

# General Diagnostic Table

## BODY CONTROL SYSTEM (DIAGNOSTICS)

### 15. 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 trouble 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 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"> <li>• Key cannot be removed in other than P range.</li> <li>• Key can be removed in other than P range.</li> </ul>	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	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 by operating the rear gate unlock button.	System is normal.	Check the keyless access and body control system.	—
Answer back	Answer-back operates when the keyless entry/keyless access locks/unlocks.	System is normal.	Check the security & lock, keyless access with push button start system, and LAN system.	—
Room light	ON/OFF according to the door open/close operation, the lock/unlock operation with the keyless entry/keyless access, 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 vehicles with the keyless access, 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	ON/OFF according to the door open/close operation, the lock/unlock operation with the keyless entry/keyless access, 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 vehicles with the keyless access, 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.
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 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.

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		YES	NO	
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.	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.
Welcome lighting (enter)	When dimming out around the light control sensor after turning the lighting switch (AUTO) to ON, use keyless transmitter or access key to unlock. At this time, the clearance light and headlight low beam illuminates for the preset time. And, use keyless transmitter or access key to lock. At this time, the clearance light and headlight low beam go off.	System is normal.	Check the lighting system (auto light), security & lock (keyless entry) or keyless access with push button start system.	Operates when user customization item "Illumination Sensor Setting" in body integrated unit is set to ON and "Welcome Light Off Delay Time(Approaching)" is set to other than OFF.
Welcome lighting (exit)	The clearance light and headlight low beam continues to illuminate when the ignition switch is OFF (or when the key is removed for vehicles without keyless access) while the auto light function is operating. Use keyless transmitter or access key to lock two consecutive times. At this time, the clearance light and headlight low beam go off.	System is normal.	Check the lighting system (auto light), security & lock (keyless entry) or keyless access with push button start system.	Operates when user customization item "Illumination Sensor Setting" in body integrated unit is set to ON and "Welcome Light Off Delay Time(Exiting)" is set to other than OFF.

**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



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	<b>Page</b>
1. Basic Diagnostic Procedure .....	3
2. Working Precautions .....	18
3. Fuse And Relay .....	20
4. Power Supply Circuit .....	28
5. Ground Circuit .....	60
6. Airbag System .....	73
7. Air Conditioning System .....	79
8. Audio System .....	84
9. Back-up Light System .....	104
10. CAN Communication System .....	110
11. Charging System .....	113
12. Clearance Light and Illumination Light System .....	115
13. Combination Meter System .....	127
14. Coolant Temperature System .....	133
15. Cruise Control System .....	137
16. CVT Control System .....	148
17. Driver's Control Center Differential Control System .....	156
18. Electric Power Steering System .....	159
19. Engine Electrical System .....	162
20. Front Accessory Power Supply Socket System .....	237
21. Front Fog Light System .....	239
22. Front Wiper and Washer System .....	242
23. Fuel Gauge System .....	248
24. Headlight Beam Leveler System .....	250
25. Headlight System .....	253
26. Horn System .....	257
27. Immobilizer System .....	259
28. Interior Light System .....	271
29. Keyless Access System .....	275
30. Keyless Entry System .....	295
31. Multi-function Display (MFD) System .....	300
32. Navigation System .....	303
33. Occupant Detection System .....	315
34. Oil Pressure Warning Light System .....	318
35. Parking Brake / Brake Fluid Level Warning Light System .....	320
36. Power Seat System .....	322
37. Power Window System .....	324
38. Push Button Start System .....	329
39. Radiator Fan System .....	340
40. Rear Accessory Power Supply Socket System .....	344
41. Rear Defogger System .....	346
42. Rear Differential Oil Temperature Warning Light System .....	348
43. Rearview Camera System .....	350
44. Rearview Mirror System .....	353
45. Remote Control Mirror System .....	357

46.	Remote Engine Start System .....	359
47.	Seat Belt Warning System .....	367
48.	Seat Heater System .....	370
49.	Security System .....	374
50.	Shift Lock Control System .....	384
51.	Speedometer System .....	387
52.	Starter System .....	389
53.	Stop Light System .....	397
54.	Sunroof Control System .....	401
55.	Tire Pressure Monitoring System .....	403
56.	Turn Signal Light and Hazard Light System .....	406
57.	Vacuum Pump Control System .....	409
58.	Vehicle Dynamics Control System .....	412
59.	Wiper Deicer System .....	417
60.	Harness Components Location .....	419
61.	Front Wiring Harness .....	420
62.	Bulkhead Wiring Harness (In Engine Compartment) RH .....	424
63.	Bulkhead Wiring Harness (In Engine Compartment) LH .....	428
64.	Bulkhead Wiring Harness (In Compartment) RH .....	432
65.	Bulkhead Wiring Harness (In Compartment) LH .....	436
66.	Engine Wiring Harness and Transmission Cord .....	442
67.	Instrument Panel Wiring Harness RH .....	447
68.	Instrument Panel Wiring Harness LH .....	449
69.	Roof Cord .....	451
70.	Rear Wiring Harness RH .....	453
71.	Rear Wiring Harness LH .....	455
72.	Door Cord RH .....	457
73.	Door Cord LH .....	459
74.	Rear Wiring Harness and Trunk Lid Cord .....	461
75.	Antenna Cord .....	463