13.General Diagnostic Table

A: INSPECTION

Item	Operation	Specifications		Index
		YES	NO	
Diagnostic code	DTC is not displayed when inspecting all DTCs.	System is normal.	Perform the diagnosis according to DTC.	—
Engine coolant temperature	Engine coolant temperature gauge displays correctly without engine coolant temperature warning light illuminating/blinking.	System is normal.	Refer to the following to check. • Engine cooling system • LAN system	If three data values are different when display the current data of ECM, TCM and body integrated unit, it is possible that driving system CAN is malfunction.
Remaining fuel level	Fuel gauge displays correctly without low fuel warning light remaining illuminated.	System is normal.	Refer to the following to check. • Combination meter system • LAN system	If the values of “Fuel level resistance” and “Fuel level resistance 2” are different when display the current data of body integrated unit, it is possible that body integrated unit is malfunction.
ATF temperature warning light	ATF temperature warning light is free from illuminating/blinking.	System is normal.	Refer to the following to check. • Automatic transmission • Shift lock control system • LAN system	Warning light also blinks when DTC: B1106 occurs.
EBD warning light ABS warning light VDC warning light Hill start assist warning light	EBD warning light/ABS warning light/VDC warning light/Hill start assist warning light are free from ON/OFF all the time.	System is normal.	Refer to the following to check. • VDC (diagnostics) • Parking brake • Combination meter system • LAN system	—
Shift position	Meter display of shift position is correct. Shift position changes when switch the shift (up/down) on manual mode.	System is normal.	Refer to the following to check. • Automatic transmission • Combination meter system • LAN system	—
Clearance light Low beam High beam	Clearance light/low beam/high beam illuminate correctly by switch operation. Indicator in the meter illuminates when clearance light/high beam are illuminating.	System is normal.	Refer to the following to check. • Lighting system • Combination meter system • LAN system	—
Fog light	Fog light illuminates correctly by switch operation. Indicator in the meter illuminates when each fog light is illuminating.	System is normal.	Refer to the following to check. • Lighting system • Combination meter system • LAN system	—

Item	Operation	Specifications		Index
		YES	NO	
DRL	DRL operates correctly.	System is normal.	Refer to the following to check. • Lighting system • LAN system	—
Key interlock	Key cannot be removed in other than P range. Key can be removed in P range.	System is normal.	Refer to the following to check. • Shift lock control system • LAN system	—
Shift Lock	Shift operation is normal.	System is normal.	Refer to the following to check. • Shift lock control system • Combination meter system • LAN system	—
Key warning switch alarm	Alarm sounds when driver's door is open with the key removed.	System is normal.	Refer to the following to check. • Combination meter system • LAN system	—
Seat belt warning alarm	Indicator in the meter illuminate and alarm sounds when driver's seat belt is not worn. Indicator in the clock illuminates. When passenger's seat is occupied without passenger's seat belt worn. Alarm sounds when vehicle speed is approx. 15 km/h without seat belt fastened.	System is normal.	Refer to the following to check. • Seat belt warning system • Combination meter system • LAN system	—
Rear window defogger	Rear window defogger operates by operating the switch. Indicator in the switch illuminates when rear window defogger is operating.	System is normal.	Refer to the following to check. • Rear window defogger • A/C control module	—
Wiper deicer	Wiper deicer operates by operating the switch. (When the outside temperature is 5° or higher, press the switch for three seconds or more to operate forcibly, otherwise the wiper deicer operation will be cancelled.)	System is normal.	Refer to the following to check. • Wiper deicer system • A/C control module	—
Rear wiper	Rear wiper operates by operating the switch.	System is normal.	Refer to the following to check. • Wiper and washer system	Vehicle speed response time varies depending on the condition of customization of the body integrated unit "Sedan/Wagon Setting".
Door lock	Lock/unlock operates by operating the central door lock switch. Rear gate opens by operating the rear gate opener button.	System is normal.	Refer to the following to check. • Security and locks • LAN system	Rear gate cannot open by operating the rear gate opener button when customization of the body integrated unit "Sedan/Wagon Setting" is set to "Sedan".

Item	Operation	Specifications		Index
		YES	NO	
Keyless Entry	Lock/unlock operates by operating the keyless transmitter. Trunk/rear gate unlocks by operating the trunk opener button and rear gate lock/unlock button.	System is normal.	Refer to the following to check. • Security and locks • LAN system	Rear gate swung to open by operating the trunk/rear gate unlock button when customization of the body integrated unit “Sedan/Wagon Setting” is set to “Sedan”.
Answer back	Answer back operates by operating lock/unlock with the keyless entry.	System is normal.	Refer to the following to check. • Security and locks • LAN system	—
Room light	ON/OFF according to the door open/close operation, the lock/unlock operation with the keyless entry, and the ignition operation.	System is normal.	Refer to the following to check. • Room light system • Security and locks • LAN system	—
Map light (model with sunroof)	ON/OFF according to the door open/close operation except rear gate, the lock/unlock operation with the keyless entry, and the ignition operation.	System is normal.	Refer to the following to check. • Spot map light • Security and locks • LAN system	—
Key illumination	ON/OFF according to the driver’s door open/close operation, the lock/unlock operation with the keyless entry, and the ignition operation.	System is normal.	Refer to the following to check. • Ignition switch illumination • Security and locks • LAN system	Key illumination blinks when customization of the body integrated unit “Factory or Market setting” is set to “Factory” for models with keyless entry.
Illumination control	Illumination volume control is available.	System is normal.	Refer to the following to check. • Combination meter system • LAN system	Lighting adjustment is not possible when customization of the body integrated unit “Illumination Control On/Off” is set to “Off”.
Engine start	Engine starts normally.	System is normal.	Refer to the following to check. • Engine (diagnostics) • Immobilizer • LAN system	—
Vehicle security	When locked by the keyless entry, security monitor condition starts. When unlocked by the keyless entry, security is released.	System is normal.	Refer to the following to check. • Security and locks • LAN system	When the “Impact sensor” setup is set to “ON” without connecting the impact sensor (dealer option), the alarm operates as soon as security monitor condition occurs.

WIRING SYSTEM SECTION

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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