

General Description

INSTRUMENTATION/DRIVER INFO

1. General Description

A: SPECIFICATION

1. COMBINATION METER ASSEMBLY

| Meter, display | Operation method, display method | Drive control | When checking the indicator needle operation/needle reading operation |
|---|----------------------------------|---|---|
| Speedometer | Stepping motor type | Combination meter | — |
| Tachometer | | | |
| ECO gauge | | | |
| ABS warning light | | | |
| STEERING warning light | | | |
| AT oil temperature warning light | | | |
| Driver's seat belt warning light | | | |
| Door warning light | | | |
| Tire pressure warning light (U.S. model) | | | |
| AWD warning light (AT model) | | | |
| Hill start assist warning light (MT model) | | | |
| VDC warning light / VDC operation indicator light | | | |
| VDC OFF indicator light | | | |
| High beam indicator light | | | |
| Front fog light indicator light | | | |
| Lighting indicator light | | | |
| Fuel level warning light | | | |
| Malfunction indicator light | | | |
| Airbag warning light | LED | Combination meter | On/Off |
| Engine oil level warning light | | | |
| Washer fluid level warning light | | | |
| Meter illumination back light | | | |
| LCD back light | | | |
| Engine coolant temperature warning light (red) | | | |
| Engine coolant temperature indicator light (blue) | | | |
| Oil pressure warning light | | | |
| Charge warning light | | | |
| Turn signal indicator light | | | |
| Security/immobilizer indicator light | | Turns on or off according to module control | Light ON |
| Auto leveler warning light (model with HID) | | | |
| Parking brake/brake fluid level warning light | | | |
| Odo indicator | | | |
| Trip indicator | | | |
| Shift indicator | LCD | Combination meter | — |
| AT select lever position indicator | | | |
| FUEL meter | | | |
| CRUISE indicator | | | |
| CRUISE SET indicator | | | |
| SPORT indicator | | | |

