

## 7. Electrical Unit Location

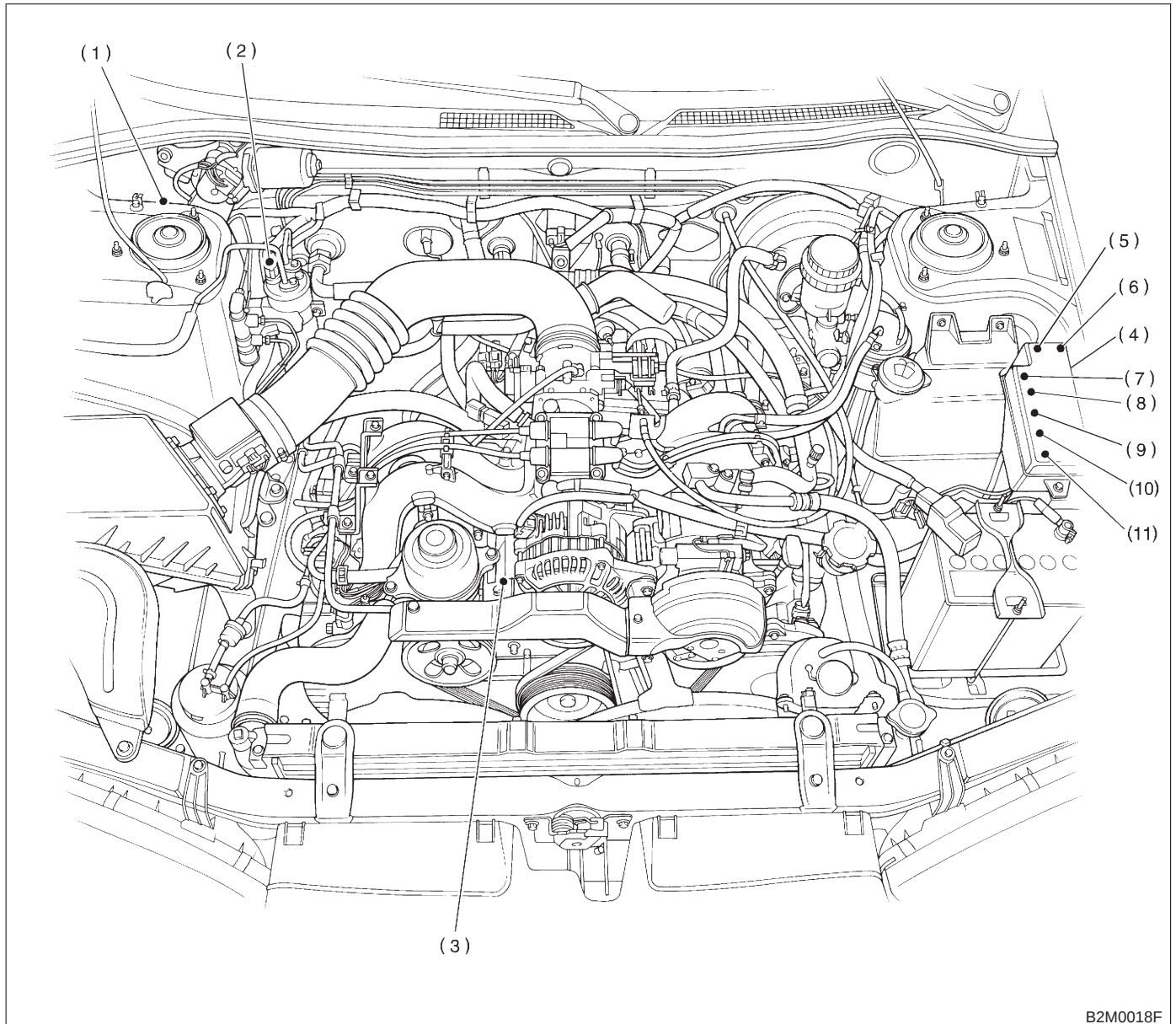
### A: LIST

| Electrical unit                         | Index No.              |
|-----------------------------------------|------------------------|
| ABS control module                      | <Ref. to 4-4 [T300].>  |
| ABS G sensor (MT)                       | <Ref. to 4-4 [T300].>  |
| A/C compressor relay                    | <Ref. to 6-3 [D7B1].>  |
| A/C fuse                                | <Ref. to 6-3 [D7B1].>  |
| A/C main fan relay 1                    | <Ref. to 6-3 [D7B1].>  |
| A/C main fan relay 2                    | <Ref. to 6-3 [D7B1].>  |
| A/C pressure switch                     | <Ref. to 6-3 [D7B1].>  |
| A/C sub fan relay 2                     | <Ref. to 6-3 [D7B1].>  |
| ATF temperature sensor                  | <Ref. to 2-7 [T2D2].>  |
| Blower motor resistor                   | <Ref. to 6-3 [D7B2].>  |
| Blower relay                            | <Ref. to 6-3 [D7B2].>  |
| Camshaft position sensor                | <Ref. to 2-7 [T2A2].>  |
| Check connector                         | <Ref. to 6-3 [D7B2].>  |
| Clutch switch (MT)                      | <Ref. to 6-2a [T300].> |
| Crankshaft position sensor              | <Ref. to 2-7 [T2A2].>  |
| Cruise control module                   | <Ref. to 6-2a [T300].> |
| Cruise control pump                     | <Ref. to 6-2a [T300].> |
| Data link connector (for OBD-II G.S.T.) | <Ref. to 2-7 [T2A3].>  |
| Data link connector (for S.S.M.)        | <Ref. to 2-7 [T2A3].>  |
| Diagnosis connector                     | <Ref. to 4-4 [T300].>  |
| Diagnosis terminal (Ground)             | <Ref. to 4-4 [T300].>  |
| Door lock timer                         | <Ref. to 6-3 [D7B2].>  |
| Engine control module                   | <Ref. to 2-7 [T2A1].>  |
| Engine coolant temperature sensor       | <Ref. to 2-7 [T2A2].>  |
| Engine hood switch (Security)           | <Ref. to 6-2b [T6A0].> |
| Evaporator thermost switch              | <Ref. to 6-3 [D7B2].>  |
| F/B                                     | <Ref. to 6-3 [D7B2].>  |
| FRESH/RECIRC actuator                   | <Ref. to 6-3 [D7B2].>  |
| Fuel pump relay                         | <Ref. to 2-7 [T2A3].>  |
| Fuel gauge module                       | <Ref. to 6-3 [D7B3].>  |
| Fuel gauge sub module (AWD)             | <Ref. to 6-3 [D7B3].>  |
| FWD switch (AT)                         | <Ref. to 6-3 [D7B1].>  |
| Headlight alarm relay (Security)        | <Ref. to 6-2b [T6A0].> |
| Headlight relay LH                      | <Ref. to 6-3 [D7B1].>  |

