



**Technical Service  
Information Bulletin**

June 22, 2001

Title:

**CUSTOMIZE FUNCTION - DIAGNOSTIC  
PROGRAM CARD VERSION 8.0**

Models:

'01 GS 430/300, IS 300, LS 430 & '02 SC 430

**SS004-01**  
**SPECIAL SERVICE TOOLS**

**Introduction** The Customize feature for the Lexus Diagnostic Tester allows Lexus Dealers to customize many of the electrical functions on 2001 model year GS 430, GS 300, IS 300, LS 430 and 2002 model year SC 430 vehicles to match individual customer desires. This bulletin will provide you with a comprehensive list of available features for customization.

**NOTE:**

These functions require version 8.0a, or later, software. Diagnostic Tester software can be updated using TIS. Click the link on the TIS home page to download.

**Applicable  
Vehicles**

- 2001 model year **GS 430/300, IS 300, LS 430** vehicles.
- 2002 model year **SC 430** vehicles.

**Required Tools  
& Material**

TOOLS & MATERIAL	PART NUMBER	QUANTITY
Lexus Diagnostic Tester Kit	01001270	1
12 Megabyte Diagnostic Tester Program Card with version 8.0a Software (or later)	01002593-005	1

**NOTE:**

Additional Diagnostic Tester Kits or Program Cards may be ordered by calling OTC at 1-800-933-8335.

**Service  
Procedure**

When customizing, a detailed description including the "Item Selected", the old setting and the new setting must be entered into the Lexus National Service History as a vehicle note.

**EXAMPLE:**

If changing the **WIRELESS BUZZ VOLUME** function from **MID2** to **MAX**, enter the following information into the **National Service History Vehicle Notes**:

Customize Service – WIRELESS BUZZ VOLUME/ Old – MID2 / New – MAX

**NOTE:**

Having these records in the National Service History is very important. If a customer decides that they preferred a previous setting, they may not be able to provide the Dealer with a correct description of the function or its previous setting. The National Service History can be used in conjunction with the customer's explanation to verify that the correct function is being reset.

**Warranty  
Information**

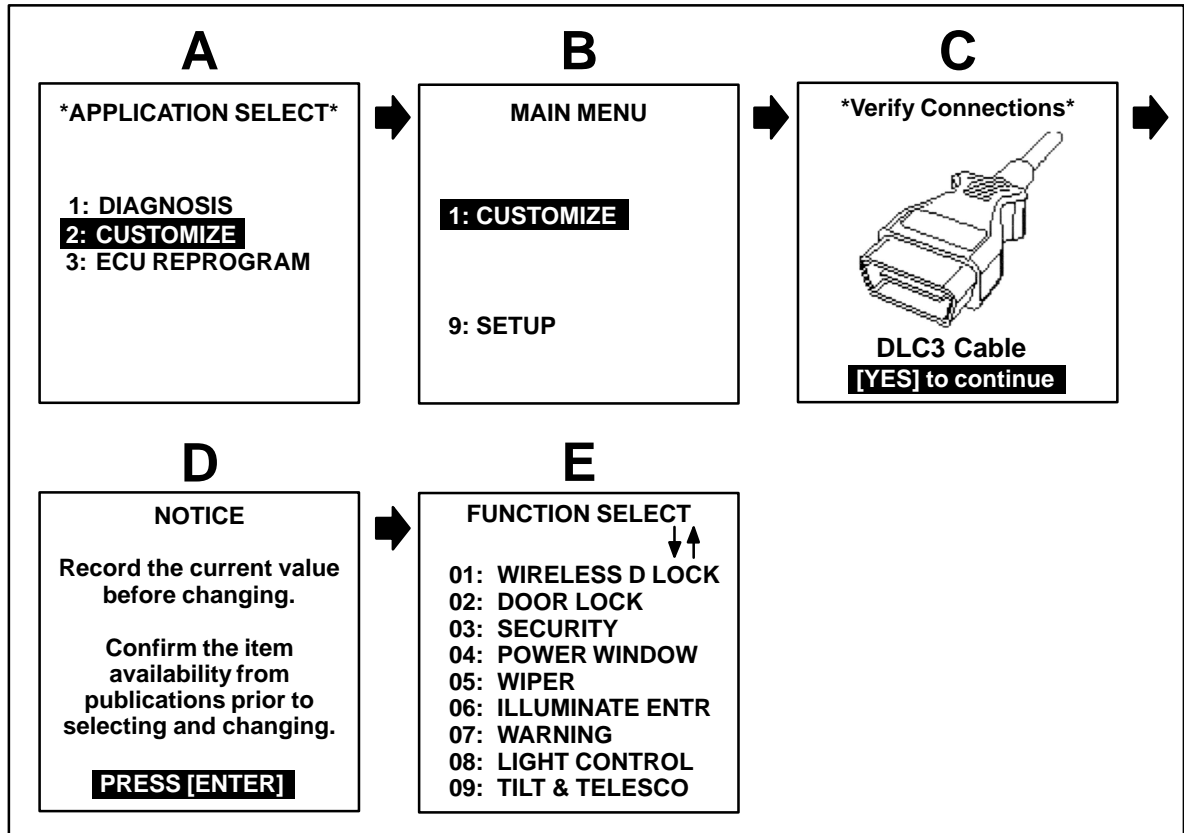
OP CODE	DESCRIPTION	TIME	OPN	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–



