

CUSTOMIZE PARAMETERS

HINT:

The following can be customized.

NOTICE:

- **Be sure to record the current value before customizing.**
- **When troubleshooting, be careful, as customizing could turn off the function. (Example: If the wireless operation does not function, check that it has not been turned off by customizing.)**
- **In case of performing the troubleshooting, pay attention as there is a possibility that the function is OFF by customizing. (Example: In case of the symptom in which "The wireless operation does not function", check that the wireless operation is not OFF by customizing, then perform the troubleshooting.)**

TILT & TELESCOPIC:

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
AUTO TILT AWAY (Auto Away / Return Function)	ON	ON / OFF of the auto away / return function	ON / OFF

AIR CONDITIONER:

DISPLAY(ITEM)	DEFAULT	CONTENTS	SETTING
SET TEMP SHIFT (Set Temperature Shift)	NORMAL	To control with the shifted temperature against the display temperature.	+2C / +1C / NORMAL -1C / -2C
AIR INLET MODE (Air Inlet Mode)	AUTO	In case of turning the A/C ON when you desire to make the compartment cool down quickly, this is the function to change the mode automatically to RECIRCULATED mode.	MANUAL / AUTO
COMPRESSOR MODE (Compressor Mode)	AUTO	Function to turn the A/C ON automatically by pressing the AUTO button when the blower is ON and the A/C is OFF.	MANUAL / AUTO
COMERS/DEF OPER (Compressor/Air Inlet DEF Operation)	LINK	Function to turn the A/C ON automatically linking with the FRONT DEF button when A/C is OFF.	NORMAL / LINK
MOTOR INITIALIZ (Step Motor Initializing (IG/off))	OFF	Function to initialize the step motor after the ignition switch is OFF.	ON / OFF
EVAP CTRL (External Variable Control OFF)	AUTO	Function to set the evaporator control to the AUTOMATIC position (AUTO) to save power or to the coldest position (MANUAL) to dehumidify the air and to prevent the windows from fogging up.	MANUAL / AUTO
GAS SENS SHIFT (Shift Emission Gas Sensor Sensitivity)	NORMAL	Function to change the sensitivity of the exhaust gas sensor.	MU MORE / MORE / LI MORE / NORMAL / LI LESS / LESS / MU LESS
AUTO MODE (Cancel Auto Mode)	AUTO	Function to swing the vent vans automatically when A/C is ON.	MANUAL / AUTO
BUTTON PRS BUS (Cancel Operating Switch Sound)	ON	Function to sound a buzzer when a button is pressed.	OFF / ON
FILTER SENS (Shift Filter Clog Sensitivity)	NORMAL	Function to change the sensitivity of the air conditioning filter choking sensor.	LESS / NORMAL / MORE
FOOT AIR LEAK (Cancel Air Outlet Foot II)	ON	Function to cut off the airstream felt underfoot while the vehicle is moving.	OFF / ON

ILLUMINATED ENTRY:

DISPLAY(ITEM)	DEFAULT	CONTENTS	SETTING
LIGHTING TIME (Lighting Time)	15 s	Changes the lighting time after closing the doors (the light quickly fades out when the ignition switch is turned on).	7.5 s / 15 s / 30 s
ILLUMI SYSTEM (Operation of illumination)	AVAIL	Illuminates the step lamp, center console lamp and door inside handle illumination when the ignition switch is turned on, or the door is unlocked or opened.	AVAIL / NOT AVL
LIGHT CONTROL (Light control)	AVAIL	Illuminates the step lamp and door inside handle illumination when the ignition switch is turned on and the shift lever is in any position except P.	AVAIL / NOT AVL
ACC OFF CONTROL (Illumination system with ACC OFF)	AVAIL	Operates the illumination system when the ACC SW is off.	AVAIL / NOT AVL

LIGHT CONTROL:**HINT:**

Sensitivity adjustment can hardly be confirmed. Check by driving the customer's vehicle.

