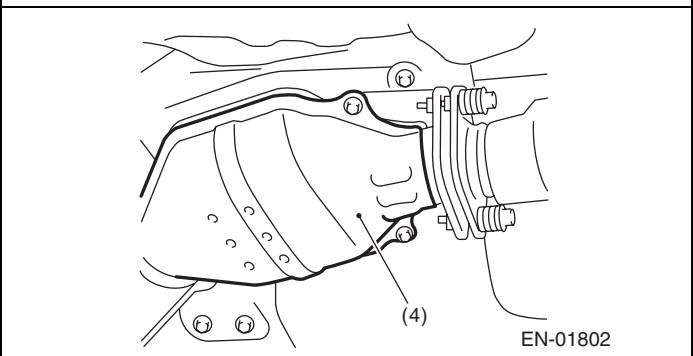
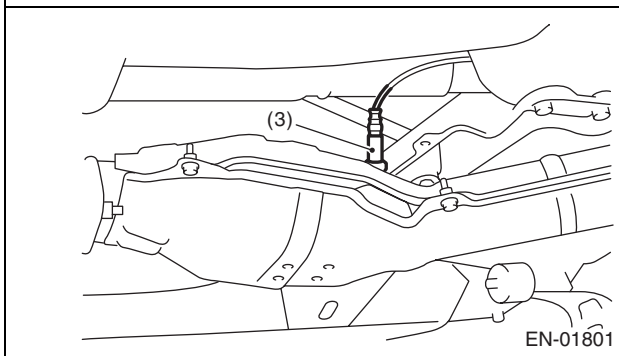
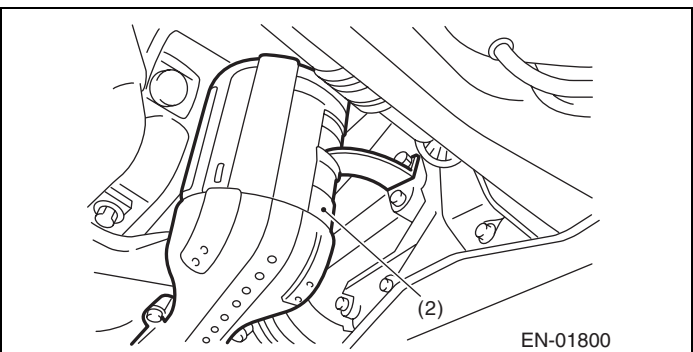
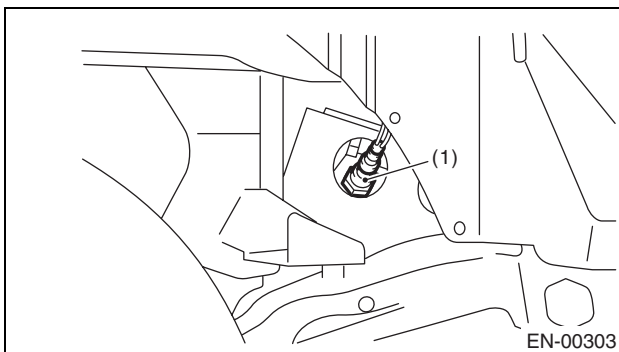