Lexus Supports ASE Certification

**Operation Procedure** The following steps show the user how to access the “FUNCTION SELECT” screen for customizing.

1. Insert the key into the ignition key cylinder and turn to the ON position.
2. Connect the LEXUS Diagnostic Tester to DLC3 and press the “ON” key.
3. Using the Diagnostic Tester, follow the screen flow below to access the customize function select menu.



**NOTE:**  
Before changing any customize item, be sure to record the current value.

FUNCTION SELECT	ITEM SELECT	DEFAULT	DESCRIPTION	OPTIONS	SUPPORTED VEHICLES
1. WIRELESS D LOCK (Wireless Door Lock)	OPEN DOOR WARN (Open Door Warning)	ON	ON/OFF of 10-second buzzer if door is open when locking with wireless transmitter.	ON/OFF	All
	WIRELS BUZZ VOL (Wireless Door Lock Buzzer Volume)	MID2	Adjusts the volume of the wireless buzzer.	OFF/MIN/MID1/MID2/MID3/MAX	GS430/300, IS300, SC430
	WIRELESS OPER (Wireless Door Lock Control Function)	ON	ON/OFF of the wireless door lock function.	ON/OFF	All
	ALARM FUNCTION (Panic Function)	ON	Function to operate the theft deterrent system by pressing the lock button on the transmitter for 2.5 seconds or longer.	ON/OFF	
	INT/LGT ON/UNLK (Light ON by Unlocking with Transmitter)	ON	ON/OFF of interior lights when the vehicle is unlocked with transmitter.	ON/OFF	GS430/300, IS300
	UNLOCK/ 2 OPER (2 Times Operation Wireless Unlock)	ON	ON: Pressing transmitter unlock button once will unlock driver's door, pressing twice will unlock all doors. OFF: Pressing transmitter button once will unlock all doors.	ON/OFF	
		D_DOOR	D_DOOR: Pressing transmitter once will unlock driver's door, pressing twice will unlock all doors. D_SIDE: Pressing transmitter once will unlock both doors on driver's side, pressing twice will unlock all doors. ALL: Pressing once will unlock all doors.	D_DOOR/D_SIDE/ALL	SC430, LS430
	AUTO LOCK DELAY (Auto Lock Time)	30s	After the vehicle is unlocked with the transmitter, vehicle will lock if door is not opened before the specified time (30 or 60 seconds).	30s/60s	All
	TRUNK LID OPER (Trunk Lid Open Function Type)	0.8PR	Function to change the operation method of opening the trunk by transmitter. OFF: Transmitter will not open trunk. 0.8PR: Trunk button must be pressed for 0.8 seconds to open trunk. 1TIME: Trunk button must be pressed once to open trunk. 2TIME: Trunk button must be pressed twice to open trunk.	OFF/0.8PR/1TIME/2TIMES	GS430/300, LS430, SC430
	DOWN/WIRELESS (Power Window Down with Transmitter)	ON	Function to make all of the door windows go down manually by pressing the transmitter unlock button for 2.5 seconds when ignition switch is OFF.	ON/OFF	LS430, SC430
HAZARD ANS BACK (Hazard Answer Back of the Wireless)	ON	ON: Pressing transmitter LOCK button will make all turn signal lights flash <u>once</u> . Pressing the transmitter UNLOCK button will make all turn signal lights flash <u>twice</u> . OFF: Signal lights will not flash when locking or unlocking with transmitter. <b>NOTE:</b> Function will not operate unless the engine hood, trunk and all doors are closed.	ON/OFF	GS430/300, LS430, SC430	