DISPLAY(ITEM)	DEFAULT	CONTENTS	SETTING
LIGHT OFF DELAY (Light auto OFF delay)	30 s	Keeps the headlamps on for a certain period of time after closing all the doors when the ignition switch is turned on, the light control switch is in the HEAD or AUTO position, and the headlamps are on.	OFF / 30 s / 60 s / 90 s
LIGHT CTRL TYPE (Control Type)	CURRENT	Changes the control logic when the light control switch is in the AUTO position. Refer to the illustration *1.	CURRENT / OLD
SENSITIVITY (Turn ON luminous intensity)	NORMAL	Adjusts the sensitivity of the lighting illumination. Refer to the illustration *2.	DARK2 / DARK1 / NORMAL / LIGHT1 / LIGHT2
RESPONSE TIME (Response time)	0.15 s	Changes the delay timing of the taillamp when entering a tunnel with the light control switch in the AUTO position.	1.0 s / 0.15 s
DISP EX ON SEN (Display extinction luminous intensity)	NORMAL	Changes the brightness when lowering lights such as the combination meter indicator lamp, A/C indicator lamp, and clock lamp. Refer to the illustration *3.	DARK2 / DARK1 / NORMAL / LIGHT1 / LIGHT2
DISP EX OFF SEN (Display extinction release luminous intensity)	NORMAL	Changes the brightness when lowering lights such as the combination meter indicator lamp, A/C indicator lamp, and clock lamp. Refer to the illustration *4.	DARK2 / DARK1 / NORMAL / LIGHT1 / LIGHT2
D/FOOT LIGHT T (Foot lamp set up (driver's side))	15 s	Set the period the foot light stays on (driver's side).	OFF / 7.5 s / 15 s / 30 s
P/FOOT LIGHT T (Foot lamp set up (passenger's side))	15 s	Set the period the foot light stays on (passenger's side).	OFF / 7.5 s / 15 s / 30 s

Illustration of *1

	Brightness of the surrounding when lighting	Lighting delay	Delay of turning light off	**2
OLD	Old logic	6 sec.	6 sec.	3 sec.
CURRENT	New logic **1 (‘97/8-)	15 sec.	15 sec.	15 sec.

**1: The new one has the logic to light up two times brighter than the old logic.

**2: Delay time until the headlight is turned on when it suddenly gets dark.

Illustration of *2

Lighting brightness	Dark ←————→ Bright
Setting	DARK2 ——— DARK1 ——— NORMAL ——— LIGHT1 ——— LIGHT2

Illustration of *3

Brightness of lowering the lights	Dark ←————→ Bright
Setting	DARK2 ——— DARK1 ——— NORMAL ——— LIGHT1 ——— LIGHT2

Illustration of *4

Brightness when canceling the lowering of the lights	Dark ←————→ Bright
Setting	DARK2 ——— DARK1 ——— NORMAL ——— LIGHT1 ——— LIGHT2

WIPER:

DISPLAY(ITEM)	DEFAULT	CONTENTS	SETTING
AUTO WIPE (Auto wipe)	AVAIL	Function to operate the wiper automatically when it is raining.	NOT AVAIL / AVAIL
INT OPER TIME (Intermittent operation time)	10s	Function to change the maximum time of intermittent operation which changes with the vehicle speed.	10s/15s/20s
REWIPE CONTROL (Rewipe Control)	SPD MOD	Function to change the time between end of washer motor operation and start of wiper operation to prevent streaking from washer fluid.	OFF / 3s / SPD MOD
SPEED MODE (Speed Mode)	AVAIL	Function to change to the intermittent operation when the vehicle comes to a stop(0 vehicle speed) from driving condition with the wiper switch in the LO position.	NOT AVAIL / AVAIL

THEFT DETERRENT SYSTEM:

Display (Item)	Default	Contents	Setting
Door Key Linked P/W Up	ON	Function that raises all power windows when, with ignition switch OFF, key is used to hold driver door key cylinder to lock position for more than 1.5 seconds	ON/OFF
Door Key Linked P/W Down	ON	Function that lowers all power windows when, with ignition switch OFF, key is used to hold driver door key cylinder to unlock position for more than 1.5 seconds	ON/OFF

ILLUMINATED ENTRY:

DISPLAY(ITEM)	DEFAULT	CONTENTS	SETTING
UNITS BY REGION	<ul style="list-style-type: none"> • ML/G US • ML/G UK • KM/L 	To change the the unit of the display.	(ML/G US) / (ML/G UK) / (KM/L)

WARNING:

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
F BUZ SPECIFIED (Front buzzer specified)	OFF	Function to make front buzzer sound when obstacles are within approximately 500 to 1,000 mm (19.69 to 39.37 in.) in the front of the vehicle.	ON / OFF
R BUZ SPECIFIED (Rear buzzer specified)	ON	Function to make rear buzzer sound when obstacles are within approximately 500 to 1,000 mm (19.69 to 39.37 in.) in the rear of the vehicle.	ON / OFF
NO MOVE BUZZ (No move judgement buzzer)	ON	Function to make buzzer sound when vehicle speed is 0 km/h and sensors detect obstacles.	ON / OFF
KEY BATTERY BUZ (Key battery buzzer)	ON	Function to make the warning available when the smart key battery is low.	ON / OFF
KEEP SENSE BUZ (Keep sense status buzzer)	ON	Function to make buzzer sound when distance between vehicle and obstacle does not change for more than 3 seconds.	ON / OFF
F&R BUZZER FREQ (Front & rear buzzer frequency)	1.0/1.5	Function to change frequency of front and rear buzzers.	(1/1.5)/(1.3/1.8)/(1.5/2)
F&R BUZZER VOLM (Front & rear buzzer volume)	M2	Function to change volume of front and rear buzzers.	L/M1/M2/M3/H

SENSOR:

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
R SENSOR (Rear sensor)	ON	Function to make 4 rear sensors available.	ON / OFF
REV RNG SENS (Reverse range sensor)	Fsde2,R	Function to set available sensors when shift position is R.	ALL / Fcrn4,R / Fsde2,R
NON-P/R RNG SEN (Non P/R range sensor)	F	Function to set available sensors when shift position is not P or R.	ALL / F,Rcrn2 / F
SENSOR COND/N (Sensor condition N range)	ON	Function to make sensors available when shift position is N.	OFF / ON
F SIDE DIST SEN (Front side distance sensor)	LONG	Function to change maximum distance that front side sensors are able to detect. (SHORT: 375 mm (14.76 in.), LONG: 500 mm (19.69 in.))	SHORT / LONG

DISPLAY:

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
APPRCH DISP OFF (Approach display off)	OFF	Function to make multi-information display turn off when vehicle starts to leave obstacles which are within approximately 250 mm (9.84 in.) of vehicle.	ON / OFF
DISP TIMEOUT (Display timeout time)	INVALID	Function to change time until multi-information display turns off when detected distance by sensors does not change.	5 s / 10 s / 20 s / INVALID
SONAR DISP OFF (Sonar display off time)	3 s	Function to change time until multi-information display turns off after sensors stop detecting obstacle.	1 s / 2 s / 3 s / 4 s

FRONT POWER SEAT:

Display (Item)	Default	Contents	Setting
HEADREST CONTROL	AVAIL	Function that activates the physique compensation headrest control when driver seat is moved (sliding).	NOT AVL/AVAIL

THEFT WARNING ECU:

Display (Item)	Default	Contents	Setting
UNLK/KEY TWICE (Unlock w/ 2 times D key operation)	ON	Function that unlocks only driver side door when driver side door key cylinder is turned to unlock once and unlocks all the doors when it is turned to unlock twice. In OFF setting, turning it once unlocks all doors.	ON/OFF
UNLOCK/PARK (Unlock w/ IG ON, shift P, speed 0 km/h (0 mph))	OFF	Function that unlocks doors when lever is shifted to P position from any position other than P while the ignition switch is ON.	ON/OFF
AUTO LOCK (ONCE) (Auto Lock (ONCE))	OFF	Function that locks the doors once when the vehicle speed reaches a certain level.	ON/OFF

THEFT WARNING ECU:

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
SMART IGNITION (Smart ignition)	Fr & Rr	Function that sets available areas for smart key to start engine and cancel steering lock.	Front/Fr & Rr
TRANSMIT INTVAL (Transmission interval)	300 ms	Function that sets smart key signal interval transmitted from outside of vehicle when vehicle is parked.	150ms/300ms/450ms/600ms
SMART TRUNK (Smart trunk)	ON	Function that opens trunk with smart key.	ON/OFF
SMART TRNK-KIN (Smart trunk key inside)	ON	Function that opens trunk automatically when trunk is closed with smart key left inside. If you forget that trunk is opened automatically by this function, it is possible vehicle may be stolen.	ON/OFF
P/W CONTROL (P/W control)	ON	Function that closes window by pressing trigger switch for more than 3 seconds,	ON/OFF
DOR OP-CL BUZ/P (door open-close buzzer/p)	ON	Function that makes warning available when smart key is taken outside vehicle, any door is opened and closed, shift position is P and ignition switch is pushed or in ACC or ON position.	ON/OFF
HALF LOCK BUZ (Half lock buzzer)	ON	Function that makes warning available when locking doors with smart key when doors are opened.	ON/OFF
KEY BATTERY BUZ (Key battery buzzer)	ON	Function that makes warning available when smart key cannot be identified.	ON/OFF
KEY NO FIT BUZ (Key no fit buzzer)	ON	Function that makes warning available when smart key cannot be identified.	ON/OFF
SMART BUZ NUM (Smart buzzer number)	3 TIMES	Function that sets number of times that wireless buzzer sounds, which warns that ignition switch is still on.	10 TIMES/7 TIMES /5 TIMES /3
SMART BUZ VOL (Smart buzzer volume)	MAX	Function that sets sound volume of wireless buzzer, which warns that ignition switch is still on.	MAX/MID 3/MID 2/MID 1/MIN/OFF