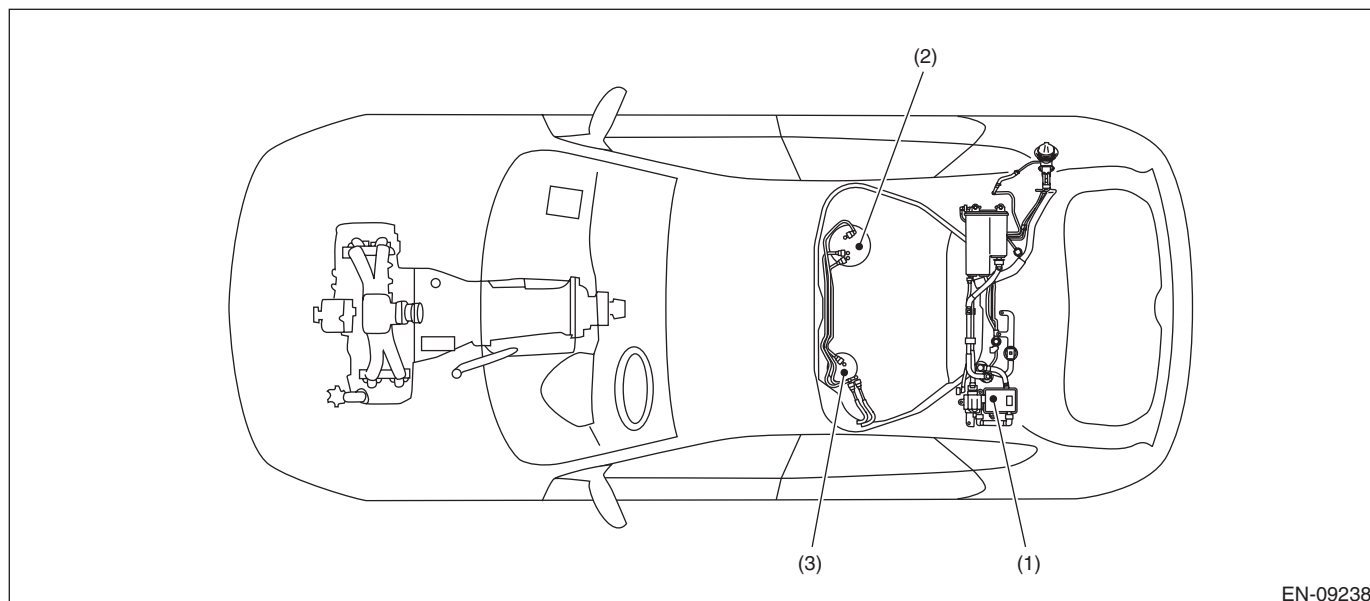
(1) Front oxygen (A/F) sensor

(3) Rear oxygen sensor

(4) Rear catalytic converter

(2) Front catalytic converter

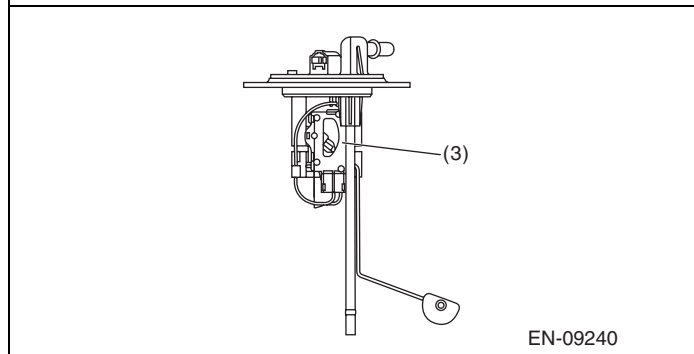
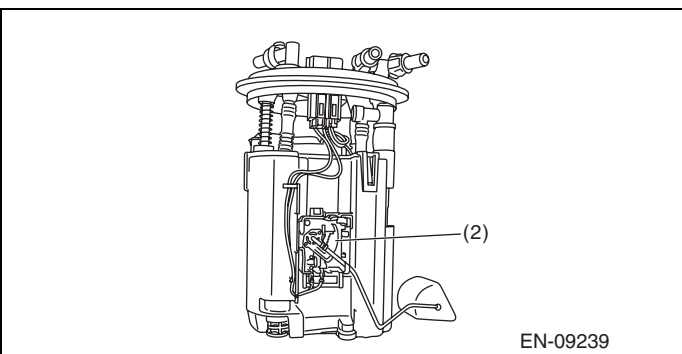
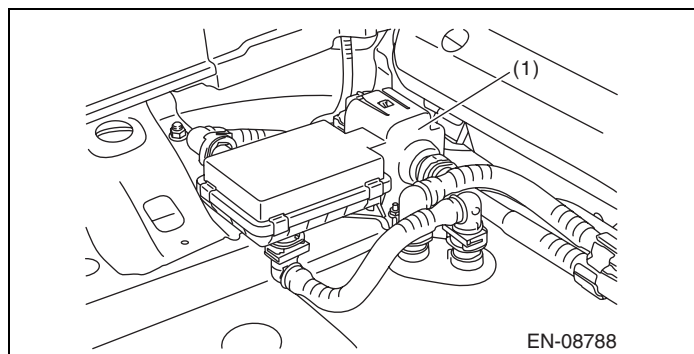




(1) Leak check valve ASSY (with built-in pressure sensor)

