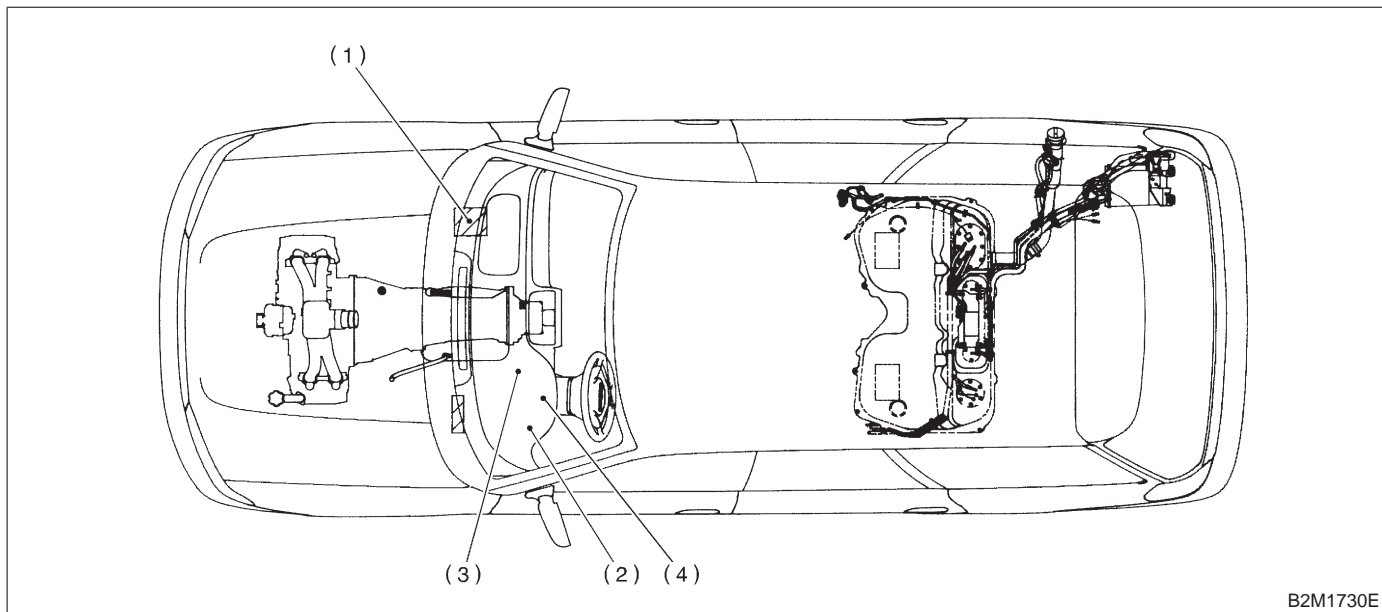


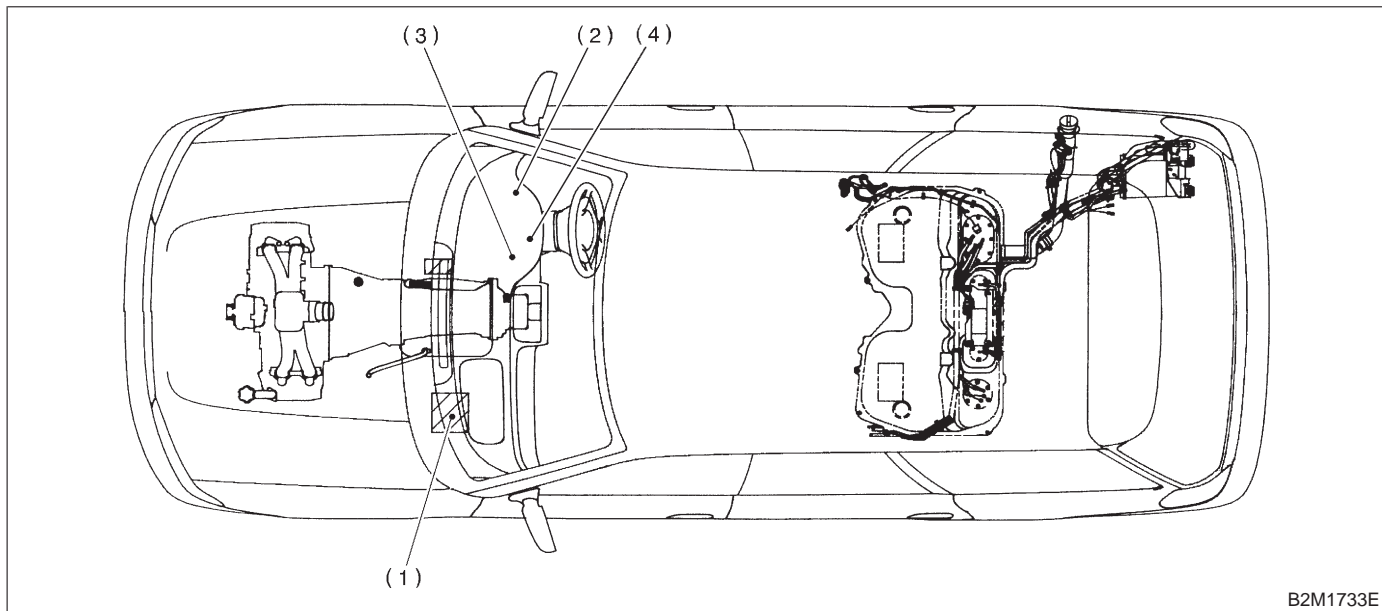
2. Electrical Components Location

A: ENGINE (2200 cc CALIFORNIA SPEC. VEHICLES)

1. MODULE



B2M1730E



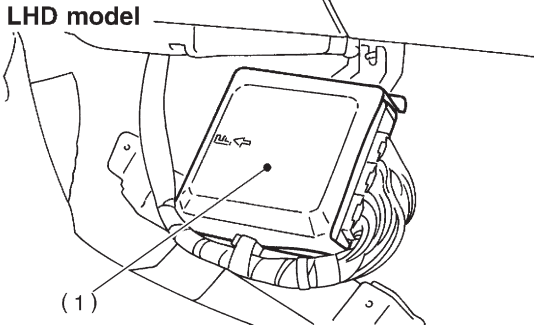
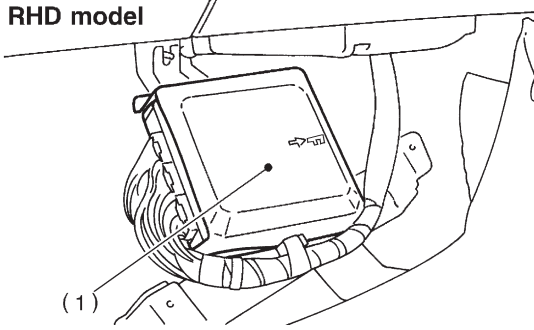
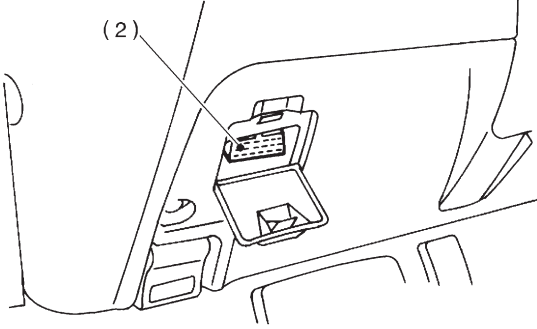
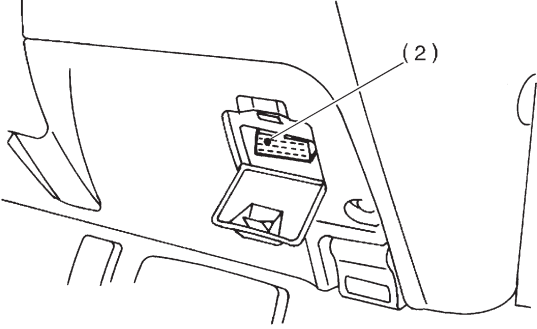
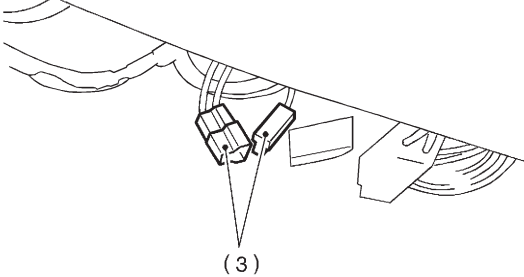
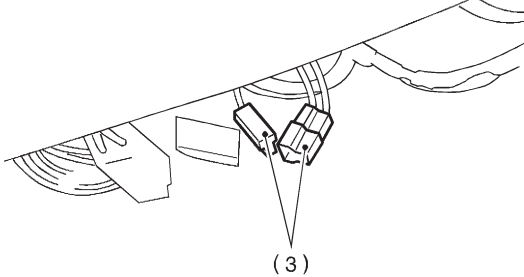
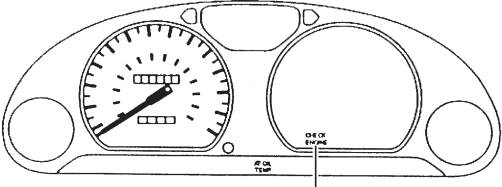

B2M1733E

- | | |
|--|---|
| (1) Engine control module (ECM) | (3) Test mode connector |
| (2) Data link connector (for Subaru Select Monitor and OBD-II general scan tool) | (4) CHECK ENGINE malfunction indicator lamp (MIL) |

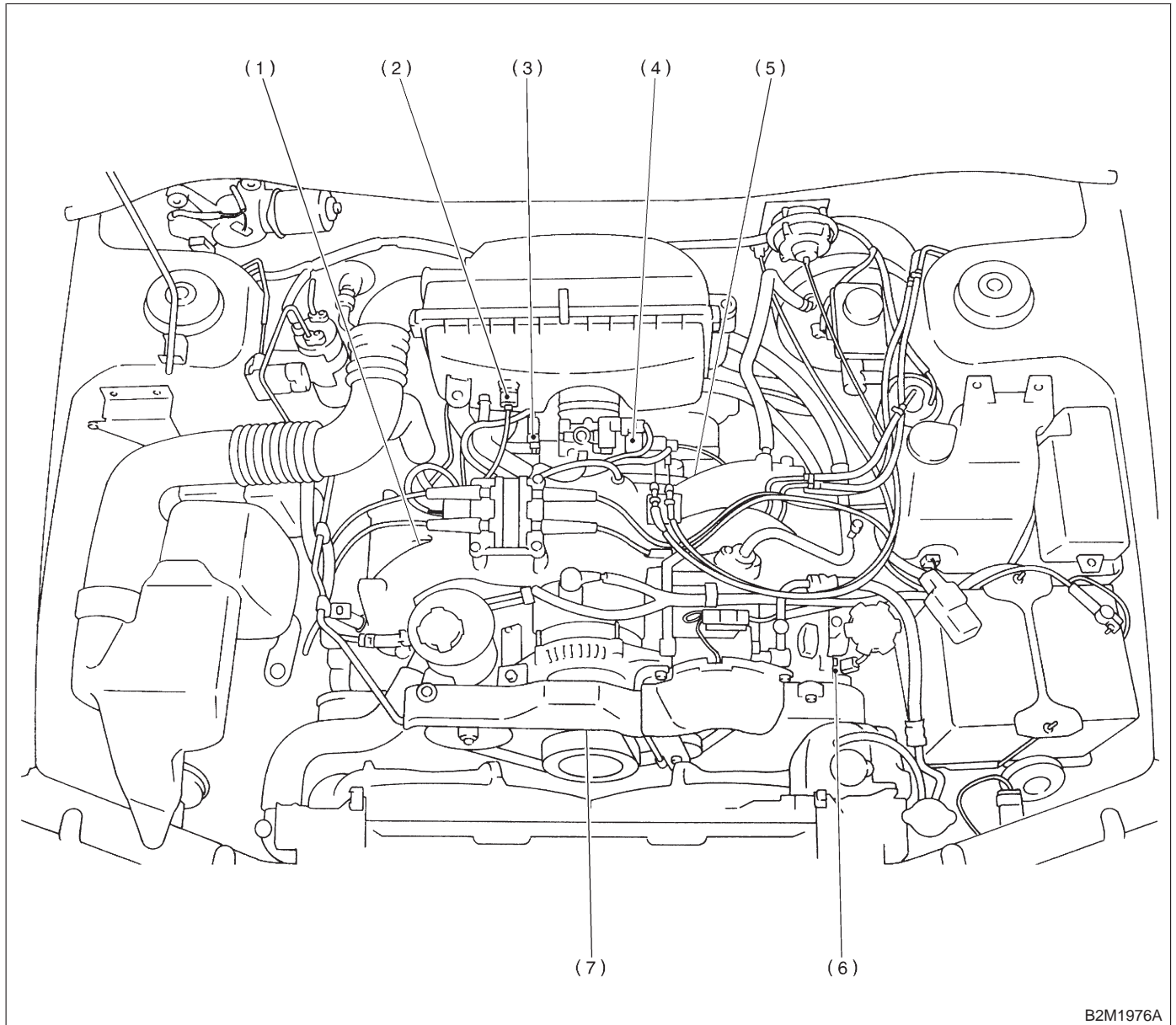
ON-BOARD DIAGNOSTICS II SYSTEM

[T2A1] 2-7

2. Electrical Components Location

<p>LHD model</p>  <p>(1)</p> <p>B2M2237B</p>	<p>RHD model</p>  <p>(1)</p> <p>B2M2248A</p>
<p>LHD model</p>  <p>(2)</p> <p>OBD0006L</p>	<p>RHD model</p>  <p>(2)</p> <p>B2M0433H</p>
<p>LHD model</p>  <p>(3)</p> <p>B2M2238B</p>	<p>RHD model</p>  <p>(3)</p> <p>B2M2249A</p>
 <p>(4)</p> <p>B2M0470G</p>	

2. SENSOR



B2M1976A

- (1) Engine coolant temperature sensor
- (2) Intake air temperature sensor

- (3) Throttle position sensor
- (4) Intake manifold pressure sensor
- (5) Knock sensor

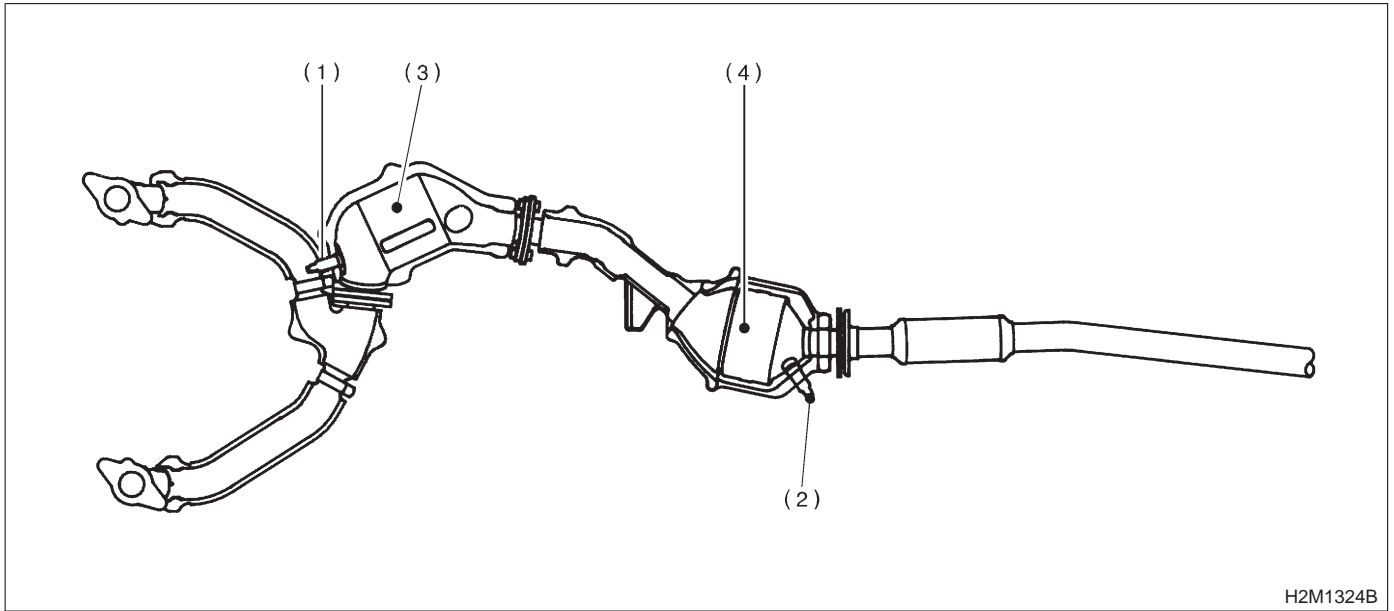
- (6) Camshaft position sensor
- (7) Crankshaft position sensor

 <p>(1)</p> <p>B2M1690C</p>	 <p>(2)</p> <p>B2M2250A</p>
 <p>(3)</p> <p>B2M2251A</p>	 <p>(4)</p> <p>B2M2252A</p>
 <p>(5)</p> <p>B2M2241A</p>	 <p>(6)</p> <p>B2M2242A</p>
 <p>(7)</p> <p>B2M0213J</p>	<p>SUBARU.</p>

2-7 [T2A2]

ON-BOARD DIAGNOSTICS II SYSTEM

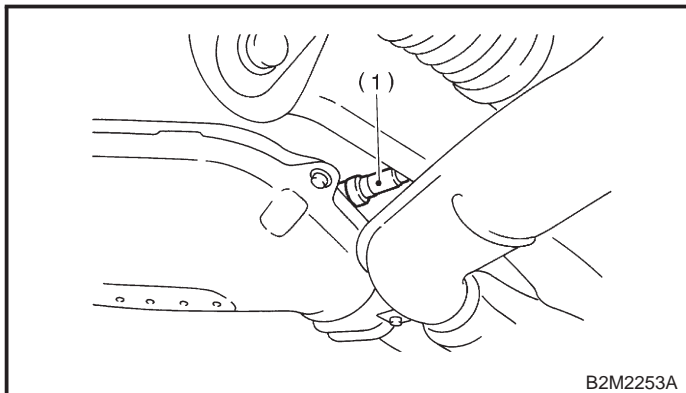
2. Electrical Components Location



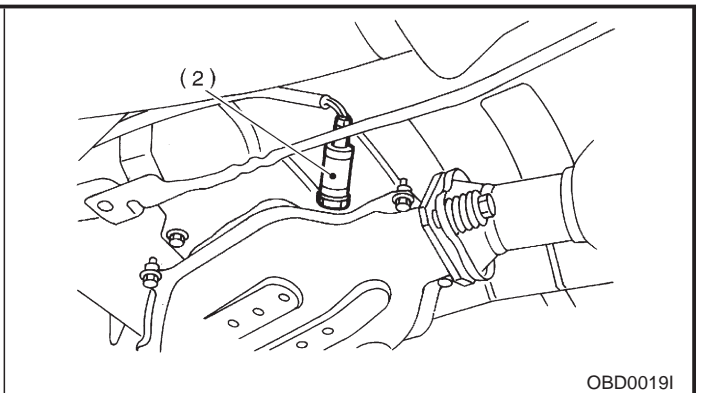
H2M1324B

- (1) Front oxygen (A/F) sensor
- (2) Rear oxygen sensor

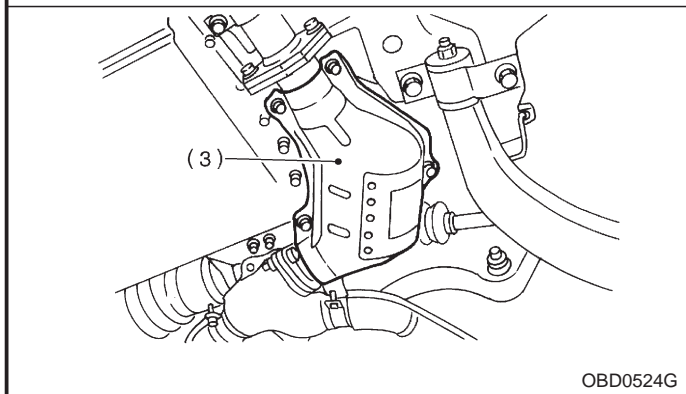
- (3) Front catalytic converter
- (4) Rear catalytic converter