| Electrical unit                           | Index No.              |
|-------------------------------------------|------------------------|
| Headlight relay RH                        | <Ref. to 6-3 [D7B1].>  |
| Horn relay                                | <Ref. to 6-3 [D7B2].>  |
| Hydraulic unit (ABS)                      | <Ref. to 4-4 [T300].>  |
| Ignition coil                             | <Ref. to 2-7 [T2A3].>  |
| Ignitor                                   | <Ref. to 2-7 [T2A3].>  |
| Idle air control solenoid valve           | <Ref. to 2-7 [T2A3].>  |
| Illumination control module               | <Ref. to 6-3 [D7B2].>  |
| Inhibitor switch                          | <Ref. to 6-2a [T300].> |
| Knock sensor                              | <Ref. to 2-7 [T2A2].>  |
| Main fan relay                            | <Ref. to 6-3 [D7B2].>  |
| Main relay                                | <Ref. to 2-7 [T2A3].>  |
| Mass air flow sensor                      | <Ref. to 2-7 [T2A2].>  |
| Mode actuator                             | <Ref. to 6-3 [D7B2].>  |
| M/B                                       | <Ref. to 6-3 [D7B1].>  |
| Oil pressure switch                       | <Ref. to 6-3 [D7B1].>  |
| Oxygen sensor                             | <Ref. to 2-7 [T2A2].>  |
| Pedal stroke sensor (TCS)                 | <Ref. to 4-4 [T300].>  |
| Power window and sunroof relay            | <Ref. to 6-3 [D7B2].>  |
| Power window circuit breaker              | <Ref. to 6-3 [D7B2].>  |
| Purge control solenoid valve              | <Ref. to 2-7 [T2A3].>  |
| Rear defogger relay                       | <Ref. to 6-3 [D7B2].>  |
| Seat belt timer                           | <Ref. to 6-3 [D7B2].>  |
| Security control module                   | <Ref. to 6-2b [T6A0].> |
| Shift lock control module                 | <Ref. to 6-3 [D7B2].>  |
| Starter interrupt relay (Security)        | <Ref. to 6-2b [T6A0].> |
| Stop & brake switch (With cruise control) | <Ref. to 6-2a [T300].> |
| Sunroof control module                    | <Ref. to 6-3 [D7B3].>  |
| Tail and illumination relay               | <Ref. to 6-3 [D7B2].>  |
| TCS control module                        | <Ref. to 4-4 [T300].>  |
| TCS motor relay                           | <Ref. to 4-4 [T300].>  |
| TCS valve relay                           | <Ref. to 4-4 [T300].>  |
| Throttle position sensor                  | <Ref. to 2-7 [T2A2].>  |
| Test mode connector                       | <Ref. to 2-7 [T2A3].>  |
| Transmission control module               | <Ref. to 2-7 [T2D1].>  |
| Turn & hazard module                      | <Ref. to 6-3 [D7B2].>  |
| Vehicle speed sensor 1                    | <Ref. to 2-7 [T2D2].>  |
| Vehicle speed sensor 2                    | <Ref. to 2-7 [T2D2].>  |