(2) Fuel level sensor

(3) Fuel sub level sensor



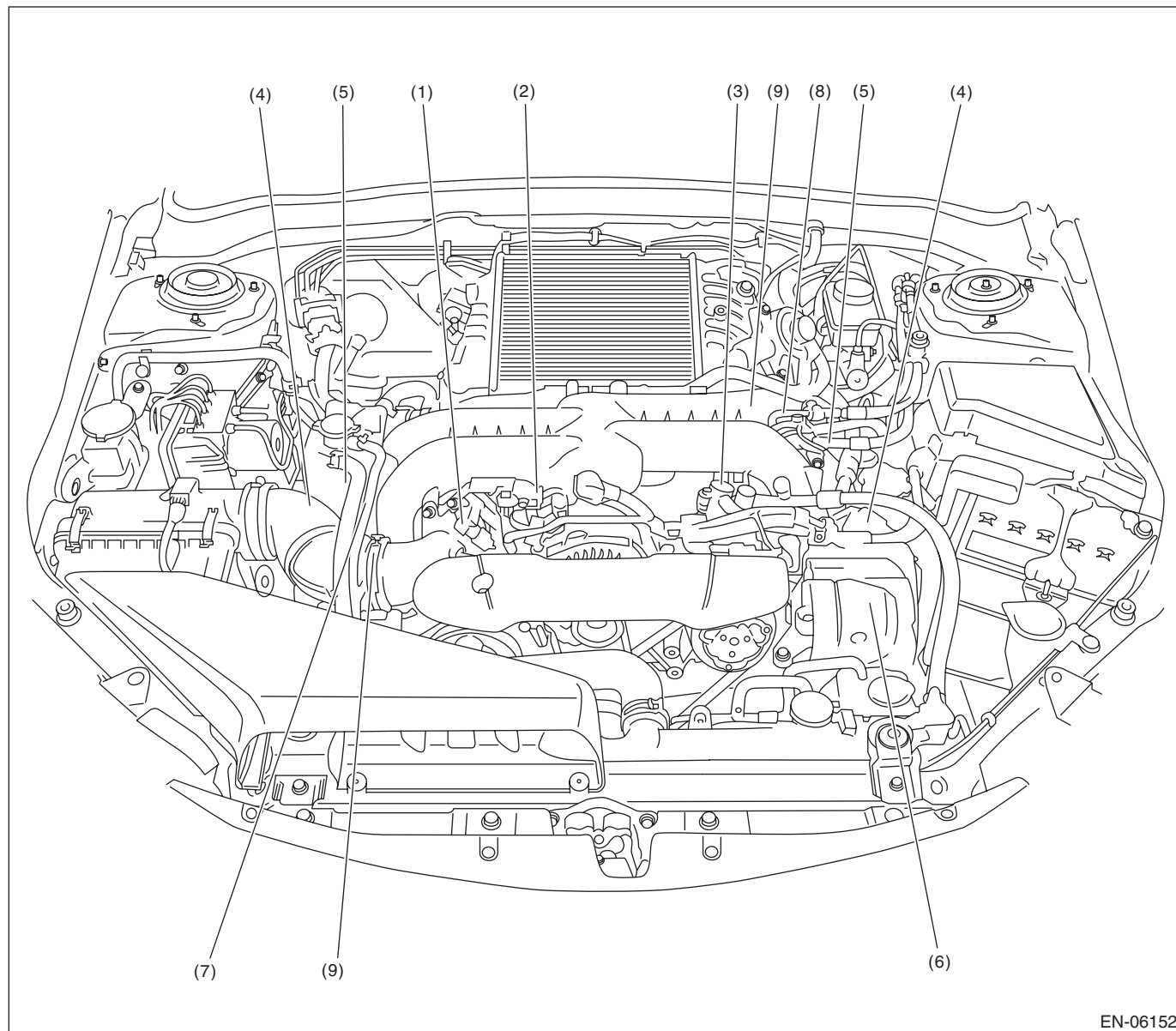
SUBARU.

Electrical Component Location

ENGINE (DIAGNOSTICS)

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

- Models without SI-DRIVE

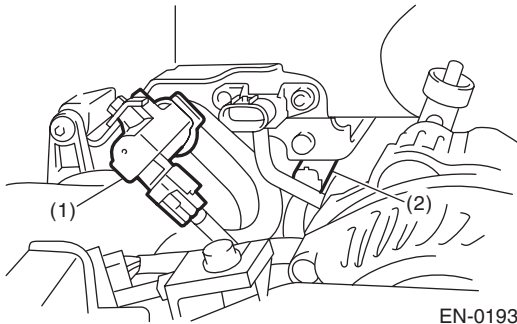


EN-06152

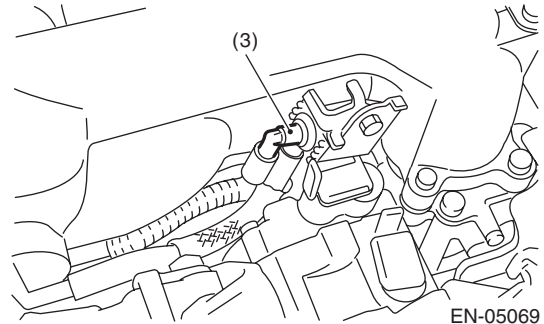
- | | | |
|--------------------------------------|--|--|
| (1) Wastegate control solenoid valve | (4) Ignition coil | (7) Secondary air combination valve RH |
| (2) Purge control solenoid valve 2 | (5) Intake oil flow control solenoid valve | (8) Secondary air combination valve LH |
| (3) Purge control solenoid valve 1 | (6) Secondary air pump | (9) Tumble generator valve ASSY |

Electrical Component Location

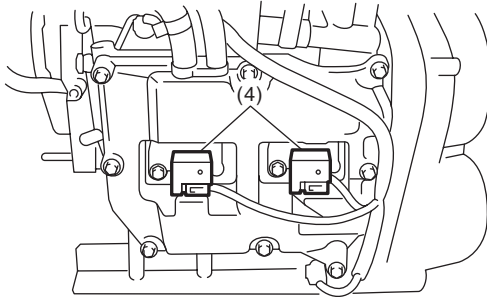
ENGINE (DIAGNOSTICS)