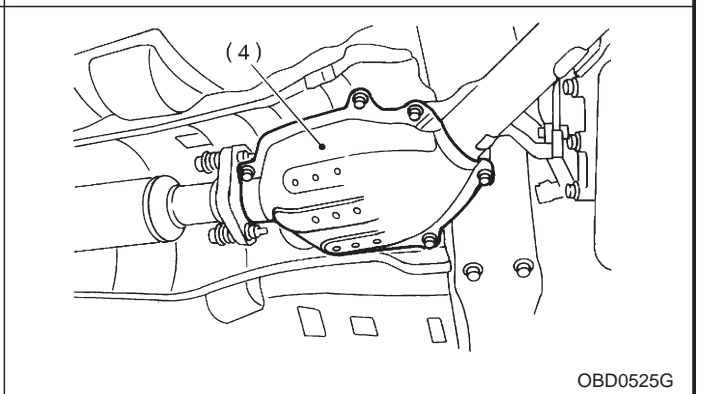
B2M2253A



OBD0019I

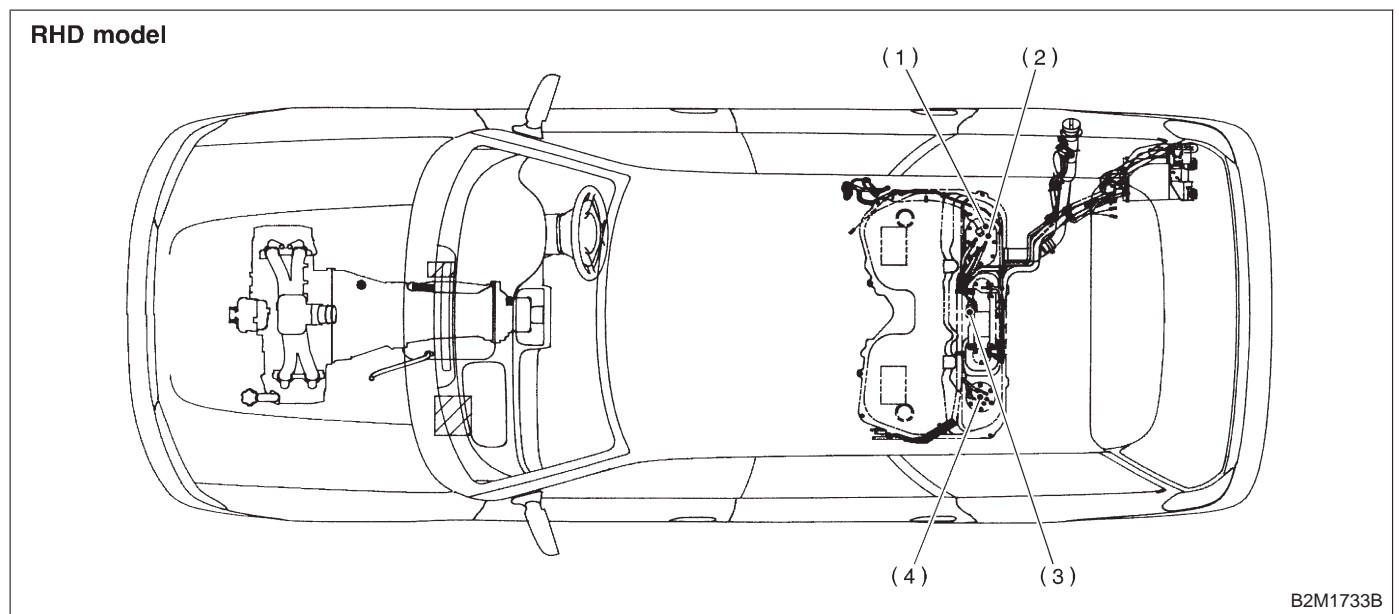
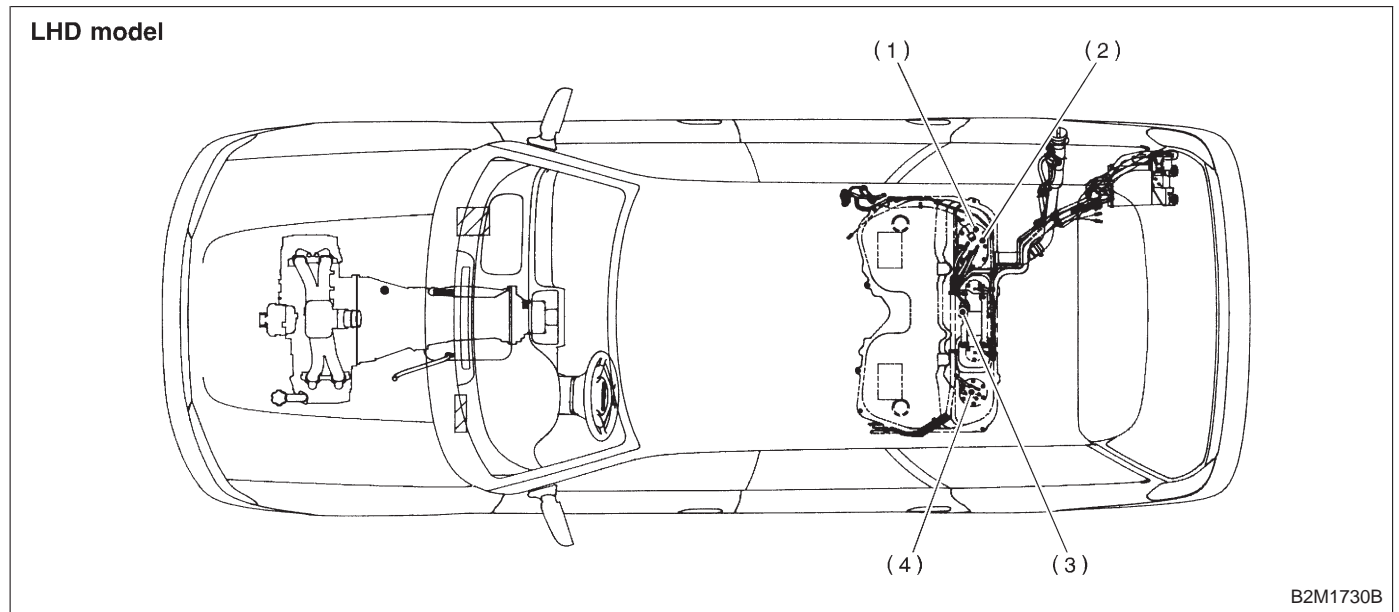


OBD0524G



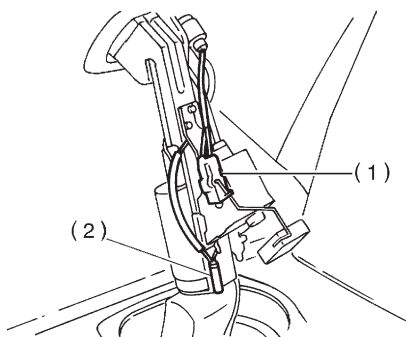
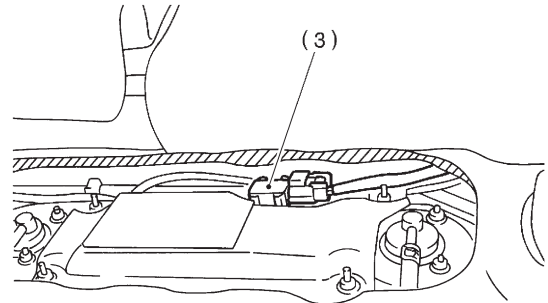
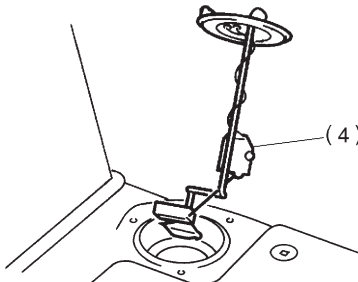
OBD0525G

MEMO:

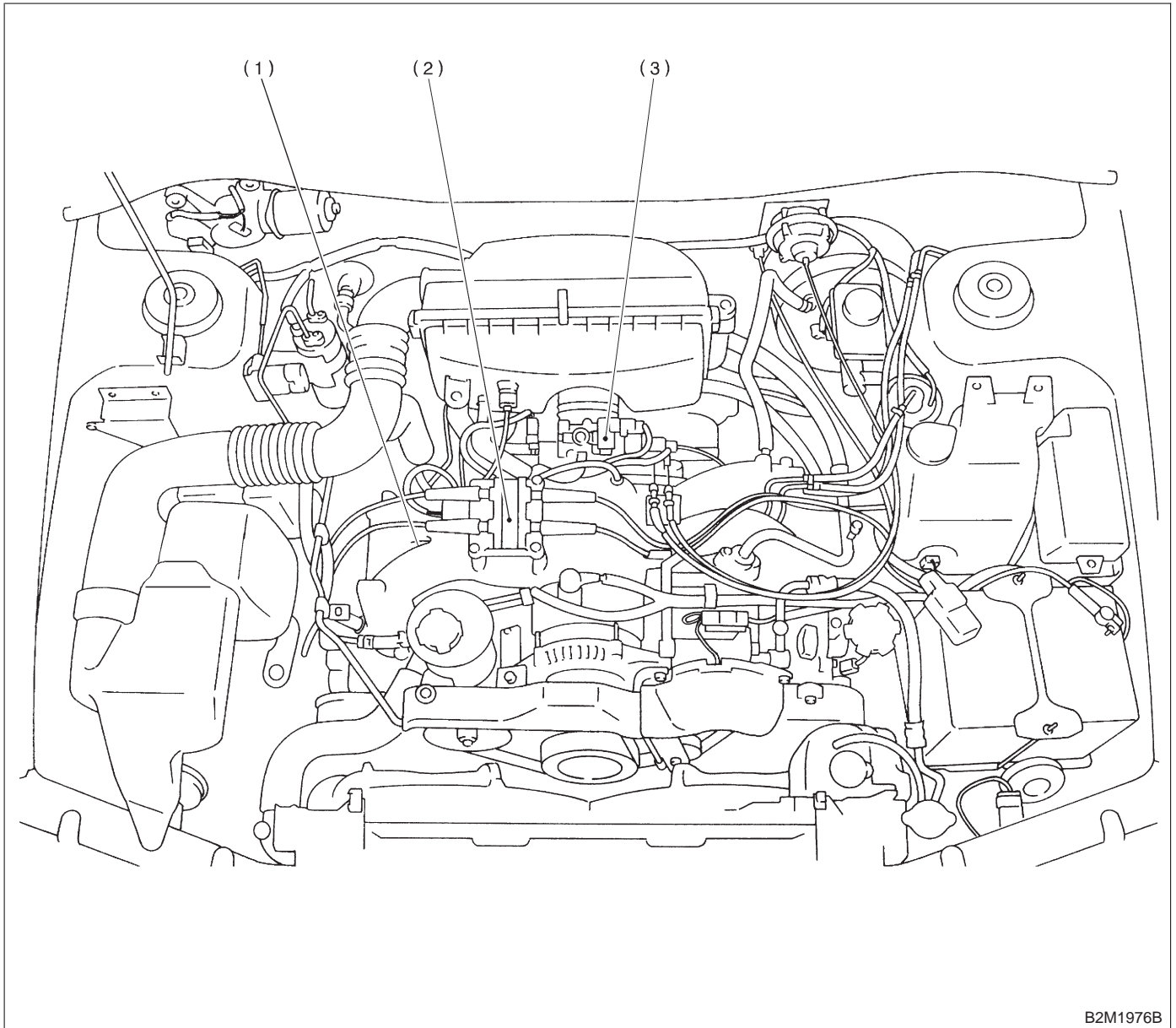


- (1) Fuel level sensor
- (2) Fuel temperature sensor

- (3) Fuel tank pressure sensor
- (4) Fuel sub level sensor

 <p>B2M0921B</p>	 <p>B2M1807A</p>
 <p>B2M0946B</p>	<p>SUBARU.</p>

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



B2M1976B

(1) Purge control solenoid valve

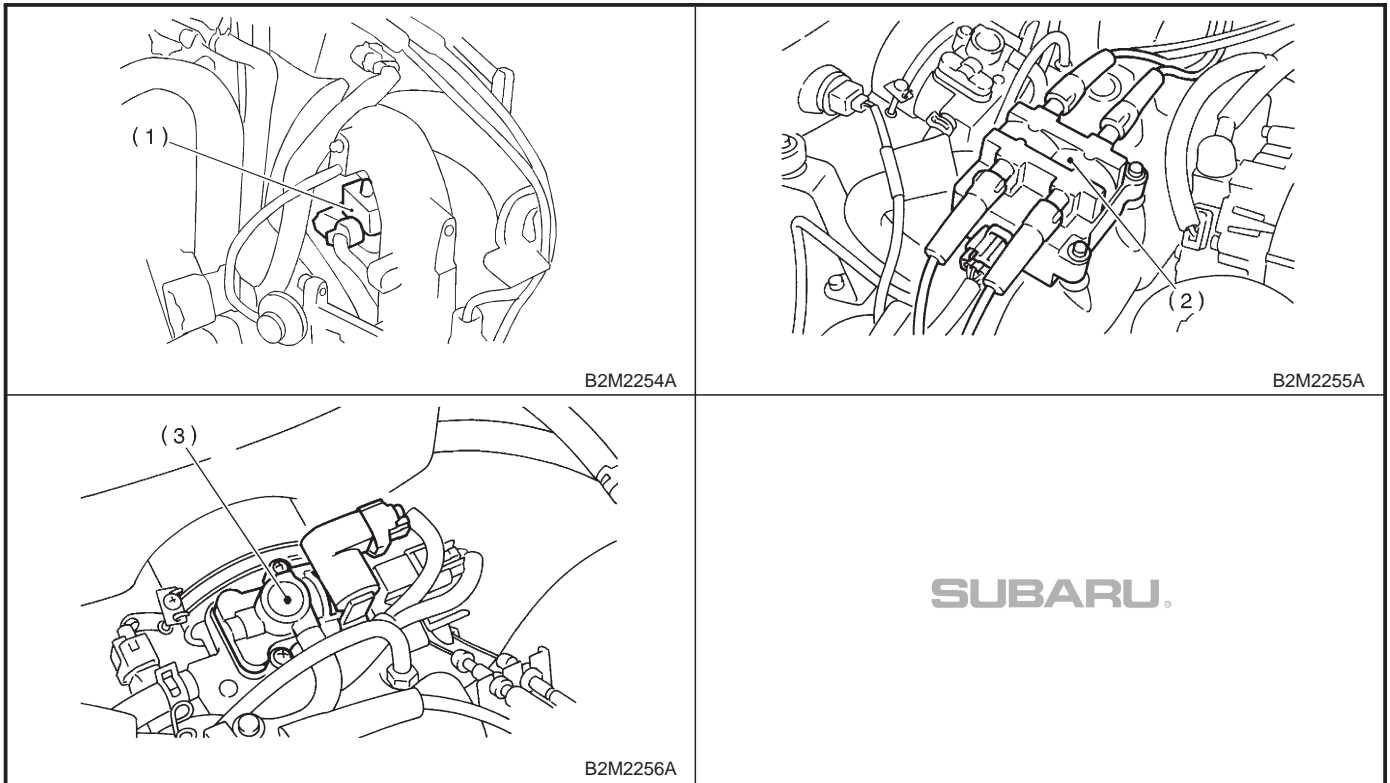
(2) Ignition coil & ignitor ASSY

(3) Idle air control solenoid valve

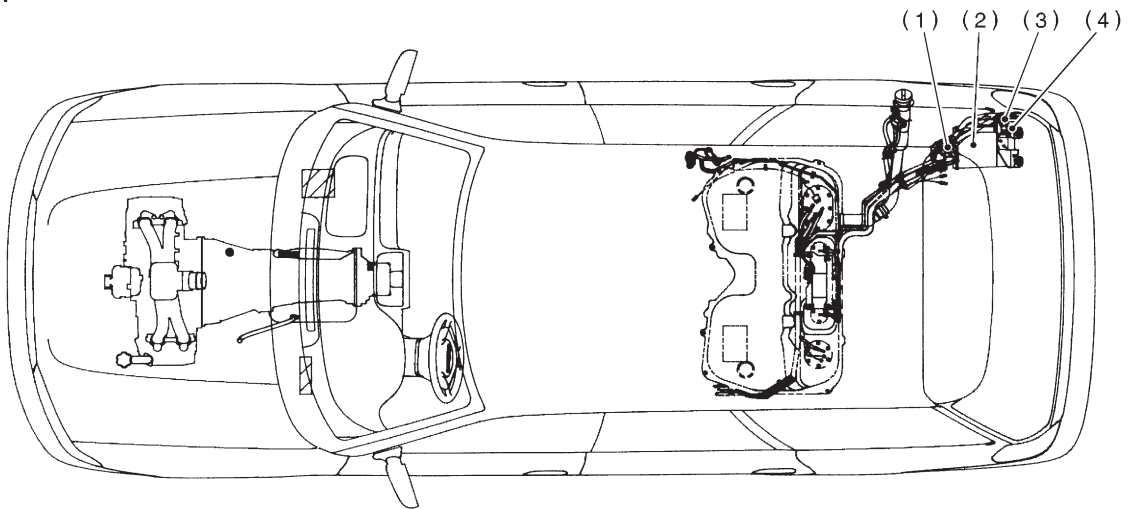
ON-BOARD DIAGNOSTICS II SYSTEM

[T2A3] 2-7

2. Electrical Components Location

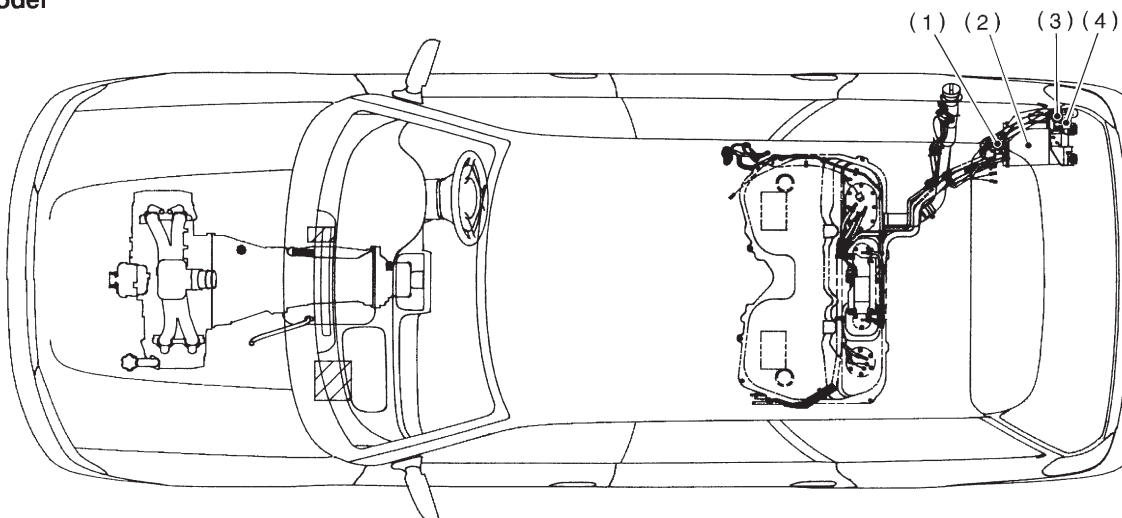


LHD model



B2M1730C

RHD model



B2M1733C

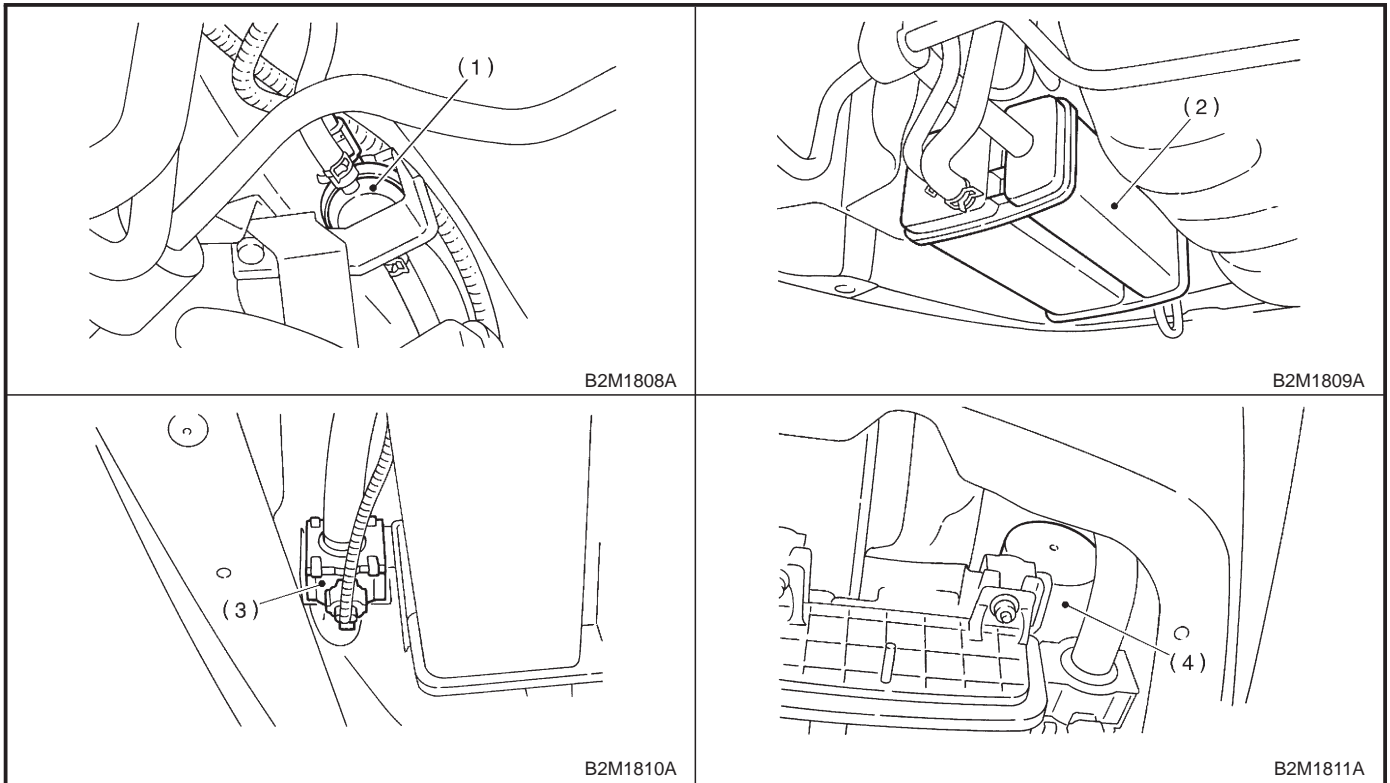
- (1) Pressure control solenoid valve
- (2) Canister