**NOTE:** Please record all changes in the Lexus National Service History Database, as per Service Procedure on page 1.

FUNCTION SELECT	ITEM SELECT	DEFAULT	DESCRIPTION	OPTIONS	SUPPORTED VEHICLES
<b>2. DOOR LOCK</b>	UNLOCK/ PARK (Unlock with IG ON, Shift into Park, Speed 0)	OFF	Function to auto unlock all doors when vehicle is shifted into Park and ignition ON.	ON/OFF	GS430/300, LS430, SC430
	ALL UNLK/ OPN-CL (All Unlock with Driver's Door Open/Close)	OFF	Function to auto unlock all the other doors when the driver's door opens within 10 seconds after turning the ignition OFF.	ON/OFF	All
	AUTO LOCK (ONCE)*  *Formerly AUTO LOCK (EURO)	OFF	Function to lock the doors when the vehicle reaches a certain speed. ON: All doors will lock (once) when the vehicle reaches a certain speed. If the doors are unlocked after they lock automatically, they will remain unlocked until the IG key is cycled. OFF: All doors do not lock automatically at a certain speed.	ON/OFF	LS430, SC430
	AUTO LOCK	OFF	Function to lock the doors when the vehicle reaches a certain speed.	ON/OFF	GS430/300
	LOCK/SHIFT BRKE (Lock with Shift P – Except P, Brake Release)	OFF	Function to lock the doors when shifting from PARK range to another range after releasing the brake.	ON/OFF	
	LOCK/SHIFT BRKE (Lock with Shift P – Except P, Brake Release)	W/O STP	OFF: Doors remain unlocked when shifting from PARK range to another range after releasing the brake. W/O STP: Doors lock when shifting from PARK range to another range. W/STP: Doors lock when shifting from PARK range to another range after releasing the brake.	OFF/ W/O STP/ W/STP	LS430, SC430
		ON	Function to lock the doors when shifting from the PARK range to another range.	ON/OFF	GS430/300
	UNLK/KEY TWICE (Unlock with 2 Times Driver's Door Key Operation)	ON	ON: When unlocking the driver's door, one turn of the key will unlock driver's door only, two turns will unlock all doors. OFF: When unlocking driver's door, one turn will unlock all doors.	ON/OFF	GS430/300, IS300
D_DOOR		ALL: When unlocking driver's door, one turn of the key will unlock all doors. D_DOOR: When unlocking driver's door, one turn of the key will unlock driver's door, two turns will unlock all doors. D_SIDE: When unlocking driver's door, one turn of the key will unlock both doors on driver's side, two turns will unlock all doors.	ALL/ D_DOOR/ D_SIDE	LS430, SC430	
<b>3. SECURITY</b>	PASSIVE MODE	OFF	ON: Sets the theft deterrent system 30 seconds after the key is removed from the ignition key cylinder when the driver's door is closed.  If one of the following actions is not performed within 15 seconds after one of the doors is opened while the system is set, the theft deterrent system will operate as if the vehicle is being stolen. <ul style="list-style-type: none"> <li>• Press the transmitter unlock button.</li> <li>• Unlock the driver or passenger door with the key.</li> <li>• Turn ignition to "ON" with the key.</li> <li>• Open the trunk with the transmitter.</li> <li>• Open the trunk with the key.</li> </ul>	ON/OFF	All
	WARNING (HORN)	ON	Enables horn and theft deterrent horn when security system is activated.	ON/OFF	LS430, SC430