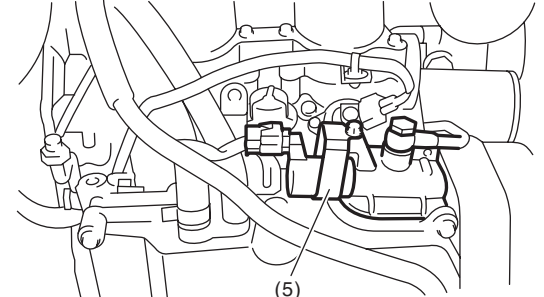
EN-01935



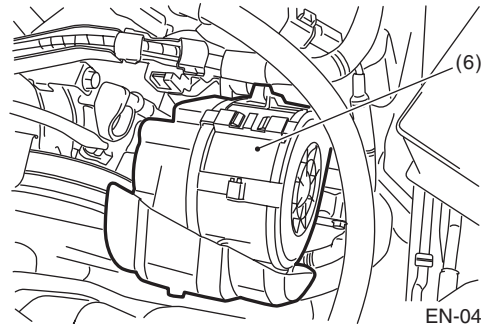
EN-05069



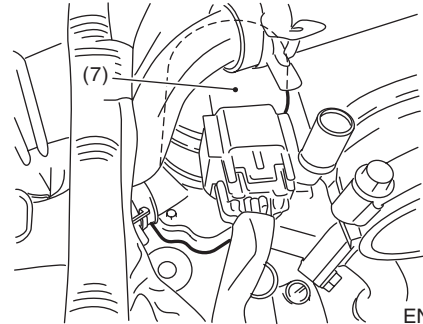
EN-05070



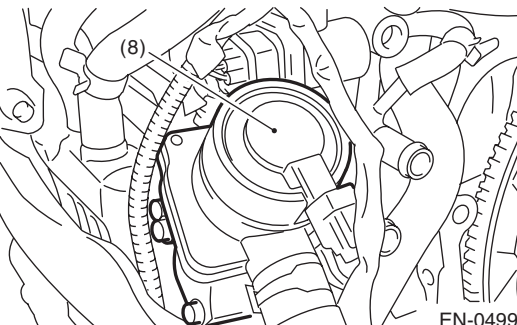
EN-05071



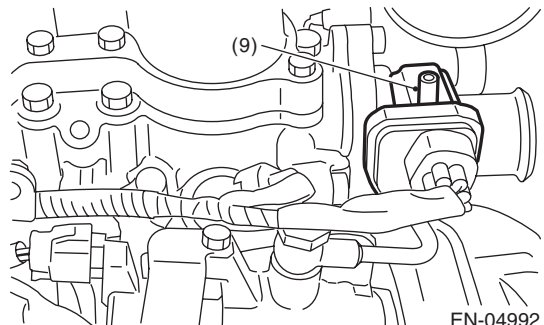
EN-04936



EN-04990



EN-04991

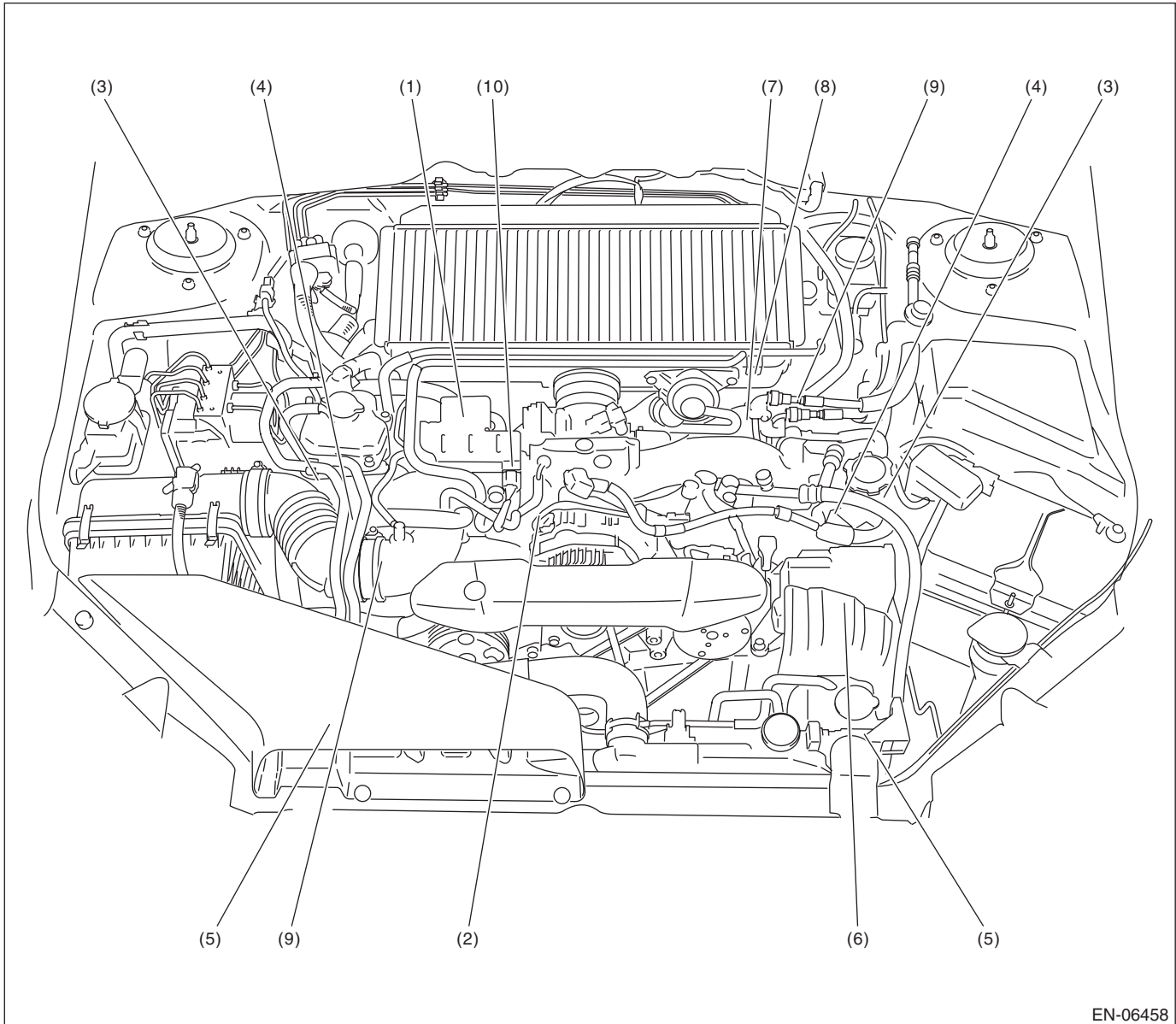


EN-04992

Electrical Component Location

ENGINE (DIAGNOSTICS)

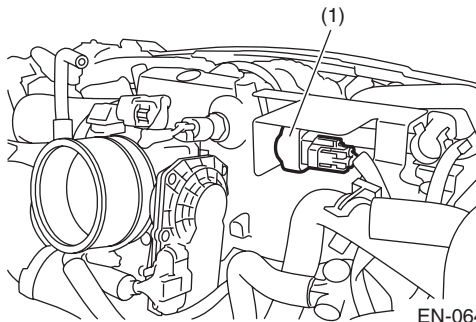
- Models with SI-DRIVE



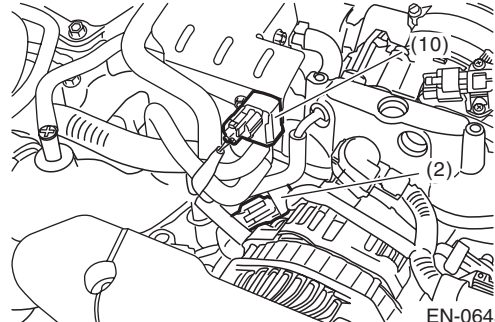
- | | | |
|--|---|--|
| (1) Wastegate control solenoid valve | (5) Exhaust oil flow control solenoid valve | (8) Secondary air combination valve LH |
| (2) Purge control solenoid valve 1 | (6) Secondary air pump | (9) Tumble generator valve ASSY |
| (3) Ignition coil | (7) Secondary air combination valve RH | (10) Purge control solenoid valve 2 |
| (4) Intake oil flow control solenoid valve | | |

Electrical Component Location

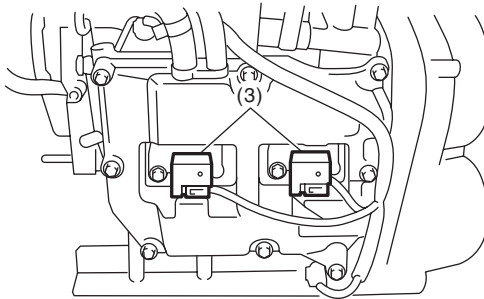
ENGINE (DIAGNOSTICS)