- (3) Drain valve
- (4) Air filter

ON-BOARD DIAGNOSTICS II SYSTEM

[T2A3] 2-7

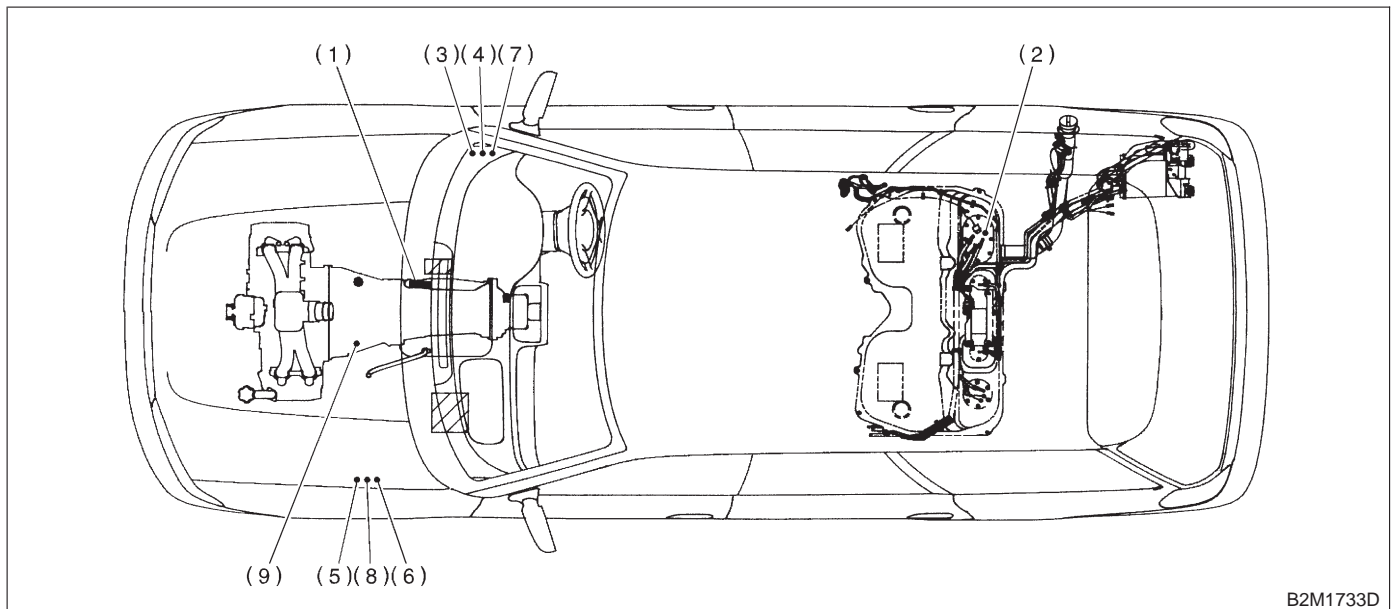
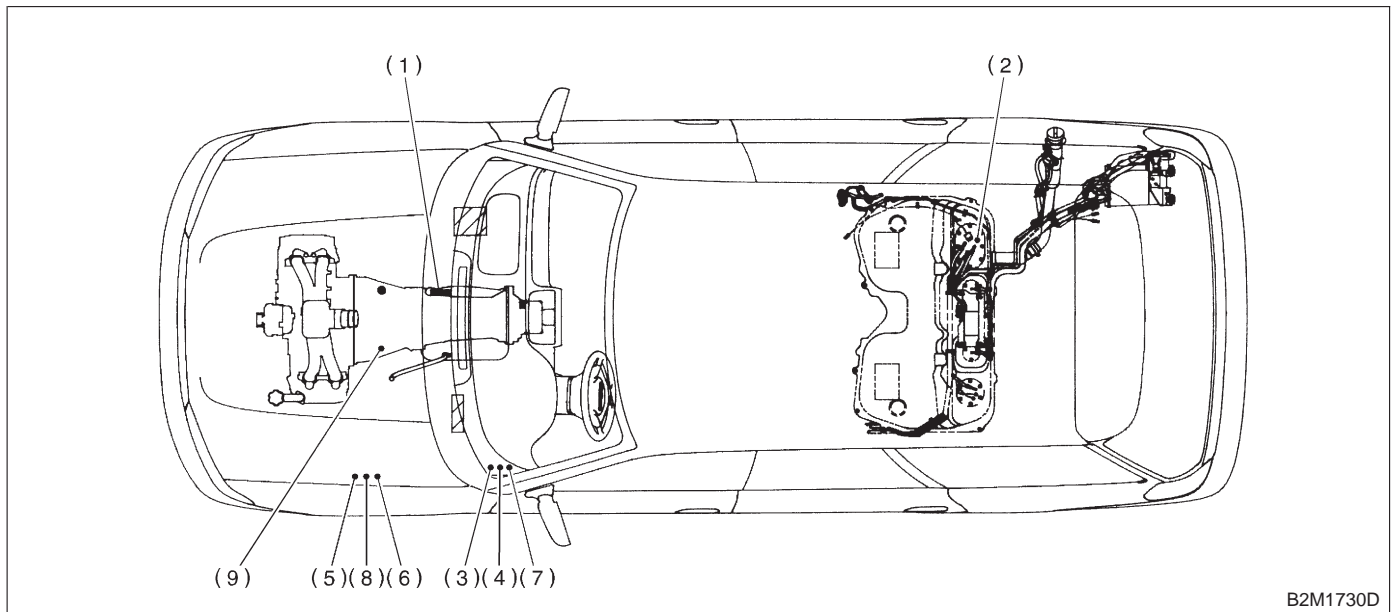
2. Electrical Components Location



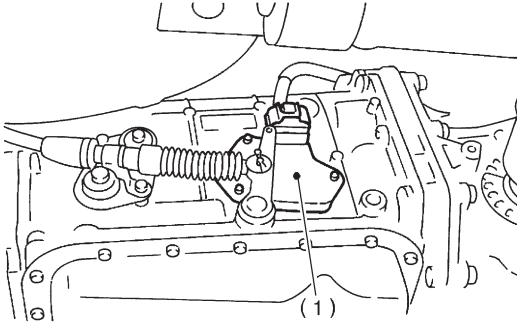
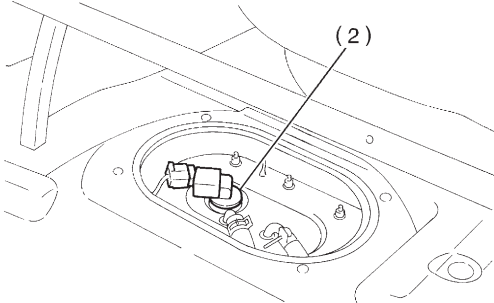
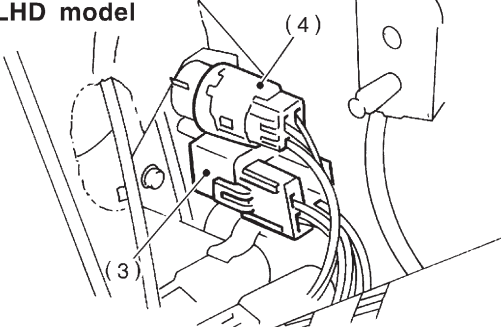
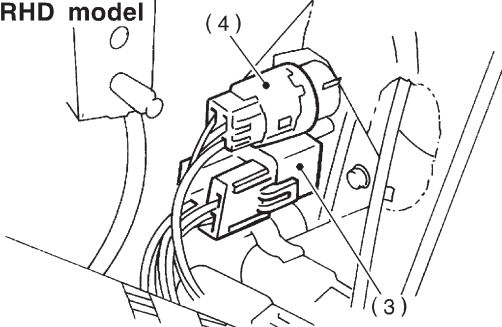
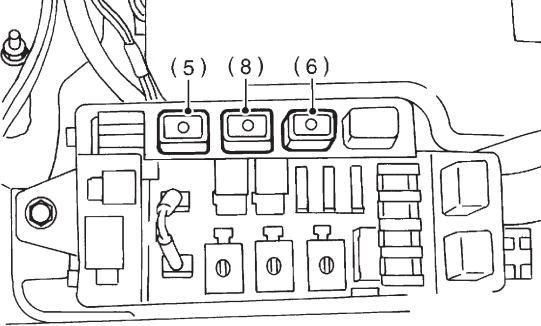
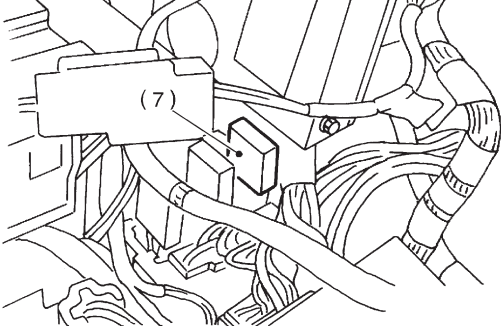
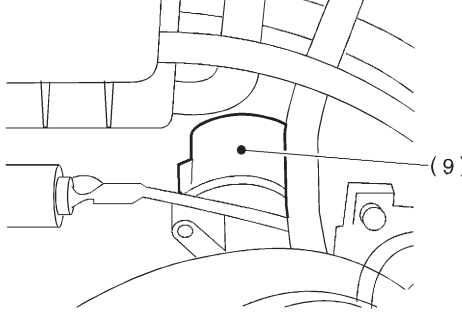
2-7 [T2A3]

ON-BOARD DIAGNOSTICS II SYSTEM

2. Electrical Components Location

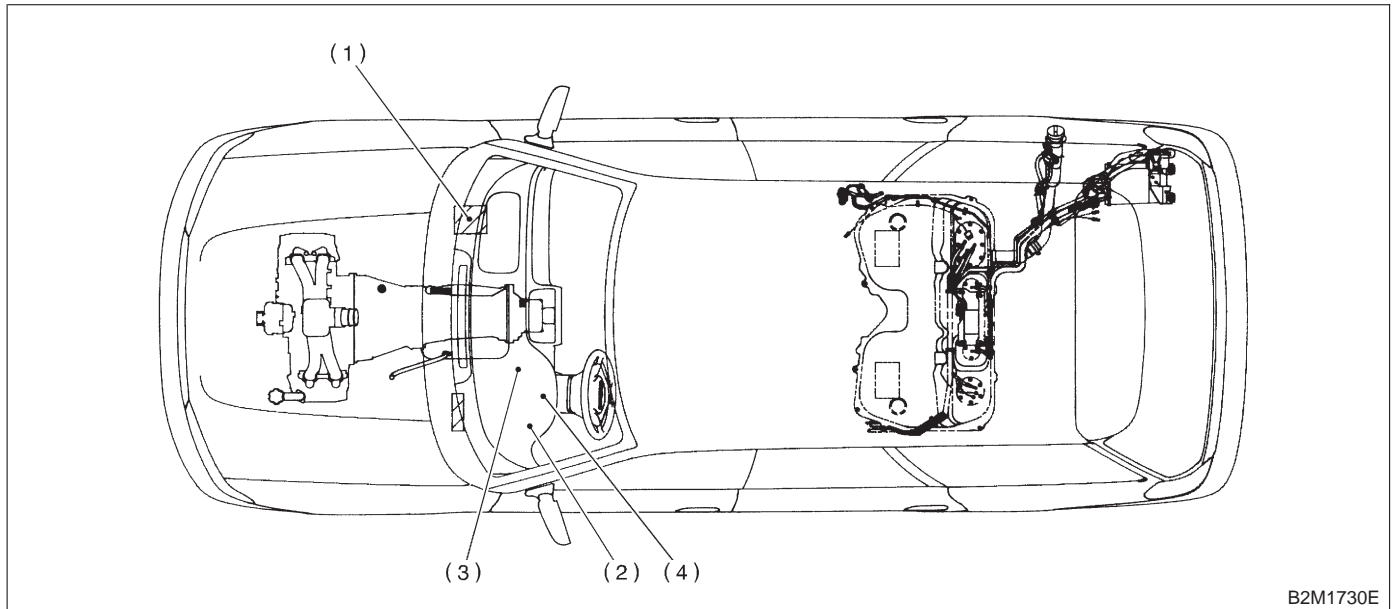


- | | | |
|--|--|---|
| (1) Inhibitor switch (AT vehicles only) | (6) Radiator main fan relay 2 (With A/C models only) | (8) Radiator sub fan relay 2 (With A/C models only) |
| (2) Fuel pump | (7) Radiator sub fan relay 1 (With A/C models) | (9) Starter |
| (3) Main relay | (4) Fuel pump relay | |
| (5) Radiator main fan relay 1 (With A/C models only) | (7) Main fan relay (Without A/C models) | |

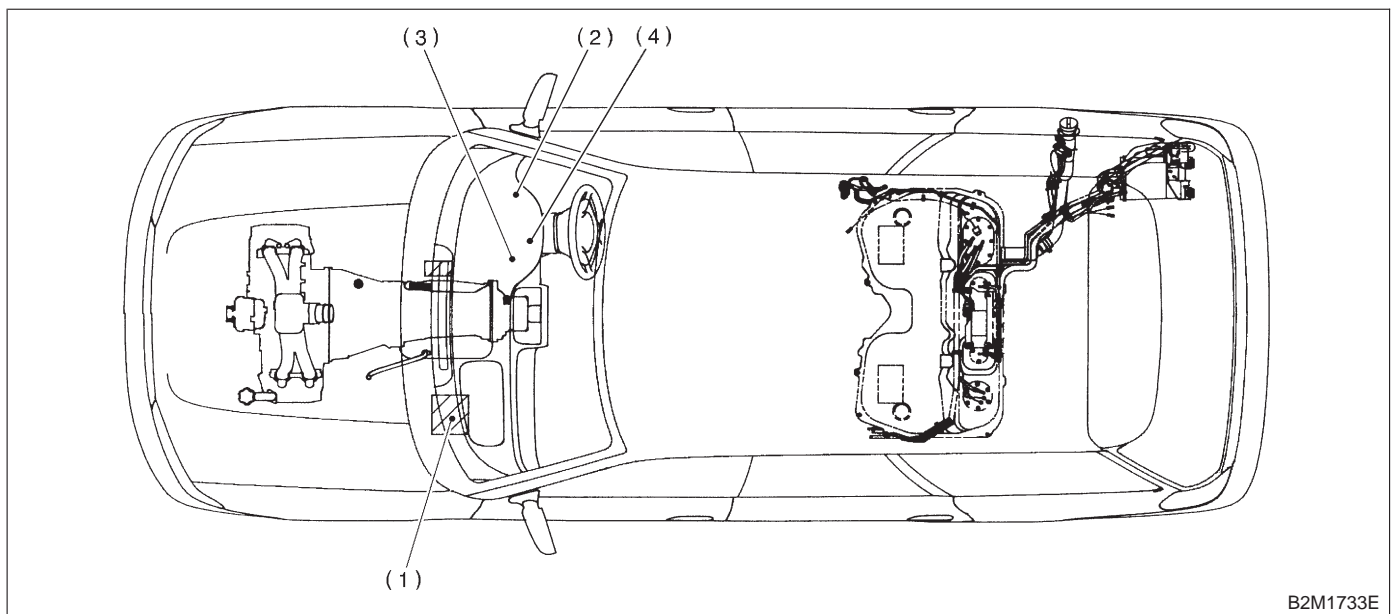
 <p>(1)</p>	 <p>(2)</p>
<p>LHD model</p>  <p>(3) (4)</p>	<p>RHD model</p>  <p>(3) (4)</p>
 <p>(5) (8) (6)</p>	 <p>(7)</p>
 <p>(9)</p>	<p>SUBARU.</p>

B: ENGINE (2200 cc EXCEPT CALIFORNIA SPEC. VEHICLES)

1. MODULE



B2M1730E



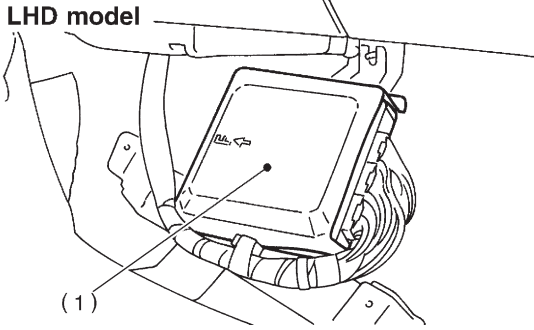
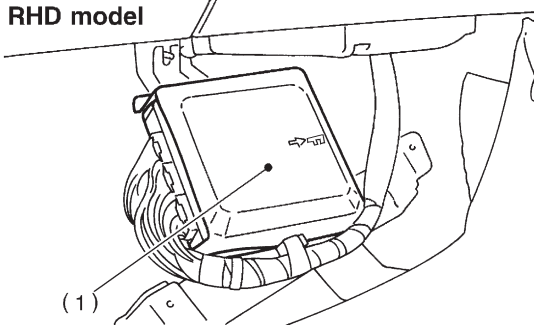
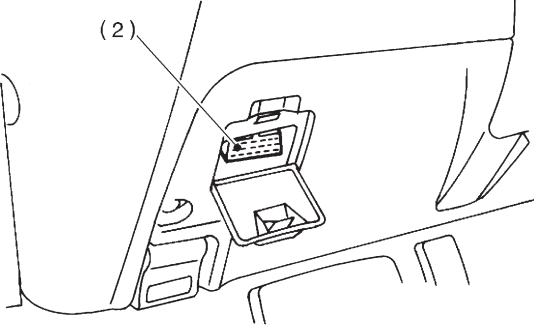
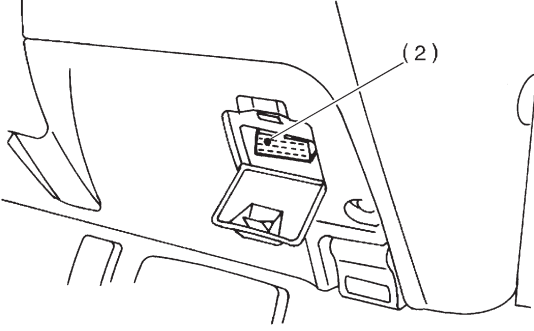
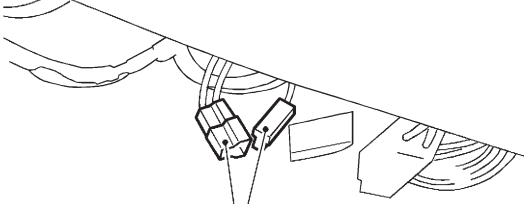
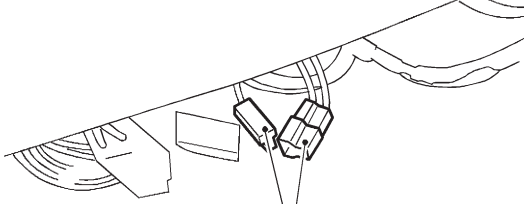
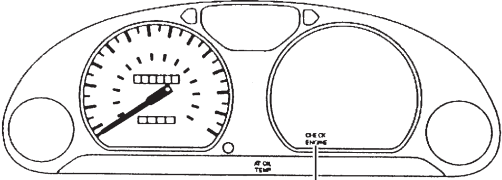

B2M1733E

- | | |
|--|---|
| (1) Engine control module (ECM) | (3) Test mode connector |
| (2) Data link connector (for Subaru Select Monitor and OBD-II general scan tool) | (4) CHECK ENGINE malfunction indicator lamp (MIL) |

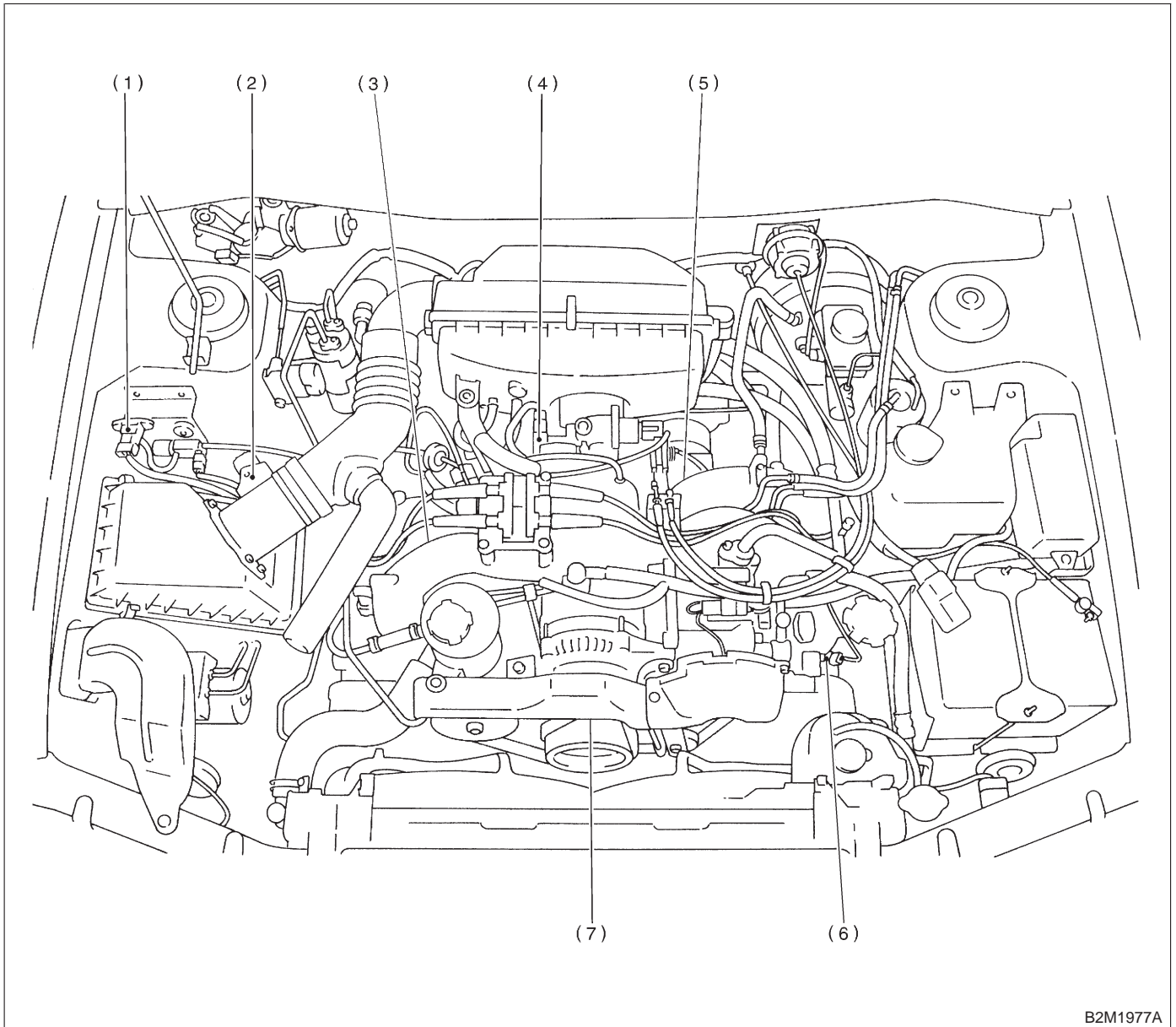
ON-BOARD DIAGNOSTICS II SYSTEM

[T2B1] 2-7

2. Electrical Components Location

<p>LHD model</p>  <p>(1)</p> <p>B2M2237B</p>	<p>RHD model</p>  <p>(1)</p> <p>B2M2248A</p>
<p>LHD model</p>  <p>(2)</p> <p>OBD0006L</p>	<p>RHD model</p>  <p>(2)</p> <p>B2M0433H</p>
<p>LHD model</p>  <p>(3)</p> <p>B2M2238B</p>	<p>RHD model</p>  <p>(3)</p> <p>B2M2249A</p>
 <p>(4)</p> <p>B2M0470G</p>	

2. SENSOR



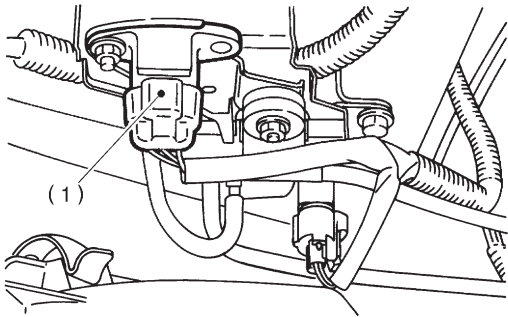
B2M1977A

- | | |
|---------------------------------------|--------------------------------|
| (1) Pressure sensor | (4) Throttle position sensor |
| (2) Mass air flow sensor | (5) Knock sensor |
| (3) Engine coolant temperature sensor | (6) Camshaft position sensor |
| | (7) Crankshaft position sensor |