METER ECU:

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
KEY REMND VOLUM (Key reminder buzzer volume)	LARGE	Function that changes volume of key reminder buzzer.	LARGE/MEDIUM
KEY REMND SOUND (Key reminder buzzer sound)	NORMAL	Function that changes frequency of key reminder buzzer.	NORMAL/FAST/SLOW/0 s

WIRELESS DOOR LOCK (w/ SMART KEY):

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
Wireless Oper (Wireless Door Lock Control Function)	ON	Function that turns wireless door lock function ON/OFF.	ON/OFF
Hazard Ans Back (Hazard Answer-back of Wireless)	ON	When LOCK switch on transmitter is pressed, this function illuminates all hazard warning lamps once. When unlock switch is pressed, all hazard warning lamps illuminate twice.	ON/OFF
Up/Wireless*	ON	When LOCK switch on transmitter is held for 3 seconds, this function closes all door windows and sliding roof.	ON/OFF
Down/Wireless	ON	When UNLOCK switch on transmitter is held for 3 seconds, this function opens all door windows and sliding roof.	ON/OFF
Open Door Warn (Open Door Warning)	ON	If door is not completely closed and transmitter LOCK switch is pressed, this function makes buzzer sound for 10 seconds.	ON/OFF
Auto Lock Delay (Auto Lock Time)	30 s	This function controls amount of time from unlocking doors to automatic re-locking function.	30 s/60 s
Trunk Lid Oper (Luggage compartment door open function)	0.8s PR	This function changes transmitter operation method for opening luggage compartment door.	1 time/2 times/0.8s PR/OFF
Unlock/2Oper (2 Times Operation Wireless Unlock)	ALL (Europe) D_door (Expect Europe)	When UNLOCK switch is pressed once, this function unlocks only designated door. When unlock switch is pressed again within 3 seconds, all doors unlock. If setting is on ALL, pressing unlock switch once unlocks all doors.	ALL/D_door/D_side
Alarm Function (Panic Function) (Australia)	ON	Function that operates theft deterrent system when transmitter LOCK (PANIC) switch is held for 3 seconds.	ON/OFF

WIRELESS DOOR LOCK (w/o SMART KEY):

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
Wireless Oper (Wireless Door Lock Control Function)	ON	Function that turns wireless door lock function ON/OFF.	ON/OFF
Hazard Ans Back (Hazard Answer-back of Wireless)	ON	When LOCK switch on transmitter is pressed, this function illuminates all hazard warning lamps once. When unlock switch is pressed, all hazard warning lamps illuminate twice.	ON/OFF
Up/Wireless*	ON	When LOCK switch on transmitter is held for 3 seconds, this function closes all door windows and sliding roof.	ON/OFF
Down/Wireless	ON	When UNLOCK switch on transmitter is held for 3 seconds, this function opens all door windows and sliding roof.	ON/OFF
Open Door Warn (Open Door Warning)	ON	If door is not completely closed and transmitter LOCK switch is pressed, this function makes buzzer sound for 10 seconds.	ON/OFF
Auto Lock Delay (Auto Lock Time)	30 s	This function controls amount of time from unlocking doors to automatic re-locking function.	30 s/60 s
Trunk Lid Oper (Luggage compartment door open function)	0.8s PR	This function changes transmitter operation method for opening luggage compartment door.	1 time/2 times/0.8s PR/OFF
Unlock/2Oper (2 Times Operation Wireless Unlock)	ALL (Europe) D_door (Expect Europe)	When UNLOCK switch is pressed once, this function unlocks only designated door. When unlock switch is pressed again within 3 seconds, all doors unlock. If setting is on ALL, pressing unlock switch once unlocks all doors.	ALL/D_door/D_side
Alarm Function (Panic Function) (Australia)	ON	Function that operates theft deterrent system when transmitter LOCK (PANIC) switch is held for 3 seconds.	ON/OFF

HINT:

*: Depending on the country, this function may not be available.