**B: LOCATION**

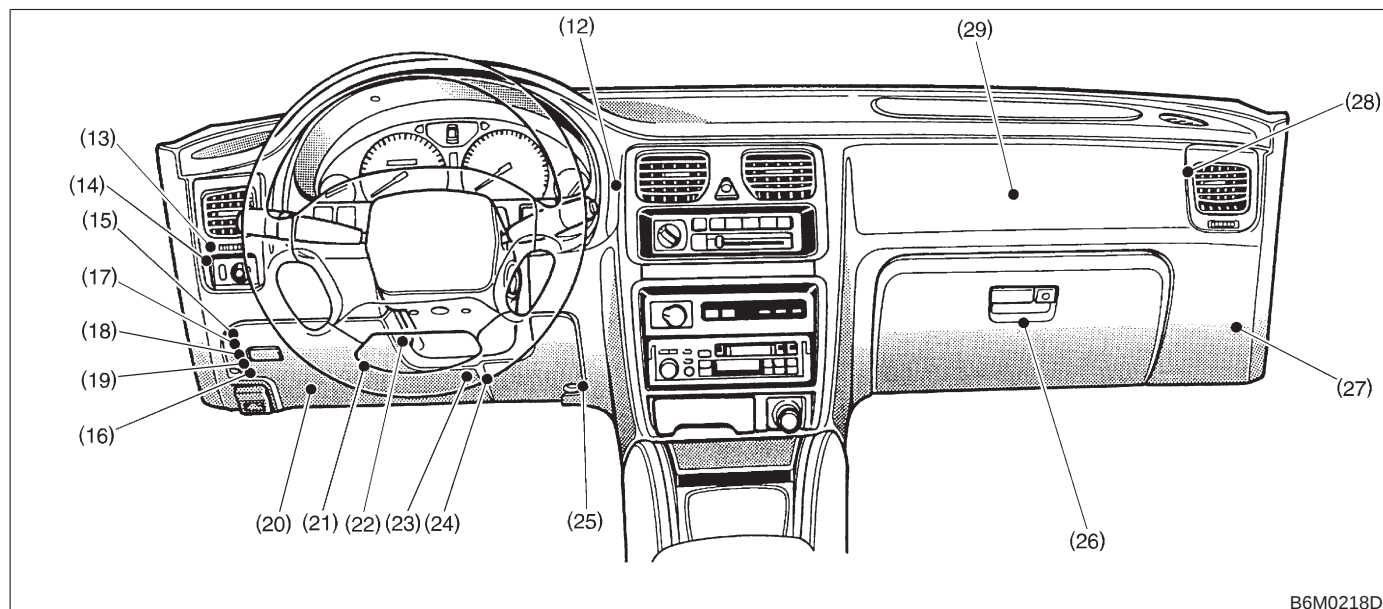
**1. ENGINE ROOM**



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- |                                               |                                                |                                                 |
|-----------------------------------------------|------------------------------------------------|-------------------------------------------------|
| (1) FWD switch (AT) <Ref. to 6-3 [D7B4].>     | (5) Headlight relay LH <Ref. to 6-3 [D7B4].>   | (8) A/C main fan relay 2 <Ref. to 6-3 [D7B4].>  |
| (2) A/C pressure switch <Ref. to 6-3 [D7B4].> | (6) Headlight relay RH <Ref. to 6-3 [D7B4].>   | (9) A/C sub fan relay 2 <Ref. to 6-3 [D7B4].>   |
| (3) Oil pressure switch <Ref. to 6-3 [D7B4].> | (7) A/C compressor relay <Ref. to 6-3 [D7B4].> | (10) A/C main fan relay 1 <Ref. to 6-3 [D7B4].> |
| (4) M/B <Ref. to 6-3 [D7B4].>                 |                                                | (11) A/C fuse <Ref. to 6-3 [D7B4].>             |