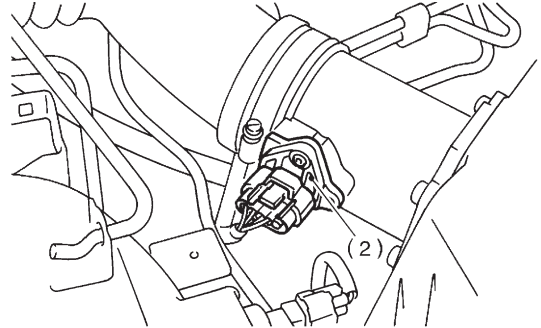
ON-BOARD DIAGNOSTICS II SYSTEM

[T2B2] 2-7

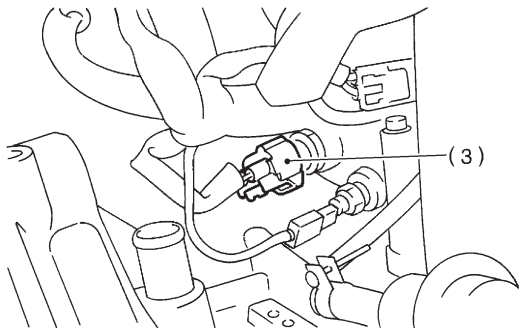
2. Electrical Components Location



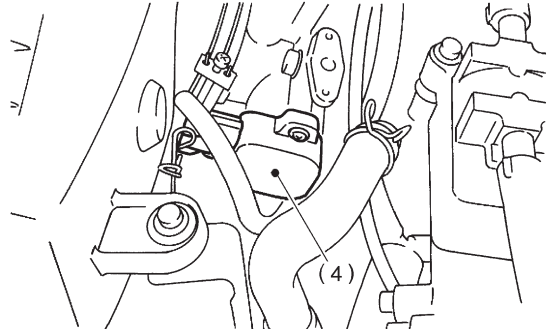
B2M0776B



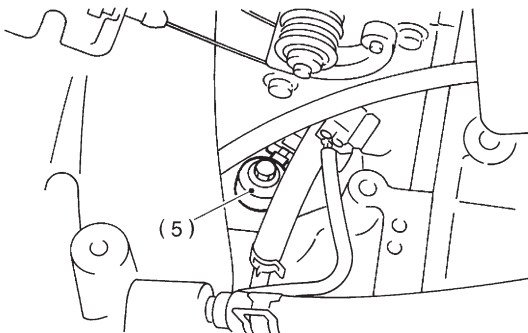
B2M2239A



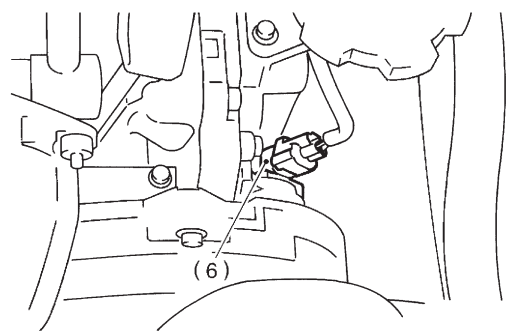
B2M1690B



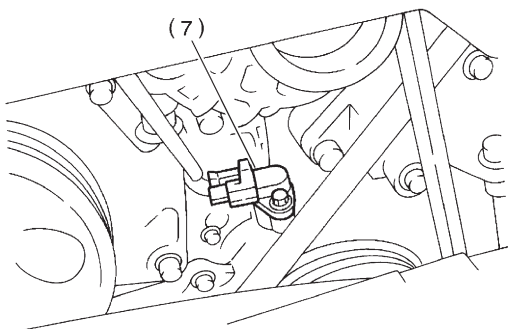
B2M2240A



B2M2241A



B2M2242A



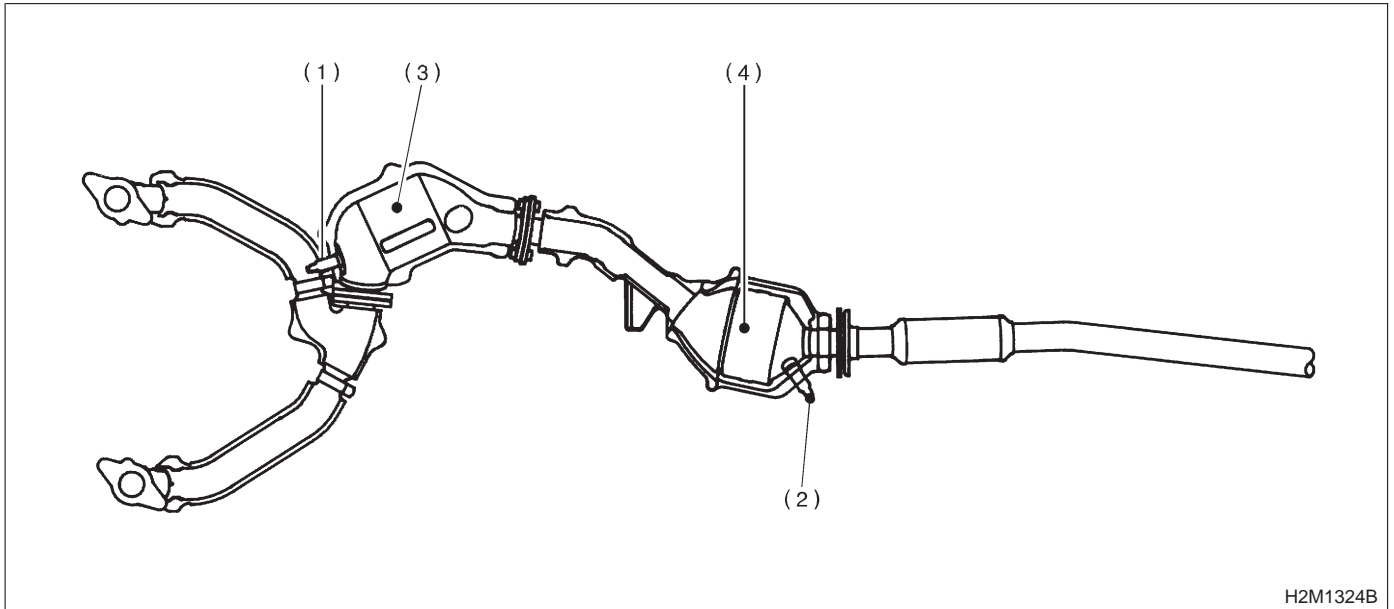
B2M0213J

SUBARU.

2-7 [T2B2]

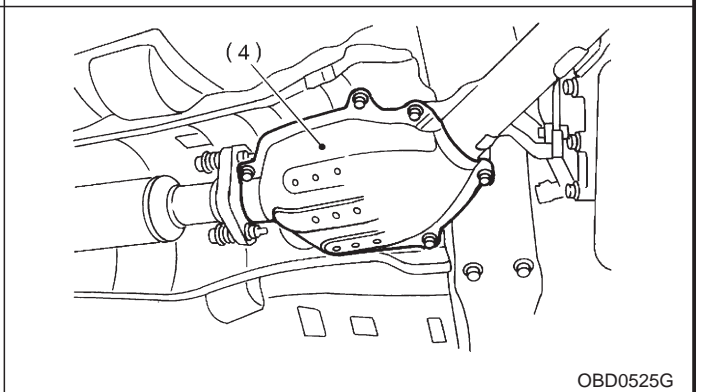
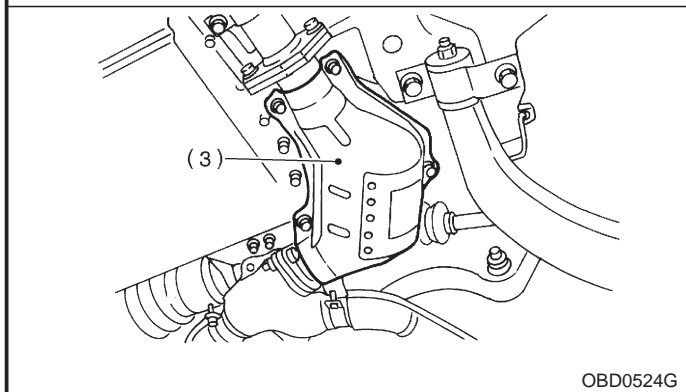
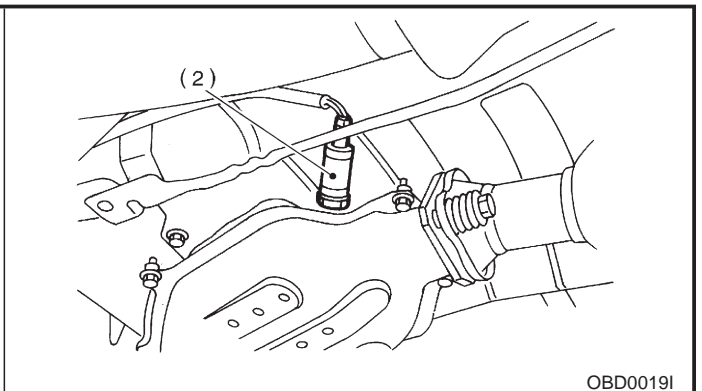
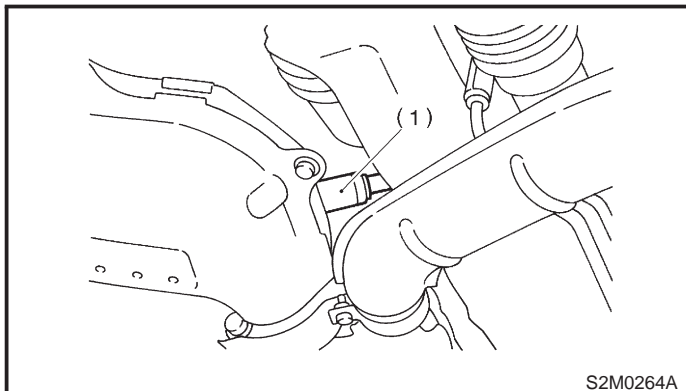
ON-BOARD DIAGNOSTICS II SYSTEM

2. Electrical Components Location

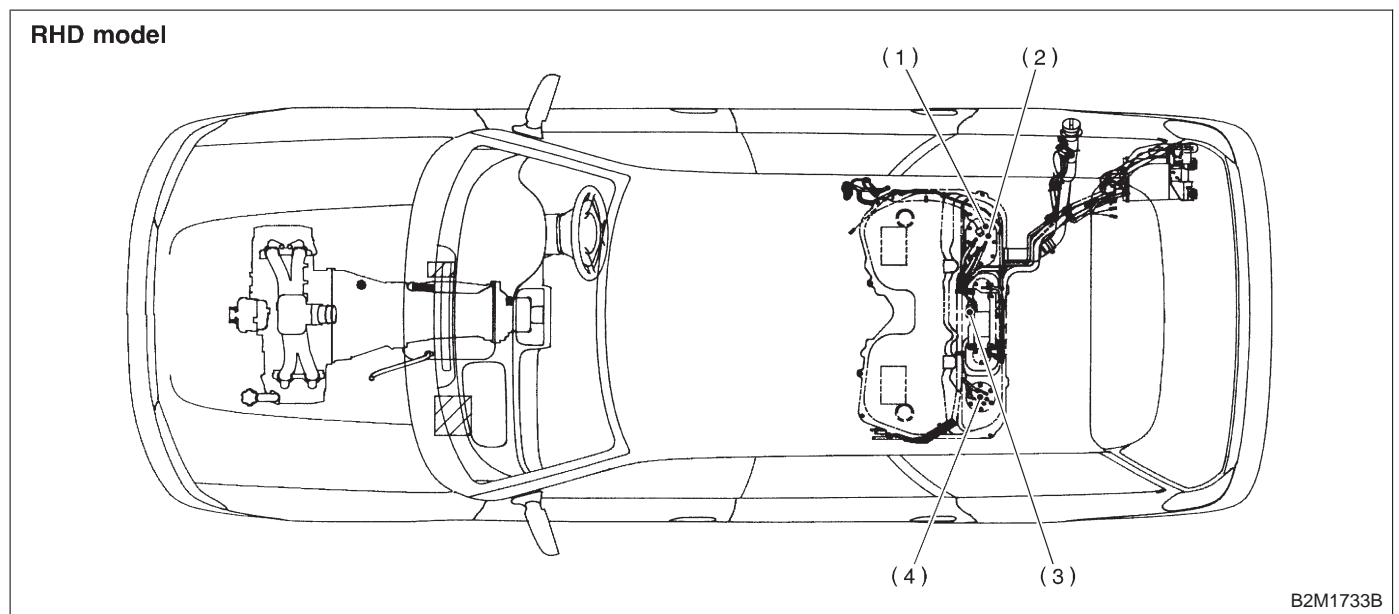
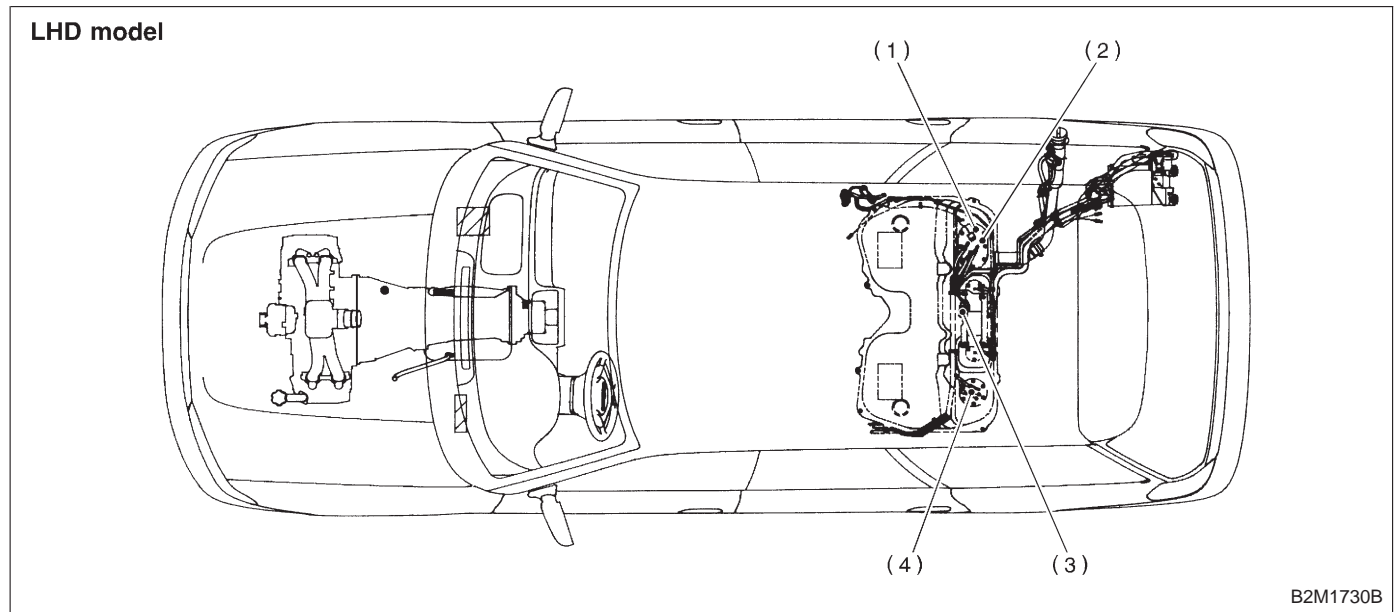


- (1) Front oxygen sensor
- (2) Rear oxygen sensor

- (3) Front catalytic converter
- (4) Rear catalytic converter



MEMO:



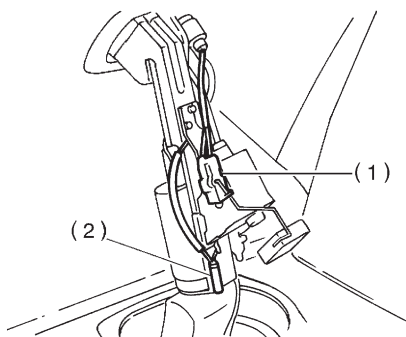
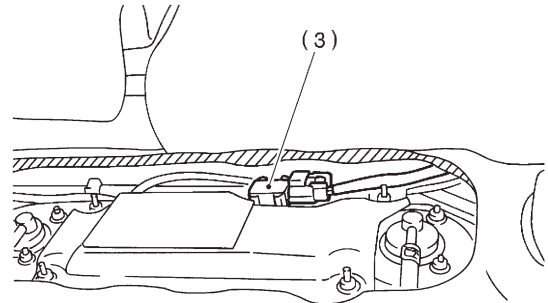
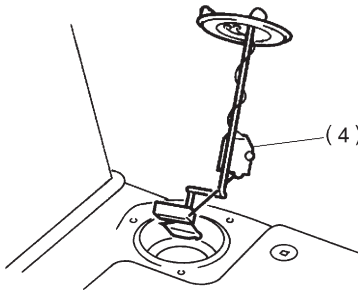
- (1) Fuel level sensor
- (2) Fuel temperature sensor

- (3) Fuel tank pressure sensor
- (4) Fuel sub level sensor

ON-BOARD DIAGNOSTICS II SYSTEM

[T2B2] 2-7

2. Electrical Components Location

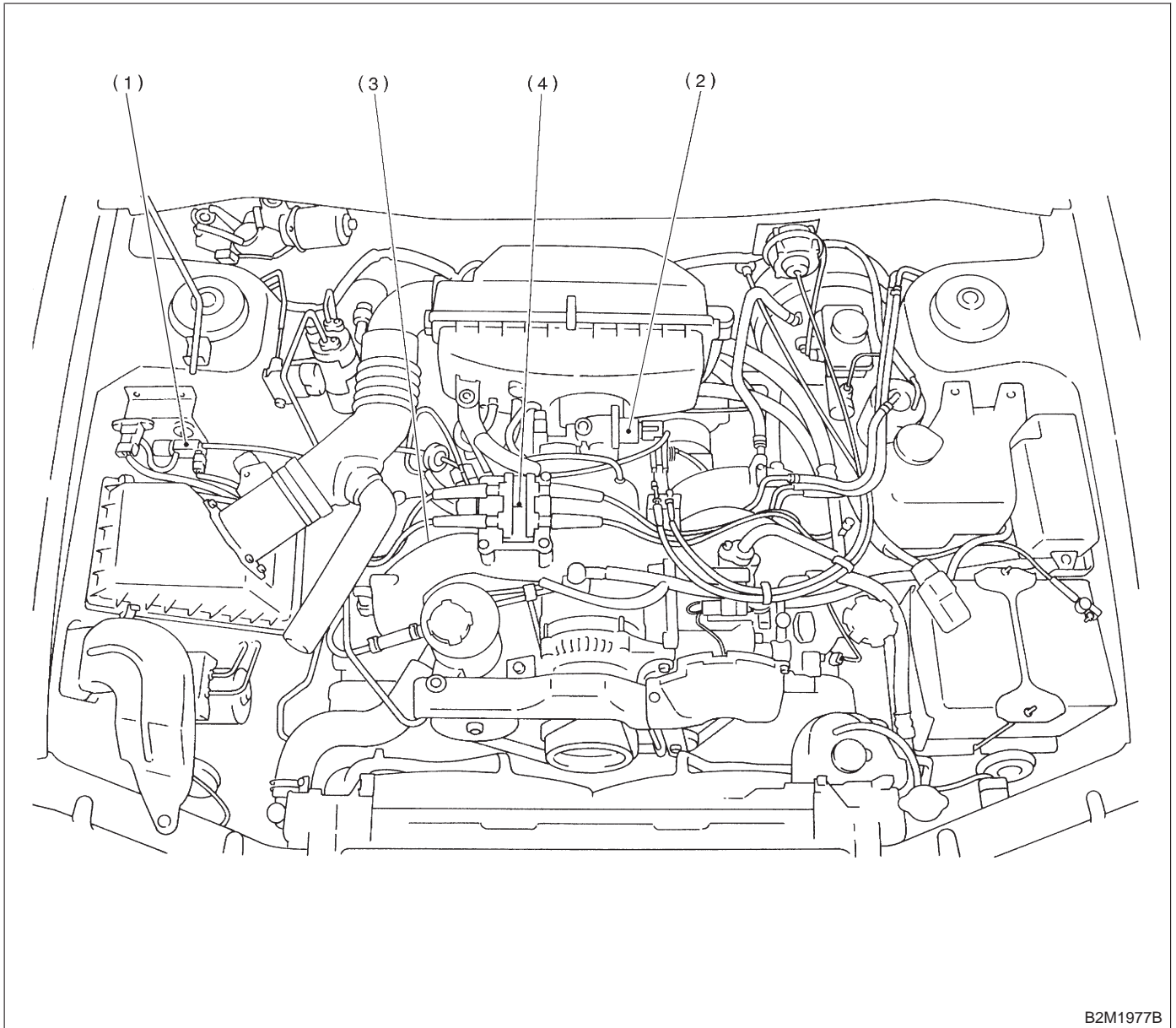
 <p>A line drawing showing the OBD-II port located under the dashboard. Callout (1) points to the port itself, and callout (2) points to the protective cover. The diagram shows the port's position relative to the driver's seat and the dashboard structure.</p>	 <p>A line drawing showing the battery located in the engine compartment. Callout (3) points to the battery. The diagram shows the battery's position relative to the engine and other components in the engine bay.</p>
 <p>A line drawing showing the fuse box located under the dashboard. Callout (4) points to the fuse box. The diagram shows the fuse box's position relative to the dashboard and the OBD-II port.</p>	<p style="text-align: center;">SUBARU.</p>

B2M0921B

B2M1807A

B2M0946B

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



B2M1977B

(1) Pressure sources switching solenoid valve

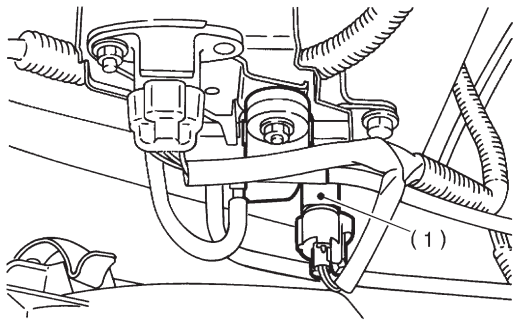
(2) Idle air control solenoid valve
(3) Purge control solenoid valve