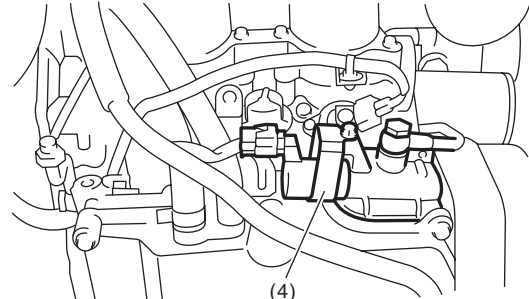
EN-06426



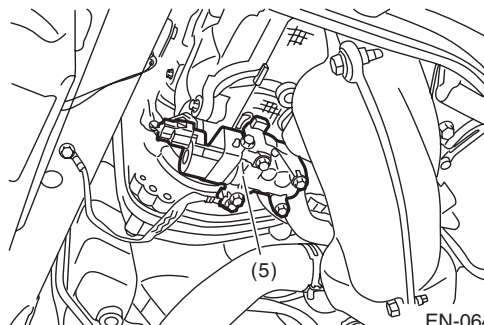
EN-06459



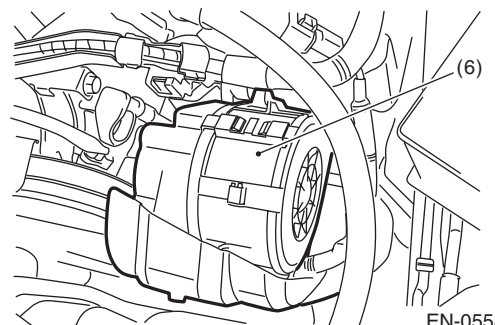
EN-01936



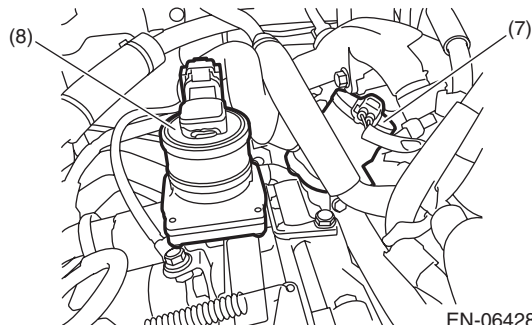
EN-01937



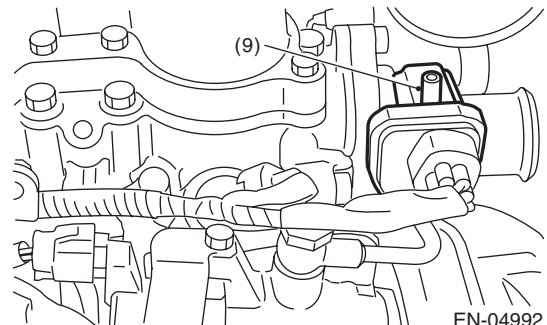
EN-06460



EN-05586



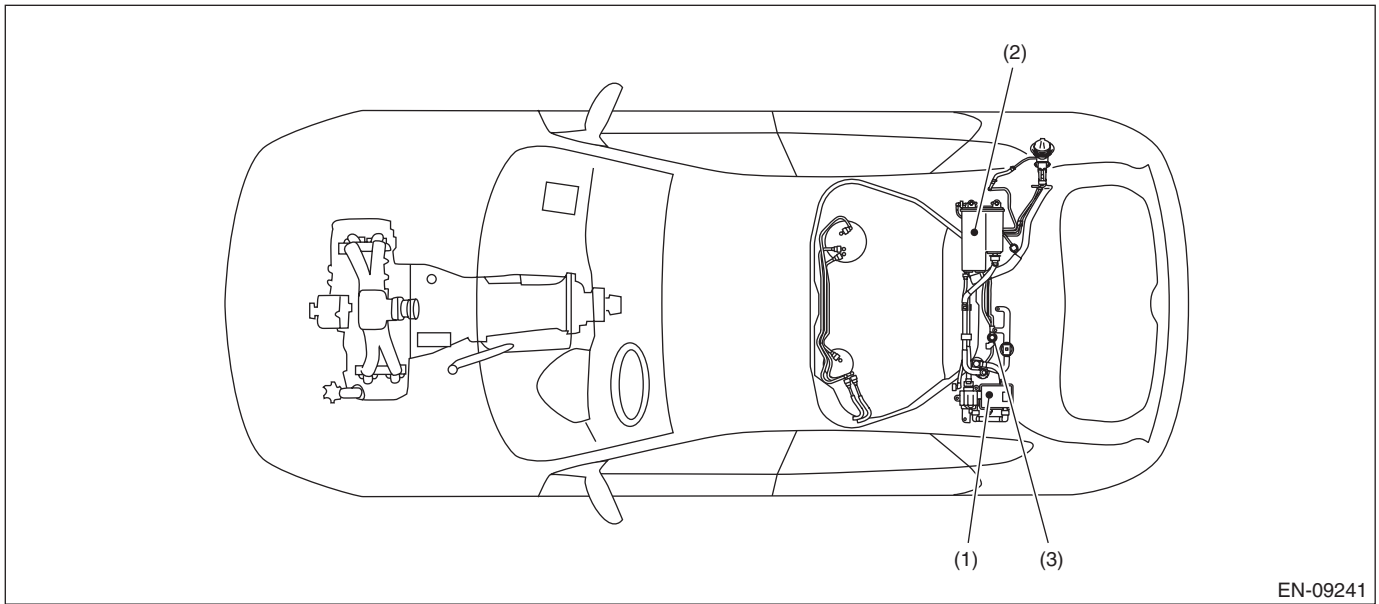
EN-06428