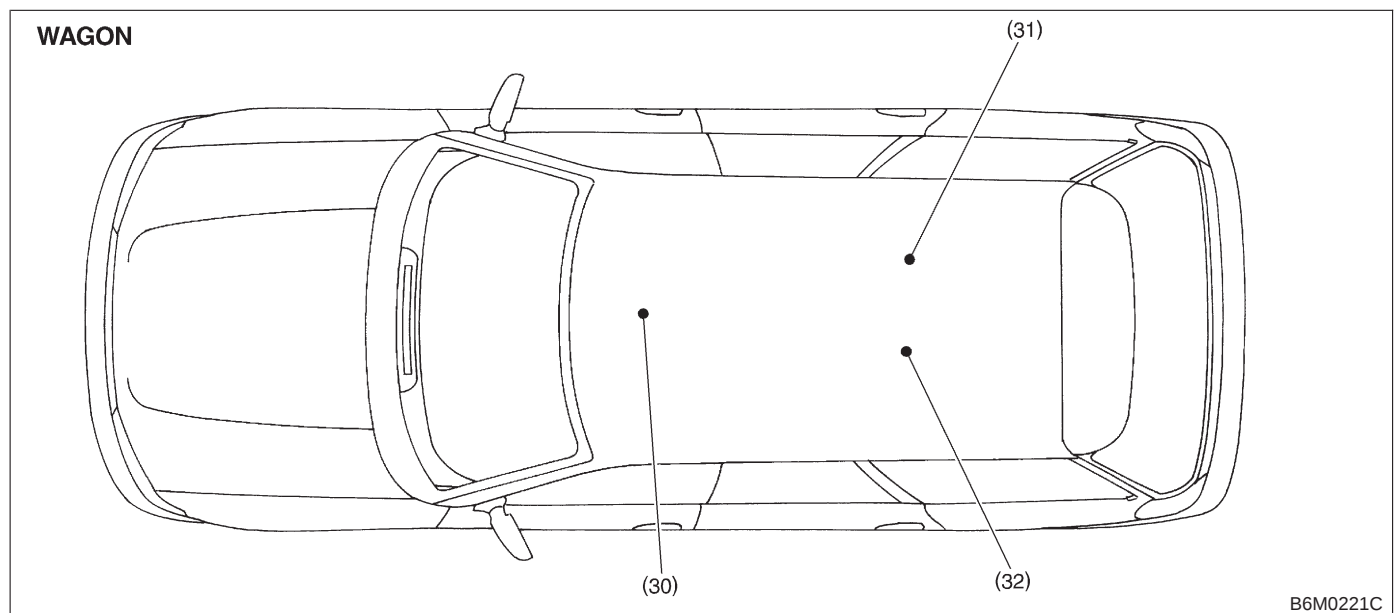
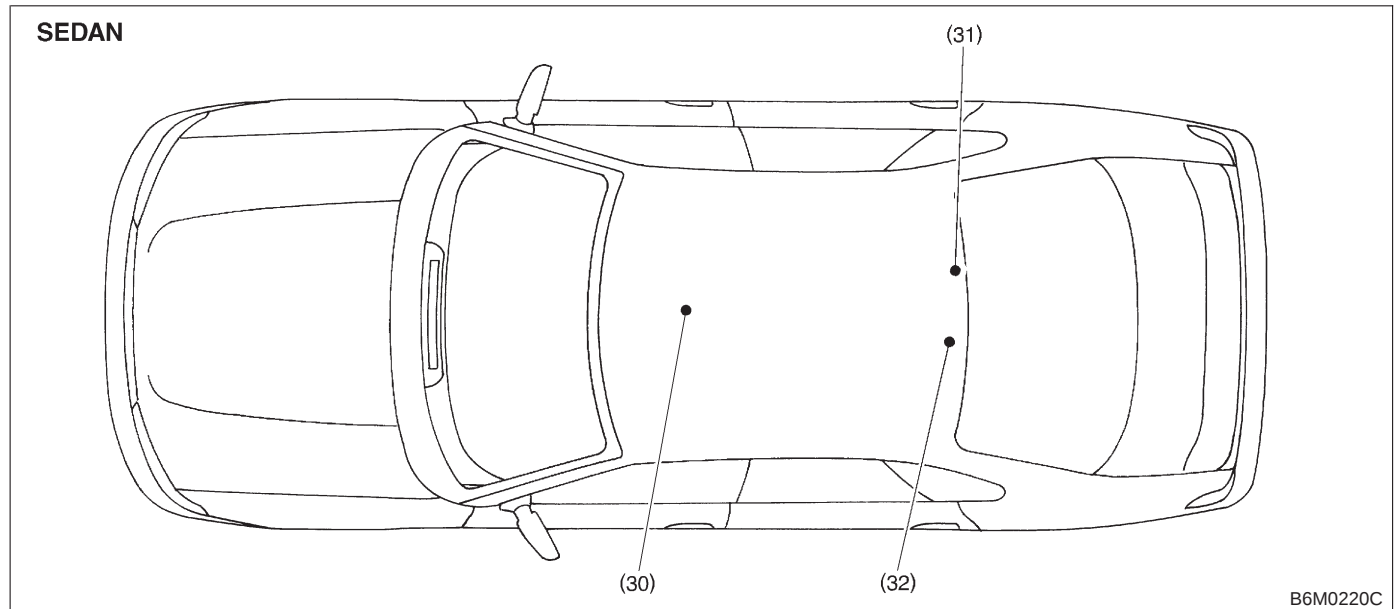
## 2. INSTRUMENT PANEL