(4) Ignition coil & ignitor ASSY

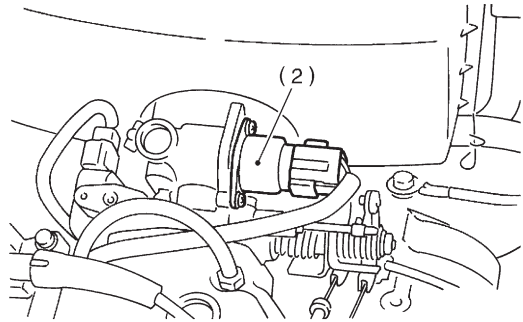
ON-BOARD DIAGNOSTICS II SYSTEM

[T2B3] 2-7

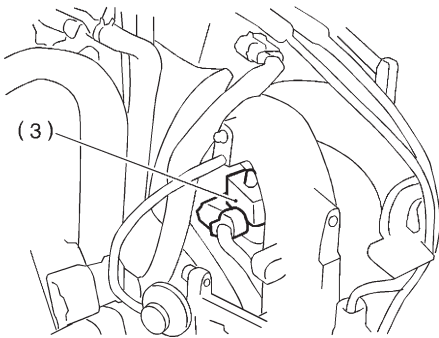
2. Electrical Components Location



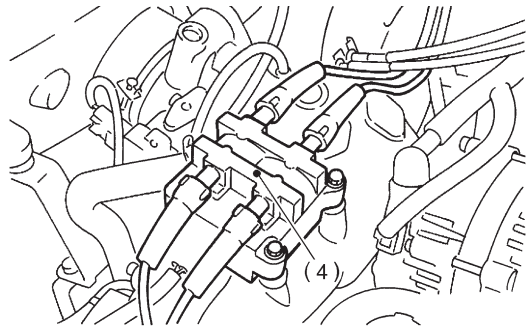
B2M0777B



B2M2243A

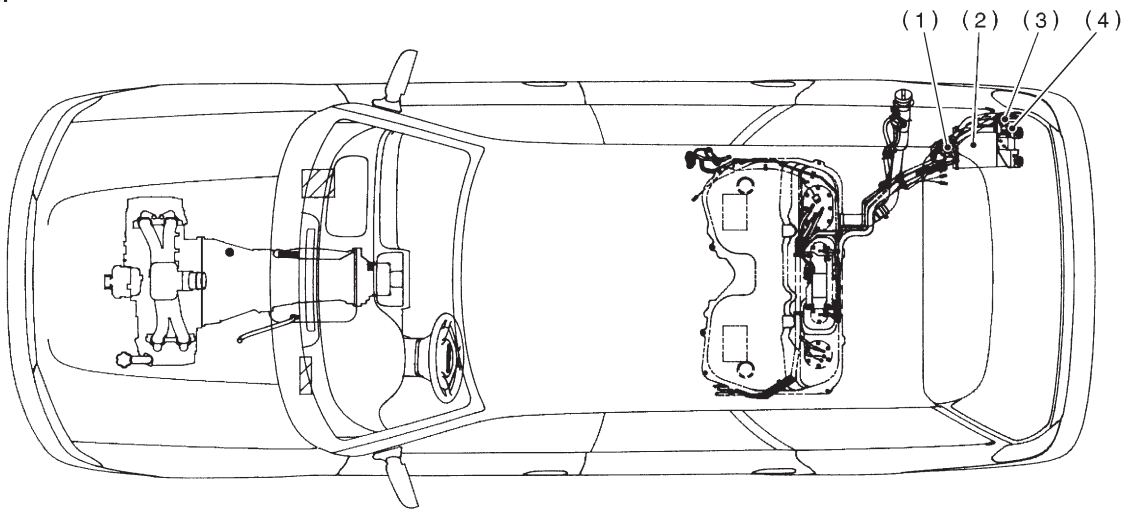


B2M2254B



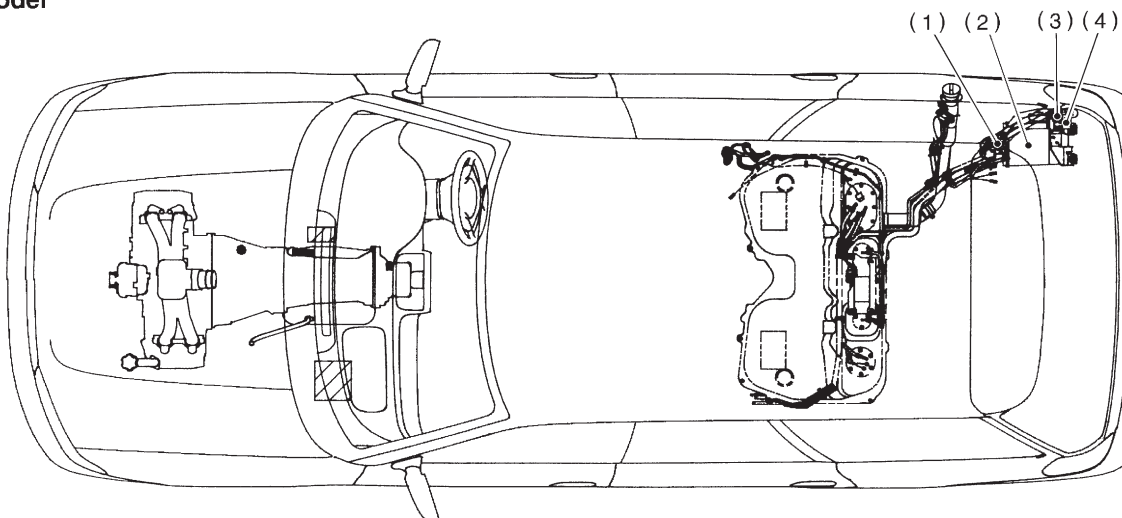
B2M2245A

LHD model



B2M1730C

RHD model



B2M1733C

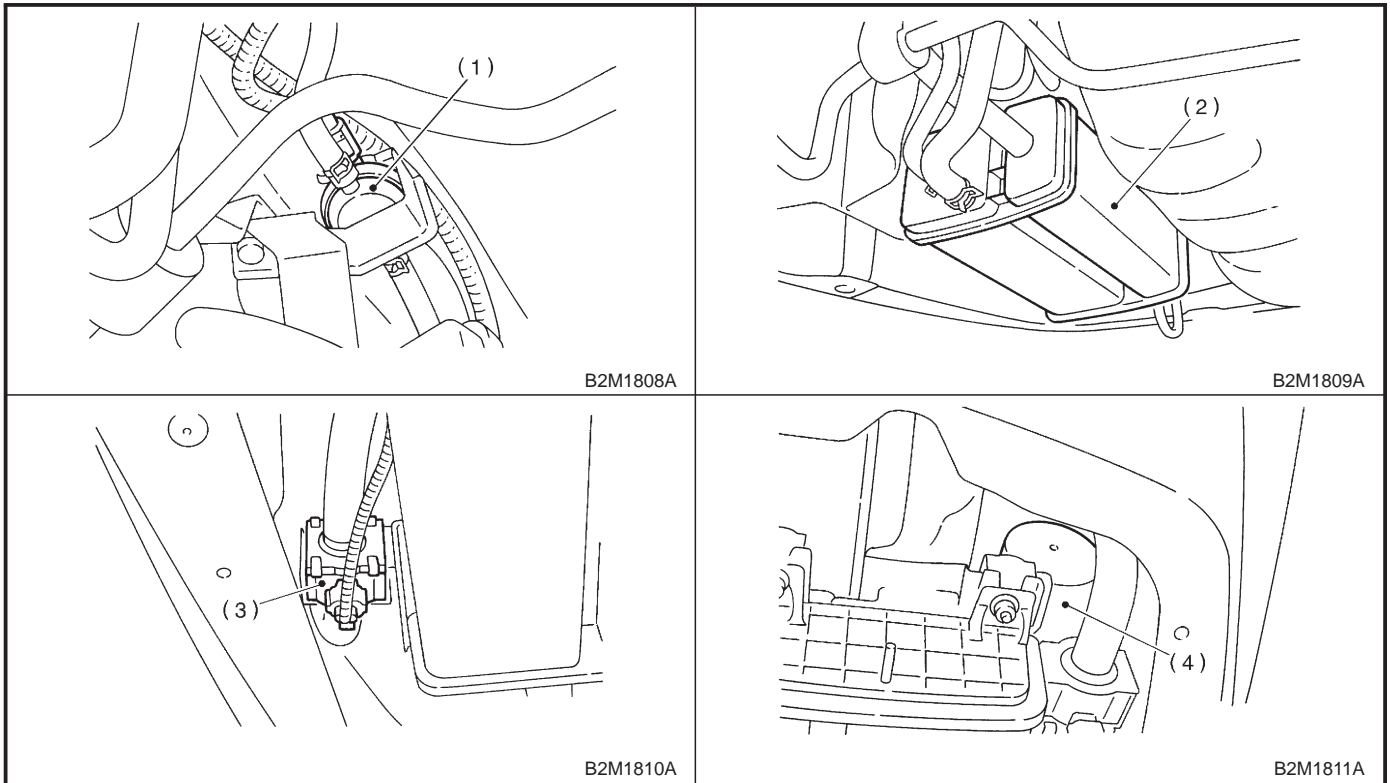
- (1) Pressure control solenoid valve
- (2) Canister

- (3) Drain valve
- (4) Air filter

ON-BOARD DIAGNOSTICS II SYSTEM

[T2B3] 2-7

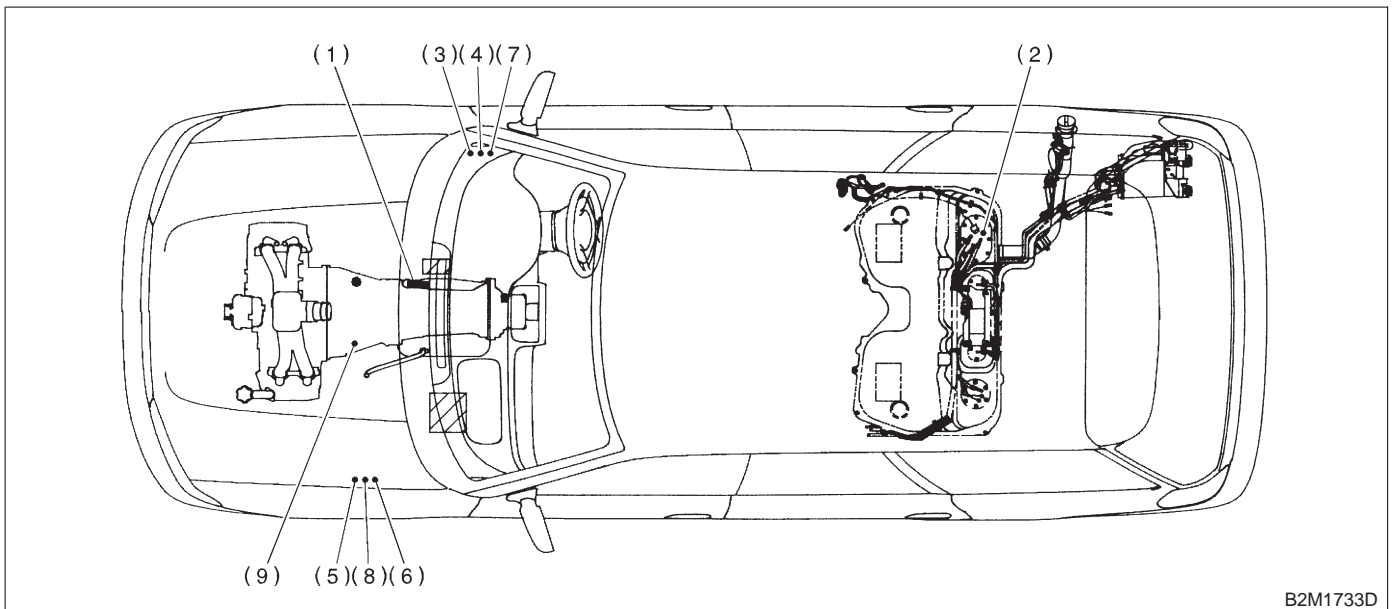
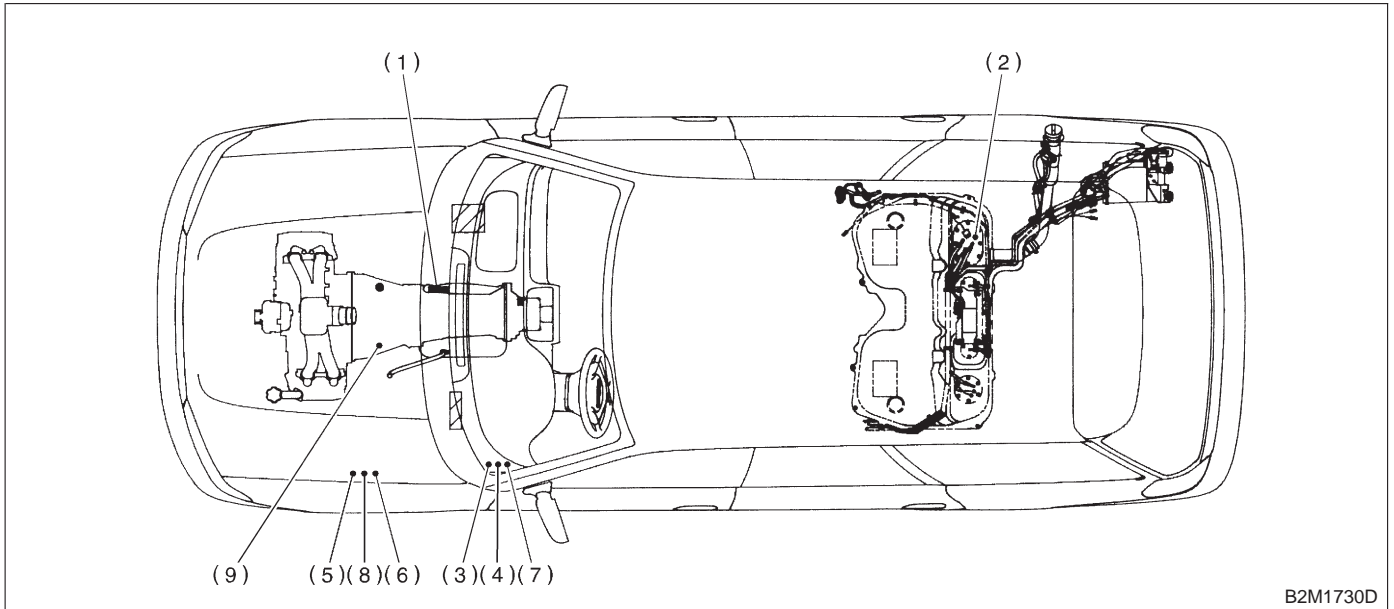
2. Electrical Components Location



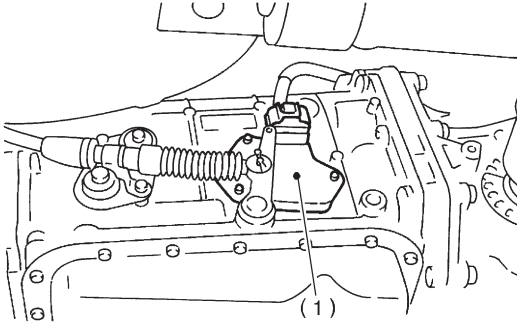
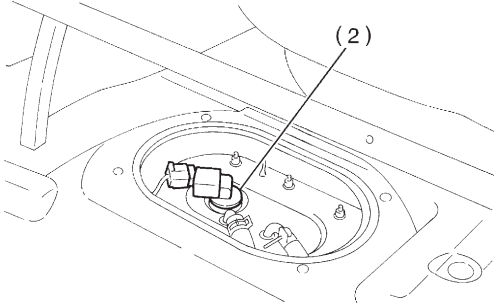
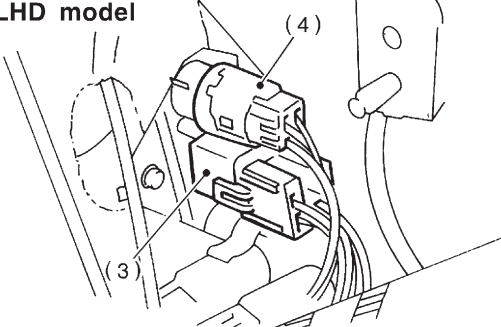
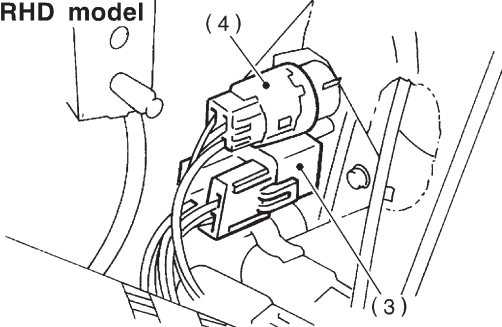
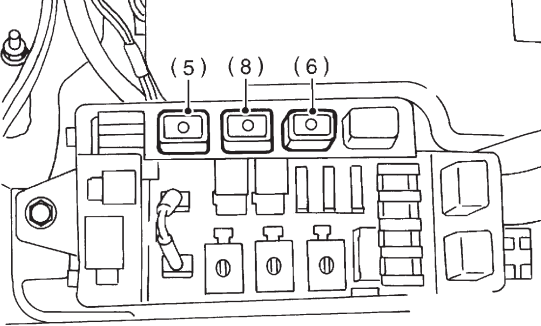
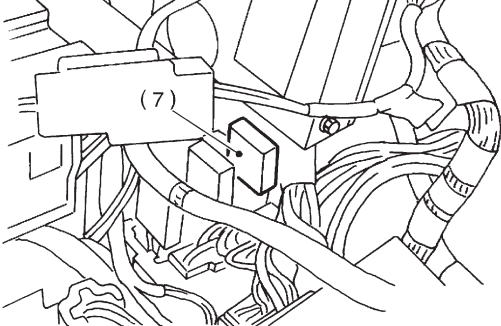
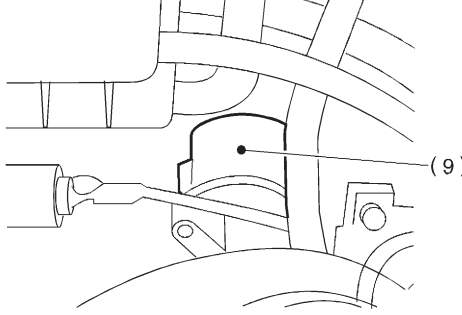
2-7 [T2B3]

ON-BOARD DIAGNOSTICS II SYSTEM

2. Electrical Components Location

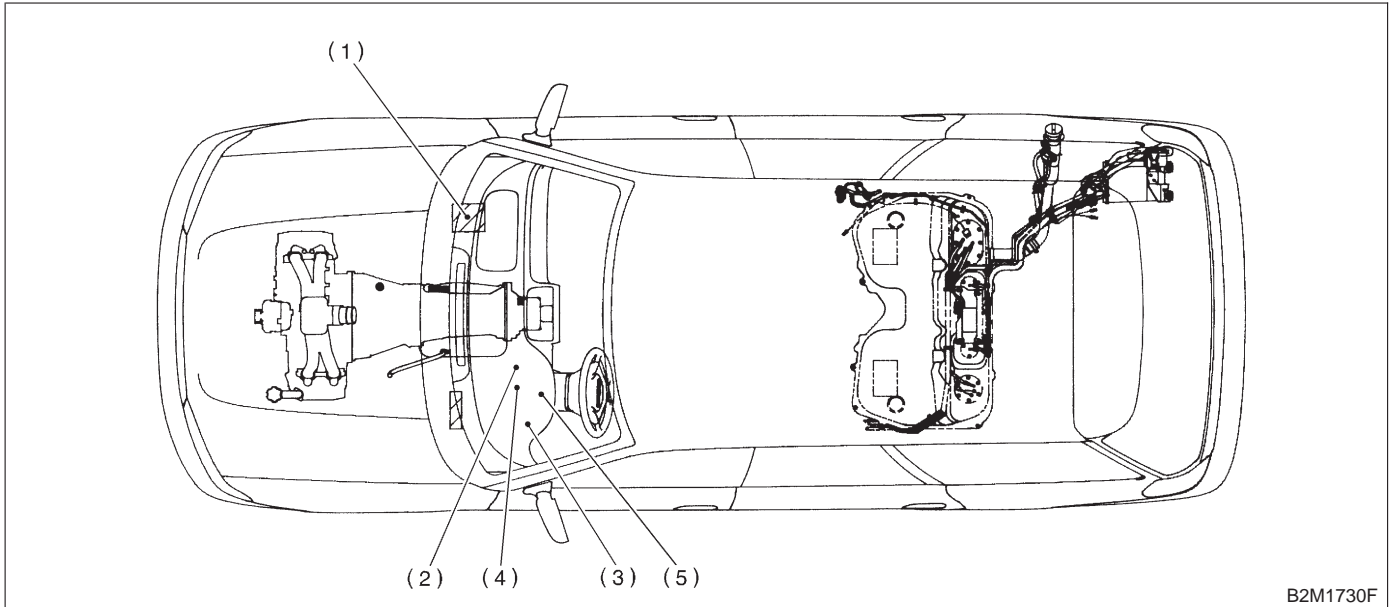


- | | | |
|--|--|---|
| (1) Inhibitor switch (AT vehicles only) | (6) Radiator main fan relay 2 (With A/C models only) | (8) Radiator sub fan relay 2 (With A/C models only) |
| (2) Fuel pump | (7) Radiator sub fan relay 1 (With A/C models) | (9) Starter |
| (3) Main relay | (4) Fuel pump relay | |
| (5) Radiator main fan relay 1 (With A/C models only) | (3) Main relay | |
| | (4) Fuel pump relay | |
| | (5) Radiator main fan relay 1 (With A/C models only) | |
| | (6) Radiator main fan relay 2 (With A/C models only) | |
| | (7) Radiator sub fan relay 1 (With A/C models) | |
| | (8) Radiator sub fan relay 2 (With A/C models only) | |
| | (9) Starter | |

 <p>(1)</p>	 <p>(2)</p>
<p>LHD model</p>  <p>(3) (4)</p>	<p>RHD model</p>  <p>(3) (4)</p>
 <p>(5) (8) (6)</p>	 <p>(7)</p>
 <p>(9)</p>	<p>SUBARU.</p>

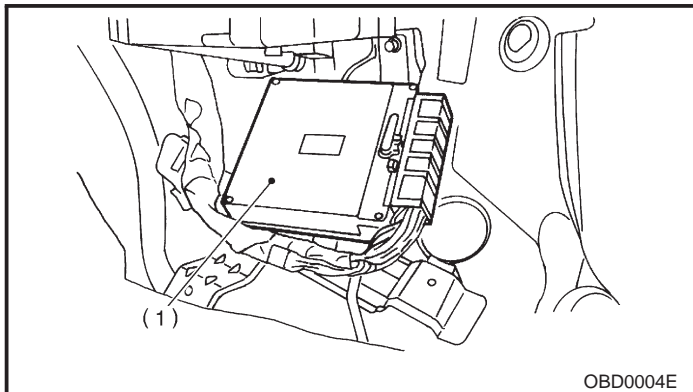
C: ENGINE (2500 cc MODEL)

