

Registration Body Integrated Unit

BODY CONTROL SYSTEM (DIAGNOSTICS)

10. Registration Body Integrated Unit

A: OPERATION

1. CONFIRM CURRENT SETTING

- 1) On «Main Menu» display, select {Others}.
- 2) On «Others» display, select {Customized Setting}.
- 3) Save the setting.

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

Item	Item to confirm				Remarks
	1	2	3	4	
number of regist.	1	2	3	4	Number of registered ID
Off delay time	OFF	Long	Normal	Short	Setting for lighting off time
Auto Light Sensitivity Adjustment	Dull	Normal (Standard)	Sensitive	Very sensitive	1st (slow) — 4th (fairly quick)
Rr defogger op. mode	Normal	Continuous			
Security Alarm Setup	ON	OFF			
Impact Sensor Setup	ON	OFF			Option setting
Alarm delay setup	ON	OFF			
Lockout prevention	ON	OFF			
Impact sensor	ON	OFF			Option setting
Answer-back buzzer setup	ON	OFF			
Hazard answer-back setup	ON	OFF			
Select unlock switch	Selection	ALL			
Passive Alarm	ON	OFF			
Door open warning	ON	OFF			
Dome Light Alarm Setting	ON	OFF			
Belt Warning Switch	ON	OFF			
A/C ECM setting	ON	OFF			
Line Navigation Setting	ON	OFF			Models with line navigation
wiperdeicer	ON	OFF			Option setting
Sedan/Wagon Setting	Wagon	Sedan			
MT/AT Setting	MT	AT			
6MT Setting	6MT	Other than 6MT			
Destination Setting	C0,C5	U4, U5, U6, C6			Set for CANADA model only.
Seat Memory Setting	ON	OFF			Option setting
Factory initial setting	Factory	Market			Do not change to factory mode.

2. REGISTRATION BODY INTEGRATED UNIT (FUNCTION SETTING)

CAUTION:

For the body integrated unit, function selection is available to control the entire vehicle systems. 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, or User Customizing settings to vehicle equipment.
- Do not change the settings of vehicle improperly.
- Make sure that the key illumination does not blink with ignition switch ON, or that the body integrated unit registration item, “Factory initial setting”, is set as “Market”. If “Factory initial setting” is set to “Factory”, key illumination blinks when the ignition switch is turned ON, to notify that the settings are not confirmed. (Except for model with keyless access)
- Key illumination does not blink with ignition switch turned to ON and go off with door closed. (Except for model with keyless access)
- Be sure to register immobilizer if body integrated unit is replaced with a new part.
- Make a registration of immobilizer when the parts related to immobilizer have been replaced. Refer to the “REGISTRATION MANUAL FOR IMMOBILIZER”.

- 1) On «Main Menu» display, select {Each System Check}.
- 2) On «System Selection Menu» display, select {Integ. unit mode}.
- 3) Click the [OK] button after the control module name (integrated unit) is displayed.
- 4) On «Integ. unit mode failure diag.» display, select {Integ. Unit customizing}.

NOTE:

For the vehicle requiring the destination setting, if the destination setting is not finished, display can not be shifted into customizing screen. <Ref. to BC(diag)-20, DESTINATION SETTING, OPERATION, Registration Body Integrated Unit.>

5) Change the setting to the contents saved at confirmation of current setting.

CAUTION:

- To perform normal operation of vehicle and diagnosis, the above settings must match the actual vehicle equipment.
- When the body integrated unit is new or in Factory mode, the key illumination blinks, and user customizing is incomplete. Check the user customizing settings. (If the vehicle is a model with keyless access, check with the current data of Subaru Select Monitor because no key illumination is available.)
- Be sure not to change Factory initial setting except when installing a 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. (Except for model with keyless access)
- 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 initial setting. On the «Unit customizing» display screen of Subaru Select Monitor, select the {Factory initial setting}.
- 7) Change the mode from Factory to Market.
- 8) Turn the ignition switch to OFF to settle the setting.
- 9) Change the Subaru Select Monitor system selection to «Immobilizer» to register the immobilizer key.
- 10) Perform the registration according to the procedures of the “REGISTRATION MANUAL FOR IMMOBILIZER”.
- 11) When key registration is completed, “Do you want to register remote engine start?” is displayed. Perform registration only for equipped models. (Except for model with keyless access)
- 12) Perform the User Customizing. <Ref. to BC(diag)-16, OPERATION, User Customizing.>