EN-04992

Electrical Component Location

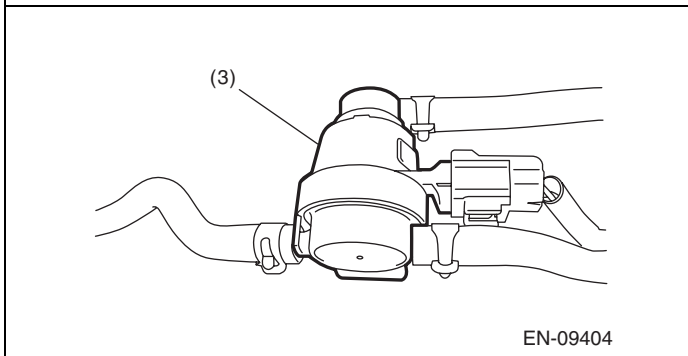
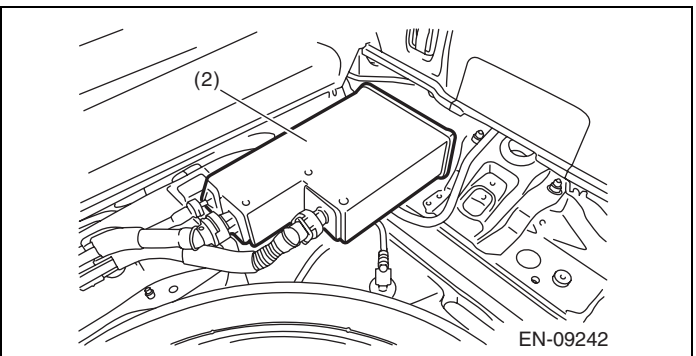
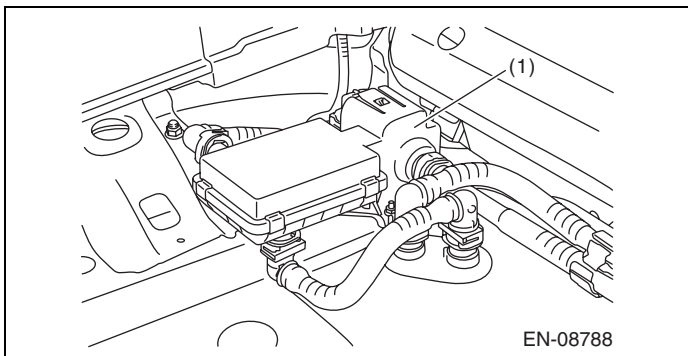
ENGINE (DIAGNOSTICS)



(1) Leak check valve ASSY

(2) Canister

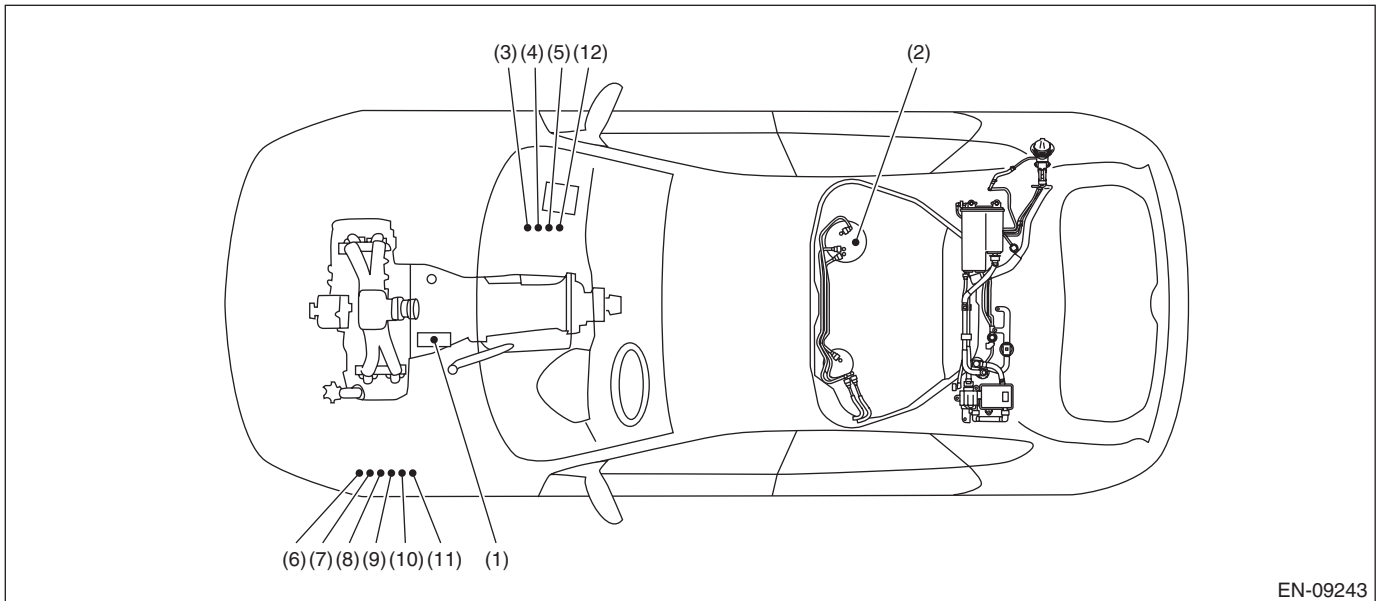
(3) Pressure control solenoid valve ASSY



SUBARU.