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- |                                                      |                                                         |                                                    |
|------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|
| (12) Mode actuator <Ref. to 6-3 [D7B4].>             | (19) Main fan relay <Ref. to 6-3 [D7B4].>               | (25) Check connector <Ref. to 6-3 [D7B4].>         |
| (13) Blower relay <Ref. to 6-3 [D7B4].>              | (20) Seat belt timer <Ref. to 6-3 [D7B4].>              | (26) Blower motor resistor <Ref. to 6-3 [D7B4].>   |
| (14) Horn relay <Ref. to 6-3 [D7B4].>                | (21) Illumination control module <Ref. to 6-3 [D7B4].>  | (27) Door lock timer <Ref. to 6-3 [D7B4].>         |
| (15) F/B <Ref. to 6-3 [D7B4].>                       | (22) Shift lock control module <Ref. to 6-3 [D7B4].>    | (28) FRESH/RECIRC actuator <Ref. to 6-3 [D7B4].>   |
| (16) Turn & hazard module <Ref. to 6-3 [D7B4].>      | (23) Power window circuit breaker <Ref. to 6-3 [D7B4].> | (29) Evaporator thermoswitch <Ref. to 6-3 [D7B4].> |
| (17) Rear defogger relay <Ref. to 6-3 [D7B4].>       | (24) Power window & sunroof relay <Ref. to 6-3 [D7B4].> |                                                    |
| (18) Tail & illumination relay <Ref. to 6-3 [D7B4].> |                                                         |                                                    |

