



**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

**SPECIAL SERVICE TOOLS  
SS004-01**

**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 | -    | -   | -  | -  |



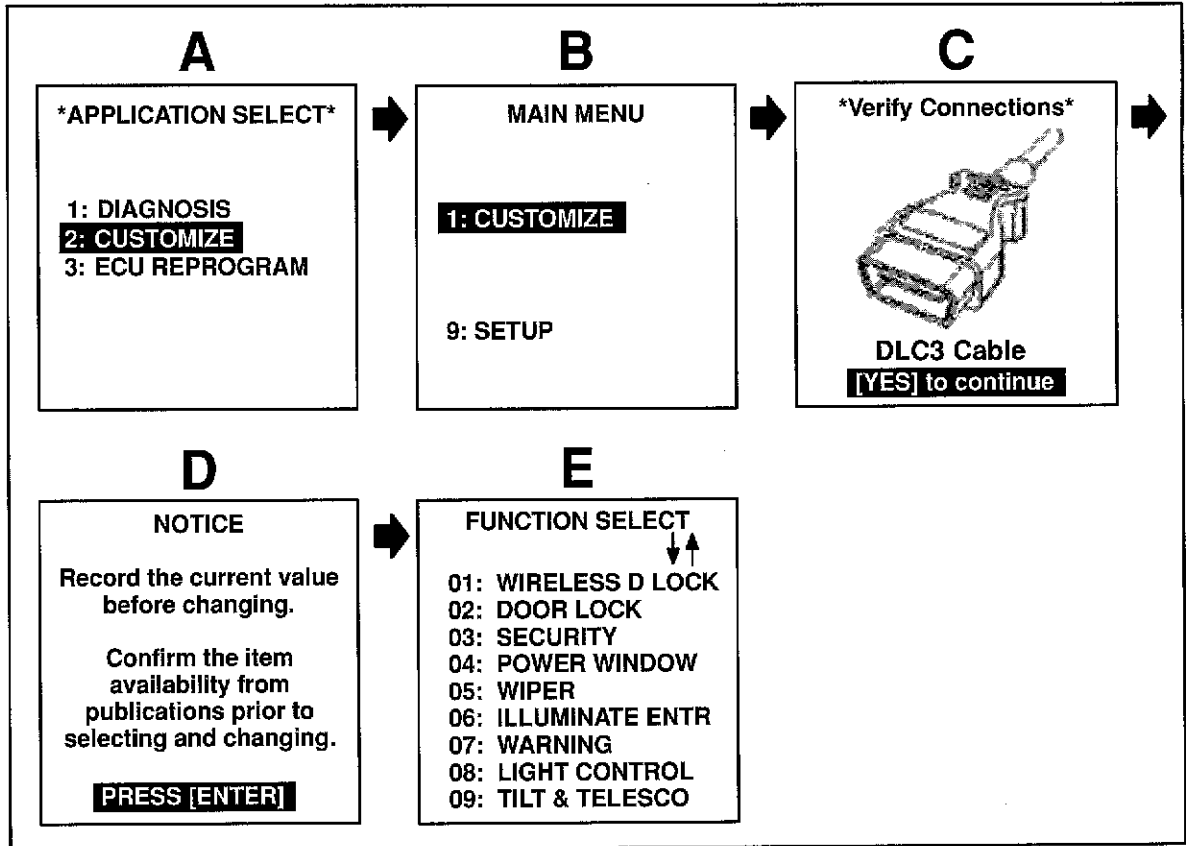
Lexus Supports ASE Certification

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**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.<br>WIRELESS<br>D LOCK<br>(Wireless<br>Door Lock)              | OPEN DOOR<br>WARN<br>(Open Door<br>Warning)                          | ON   | ON/OFF of 10-second buzzer if door is open when locking with wireless transmitter.   | ON/OFF                             | All                           |
|  | WIRELS BUZZ<br>VOL<br>(Wireless Door<br>Lock Buzzer<br>Volume)       | MID2   | Adjusts the volume of the wireless buzzer.   | OFF/MIN/<br>MID1/MID2/<br>MID3/MAX | GS430/300,<br>IS300,<br>SC430 |
|  | WIRELESS<br>OPER<br>(Wireless Door<br>Lock Control<br>Function)      | ON   | ON/OFF of the wireless door lock function.   | ON/OFF                             | All                           |
|  | ALARM<br>FUNCTION<br>(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<br>ON/UNLK<br>(Light ON by<br>Unlocking with<br>Transmitter) | ON   | ON/OFF of interior lights when the vehicle is unlocked with transmitter.   | ON/OFF                             | GS430/300,<br>IS300           |
|  | UNLOCK/<br>2 OPER<br>(2 Times<br>Operation<br>Wireless Unlock)       | ON   | ON: Pressing transmitter unlock button once will unlock driver's door, pressing twice will unlock all doors.<br>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.<br>D_SIDE: Pressing transmitter once will unlock both doors on driver's side, pressing twice will unlock all doors.<br>ALL: Pressing once will unlock all doors.  | D_DOOR/<br>D_SIDE/<br>ALL          | SC430,<br>LS430               |
|  | AUTO LOCK<br>DELAY<br>(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<br>OPER<br>(Trunk Lid Open<br>Function Type)               | 0.8PR  | Function to change the operation method of opening the trunk by transmitter.<br>OFF: Transmitter will not open trunk.<br>0.8PR: Trunk button must be pressed for 0.8 seconds to open trunk.<br>1TIME: Trunk button must be pressed once to open trunk.<br>2TIME: Trunk button must be pressed twice to open trunk. | OFF/0.8PR/<br>1TIME/<br>2TIMES     | GS430/300,<br>LS430,<br>SC430 |
|  | DOWN/<br>WIRELESS<br>(Power Window<br>Down with<br>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,<br>SC430               |
| HAZARD ANS<br>BACK<br>(Hazard Answer<br>Back of the<br>Wireless) | ON   | ON: Pressing transmitter LOCK button will make all turn signal lights flash <u>once</u> .<br>Pressing the transmitter UNLOCK button will make all turn signal lights flash <u>twice</u> .<br>OFF: Signal lights will not flash when locking or unlocking with transmitter.<br><b>NOTE:</b> Function will not operate unless the engine hood, trunk and all doors are closed. | ON/OFF   | GS430/300,<br>LS430,<br>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            |
|--------------------|---|--|--|--|-------------------------------|
| 2.<br>DOOR<br>LOCK | UNLOCK/<br>PARK<br>(Unlock with IG<br>ON, Shift into<br>Park, Speed 0)          | OFF  | Function to auto unlock all doors when vehicle is shifted into Park and ignition ON.   | ON/OFF   | GS430/300,<br>LS430,<br>SC430 |