1. MODULE

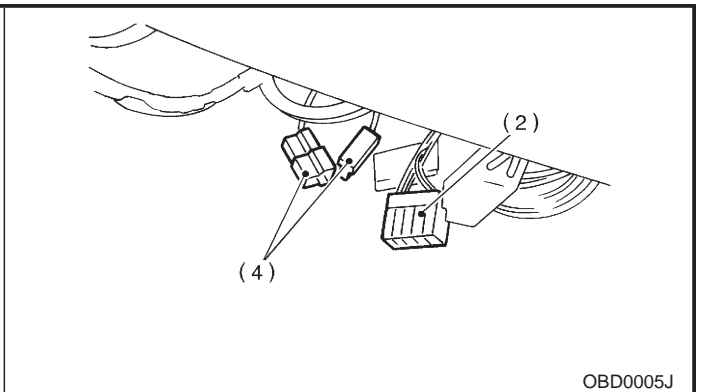


B2M1730F

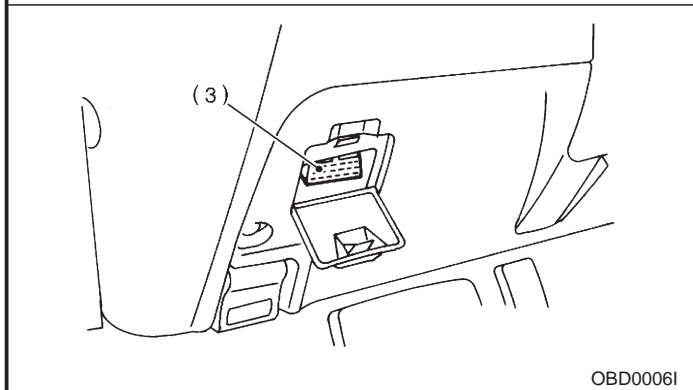
- | | | |
|--|--|---|
| (1) Engine control module (ECM) | (3) Data link connector (for Subaru select monitor and OBD-II general scan tool) | (4) Test mode connector |
| (2) Data link connector (for Subaru select monitor only) | | (5) CHECK ENGINE malfunction indicator lamp (MIL) |



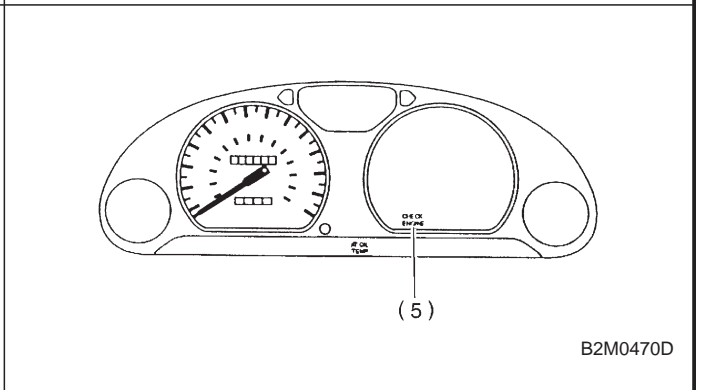
OBD0004E



OBD0005J



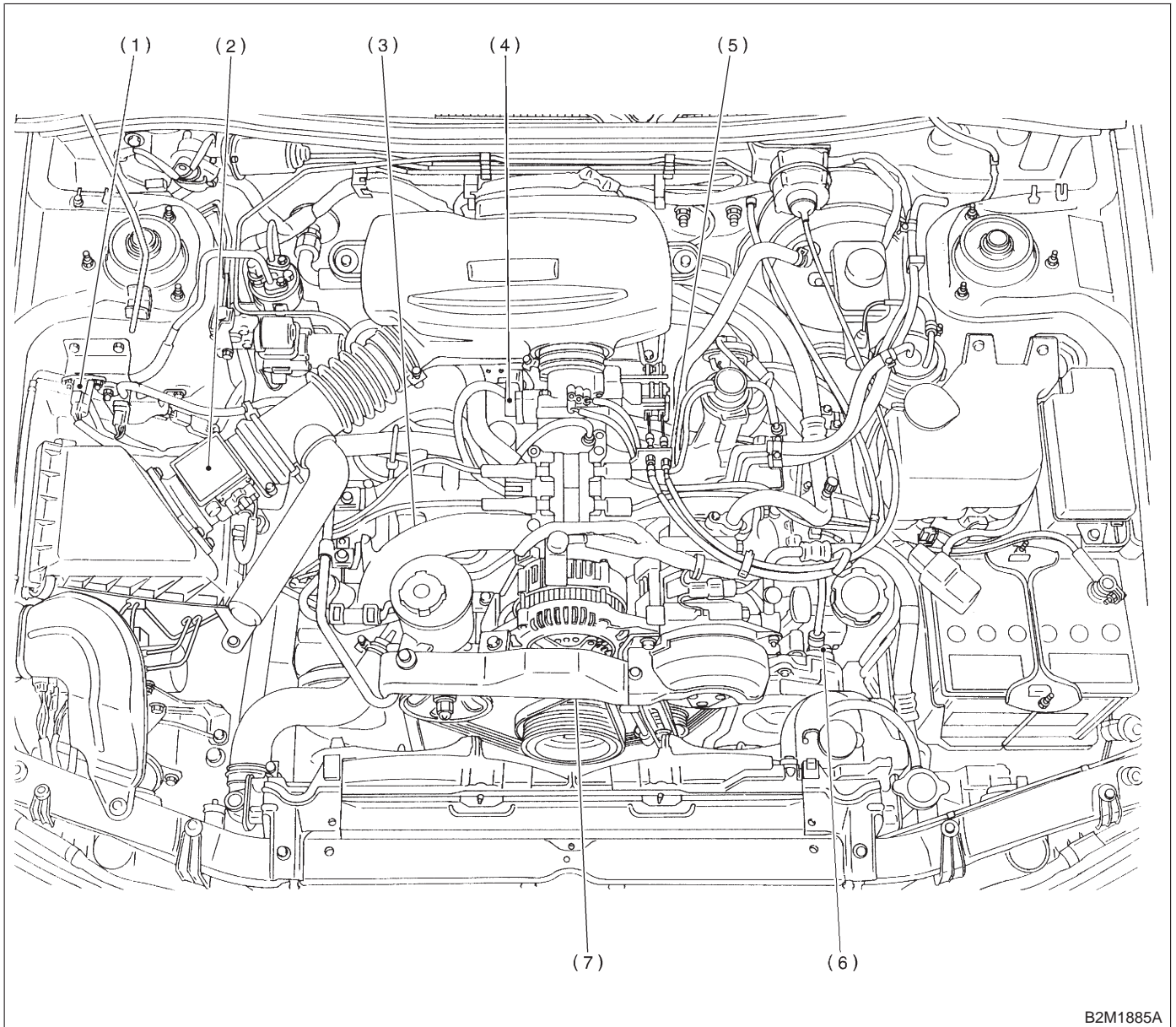
OBD0006I



B2M0470D

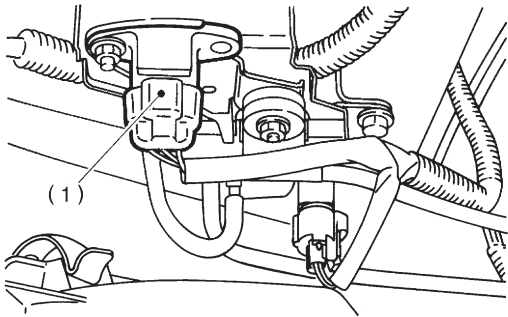
MEMO:

2. SENSOR

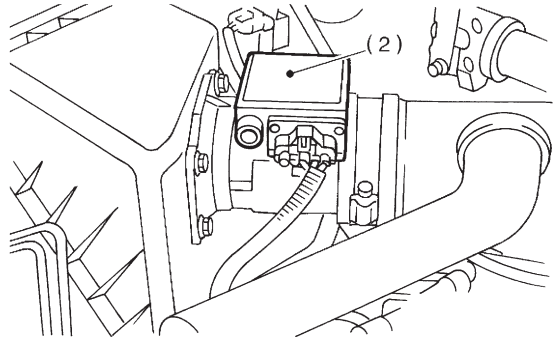


B2M1885A

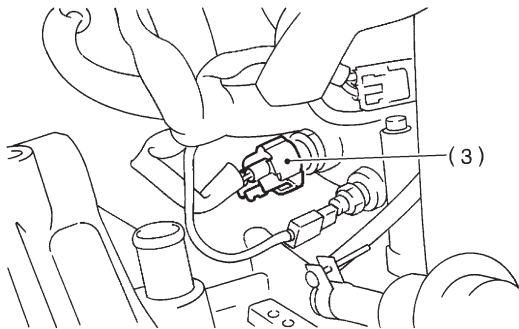
- | | |
|---------------------------------------|--------------------------------|
| (1) Pressure sensor | (4) Throttle position sensor |
| (2) Mass air flow sensor | (5) Knock sensor |
| (3) Engine coolant temperature sensor | (6) Camshaft position sensor |
| | (7) Crankshaft position sensor |



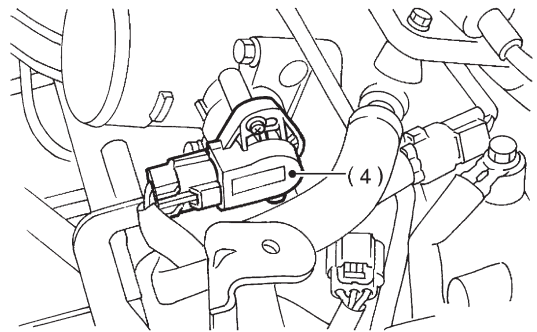
B2M0776B



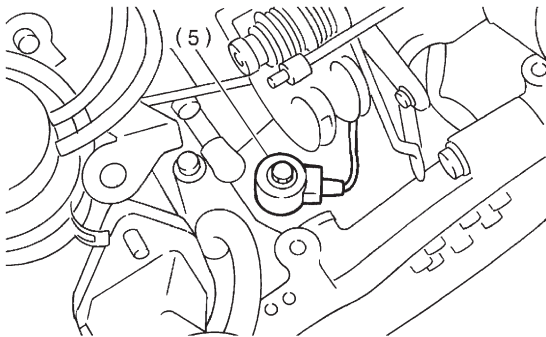
B2M1034C



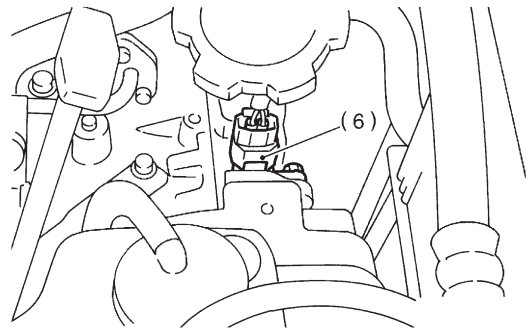
B2M1690B



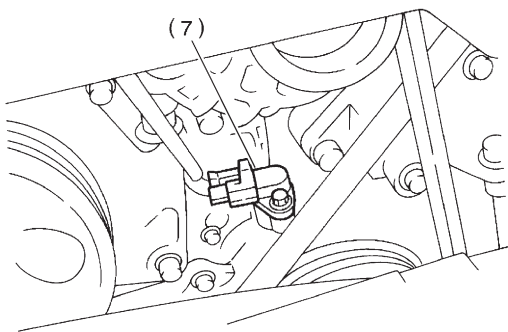
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B2M1691B



S2M0263A



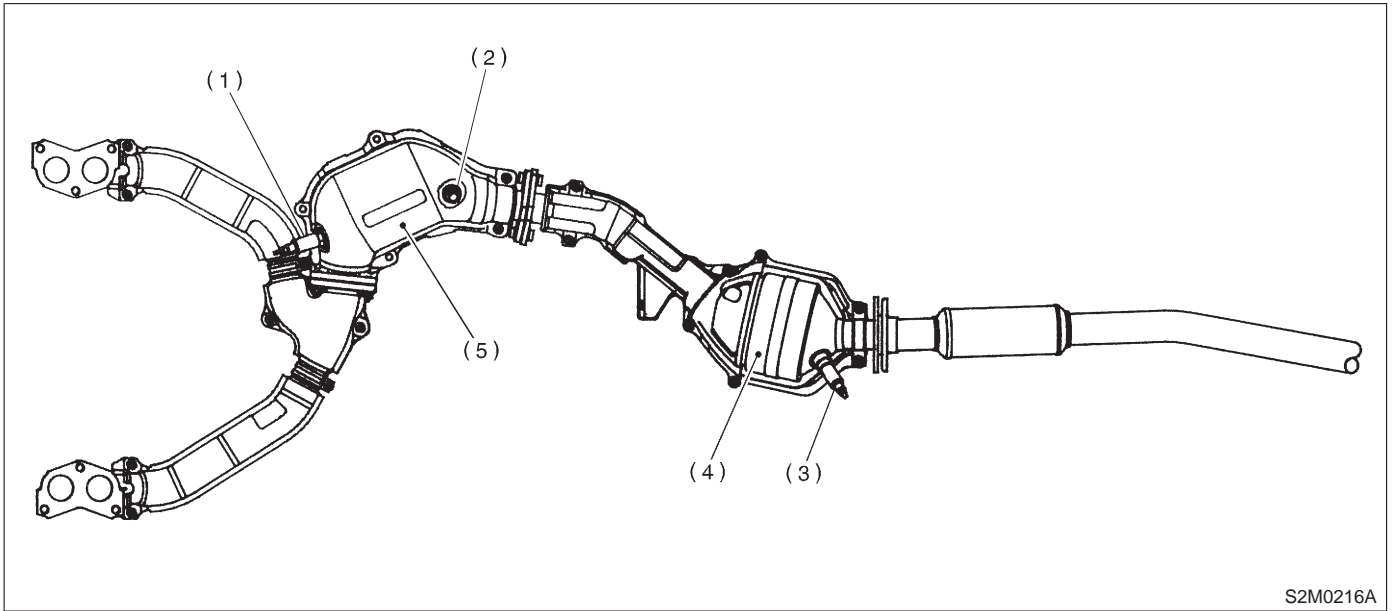
B2M0213J

SUBARU.

2-7 [T2C2]

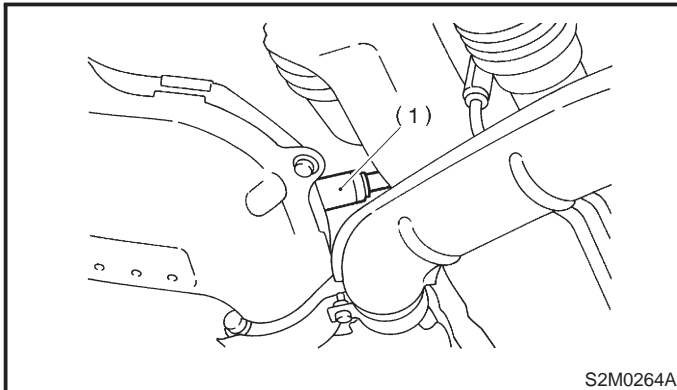
ON-BOARD DIAGNOSTICS II SYSTEM

2. Electrical Components Location

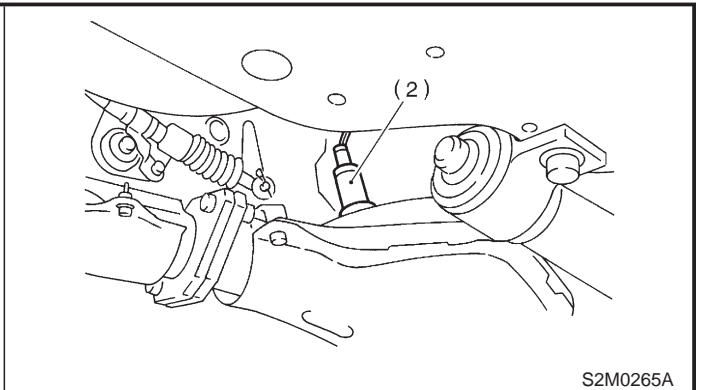


S2M0216A

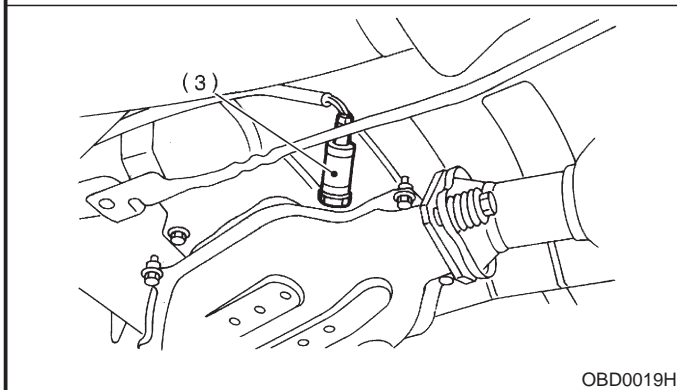
- | | | |
|--|---|-------------------------------|
| (1) Front oxygen sensor | (3) Rear oxygen sensor (Except California spec. vehicles) | (5) Front catalytic converter |
| (2) Rear oxygen sensor (California spec. vehicles) | (4) Rear catalytic converter | |



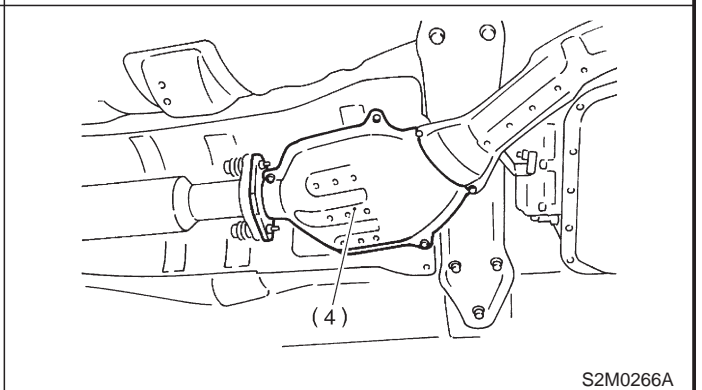
S2M0264A



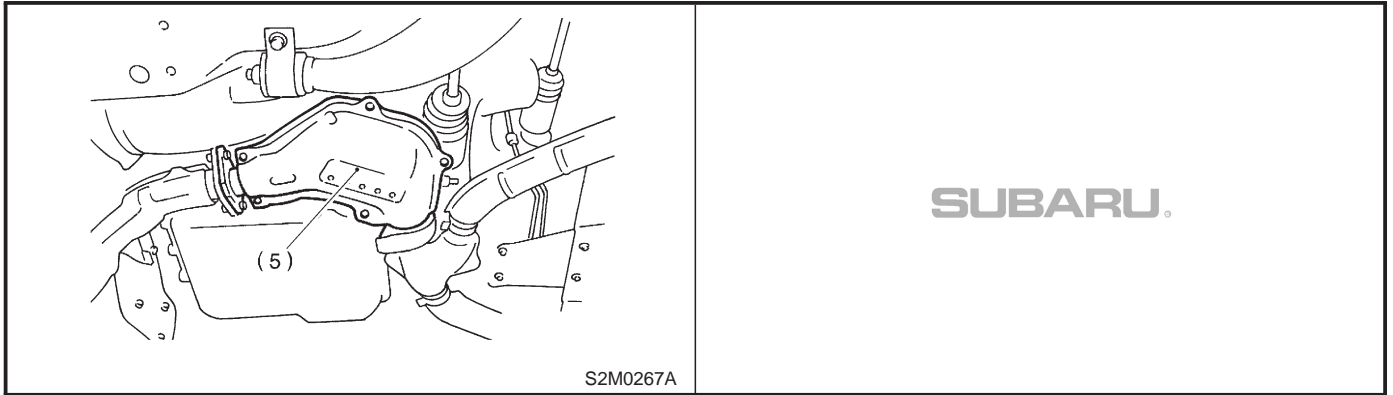
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OBD0019H



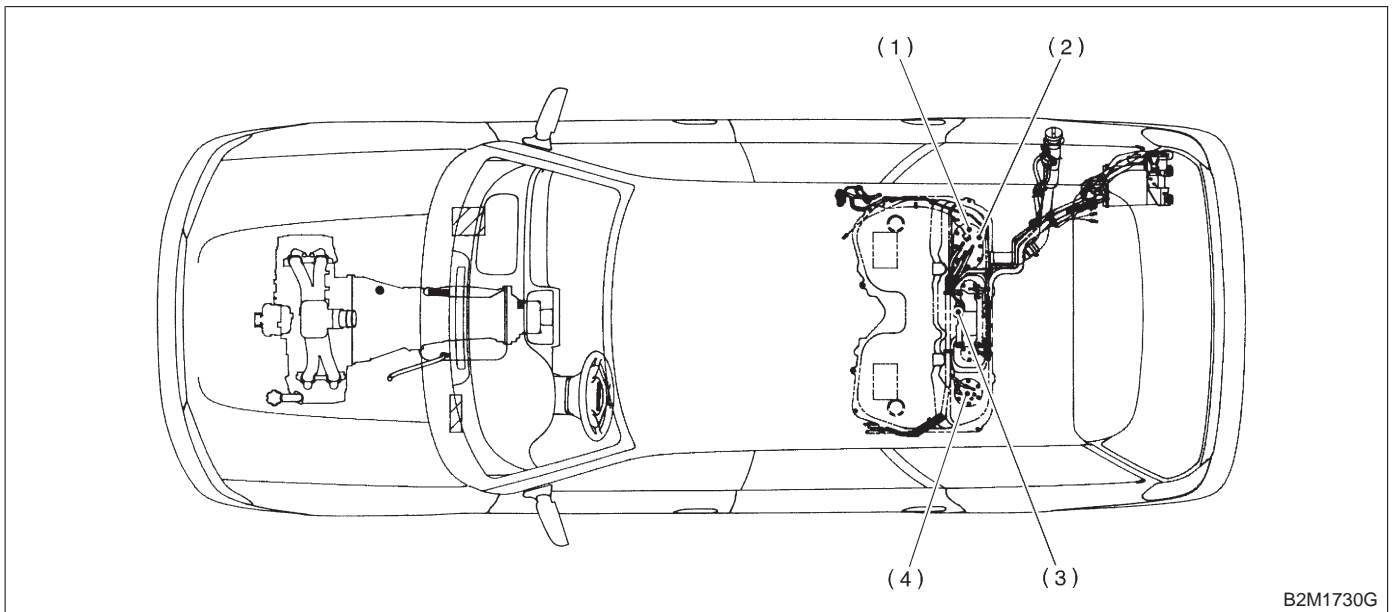
S2M0266A



2-7 [T2C2]

ON-BOARD DIAGNOSTICS II SYSTEM

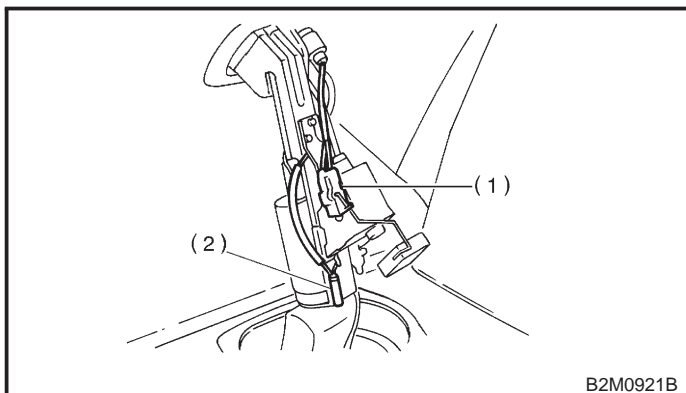
2. Electrical Components Location



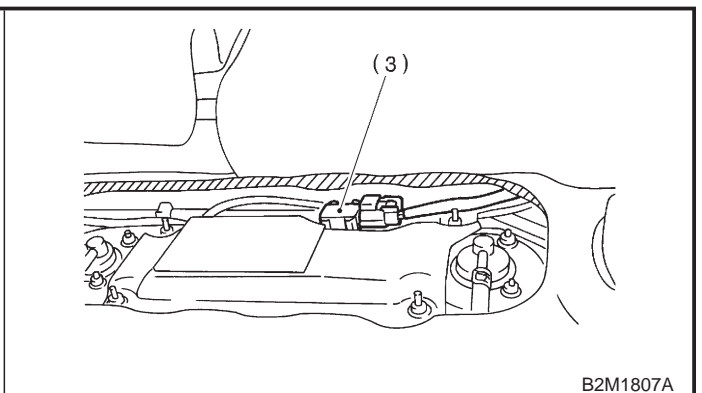
B2M1730G

- (1) Fuel level sensor
- (2) Fuel temperature sensor

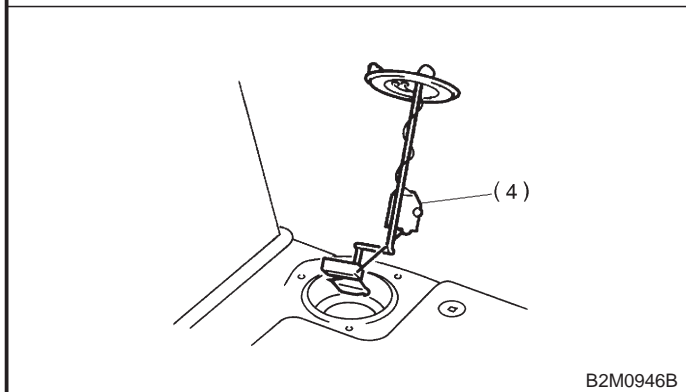
- (3) Fuel tank pressure sensor
- (4) Fuel sub level sensor



B2M0921B



B2M1807A

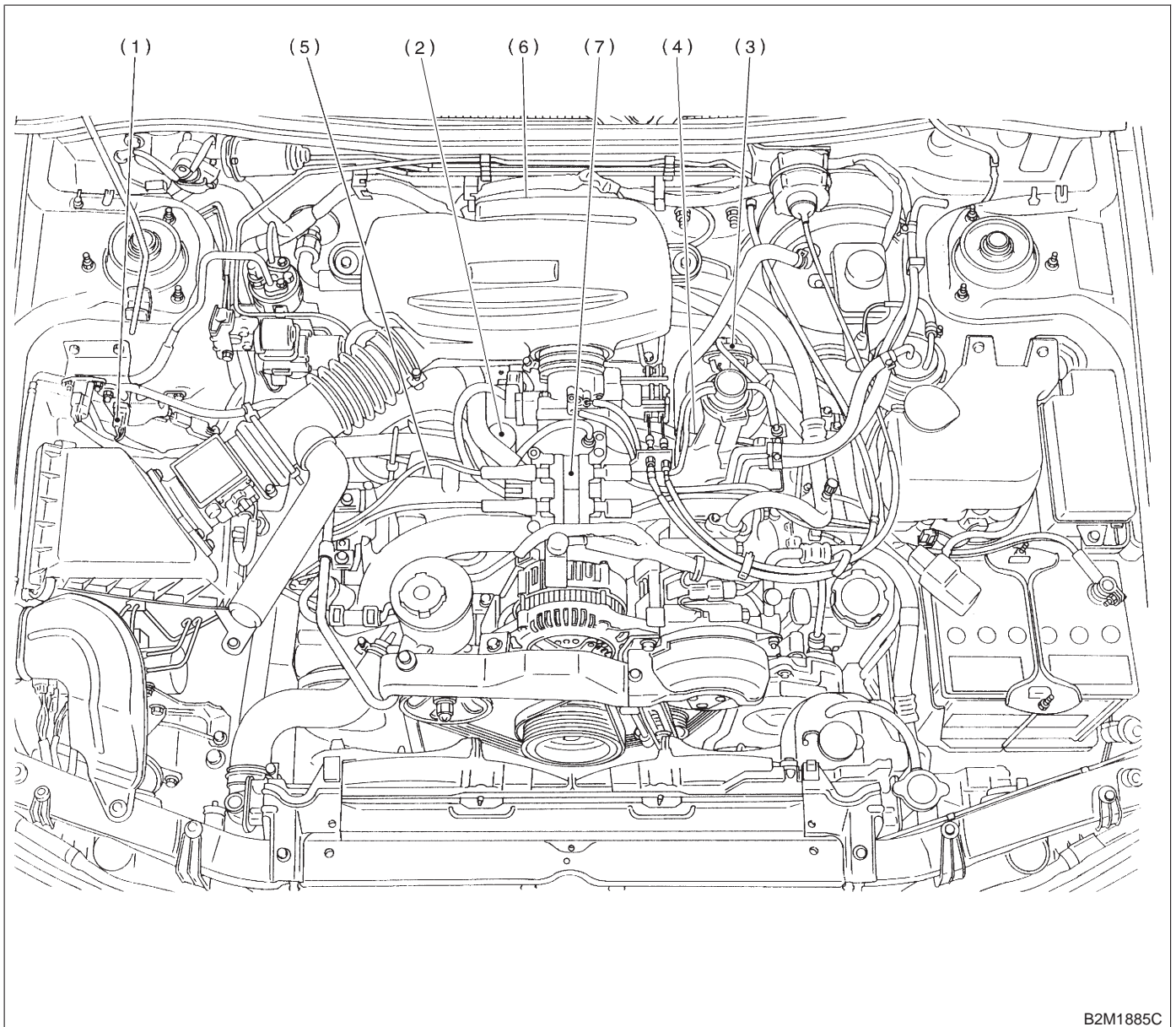


B2M0946B

SUBARU

MEMO:

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



(1) Pressure sources switching solenoid valve

(2) Idle air control solenoid valve

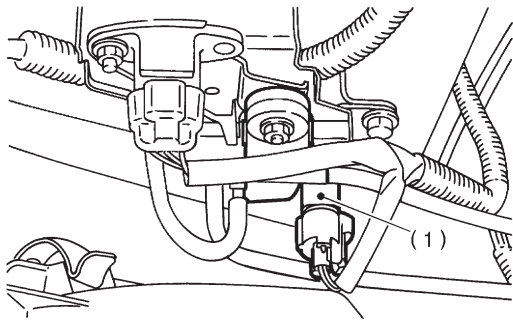
(3) EGR valve

(4) EGR control solenoid valve

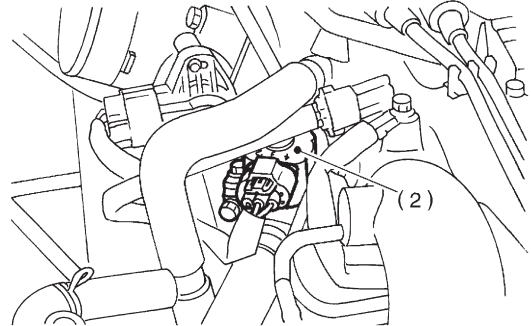
(5) Purge control solenoid valve

(6) Ignitor

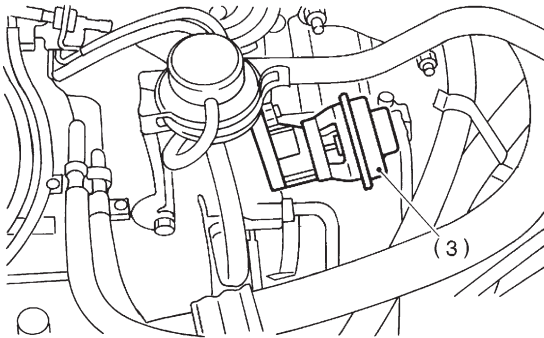
(7) Ignition coil



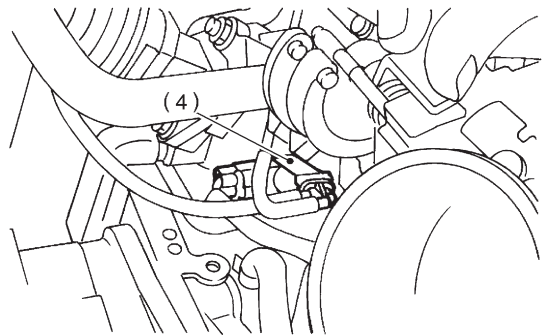
B2M0777B



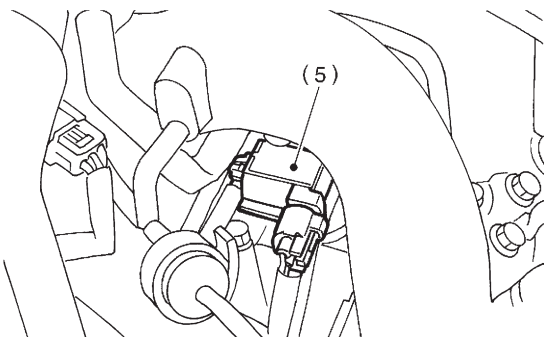
B2M1036C



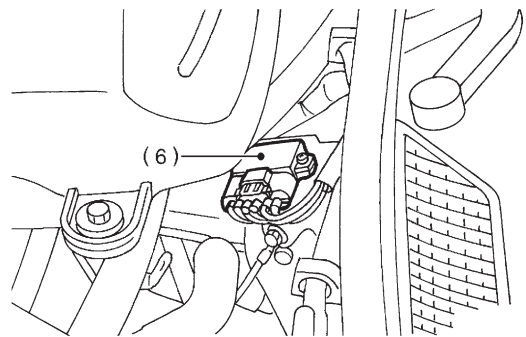
B2M0670E



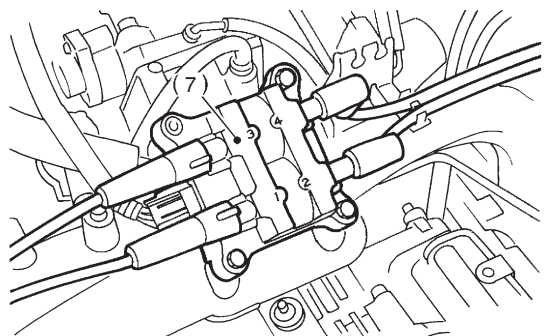
OBD0024F



B2M1039I



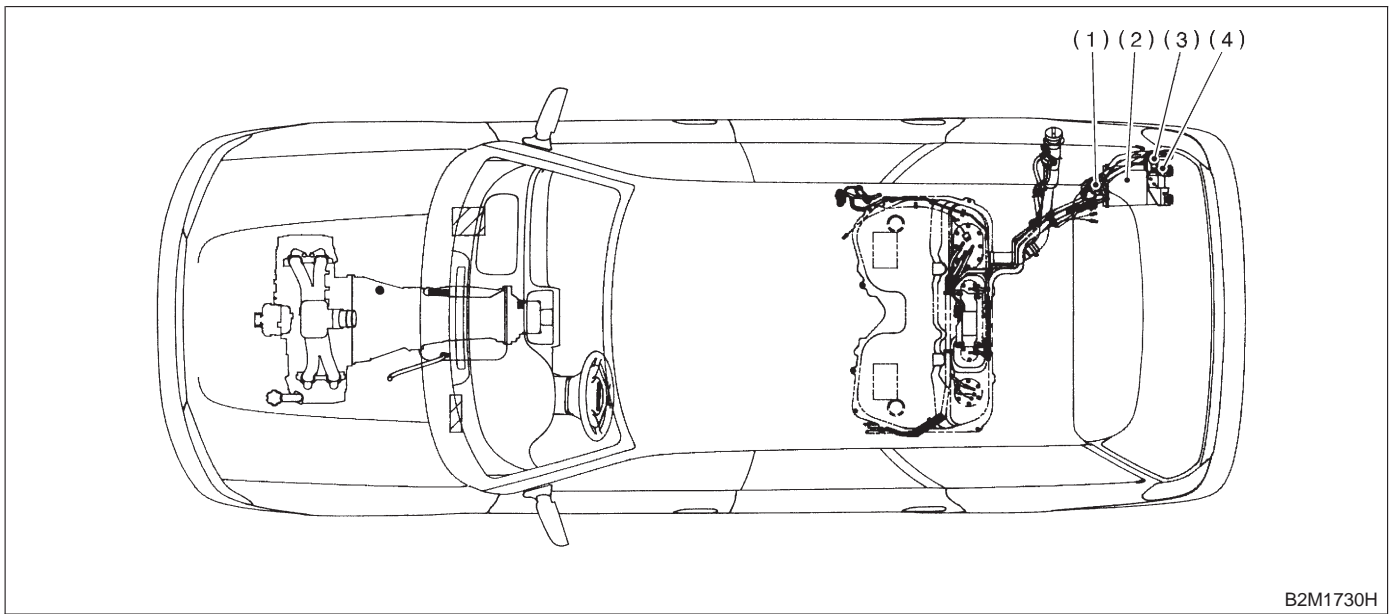
B2M1040E



B2M1041E

SUBARU.

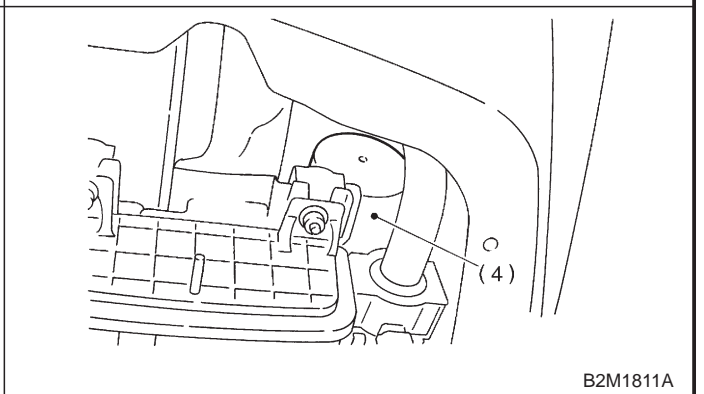
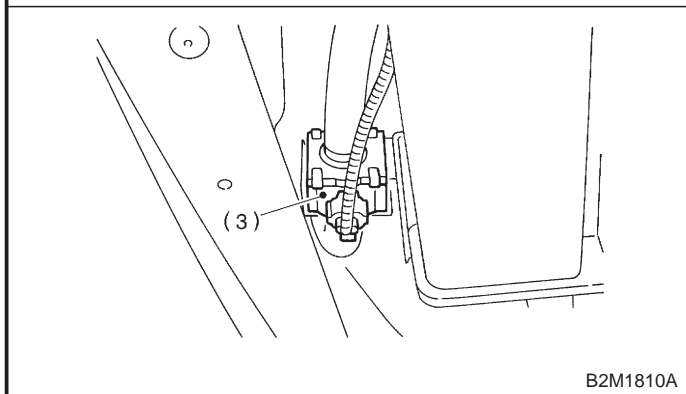
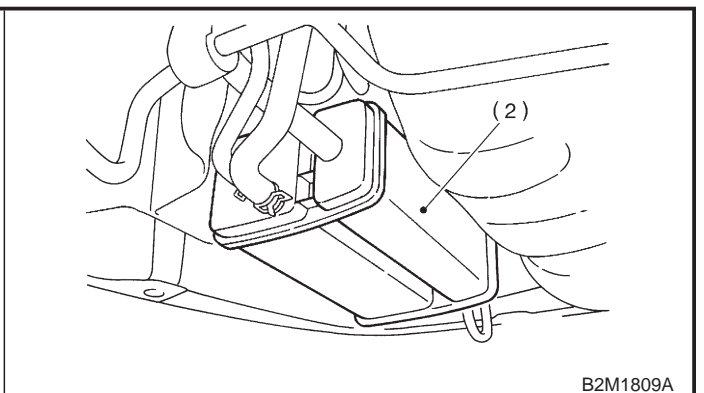
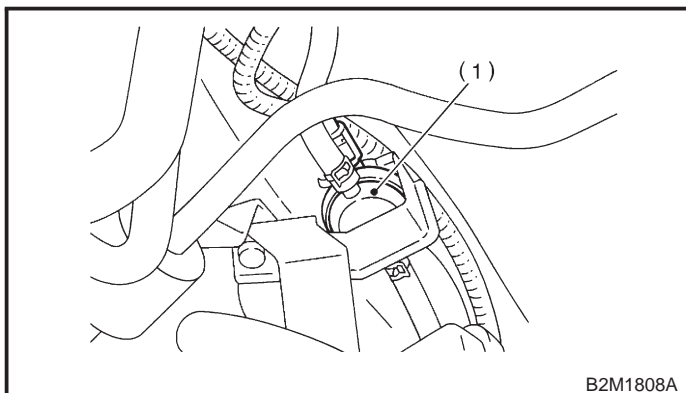
2. Electrical Components Location



(1) Pressure control solenoid valve

(2) Vent control solenoid valve

(3) Canister

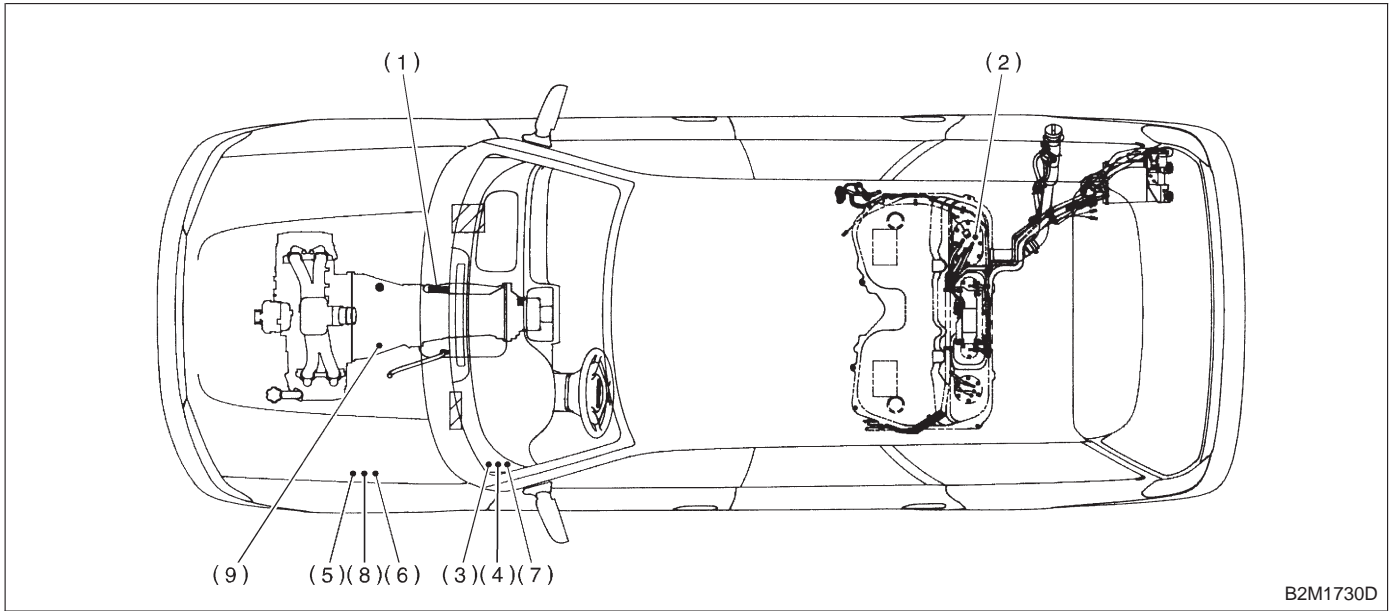


MEMO:

2-7 [T2C3]

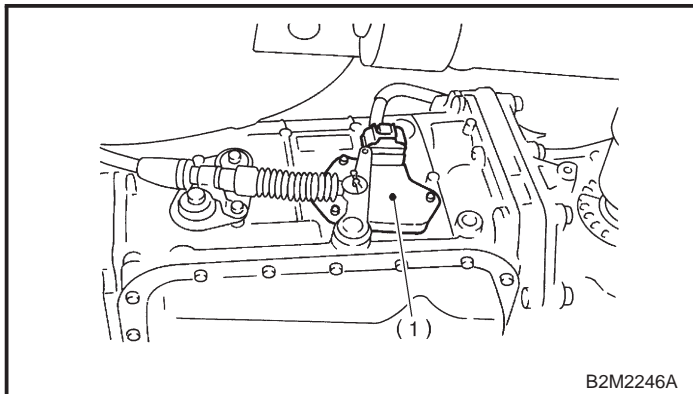
ON-BOARD DIAGNOSTICS II SYSTEM

2. Electrical Components Location

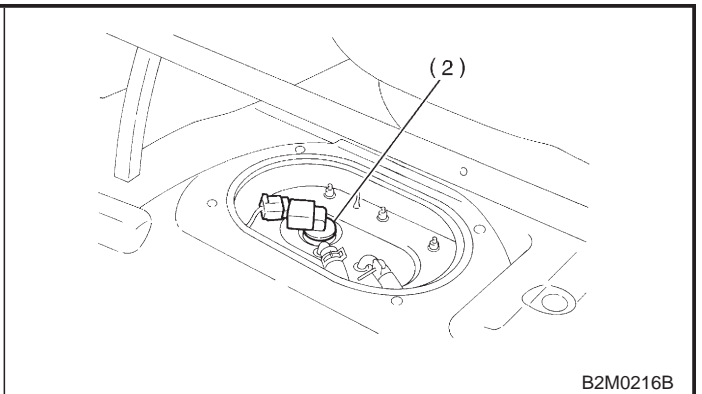


B2M1730D

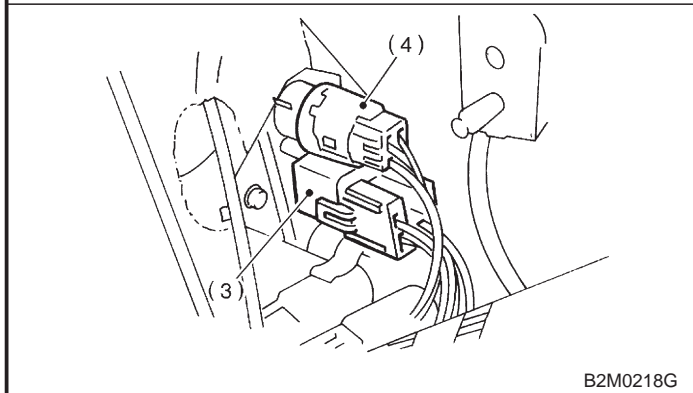
- | | | |
|--|--|---|
| (1) Inhibitor switch (AT vehicles only) | (6) Radiator main fan relay 2 (With A/C models only) | (8) Radiator sub fan relay 2 (With A/C models only) |
| (2) Fuel pump | (7) Radiator sub fan relay 1 (With A/C models) | (9) Starter |
| (3) Main relay | (4) Fuel pump relay | |
| (5) Radiator main fan relay 1 (With A/C models only) | (7) Main fan relay (Without A/C models) | |