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FUNCTION SELECT	ITEM SELECT	DEFAULT	DESCRIPTION	OPTIONS	SUPPORTED VEHICLES
<b>3. SECURITY (Cont'd)</b>	ENTRY DELAY (Entry Delay Time)	14s	Changes the entry delay time (period before starting the warning) by the passive mode.	0s/14s/30s	IS300, LS430, SC430
	WARNING TIME	60s	Not available for North American specification vehicles.	N/A	GS430/300
<b>4. POWER WINDOW</b>	UP/DOOR KEY (Door Key Linked Power Window UP)	ON	Function to make all the door windows go UP manually by holding the driver's side door key to the lock side of the door lock cylinder for 1.5 seconds with the ignition switch OFF.	ON/OFF	GS430/300, LS430, SC430
	DOWN/DOOR KEY (Door Key Linked Power Window DOWN)	ON	Function to make all the door windows go DOWN manually by holding the driver's side door key to the unlock side of the door lock cylinder for 1.5 seconds with the ignition switch OFF.	ON/OFF	
	DOWN/WIRELESS (Power Window DOWN with Transmitter)	ON	Function to make all the door windows go DOWN manually by pressing the unlock button on the transmitter for 2.5 seconds with the ignition switch OFF.	ON/OFF	GS430/300
	UP/WIRELESS (Power Window UP with Transmitter)	OFF	Not available for North American specification vehicles.	N/A	
<b>5. WIPER</b>	SPEED MODE	AVAIL	Availability of intermittent wiper speed change as vehicle comes to a stop with the wipers set on LOW.	AVAIL/ NOT AVAIL	LS430, SC430
	AUTO WIPE	AVAIL	Operates wipers automatically when it is raining.	AVAIL/ NOT AVAIL	LS430
	REWIPE CONTROL	SPD MOD	OFF: No rewipe of windshield after washer is used. 3S: Delays rewipe of windshield 3 seconds after washer is used. SPD MOD: Delays the last sweep based on vehicle speed.	OFF/3S/ SPD MOD	LS430, SC430
<b>6. ILLUMINATE ENTR (Illuminated Entry)</b>	LIGHTING TIME	15s	Changes the amount of time interior lights stay on after closing the door. (Interior lights will dim quickly if ignition is ON.)	7.5s/15s/ 30s	All
	ILLUMI SYSTEM (Operation of Illumination)	AVAIL	Lights the step light, center console light, and inside door handle light when the ignition is turned ON, the door is unlocked, or the door is opened.	AVAIL/ NOT AVAIL	LS430
	LIGHT CONTROL	AVAIL	Lights the step light and inside door handle light when the ignition switch is ON and the shift position is out of Park.	AVAIL/ NOT AVAIL	
	ACC OFF CONTROL (Illumination System with ACC OFF)	AVAIL	Operation of the illumination system when the ACC switch is OFF.	AVAIL/ NOT AVAIL	LS430, SC430
	I/L ON/UNLOCK (Interior Light ON with Door Key Unlock)	ON	ON/OFF of interior light up when unlocking door using door lock cylinder. Regardless of this setting, interior lights will still light up when interior light switch is in the door position and door is opened.	ON/OFF	GS430/300, IS300
<b>7. WARNING</b>	LIGHT REMIND (Light Reminder Buzzer)	OFF	ON/OFF of the headlight reminder buzzer.	ON/OFF	GS430/300
	KEY REMND SOUND (Key Reminder Buzzer Sound)	NORMAL	Frequency of key reminder buzzer.	FAST/ NORMAL/ SLOW	

