

General Description

INSTRUMENTATION/DRIVER INFO

1. General Description

A: SPECIFICATION

1. COMBINATION METER ASSEMBLY

NOTE:

Specifications of the combination meter vary depending on the market and the grade.

Meter, display	Operation method, display method	Drive control	When checking the indicator needle operation/needle reading operation
Speedometer			
Tachometer			—
Engine coolant temperature gauge			
Fuel 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			
AWD warning light			
Hill start assist warning light			
VDC warning light / VDC operation indicator light			
VDC OFF indicator light			
VDC traction mode indicator light			
High beam indicator light			
Front fog light indicator light			
Lighting indicator light			
Malfunction indicator light			
Airbag warning light			
REV indicator light			
LED headlight warning light			
Meter illumination back light			
TFT back-up light			
Fuel level warning light			
Oil pressure warning light		Oil pressure switch	
Charge warning light		Generator	
Rear differential oil temperature warning light		Rear differential oil temperature switch	
Turn signal indicator light		Turn signal and hazard unit	Turns on or off according to module control
Security/immobilizer indicator light		Body integrated unit	
Auto leveler warning light		Auto headlight beam leveler CM	
Parking brake/brake fluid level/vacuum pump warning light		Combination meter/brake fluid level switch/combination meter	On/Turns on or off according to module control

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Meter, display	Operation method, display method	Drive control	When checking the indicator needle operation/needle reading operation
ODO indicator			
Trip indicator			
ECO gauge			
Select lever / shift position indicator			
SI-DRIVE mode indicator			
Information (intervention) display & indicator			
DCCD mode indicator			
Cruise control system indicator			
• Constant speed cruise			
• SET			
• Set speed			

2. MULTI-FUNCTION DISPLAY

NOTE:

Specifications of the multi-function display vary depending on the market and the grade.

Display	Display method
Self-check screen, triple meter screen, setting screen, boost/accelerator opening angle screen, preventive safety screen, diagnostic mode screen, fuel economy screen, economy gauge screen, clock/ambient temperature screen, information screen	TFT
Air conditioner display	LCD
Passenger's airbag ON indicator light	
Passenger's airbag OFF indicator light	
Passenger's seat belt warning light	LED

B: LOCATION

Refer to "LOCATION" of "INSTRUMENTATION/DRIVER INFO (DIAGNOSTICS)" section. <Ref. to IDI(diag)-6, LOCATION, Electrical Component Location.>

C: CAUTION

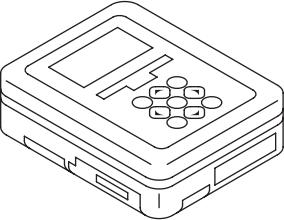
- Before disconnecting connectors of sensors or units, be sure to disconnect the ground cable from battery. When replacing the audio and MFD parts provided with memory functions, record the memory contents before disconnecting the battery ground cable.
- Use gloves to avoid damage to and get fingerprints on the glass surface. Wipe off using a soft cloth, if the part is contaminated.
- When the combination meter assembly has been replaced, be sure to perform the following operations.
 - For keyless entry model except for C0, be sure to perform the registration of immobilizer. For the relevant procedures, refer to the "REGISTRATION MANUAL FOR IMMOBILIZER".
 - Be sure to reset the ODO fuel economy value of the multi-function display (MFD). <Ref. to IDI-12, ODO FUEL ECONOMY VALUE RESET, OPERATION, Multi-function Display (MFD) System.>
- Be careful of the following items. Failing to do so may cause the airbag system malfunction.
 - Yellow connectors and harnesses with yellow tapes around them are the connectors and harnesses for the airbag system. When using a tester on these circuits, follow the cautions of "AIRBAG SYSTEM". <Ref. to AB-9, CAUTION, General Description.>
 - Be careful not to damage the airbag system wiring harness when servicing the electrical parts around the steering column.
- When removing, installing or replacing the VDCCM&H/U, VDCCM&H/U bracket, steering wheel or steering angle sensor (steering roll connector), perform "VDC sensor midpoint setting mode" of the VDC. <Ref. to VDC-16, VDC SENSOR MIDPOINT SETTING MODE, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

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D: PREPARATION TOOL

1. SPECIAL TOOL

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

2. GENERAL TOOL

TOOL NAME	REMARKS
Circuit tester	Used for measuring resistance and voltage.