

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 15 seconds. Indicator in the combination meter illuminates at the same time.	System is normal.	Check the lighting system, combination 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 fog light illuminates 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 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 when the switch is operated. 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	- 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.	—

General Diagnostic Table

BODY CONTROL SYSTEM (DIAGNOSTICS)

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.	—
Answer back	Answer-back operates when the keyless entry locks/unlocks.	System is normal.	Check the security & lock system, and LAN system.	—
Room light	The light illuminates/goes off according to the door open/close.	System is normal.	Check the room light system, security & lock system, and LAN system.	—
Map light	The light illuminates/goes off according to the door open/close. (Except for rear gate)	System is normal.	Check the spot map light, security & lock system, and LAN system.	—
Luggage/trunk light	The light illuminates/goes off according to the rear gate open/close.	System is normal.	Check the luggage/trunk light, security & lock system, and LAN system.	—
Key illumination	The light illuminates/goes off according to the driver's door open/close.	System is normal.	Check the ignition switch illumination, security & lock, and LAN system.	—
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.	System is normal.	Check the security & lock 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.

WIRING SYSTEM SECTION

WIRING SYSTEM

WI

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

	Page
1. Basic Diagnostic Procedure	3
2. Working Precautions	14
3. Power Supply Circuit	15
4. Ground Circuit	23
5. Airbag System	30
6. Air Conditioning System	35
7. Audio System	42
8. Back-up Light System	45
9. CAN Communication System	46
10. Charging System	48
11. Clearance Light and Illumination Light System	49
12. Combination Meter System	54
13. Coolant Temperature System	59
14. Cruise Control System	61
15. CVT Control System	66
16. Electric Power Steering System	73
17. Engine Electrical System	74
18. Front Accessory Power Supply Socket System	88
19. Front Fog Light System	89
20. Front Wiper and Washer System	90
21. Fuel Gauge System	92
22. Headlight Beam Leveler System	93
23. Headlight System	95
24. Horn System	99
25. Immobilizer System	100
26. Interior Light System	101
27. Keyless Entry System	104
28. Multi-function Display (MFD) System	108
29. Navigation System	110
30. Occupant Detection System	113
31. Oil Pressure Warning Light System	114
32. Parking Brake / Brake Fluid Level Warning Light System	115
33. Power Window System	116
34. Radiator Fan System	120
35. Rear Accessory Power Supply Socket System	121
36. Rear Defogger System	122
37. Rearview Camera System	123
38. Rearview Mirror System	129
39. Rear Wiper and Washer System	130
40. Remote Control Mirror System	132
41. Remote Engine Start System	133
42. Seat Belt Warning System	136
43. Seat Heater System	137
44. Security System	138
45. Shift Lock Control System	142

46.	Speedometer System	143
47.	Starter System	144
48.	Stop Light System	145
49.	Sunroof Control System	147
50.	Tire Pressure Monitoring System	148
51.	Turn Signal Light and Hazard Light System	149
52.	Vehicle Dynamics Control System	152
53.	Wiper Deicer System	157
54.	Harness Components Location	158
55.	Front Wiring Harness	160
56.	Bulkhead Wiring Harness (In Engine Compartment)	162
57.	Bulkhead Wiring Harness (In Compartment)	164
58.	Engine Wiring Harness and Transmission Cord	167
59.	Instrument Panel Wiring Harness	169
60.	Rear Wiring Harness	171
61.	Door Cord	173
62.	Rear Wiring Harness and Trunk Lid Cord	175
63.	Rear Wiring Harness and Rear Gate Cord	177