SLIDING ROOF:

Display (Item)	Default	Contents	Setting
OPEN/DOOR KEY (Door key related OPEN)	ON	Function to open sliding roof manually. Turn ignition switch OFF. Sliding roof links with power window after driver side door key is held to unlock side for 2 seconds or more.	ON/OFF
CLOSE/DOOR KEY (Door key related CLOSE)	ON	Function to close sliding roof manually. Turn ignition switch OFF. Sliding roof links with power window after driver side door key is held to lock side for 2 seconds or more.	ON/OFF
OPEN/WIRELESS (Wireless key related OPEN)	ON	Function to open sliding roof manually. Turn ignition switch OFF. Sliding roof links with power window after transmitter unlock button is pressed for 2 seconds.	ON/OFF
DOOR KEY OPER (Door key related operation)	SLIDE	Function to select manual opening direction. Turn ignition switch OFF. Sliding roof links with power window after key is inserted into driver side door key cylinder and key is held to unlock side for 2 seconds or more.	TILT/SLIDE
WIRELESS OPER (Wireless key related operation)	SLIDE	Function to select manual opening direction. Turn ignition switch OFF. Sliding roof links with power window after transmitter unlock button is pressed for 2.5 seconds or more.	TILT/SLIDE
CLOSE/WIRELESS (Wireless key related CLOSE)	ON	Function to select manual direction. Turn ignition switch OFF. Sliding roof links with power window after transmitter lock button is pressed for 2.5 seconds or more. (except Europe and Australia spec.)	ON/OFF

KEY REMINDER WARNING:

Display (Item)	Default	Contents	Setting
KEY REMND VOLUM	LARGE	Function that changes key reminder buzzer's volume	LARGE/MEDIUM/SMALL
KEY REMND SOUND	NORMAL	Function that changes key reminder buzzer's frequency	NORMAL/FAST/SLOW/0s

THEFT WARNING:

Display (Item)	Default	Contents	Setting
P-ON D-OP BUZ/P (Push-on door-open buzzer/p)	ON	Function that makes warning available when smart key is taken outside vehicle, D-door is opened, shift position is P and ignition switch is ACC or ON (engine is not running)	ON/OFF
DOR OP-CL BUZ/P (Door open-close buzzer/p)	ON	Function that makes warning available when smart key is taken outside vehicle, any door is opened and closed, shift position is P and ignition switch is ACC or ON	ON/OFF
BUZZER LENGTH (buzzer length)	2s	Function that makes warning available when smart key is taken outside vehicle, all doors are closed, trigger switch is on, shift position is P, ignition switch is ACC or ON	2s/ 1s/ 0s/ OFF
P-ON D-OP BUZ (Push-on door-open buzzer)	ON	Function that makes warning available when smart key is taken outside vehicle, any door (except D-door) is opened and closed, shift position is not P, ignition switch is ACC or ON	ON/OFF
DOR OP-CL BUZ Door open-close buzzer	ON	Function that makes warning available when smart key is taken outside vehicle, any door (except D-door) is opened and closed, shift position is not P and ignition switch is ACC or ON	ON/OFF
HALF LOCK BUZ (Half lock buzzer)	ON	Function that makes warning available for locking doors with smart key when doors are opened	ON/OFF
KEY IN LOCK BUZ (key inside lock buzzer)	2s	Function that makes warning available when doors are locked by trigger switch with smart key left inside vehicle	2s/ 1s/ 0s/ OFF
KEY BATTERY BUZ (Key battery buzzer)	ON	Function that makes warning available when smart key battery is low	ON/OFF
KEY NO FIT BUZ (Key no fit buzzer)	OFF	Function that makes warning available when smart key cannot be identified	ON/OFF
SMART BUZ NUM (Smart buzzer number)	3TIMES	Function that sets number of times that wireless buzzer, which warns ignition switch is still on, deeps	10TIMES/ 7TIMES/ 5TIMES/ 3TIMES/0TIMES

INTRODUCTION – REPAIR INSTRUCTION

Display (Item)	Default	Contents	Setting
SMART BUZ BOL (Smart buzzer volume)	MAX	Function that sets sound volume of wireless buzzer, which warns ignition switch is still on	MAX/MID 3/MID 2/MID 1/MID/ OFF
KEY TAKE OUT BUZ (Key take out buzzer)	OFF	Function that sets buzzer beep intervals, which beeps when key is inside vehicle	300S/ 60S/30S/ 10S/ 5S/ 3S/ OFF
E-ON D-OP BUZ/P (Engine-on door-open buzzer)	OFF	Function that makes warning available when smart key is taken outside vehicle, D-door is opened and closed, shift position is P and ignition switch is ACC or ON	ON/OFF