2. MULTI-FUNCTION DISPLAY

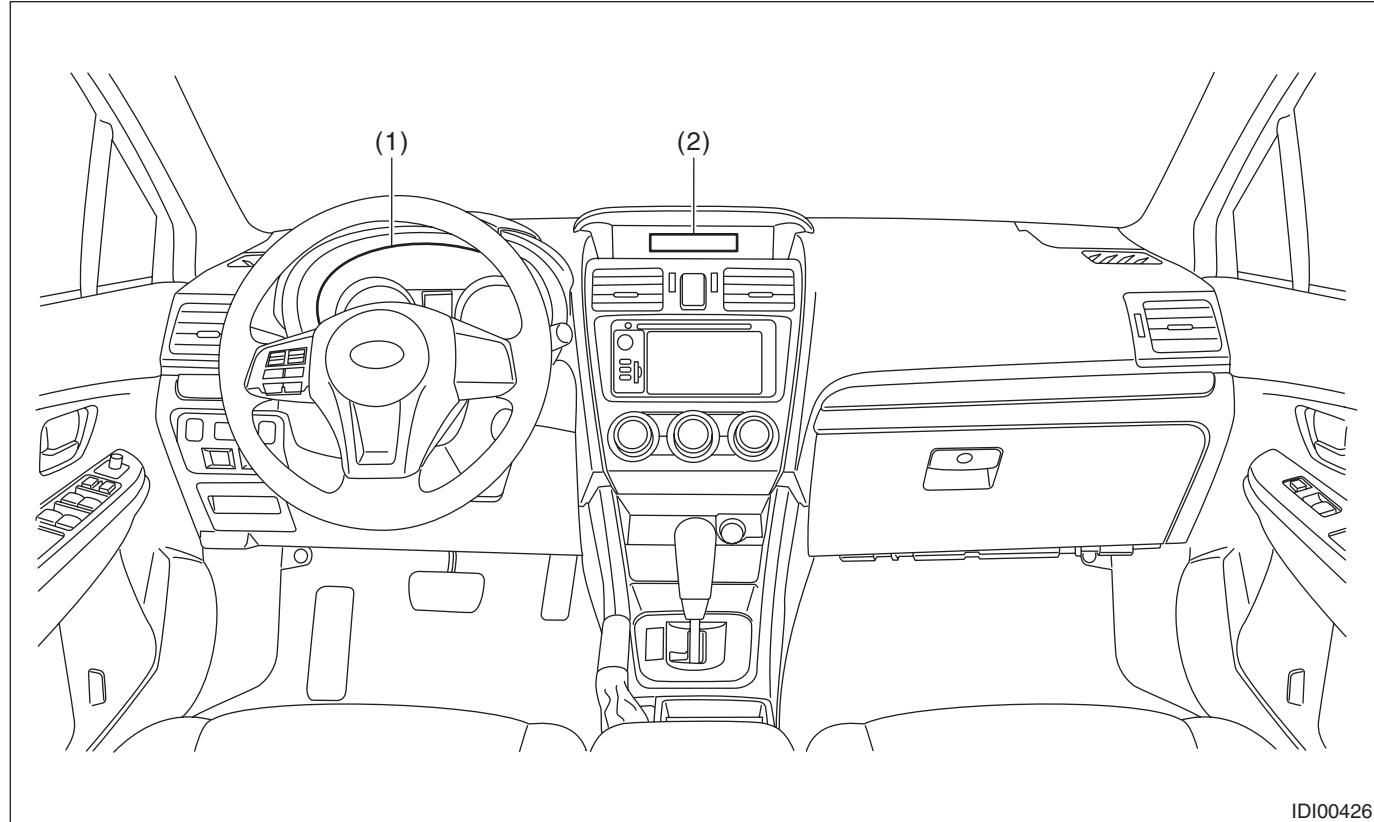
- Standard type

| Display | Display method |
|--|----------------|
| Average/instantaneous fuel economy, cruising distance, ambient temperature, current time, continuous driving time, average vehicle speed | LCD |
| Passenger's seat airbag indicator light | LED |
| Passenger's airbag ON indicator light | |
| Passenger's airbag OFF indicator light | |
| Passenger's seat belt warning light | |

- High grade type

| Display | Display method |
|---|----------------|
| Fuel economy screen, ecology evaluation screen, preventive safety screen, clock/ ambient temperature, self-check screen, information screen | TFT |
| Air conditioner display | LCD |
| Passenger's seat airbag indicator light | LED |
| Passenger's airbag ON indicator light | |
| Passenger's airbag OFF indicator light | |
| Passenger's seat belt warning light | |

B: LOCATION



(1) Combination meter ASSY

(2) Multi-function display

General Description

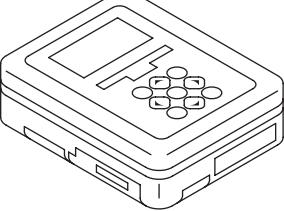
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C: CAUTION

- Before disassembling or reassembling parts, always disconnect the battery ground cable from battery. When replacing the audio, control module and other parts provided with memory functions, record the memory contents before disconnecting the battery ground cable. Otherwise, the memory is cleared.
- Reassemble the parts in the reverse order of disassembly procedure unless otherwise indicated.
- Use gloves to avoid damage and getting fingerprints on the glass surface and meter surfaces.
- Do not apply an excessive force on the printed circuit.
- Do not drop or otherwise apply impact.
- Connect the connectors securely during reassembly.
- After reassembly, make sure that each component operates normally.
- When the combination meter assembly has been replaced, be sure to perform the registration of immobilizer.
- If the steering wheel and steering angle sensor (steering roll connector) are removed, perform "VDC sensor midpoint setting mode" of the VDC. <Ref. to VDC-18, VDC SENSOR MIDPOINT SETTING MODE, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

D: PREPARATION TOOL

1. SPECIAL TOOL

| ILLUSTRATION | TOOL NUMBER | DESCRIPTION | REMARKS |
|--|-------------|-------------------------------|--|
|  ST1B022XU0 | 1B022XU0 | SUBARU SELECT MONITOR III KIT | Used for setting of each function and troubleshooting for electrical system. NOTE: For detailed operation procedures of SUBARU SELECT MONITOR III KIT, refer to "PC application help for Subaru Select Monitor". |

2. GENERAL TOOL

| TOOL NAME | REMARKS |
|-----------------------|--|
| Circuit tester | Used for measuring resistance and voltage. |
| Steering wheel puller | Used for removing the steering wheel. |