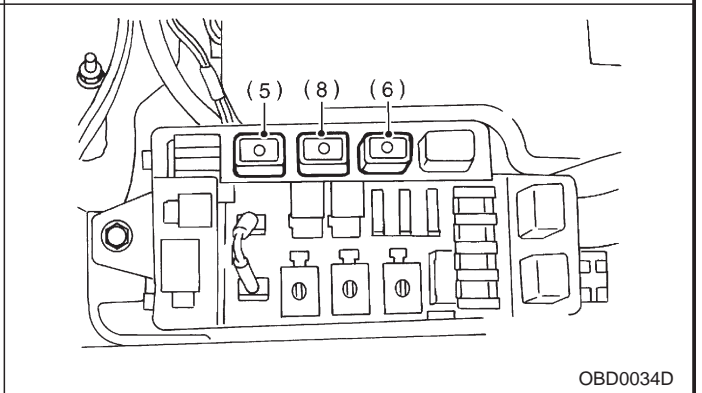
B2M2246A



B2M0216B



B2M0218G

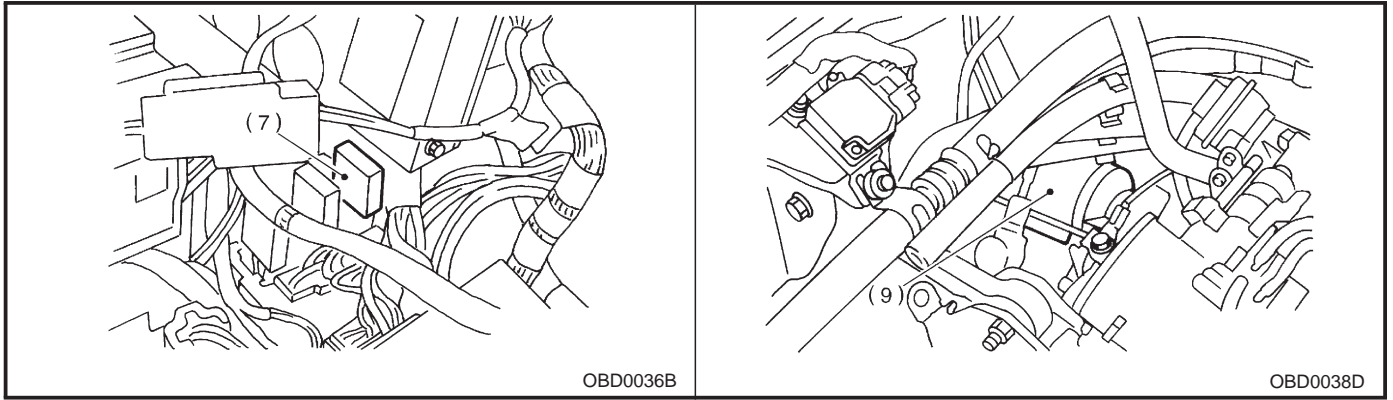


OBD0034D

ON-BOARD DIAGNOSTICS II SYSTEM

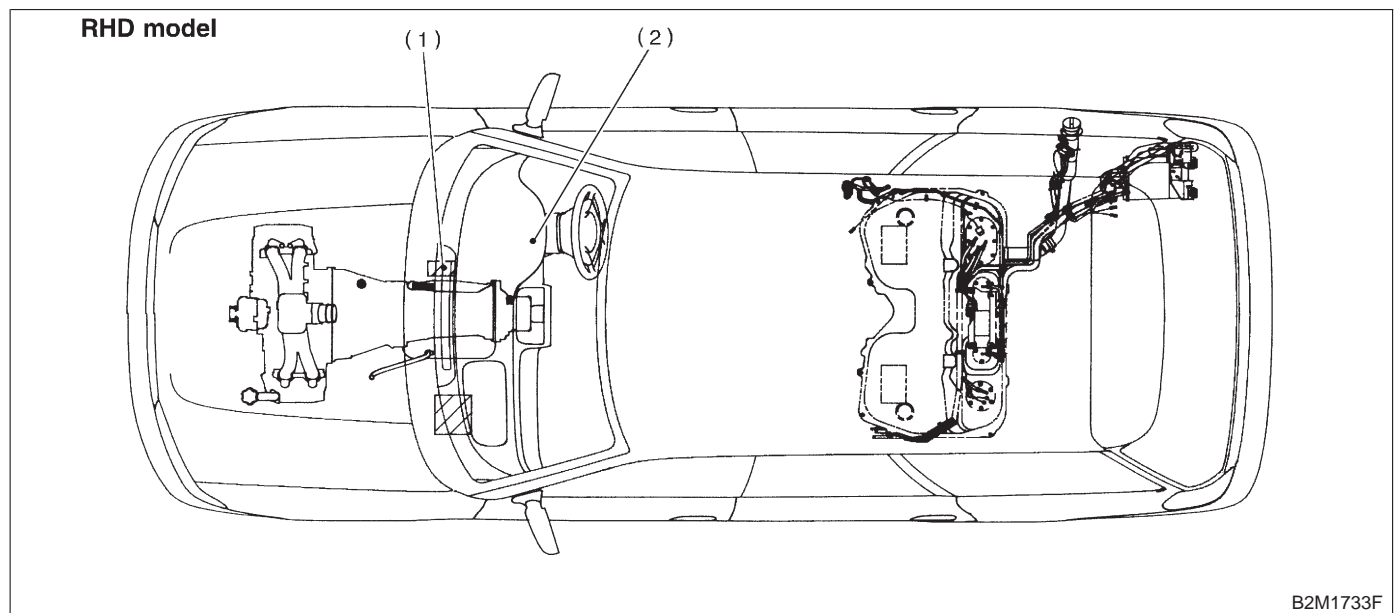
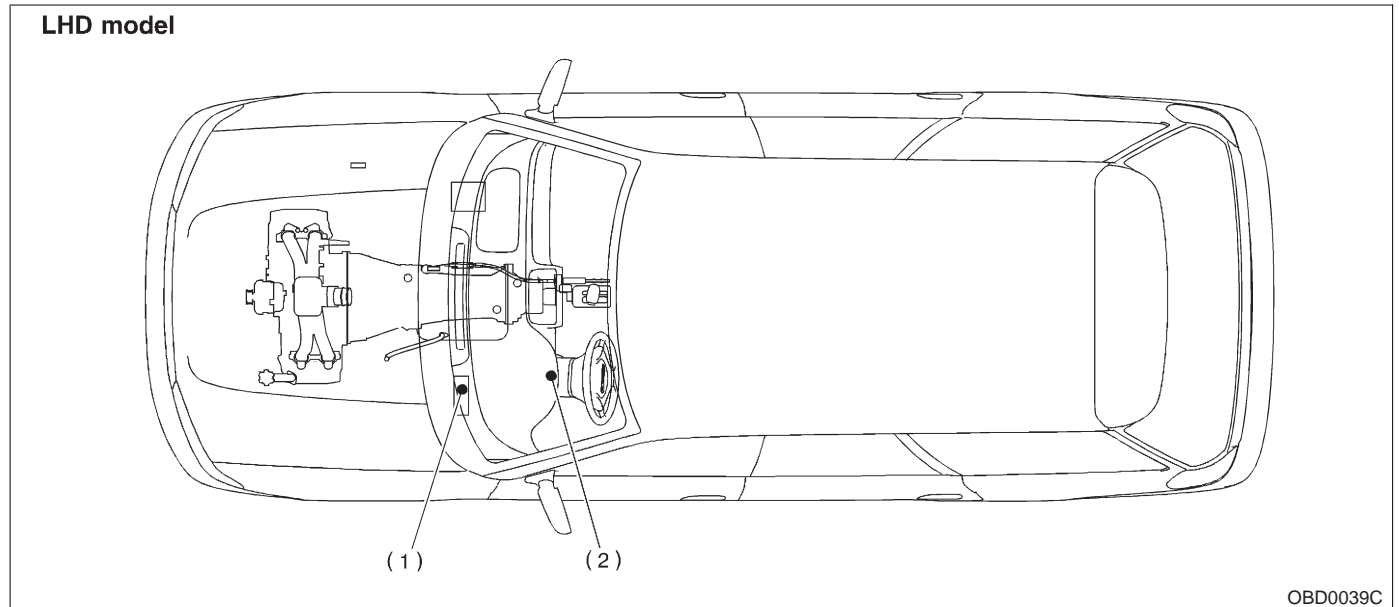
[T2C3] 2-7

2. Electrical Components Location



D: TRANSMISSION

1. MODULE



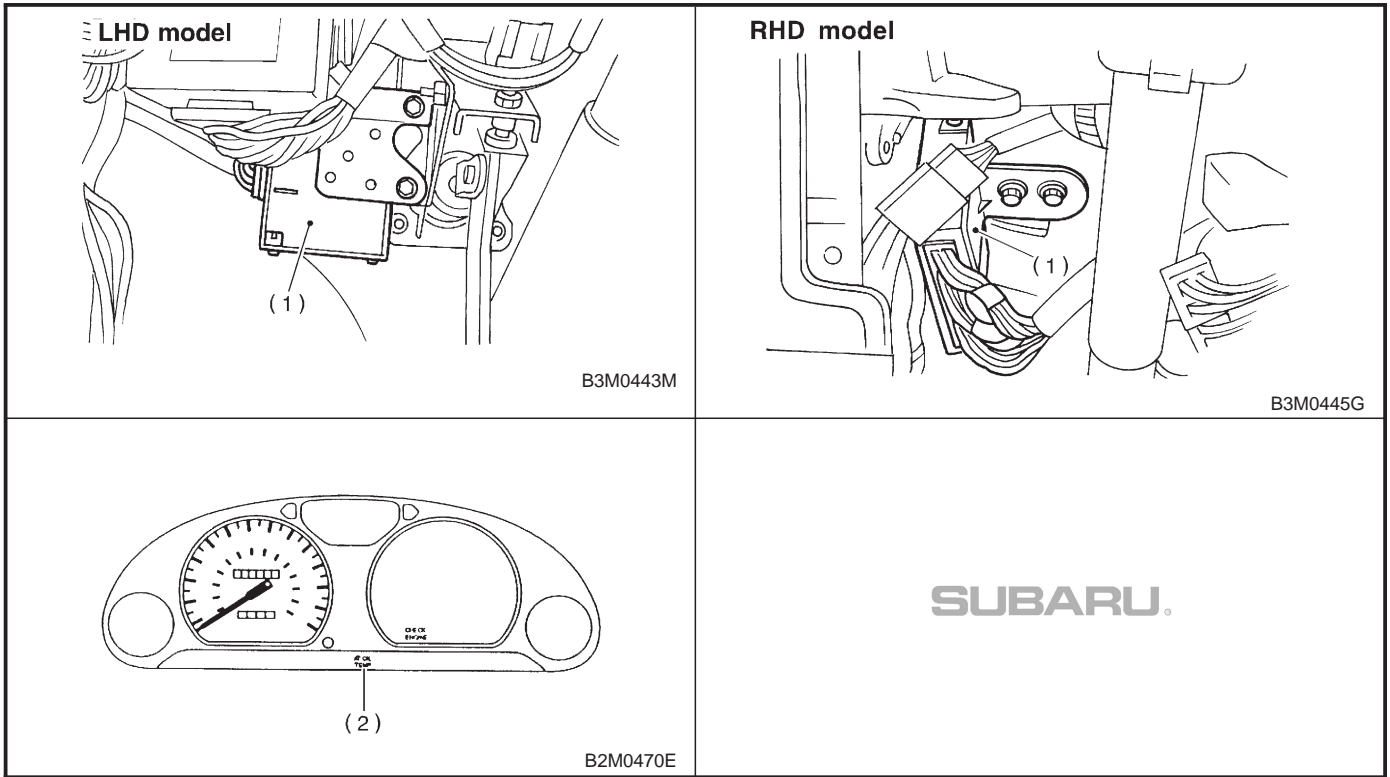
(1) Transmission Control Module (TCM) (for AT vehicles)

(2) AT diagnostic indicator light (for AT vehicles)

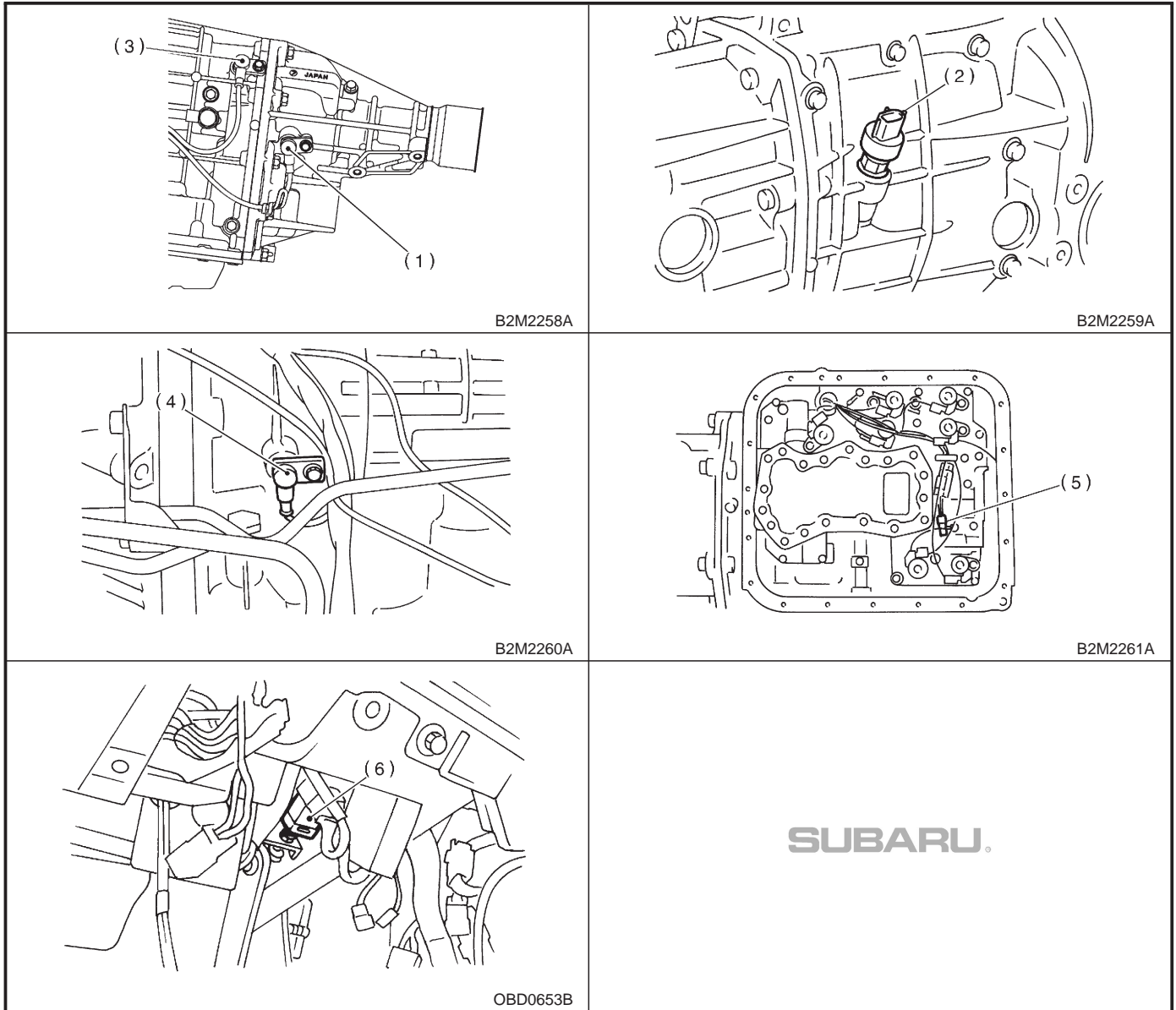
ON-BOARD DIAGNOSTICS II SYSTEM

[T2D1] 2-7

2. Electrical Components Location



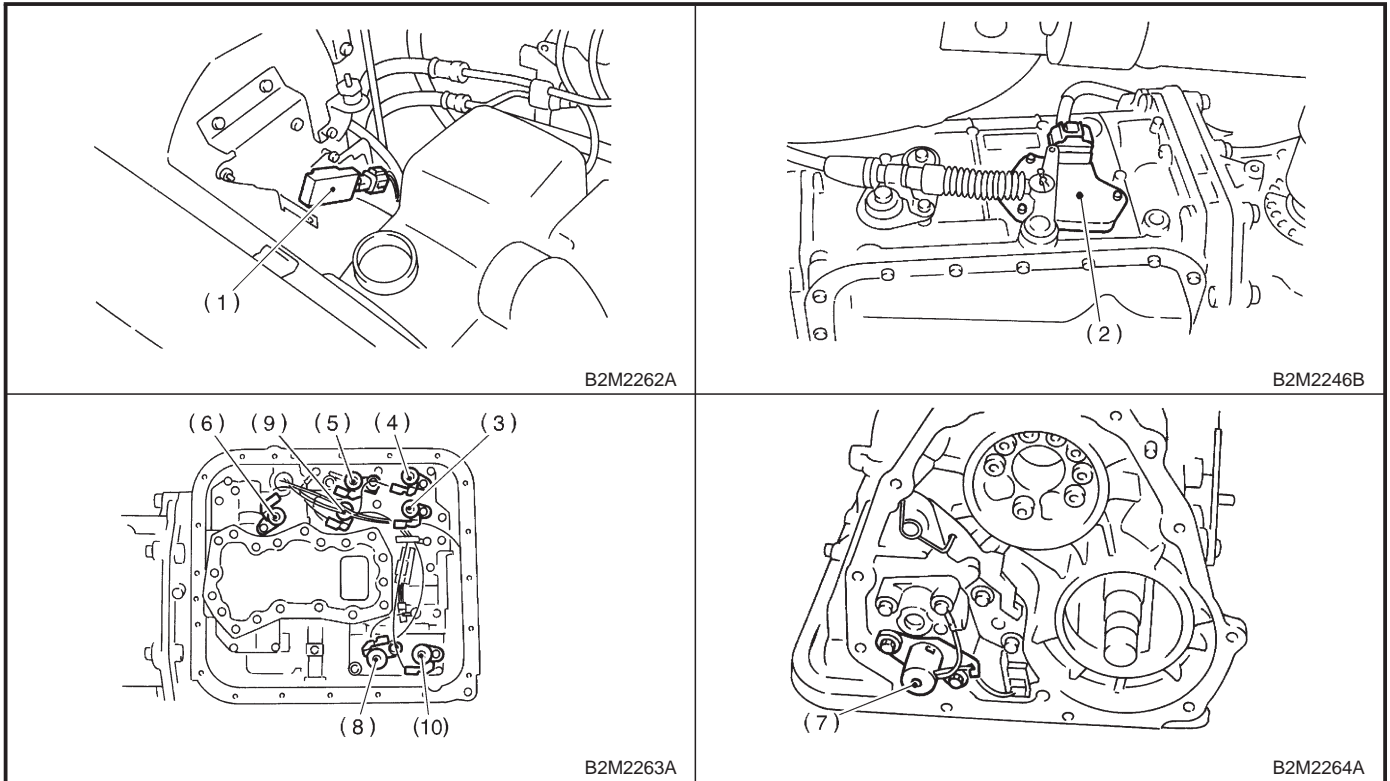
2. SENSOR



- (1) Vehicle speed sensor 1 (for AT AWD vehicles)
- (2) Vehicle speed sensor 2 (for MT vehicles)
- (3) Vehicle speed sensor 2 (for AT AWD vehicles)
- (4) Torque converter turbine speed sensor
- (5) ATF temperature sensor (for AT vehicles)
- (6) Brake light switch

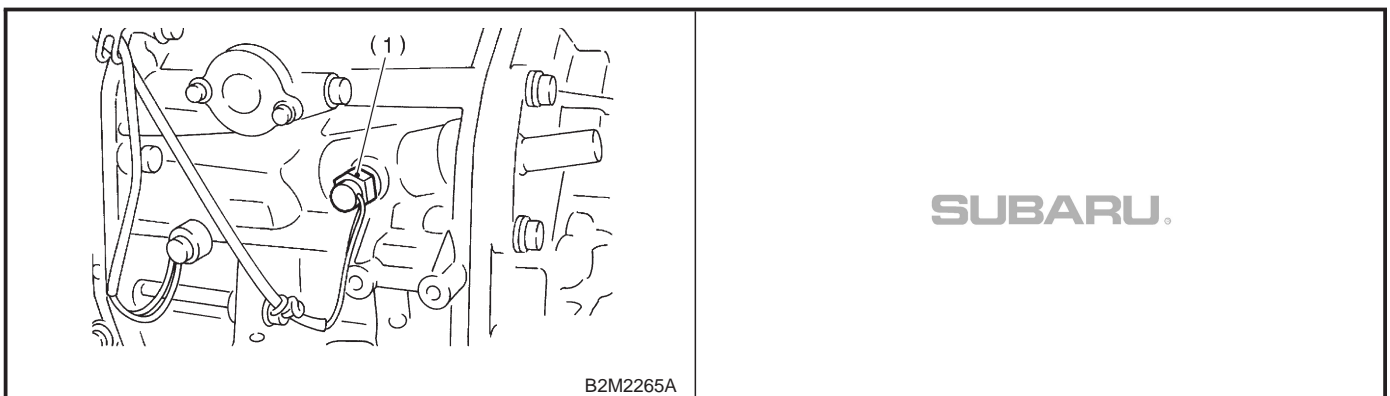
3. SOLENOID VALVE AND RELAY

● For AT vehicles



- (1) Dropping resistor
- (2) Inhibitor switch
- (3) Shift solenoid valve 1
- (4) Shift solenoid valve 2
- (5) Duty solenoid valve A
- (6) Duty solenoid valve B
- (7) Duty solenoid valve C
- (8) Duty solenoid valve D
- (9) Low clutch timing solenoid valve
- (10) 2-4 brake timing solenoid valve

● For MT vehicles



- (1) Neutral position switch