

General Diagnostic Table

BODY CONTROL SYSTEM (DIAGNOSTICS)

14.General Diagnostic Table

A: INSPECTION

Using the Subaru Select Monitor, read DTC, or check the following data on the current data display to make judgments.

Item	Operation	Specifications		Note
		YES	NO	
Diagnostic code	DTC is not displayed when inspecting all DTCs.	DTC is not displayed.	Perform the diagnosis according to DTC.	—
Clearance light (Low beam) (High beam)	Clearance light and low/high beams illuminate normally when the switch is operated. Indicator in the meter illuminates at the same time.	System is normal.	Check the lighting system, combination meter system and LAN system.	—
Auto light	When the area around the light control sensor is darkened after the ignition switch and the lighting switch (AUTO) are turned to ON, the clearance light and the low beam illuminate after 5 seconds. Indicator in the combination meter illuminates at the same time.	System is normal.	Check the lighting system, combination meter system and LAN system.	—
	When the ignition switch and the lighting switch (AUTO) are turned to ON after the area around the light control sensor is darkened, the clearance light and the low beam illuminate immediately. Indicator in the combination meter illuminates at the same time.			—
Fog light	Front and rear fog lights illuminate when the switch is operated. Indicator in the meter illuminates at the same time.	System is normal.	Check the lighting system, combination meter system and LAN system.	Rear fog light operates when "Rear fog light setting" of the body integrated unit is set to on.
Rear defogger	Rear defogger operates when the switch is operated. The indicator illuminates at the same time.	System is normal.	Check the rear window defogger system and A/C system.	—
Wiper deicer	Wiper deicer operates by operating the switch. The indicator illuminates at the same time. When the ambient temperature is 5°C (41°F) or higher, press the switch 3 seconds or more to forcibly activate the system.	System is normal.	Check the wiper deicer system and A/C system.	Wiper deicer operates when "Wiper deicer setting" of the body integrated unit is set to on.
DRL	After starting the engine and releasing the parking brake, the DRL illuminates.	System is normal.	Check the lighting system and LAN system.	—
Rear wiper	Rear wiper operates when the switch is operated.	System is normal.	Check wiper or washer system.	Depending on user customizing "Sedan/Wagon Setting" of the body integrated unit, vehicle sensory time varies.
Key interlock	<ul style="list-style-type: none"> Key cannot be removed in other than P range. Key can be removed in other than P range. 	System is normal.	Check the body control system.	—

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Item	Operation	Specifications		Note
		YES	NO	
Shift lock	The select lever can be moved from the P range to other ranges only when the brake pedal is depressed with IG ON.	System is normal.	Check the body control system.	—
Key warning switch alarm	When the driver's door is open without the key removed, the buzzer sounds.	System is normal.	Check the combination meter and body control system.	—
Door lock	The doors lock/unlock when the door switch is operated. Rear gate/trunk opens when the rear gate/trunk release switch is operated.	System is normal.	Check the security & lock and body control system.	If user customizing "Sedan/Wagon Setting" is different, trunk and rear gate do not open.
Keyless entry	The lock locks/unlocks when the keyless transmitter is operated. Trunk/rear gate unlocks when trunk/rear gate unlock button is operated.	System is normal.	Check the keyless entry and body control system.	—
Keyless access with push button start system	The lock locks/unlocks when the access key is operated. With the access key held, the touch sensor (lock) operation locks/touch sensor (unlock) operation unlocks. Rear gate unlocks when the rear gate unlock button is operated.	System is normal.	Check the keyless access with push button start system and the body control system.	—
Answer back	Answer-back operates when the keyless entry / keyless access with push button start system locks/unlocks.	System is normal.	Check the security & lock, keyless access with push button start system, and LAN system.	—
Room light	Turns ON/OFF according to the door open/close operation, the lock/unlock operation with the keyless entry/keyless access with push button start system, and the ignition operation.	System is normal.	Check the room light system, security & lock, keyless access with push button start system, and LAN system.	For vehicle with the keyless access with push button start system, the room light blinks when "Factory mode" is selected. For vehicles with the keyless entry, the room light blinks when the keyless registration mode connector is connected.
Map light	Turns ON/OFF according to the door open/close operation, the lock/unlock operation with the keyless entry/keyless access with push button start system, and the ignition operation. (Except for rear gate)	System is normal.	Check the spot map light, security & lock, keyless access with push button start system, and LAN system.	For vehicle with the keyless access with push button start system, the map light blinks when "Factory mode" is selected. For vehicles with the keyless entry, the map light blinks when the keyless registration mode connector is connected.

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		YES	NO	
Luggage/trunk light	The light illuminates/goes off according to the rear gate open/close. The light goes off when the doors are locked with the keyless entry/keyless access with push button start system and the ignition is turned ON while the luggage light is dimming after the rear gate is closed.	System is normal.	Check the luggage/trunk light, security & lock, keyless access with push button start system, and LAN system.	For vehicles with the keyless access with push button start system, the luggage/trunk light blinks when "Factory" mode is selected. For vehicles with the keyless entry, the luggage/trunk light blinks when the keyless registration mode connector is connected.
Key illumination	The light illuminates/goes off according to the driver's door open/close. The light goes off, when the doors are locked with the keyless entry/keyless access with push button start system and the ignition is turned ON while illuminating.	System is normal.	Check the ignition switch illumination, security & lock, and LAN system.	For vehicles with keyless entry, the key illumination blinks when "Factory" mode is selected.
Illumination control	Illumination volume control is available.	System is normal.	Check the illumination control switch, combination meter, and body control system.	Illumination volume control is not available when user customizing "Illumination Control On/Off" of the body integrated unit is set to off.
Engine start	Engine starts.	System is normal.	Check the engine system, immobilizer, and LAN system.	—
Vehicle security	Security monitoring/security canceling can be performed by operating the keyless entry/keyless access with push button start system.	System is normal.	Check the security & lock, keyless access with push button start system, and LAN system.	Security monitoring starts and at the same time the warning buzzer sounds, when impact sensor is not connected and user customizing "Impact Sensor" of the body integrated unit is set to on.

General Diagnostic Table

BODY CONTROL SYSTEM (DIAGNOSTICS)

WIRING SYSTEM SECTION

WIRING SYSTEM	WI(w/o HEV)
WIRING SYSTEM	WI(HEV)

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

WIRING SYSTEM

WI(w/o HEV)

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