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FUNCTION SELECT	ITEM SELECT	DEFAULT	DESCRIPTION	OPTIONS	SUPPORTED VEHICLES
7. WARNING (Cont'd)	KEY REMND VOLUM (Key Reminder Buzzer Volume)	LARGE	Volume of key reminder buzzer.	SMALL/ MEDIUM/ LARGE	GS430/300, LS430, SC430
	KEY REMND SOUND (Key Reminder Buzzer Sound)	NORMAL	Frequency of key reminder buzzer.	FAST/ NORMAL/ SLOW	LS430
	F BUZ SPECIFIED (Front Buzzer Specified)	OFF	Sounds the front buzzer when obstacles are within about 19.68–39.37 inches (50-100 cm) from the front of the vehicle.	ON/OFF	LS430
	R BUZ SPECIFIED (Rear Buzzer Specified)	ON	Sounds the rear buzzer when obstacles are within about 19.68–39.37 inches (50-100 cm) from the rear of the vehicle.	ON/OFF	
	KEEP SENSE BUZ (Keep Sense Status Buzzer)	ON	Sounds the buzzer when the distance between the vehicle and an obstacle does not change for more than 3 seconds.	ON/OFF	
	F&R BUZZER FREQ (Front & Rear Buzzer Frequency)	1.0/1.5	Frequency of the front and rear buzzer.	1) 1.0/1.5 2) 1.3/1.8 3) 1.5/2.0	
	F&R BUZZER VOLM (Front & Rear Buzzer Volume)	M2	Volume of the front and rear buzzer.	L/M1/ M2/M3/H	
	NO MOVE BUZZ (No Movement Buzzer)	ON	Buzzer sounds when vehicle speed is 0 mph and sensors detect obstacles.	ON/OFF	
	SEAT BELT WARN	ON	Not available for North American specification vehicles.	N/A	GS430/300
8. LIGHT CONTROL	LIGHT OFF DELAY (Light Auto OFF Delay)	30s	Delay time for headlights to turn off after IG is off and all doors are closed, with light control switch at AUTO.	OFF/30s/ 60s/90s	All
	SENSITIVITY	NORMAL	Adjusts the sensitivity of the automatic headlight illumination system.	DARK2/ DARK1/ NORMAL/ LIGHT1/ LIGHT2	
	LIGHT CTRL TYPE (Control Type)	CURRENT	To change the control logic when the light control switch is at AUTO position. OLD: 6-second headlight ON delay, 6-second headlight OFF. CURRENT: 15-second delay for headlight ON or OFF, also has logic to light up to two times brighter than old logic.	CURRENT/ OLD	
	DISP EX ON SEN (Display Extinction ON Sensor)	NORMAL	This function changes the amount of light the Automatic Light Control Sensor must detect to <b>dim</b> the instrument panel lights, indicator lights and navigation screen lights from the full illumination condition. DARK2: Lights will dim in darker conditions. LIGHT2: Lights will dim in lighter conditions. The tail lights must be ON for this function to operate. <b>NOTE:</b> GS 430/300 functions operate the same as above, except this function has no effect on gauge lights (speedometer, tachometer, etc.).	DARK2/ DARK1/ NORMAL/ LIGHT1/ LIGHT2	GS430/300, LS430, SC430

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FUNCTION SELECT	ITEM SELECT	DEFAULT	DESCRIPTION	OPTIONS	SUPPORTED VEHICLES
8. LIGHT CONTROL (Cont'd)	DISP EX OFF SEN (Display Extinction OFF Sensor)	NORMAL	This function changes the amount of light the Automatic Light Control Sensor must detect to <b>brighten</b> the instrument panel lights, indicator lights, and navigation screen lights from the dimmed illumination condition. DARK2: Lights will brighten in darker conditions. LIGHT2: Lights will brighten in lighter conditions. The tail lights must be ON for this function to operate. <b>NOTE:</b> GS 430/300 functions operate the same as above, except this function has no effect on gauge lights (speedometer, tachometer, etc.).	DARK2/ DARK1/ NORMAL/ LIGHT1/ LIGHT2	GS430/300, LS430, SC430
	D/FOOT LIGHT T (Driver's Side Foot Lamp Set-up)	15s	Sets how long the driver's side foot light stays on.	OFF/7.5s/ 15s/30s	LS430
	P/FOOT LIGHT T (Passenger's Side Foot Lamp Set-up)	15s	Sets how long the passenger's side foot light stays on.	OFF/7.5s/ 15s/30s	LS430
	DRL FUNCTION (Daytime Running Lamp Function)	ON	ON/OFF of the Daytime Running Lamps. (USA only)	ON/OFF	LS430, SC430
	RESPONSE TIME	0.1s	Not available for North American specification vehicles.	N/A	GS430/300
9. TILT & TELESCO (Tilt & Telescope)	AUTO TILT AWAY (Auto Away/Return Function)	ON	ON/OFF of auto away/return function.	ON/OFF	GS430/300, LS430, SC430
10. SLIDE ROOF	OPEN/DOOR KEY (Door Key Linked OPEN)	ON	ON: Turning the key in the driver's door to the unlock side for more than 1.5 seconds opens the sliding roof together with the door windows. <b>NOTE:</b> This function will not operate unless the POWER WINDOW: DOWN/DOOR KEY function is set to ON.	ON/OFF	GS430/300, LS430
	CLOSE/DOOR KEY (Door Key Linked CLOSE)	ON	ON: Turning the key in the driver's door to the lock side for more than 1.5 seconds closes the sliding roof together with the door windows. <b>NOTE:</b> This function will not operate unless the POWER WINDOW: UP/DOOR KEY function is set to ON.	ON/OFF	
	OPEN/WIRELESS (Wireless Linked OPEN)	ON	ON: Pressing the transmitter unlock button for 2.5 seconds or more opens the sliding roof together with the power windows' DOWN/WIRELESS function. <b>NOTE:</b> This function will not operate unless the POWER WINDOW: DOWN/WIRELESS function is set to ON.	ON/OFF	
	DOOR KEY OPER (Door Key Linked Operation)	SLIDE	Changes operation of sliding roof when using key to open roof.	SLIDE/TILT	
	WIRELESS OPER (Wireless Linked Operation)	SLIDE	Changes operation of sliding roof when using transmitter to open roof.	SLIDE/TILT	
	CLOSE WIRELESS	N/A	Not available for North American specification vehicles.	N/A	

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FUNCTION SELECT	ITEM SELECT	DEFAULT	DESCRIPTION	OPTIONS	SUPPORTED VEHICLES
11. AIR CONDI- TIONER	SET TEMP SHIFT (Set Temperature Shift)	NORMAL	Shifts actual A/C target temperature from displayed temperature.	+2C/+1C/ NORMAL/ -1C/-2C	All
	AIR INLET MODE	AUTO	AUTO: Will automatically change air inlet to RECIRCULATE when A/C is turned ON. MANUAL: Will not change air inlet when A/C is turned ON.	AUTO/ MANUAL	GS430/300, LS430, SC430
	COMPRESSOR MODE	AUTO	AUTO: Will automatically turn A/C ON if AUTO button is pressed when blower is ON, and A/C is OFF. MANUAL: When blower is ON, A/C must be turned on manually.	AUTO/ MANUAL	
	COMPRESSOR/DEF OPER (Compressor/Air Inlet Defrost Operation)	LINK	LINK: A/C is activated automatically when front defrost is selected. NORMAL: A/C must be manually activated when front defrost is selected.	LINK/ NORMAL	All
	MOTOR INITIALIZ (Step Motor Initializing – IG/OFF)	ON	Initializes the film door step motor after the ignition switch is OFF.	ON/OFF	LS430
	EVAP CTRL (Evaporator Control)	ON	ON: To save energy, the Evaporator temperature is regulated between 0° – 11° C (32° – 51.8° F). OFF: Evaporator temperature is regulated to 0° C (32° F).	ON/OFF	
	GAS SENS SHIFT (Emission Gas Sensor Shift)	NORMAL	Changes the sensitivity of the exhaust gas sensor.	1. MU MORE 2. MORE 3. LI MORE 4. NORMAL 5. LI LESS	GS430/300, LS430, SC430
	AUTO MODE (Swing Resistor Auto Mode)	AUTO	AUTO: Swings vent fans automatically when A/C is ON. MANUAL: Vent fans do not swing automatically when A/C is ON.	AUTO/ MANUAL	LS430
	BUTTON PRS BUZ (Button Press Buzzer)	ON	Sounds the buzzer when an A/C button is pressed.	ON/OFF	
	FILTER SENS (Filter Sensor)	NORMAL	Changes the sensitivity of the air conditioning filter choking sensor.	LESS/ NORMAL/ MORE	
	AIR INLET OPER (Air Inlet Operation)	LINK	LINK: In the event of A/C malfunction, air inlet will change to OUTSIDE mode from RECIRCULATE mode. NORMAL: Air inlet will not change.	LINK/ NORMAL	GS430/300, IS300
	FOOT AOUT OPER (Foot Air Out Operation)	ON	Function to turn the air flow from floor vents ON automatically when the retractable hardtop or soft top is housed.	ON/OFF	SC430
	FOOT DEF MODE (Foot/Defrost Auto Mode)	ON	Function to turn the air flow from floor vents ON automatically when defrost AUTO MODE is ON.	ON/OFF	SC430

