

General Description

INSTRUMENTATION/DRIVER INFO

1. General Description

A: SPECIFICATION

1. COMBINATION METER

- Model with normal meter

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					
Fuel gauge					
CVT/ATF temperature warning light	LED	Combination meter	On/Off		
ABS warning light					
Seat belt warning light					
AWD warning light					
Airbag warning light					
Low engine oil warning light					
Low washer warning light					
Tire pressure warning light*					
Malfunction indicator light					
Hill hold ON indicator light					
VDC warning light/VDC operation indicator light					
VDC OFF indicator light					
High beam indicator light					
Lighting indicator light					
Front fog light indicator light					
Meter illumination back light					
LCD back light					
Engine coolant temperature warning light (red)			Oil pressure switch	Turns on or off according to module control	Light ON
Engine coolant temperature indicator light (blue)					On (red)/Off
Fuel level warning light					Off/On (blue)
Oil pressure warning light					On/Off (area near the E mark is illuminated)
Charge warning light			Generator	Turns on or off according to module control	
Turn signal indicator light			Turn signal and hazard unit		
Security/immobilizer indicator light	Body integrated unit				
Parking brake/brake fluid level/EPB warning light	Combination meter/brake fluid level switch	On/Turns on or off according to module control			
Odo/Trip indicator	LCD	Combination meter	—		
Shift indicator					
Select lever position indicator					
Door open/vehicle frame indicator					
CRUISE indicator					
SET indicator					

General Description

- Model with luminescent meter

Meter, display	Operation method, display method	Drive control	When checking the indicator needle operation/needle reading operation	
Speedometer	Stepping motor type	Combination meter	—	
Tachometer				
Fuel gauge				
Engine coolant temperature gauge				
CVT/ATF temperature warning light	LED	Combination meter	On/Off	
ABS warning light				
Seat belt warning light				
Door warning light				
AWD warning light				
Airbag warning light				
Low engine oil warning light				
Tire pressure warning light*				
Malfunction indicator light				
Hill hold ON indicator light (dimmed at one level)				
VDC warning light/VDC operation indicator light				
VDC OFF indicator light				
High beam indicator light				
Lighting indicator light				
Front fog light indicator light				
Lane departure warning OFF indicator light (models with EyeSight)				
Pre-collision brake OFF indicator light (models with EyeSight)				
Meter illumination back light				Light ON
TFT back-up light				
Fuel level warning light				On/Off (area near the E mark is illuminated)
Oil pressure warning light				
Charge warning light		Oil pressure switch	Turns on or off according to module control	
Turn signal indicator light		Generator		
		Turn signal and hazard unit		
Security/immobilizer indicator light		Body integrated unit		
Parking brake/brake fluid level warning light/EPB warning light		Combination meter/brake fluid level switch	On/Turns on or off according to module control	

General Description

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Meter, display	Operation method, display method	Drive control	When checking the indicator needle operation/needle reading operation
Odo/Trip indicator	TFT	Combination meter	—
ECO gauge			
Shift indicator			
Select lever position indicator			
Information (intervention) display & indicator			
Cruise control system indicator <ul style="list-style-type: none"> • Constant speed cruise • SET • Set speed 			
EyeSight system indicator <ul style="list-style-type: none"> • Adaptive cruise • SET • READY • EyeSight warning • EyeSight temporary stop • OFF • HOLD • Preceding vehicle • Following distance setting • Set speed • Traffic lane • Steering wheel 			

* : U4, U5 and U6 models

2. CLOCK

Display	Display method
Cruising distance, average fuel economy, instantaneous fuel economy, ambient temperature, current time	VFD
Passenger's airbag ON indicator	LED
Passenger's airbag OFF indicator	
Passenger's airbag indicator*	
Passenger's seat belt warning light	

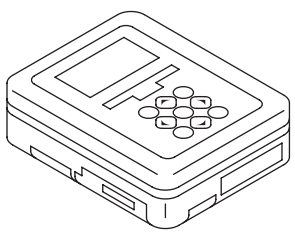
* : U4, U5 and U6 models

B: 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 the functional parts operate normally.
- When the combination meter of model without keyless access has been replaced, be sure to perform the registration of immobilizer.

C: PREPARATION TOOL

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST1B022XU0	1B022XU0	SUBARU SELECT MONITOR III KIT	Used for troubleshooting the electrical system.

2. GENERAL TOOL

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