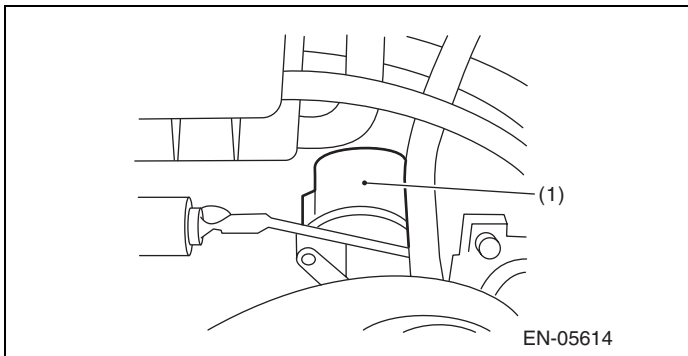
Electrical Component Location

ENGINE (DIAGNOSTICS)

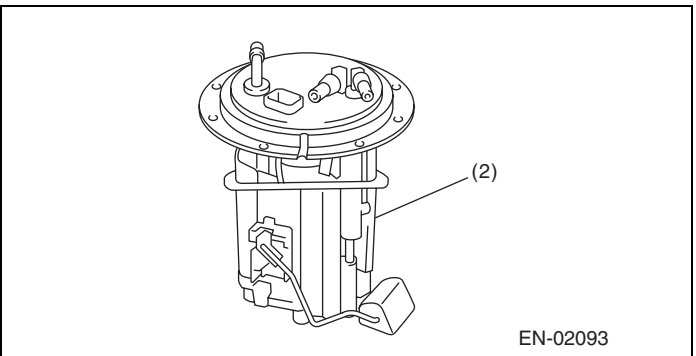


EN-09243

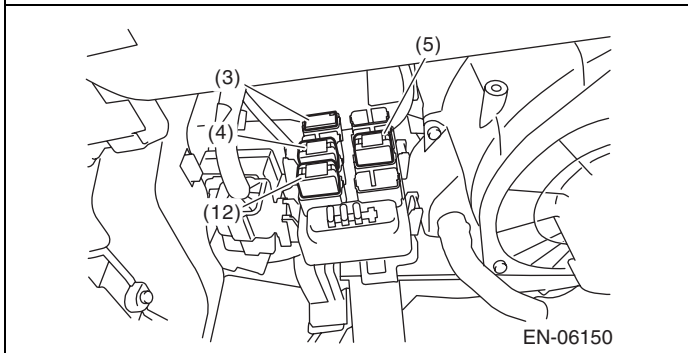
- | | | |
|---------------------|---------------------------------------|--|
| (1) Starter | (5) Electronic throttle control relay | (9) Secondary air combination valve relay 1 |
| (2) Fuel pump | (6) Radiator main fan relay 1 | (10) Secondary air combination valve relay 2 |
| (3) Main relay | (7) Radiator sub fan relay | (11) Secondary air pump relay |
| (4) Fuel pump relay | (8) Radiator main fan relay 2 | (12) A/F, oxygen sensor relay |



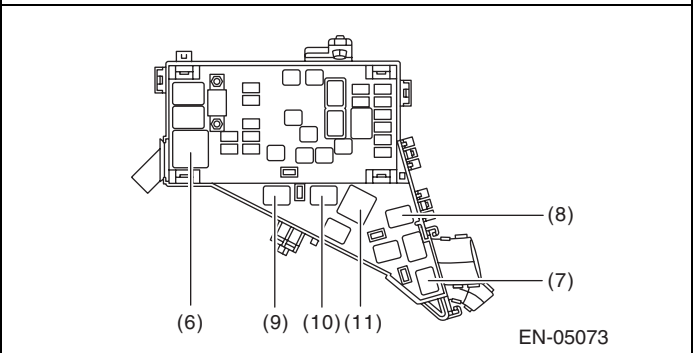
EN-05614



EN-02093



EN-06150



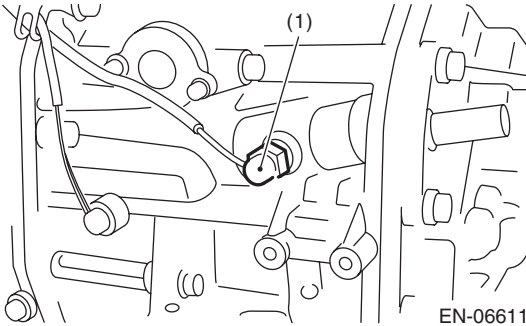
EN-05073

Electrical Component Location

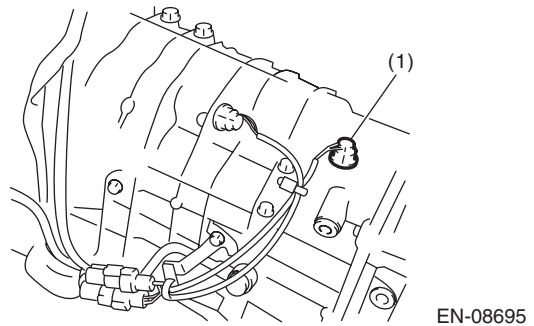
ENGINE (DIAGNOSTICS)

4. TRANSMISSION

- 5MT model



- 6MT model



(1) Neutral position switch