**3. COMPARTMENT**

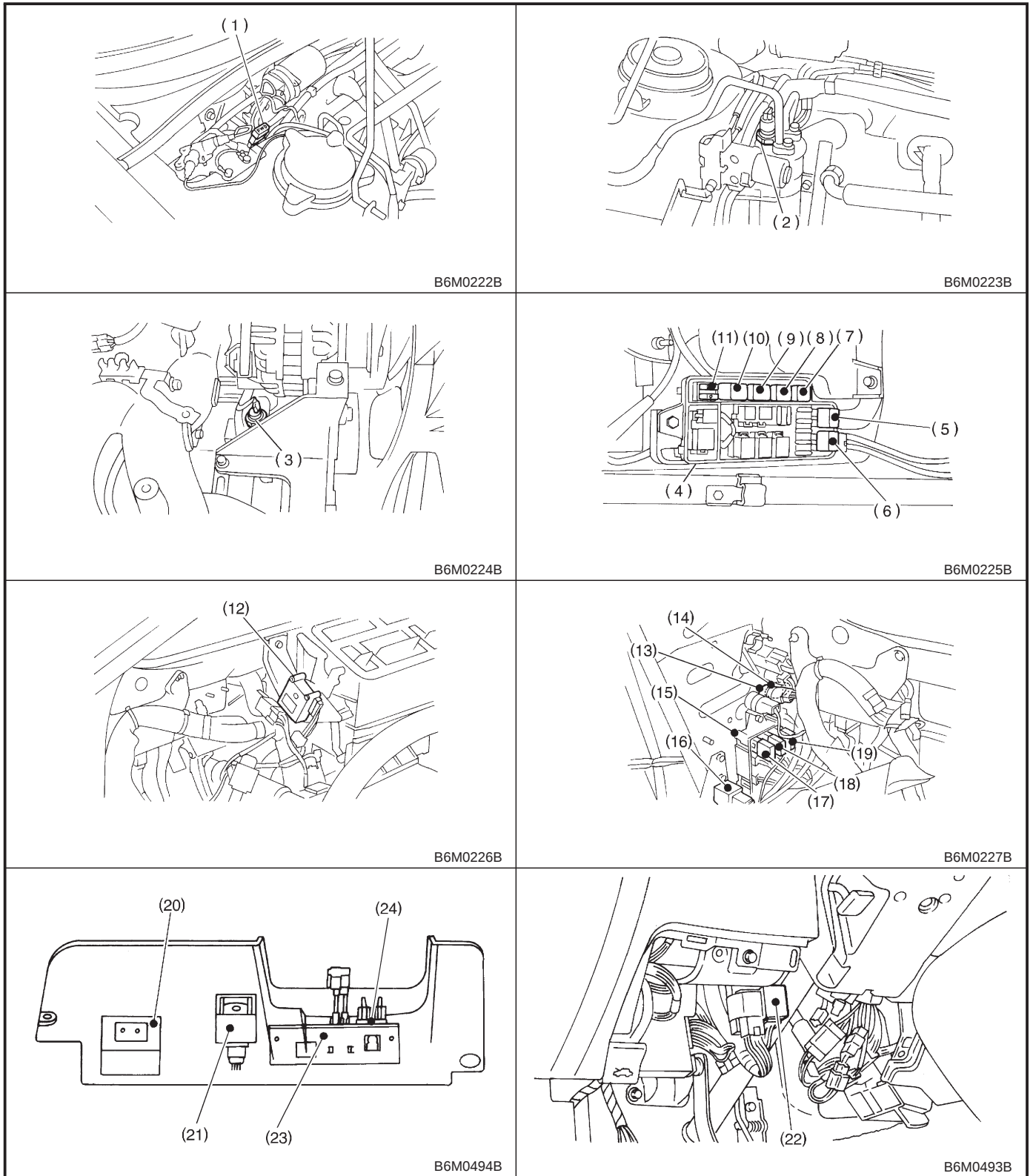


(30) Sunroof control module <Ref. to 6-3 [D7B4].>

(31) Fuel gauge module <Ref. to 6-3 [D7B4].>

(32) Fuel gauge sub module (AWD) <Ref. to 6-3 [D7B4].>

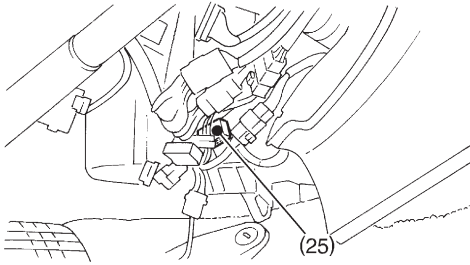
## 4. DETAIL



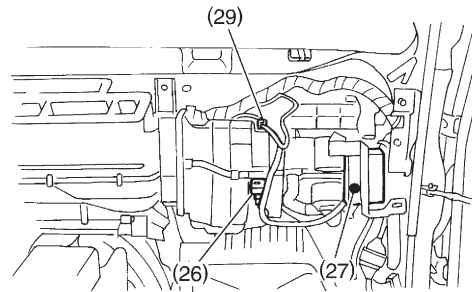
## 6-3 [D7B4]

### 7. Electrical Unit Location

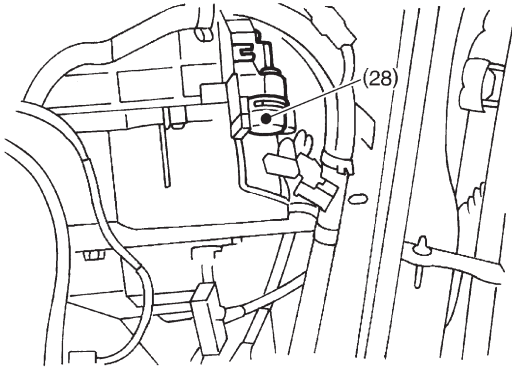
## WIRING DIAGRAM



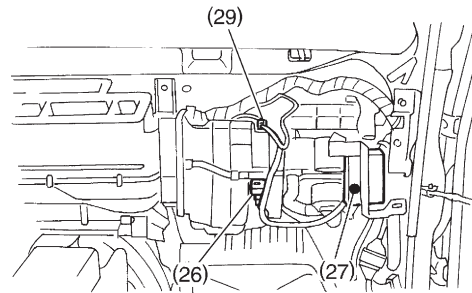
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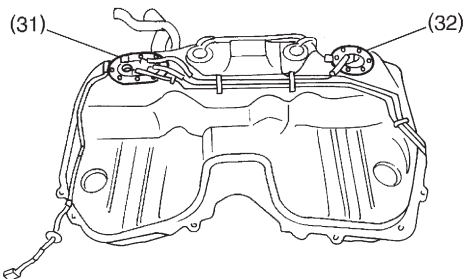
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B6M0495B



B6M0231C



B6M0235C

**SUBARU.**

## WIRING DIAGRAM

[D7B4] **6-3**

7. Electrical Unit Location

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MEMO: