

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



	Page
1. Basic Diagnostic Procedure	3
2. Working Precautions	18
3. Fuse And Relay	20
4. Power Supply Circuit	24
5. Ground Circuit	40
6. Airbag System	55
7. Air Conditioning System	67
8. Audio System	77
9. Back-up Light System	87
10. CAN Communication System	91
11. Charging System	99
12. Clearance Light and Illumination Light System	103
13. Combination Meter System	110
14. Coolant Temperature System	122
15. Cruise Control System	128
16. CVT Control System	138
17. Electric Power Steering System	157
18. Engine Electrical System	160
19. EyeSight System	232
20. Front Accessory Power Supply Socket System	244
21. Front Fog Light System	246
22. Front Wiper and Washer System	249
23. Fuel Gauge System	252
24. Headlight Beam Leveler System	254
25. Headlight System	257
26. Horn System	261
27. Immobilizer System	263
28. Interior Light System	269
29. Keyless Access System	273
30. Keyless Entry System	283
31. Multi-function Display (MFD) System	288
32. Navigation System	291
33. Occupant Detection System	301
34. Oil Pressure Warning Light System	304
35. Parking Brake / Brake Fluid Level Warning Light System	306
36. Power Rear Gate System	308
37. Power Seat System	313
38. Power Window System	315
39. Push Button Start System	325
40. Radiator Fan System	339
41. Rear Accessory Power Supply Socket System	343
42. Rear Defogger System	345
43. Rearview Camera System	347
44. Rearview Mirror System	350
45. Rear Wiper and Washer System	352

46.	Remote Control Back Rest System	355
47.	Remote Control Mirror System	357
48.	Remote Engine Start System	359
49.	Seat Belt Warning System	367
50.	Seat Heater System	370
51.	Security System	372
52.	Shift Lock Control System	382
53.	Speedometer System	385
54.	Starter System	387
55.	Stop Light System	395
56.	Sunroof Control System	400
57.	Tire Pressure Monitoring System	402
58.	Turn Signal Light and Hazard Light System	405
59.	Vacuum Pump Control System	409
60.	Vehicle Dynamics Control System	412
61.	Wiper Deicer System	424
62.	Harness Components Location	426
63.	Front Wiring Harness	427
64.	Bulkhead Wiring Harness (In Engine Compartment) RH	429
65.	Bulkhead Wiring Harness (In Engine Compartment) LH	431
66.	Bulkhead Wiring Harness (In Compartment) RH	433
67.	Bulkhead Wiring Harness (In Compartment) LH	437
68.	Engine Wiring Harness and Transmission Cord	443
69.	Instrument Panel Wiring Harness RH	449
70.	Instrument Panel Wiring Harness LH	451
71.	Roof Cord	453
72.	Rear Wiring Harness RH	455
73.	Rear Wiring Harness LH	457
74.	Door Cord RH	459
75.	Door Cord LH	461
76.	Rear Wiring Harness and Rear Gate Cord	463