

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	Stepping motor type	Combination meter	—	
Tachometer				
Engine coolant temperature gauge				
Fuel gauge				
ABS warning light	LED	Combination meter	On/Off	
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 switch Generator Rear differential oil temperature switch Turn signal and hazard unit Body integrated unit Auto headlight beam leveler CM	Turns on or off according to module control
Oil pressure warning light				
Charge warning light				
Rear differential oil temperature warning light				
Turn signal indicator light				
Security/immobilizer indicator light				
Auto leveler warning light	Combination meter/ brake fluid level switch/combination meter	On/Turns on or off according to module control		
Parking brake/brake fluid level/vacuum pump warning light				

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Meter, display	Operation method, display method	Drive control	When checking the indicator needle operation/needle reading operation
ODO indicator	TFT	Combination meter	—
Trip indicator			
ECO gauge			
Select lever / shift position indicator			
SI-DRIVE mode indicator			
Information (intervention) display & indicator			
DCCD mode indicator			
Cruise control system indicator <ul style="list-style-type: none"> • 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	LED
Passenger's airbag OFF indicator light	
Passenger's seat belt warning light	

B: LOCATION

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

C: CAUTION

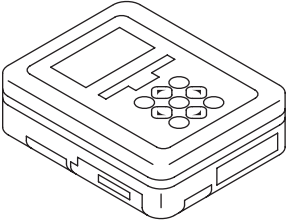
- Before disconnecting connectors of sensors or units, be sure to disconnect the ground cable from battery. When replacing the audio and MFD parts provided with memory functions, record the memory contents before disconnecting the battery ground cable.
- Use gloves to avoid damage to and get fingerprints 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	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.