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FUNCTION SELECT	ITEM SELECT	DEFAULT	DESCRIPTION	OPTIONS	SUPPORTED VEHICLES
<b>12. SENSOR</b>	R SENSOR (Rear Sensor)	ON	Makes the four rear bumper sensors available.	ON/OFF	LS430
	REV RNG SENS (Reverse Range Sensor)	Fcrn4,R	Sets the available bumper sensors when the shift position is in Reverse. ALL: Front 6 sensors + rear 4 sensors. Fcrn4,R: Front corner 4 sensors + rear 4 sensors. Fsde2,R: Front side 2 sensors + rear 4 sensors.	ALL/ Fcrn4,R/ Fsde2,R	
	NON-P/R RNG SEN (Non-P/R Range Sensor)	F,Rcrn2	Sets the available bumper sensors when the shift position is not in Park or Reverse. ALL: Front 6 sensors + rear 4 sensors. F,Rcrn2: Front 6 sensors + rear corner 2 sensors. F: Front 6 sensors only.	ALL/ F,Rcrn2/ F	LS430
	SENSOR COND/N (Sensor Condition N Range)	ON	ON/OFF of bumper sensors when the shift position is in Neutral.	ON/OFF	
	F SIDE DIST SEN (Front Side Distance Sensor)	LONG	Maximum distance that the front side sensors are able to detect.	LONG/ SHORT	
<b>13. DISPLAY</b>	APPRCH DISP OFF (Approach Display OFF)	ON	Multi-information display will turn off when vehicle starts to leave obstacles which are within about 9.84 inches of the vehicle.	ON/OFF	LS430
	DISP TIMEOUT (Display Time-Out)	INVALID	Time until multi-information display turns off when perceived distance by sensors does not change.	INVALID/ 5s/10s/20s	
	SONAR DISP OFF (Sonar Display OFF)	3s	Time until multi-information display turns off after sensors stop detecting obstacle.	1s/2s/3s/4s	
<b>14. UNIT CONVERSION</b>	UNITS BY REGION	ML/G US	Changes the unit of the display.	ML/G US ML/G UK KM/L	LS430
<b>15. RTRCTBL HARDTOP</b> (Retractable Hardtop)	OPERATE COND (Operate Condition)	IG.E/G	Function to set when the retractable hardtop can be open or closed.	IG.E/G E/G	SC430
<b>16. COMPASS CALIB</b>	COMPASS CALIB (Compass Calibration)	10	Changes the calibration zone for the compass.	1-15	LS430

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