

Registration Body Integrated Unit

LAN SYSTEM (DIAGNOSTICS)

11.Registration Body Integrated Unit

A: OPERATION

1. CONFIRMATION OF CURRENT SETTING

- 1) On the «Main Menu» display screen, select {Each System Check}.
- 2) On the «System Selection Menu» display screen, select the {Integ. unit mode}.
- 3) On the «Integ. unit mode failure diag» display screen, select the {Current Data Display & Save}.
- 4) Using the scroll key, scroll the display screen up or down until the desired data is shown.
- 5) Display the following item and record the settings.

Required items for new registration (Except for system not equipped)

Contents	Item to confirm				Remarks
Key No. to register	1	2	3	4	Registered ID type
Off delay	OFF	Long	Normal	Short	Setting for lighting off time
Auto lock	60, 50, 40, 30, 20		OFF		(Unit: seconds)
Rr defogger op. mode	Normal		Continuous		
Wiper deicer op. mode	Normal		Continuous		Option setting
Security Alarm Setup	ON		OFF		
Impact Sensor Setup	ON		OFF		Option setting
Alarm delay setup	ON		OFF		
Lockout prevention	ON		OFF		
Impact sensor	support		no support		Option setting
Answer-back buzzer setup	ON		OFF		
Hazard answer-back setup	ON		OFF		
Automatic locking setup	ON		OFF		
Ans.-back Buzzer	support		no support		
Auto locking	support		no support		
Initial button setting	Execution		-		
Initial Security setting	Execution		-		
Select unlock switch	Selection		ALL		
Passive Alarm	ON		OFF		
Door open warning (prevention of battery run-out)	support		no support		
Dome Light Alarm Setting	ON		OFF		
Belt Warning Switch	ON		OFF		Switch the belt warning lighting and the buzzer sound.
A/C ECM setting	support		no support		Model with auto A/C
wiperdeicer	support		no support		Option setting
Rear fog light setting	support		no support		Not supported
Illumination Control On/Off	support		no support		Not supported
Sedan/Wagon Setting	Sedan		Wagon		
MT/AT Setting	AT		MT		
6MT Setting	6MT		Other than 6MT		
Destination Setting					
Factory or Market setting	Factory		Market		Do not change to factory mode.

2. REGISTRATION BODY INTEGRATED UNIT (EQUIPMENT SETTING)

CAUTION:

Body integrated unit is core of LAN system, and also can select the function of all vehicle system control. It is possible to control the original functions of vehicle when registrations of body integrated unit and function setting are corresponded to vehicle equipment.

If registrations and function setting are different from vehicle equipment, vehicle system does not operate normally and diagnosis cannot be performed correctly. Pay attention to following item.

- Be sure to correspond registrations and function settings to vehicle equipment.
- Do not change the settings of vehicle improperly.
- Confirm key illumination does not blink or “Factory or Market setting” of body integrated unit registrations is “Market”. If “Factory or Market setting” is set to “Factory,” key illumination blinks when ignition key is turned ON, to notify that the settings are unconfirmed.
- Key illumination does not blink with ignition switch turned to ON and go off with door closed.
- Be sure to register immobilizer if body integrated unit is replaced with a new part. (models with immobilizer)
- Make a registration of immobilizer when the parts related to immobilizer have been replaced. Refer to the “PC application help for Subaru Select Monitor”.

- 1) On the «Main Menu» display screen, select {Each System Check}.
 - 2) On the «System Selection Menu» display screen, select the {Integ. unit mode}.
 - 3) Click the [OK] button after the control module name {Integ. Unit} is displayed.
 - 4) On the «Integ. unit mode failure diag» display screen, select the {ECM customizing}.
 - 5) Change the setting with UP/DOWN key.
- List of body integrated unit registration item

NOTE:

Setting is different depending on the grade of vehicle.

Data	Initial setting	Registration	Remarks
A/C ECM setting	OFF	ON	Illumination control does not operate if A/C ECM setting is set to “OFF” in case of model with auto A/C.
		OFF	If A/C ECM setting is set to “ON” in case of model without auto A/C, illumination change to night illumination and it is difficult to be recognized.
wiperdeicer (manufacturer option)	OFF	ON	ON signal does not output with operation of wiper deicer switch if wiper deicer is set to “OFF” in models with a wiper deicer.
		OFF	
Rear fog light setting	OFF	ON	Can not set to ON.
		OFF	Vehicle is controlled in rear fog light non-equipped mode. (Always set to “OFF” for vehicles not equipped with the rear fog light.)
Illumination Control On/Off	ON	ON	Lighting adjustment is not possible when “OFF” is set for the model with illumination volume control.
		OFF	
Sedan/Wagon Setting	Wagon	Wagon	Door lock/unlock is controlled with wagon setting.
		Sedan	Door lock/unlock is controlled with sedan setting.
MT/AT Setting	AT	MT	Shift lock solenoid and key lock solenoid are not controlled.
		AT	Shift lock solenoid and key lock solenoid are controlled.
6MT Setting	Other than 6MT	6MT	Change to 6MT is possible when MT is set.
		Other than 6MT	
Factory or Market setting (Reset of body integrated unit)	Factory	Factory (Reset)	If Factory or Market setting is set to “Factory”, registrations of items above is changed to “OFF”. Be sure to set to “Market”.
		Market (Confirmed)	

Registration Body Integrated Unit

LAN SYSTEM (DIAGNOSTICS)

CAUTION:

- To perform normal operation of vehicle and diagnosis, the above settings must match the actual vehicle equipment.
- When body integrated unit is a new part or “Factory” mode, key illumination blinks to show equipment settings have not been completed. Check the detailed procedures of function setting.
- Be sure not to change Factory or Market setting except installation of new body integrated unit.

NOTE:

“Factory” mode:

- Body integrated unit has not been set yet. It can be recognized by key illumination blinking with ignition switch turned to ON.
- All replacement body integrated units are set to Factory mode. When replacing a body integrated unit, be sure to perform the registration operation.

“Market” mode:

- Each settings have been set. It can be recognized by key ring illumination coming on in concocting with room light and going off with ignition switch turned to ON.

6) Perform the Factory or Market setting. On the «ECM customizing» display screen of Subaru Select Monitor, select the {Factory or Market setting}.

7) Change the mode from Factory to Market.

8) Change the Subaru Select Monitor system selection to «Immobilizer» to register the immobilizer key.

9) Perform the operation according to the “PC application help for Subaru Select Monitor”.

10) When key registration is completed, “Do you want to register remote engine start?” is displayed. Perform registration only for equipped models.

11) Perform the function setting (ECM customizing). <Ref. to LAN(diag)-22, OPERATION, Function Setting (Customize).>

NOTE:

For details concerning the operation procedure, refer to the “PC application help for Subaru Select Monitor”.