NOTE:

For detailed operation procedures, refer to “PC application help for Subaru Select Monitor”.

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3. DESTINATION SETTING

NOTE:

For the vehicle requiring the destination setting, if the destination setting is not finished, display can not be shifted into customizing screen.

Step	Check	Yes	No
1 CONFIRM CURRENT SETTING. Always perform confirmation of current setting before replacing the module. Record the contents of the "Destination Setting". NOTE: Refer to the "Read Current Data" and "CONFIRMATION OF CURRENT SETTING" to confirm the current setting. <Ref. to BC(diag)-18, CONFIRM CURRENT SETTING, OPERATION, Registration Body Integrated Unit.> <Ref. to BC(diag)-12, OPERATION, Read Current Data.>	Is the current setting recorded?	Go to step 2.	Confirm the current setting. Go to step 1.
2 CONFIRM DESTINATION SETTING. 1) Connect the Subaru Select Monitor, and run the application. 2) On «Main Menu» display, select {Each System Check}. 3) On the «System Selection Menu» display, select {Integ. unit mode}. 4) Select {Unit Customizing} from «Integ. unit mode». 5) The vehicle destination screen is displayed.	Is the vehicle destination setting screen displayed?	Go to step 3.	Go to step 4.
3 CONFIRM DESTINATION SETTING. Confirm the screen displayed on Subaru Select Monitor and the actual vehicle destination.	Do the screen and vehicle destination setting match?	Select [OK]. Go to step 8.	Select [Cancel]. Go to step 4.
4 CONFIRM SCREEN. "Select Parameter" is displayed on Subaru Select Monitor screen.	Is "Select Parameter" displayed on Subaru Select Monitor screen?	Go to step 5.	Go to step 8.
5 ENTER DESTINATION CODE. Enter the appropriate code in the screen. U4, U5, U6, C4, C6: U400 C0, C5: C000	Is the appropriate code entered?	Select [OK]. Go to step 6.	Enter the destination code. Go to step 5.
6 CONFIRM SCREEN. Check the screen displayed.	Is error screen displayed?	Enter the suitable code. Go to step 4.	Go to step 7.
7 CONFIRM SCREEN. Check the screen displayed.	Is there the entered destination among the destinations displayed in the screen?	Select [OK]. Go to step 8.	Select [Cancel]. Error screen is displayed, select [OK]. Go to step 4.
8 REGISTER VEHICLE EQUIPMENTS. Customizing screen is displayed. NOTE: Match the each item setting of body integrated unit registration item list with the vehicle equipments.	Do all setting contents match with the vehicle equipment specification?	Go to step 9.	Change the items until each content setting match with the vehicle equipments specification. Go to step 8.

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Step	Check	Yes	No
9 CONFIRM MARKET MODE. 1) Customizing screen, select the {Factory initial setting} to change the setting from "Factory" mode to "Market" mode. 2) Turn the ignition switch to OFF. NOTE: When the setting is changed from "Factory" mode to "Market" mode, turning the ignition switch from ON → OFF confirms the setting. 3) Turn the ignition switch to ON, and check the contents of settings.	Is the mode changed to "Market" mode?	Go to step 10 .	Perform the destination setting from the first step. Go to step 1.
10 CONFIRM MARKET MODE. Check that the engine starts.	Does the engine start?	Registration of body integrated unit is finished.	It is possible that harness malfunction may occur. Perform the diagnosis.