|                    | ALL UNLK/<br>OPN-CL<br>(All Unlock with<br>Driver's Door<br>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<br>(ONCE)*<br><br>*Formerly<br>AUTO LOCK<br>(EURO)                    | OFF  | Function to lock the doors when the vehicle reaches a certain speed.<br>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.<br>OFF: All doors do not lock automatically at a certain speed.  | ON/OFF   | LS430,<br>SC430               |
|                    | AUTO LOCK   | OFF  | Function to lock the doors when the vehicle reaches a certain speed.   | ON/OFF   | GS430/300                     |
|                    | LOCK/SHIFT<br>BRKE<br>(Lock with Shift P<br>- Except P,<br>Brake Release)       | OFF  | Function to lock the doors when shifting from PARK range to another range after releasing the brake.   | ON/OFF   | LS430,<br>SC430               |
|                    |   | W/O STP  | OFF: Doors remain unlocked when shifting from PARK range to another range after releasing the brake.<br>W/O STP: Doors lock when shifting from PARK range to another range.<br>W/STP: Doors lock when shifting from PARK range to another range after releasing the brake.   | OFF/<br>W/O STP/<br>W/STP  |                               |
|                    |   | AUTO<br>LOCK/SHIFT<br>(Auto Lock / Shift<br>not in Park) | ON   | Function to lock the doors when shifting from the PARK range to another range. | ON/OFF                        |
|                    | UNLK/KEY<br>TWICE<br>(Unlock with 2<br>Times Driver's<br>Door Key<br>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.<br>OFF: When unlocking driver's door, one turn will unlock all doors.   | ON/OFF   | GS430/300,<br>IS300           |
|                    |   | D_DOOR   | ALL: When unlocking driver's door, one turn of the key will unlock all doors.<br>D_DOOR: When unlocking driver's door, one turn of the key will unlock driver's door, two turns will unlock all doors.<br>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/<br>D_DOOR/<br>D_SIDE  | LS430,<br>SC430               |
| 3.<br>SECURITY     | PASSIVE<br>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.<br>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<br>(HORN)   | ON   | Enables horn and theft deterrent horn when security system is activated.   | ON/OFF   | LS430,<br>SC430               |

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| FUNCTION SELECT                                   | ITEM SELECT   | DEFAULT | DESCRIPTION  | OPTIONS            | SUPPORTED VEHICLES      |
|---|---|---------|--|--------------------|-------------------------|
| <b>3. SECURITY (Cont'd)</b>                       | ENTRY DELAY<br>(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<br>(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<br>(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<br>(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<br>(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.<br>3S: Delays rewipe of windshield 3 seconds after washer is used.<br>SPD MOD: Delays the last sweep based on vehicle speed.                                  | OFF/3S/ SPD MOD    | LS430, SC430            |
| <b>6. ILLUMI-NATE ENTR</b><br>(Illuminated Entry) | 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<br>(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<br>(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<br>(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<br>(Light Reminder Buzzer)                   | OFF     | ON/OFF of the headlight reminder buzzer.   | ON/OFF             | GS430/300               |
|   | KEY REMIND SOUND<br>(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.<br>WARNING<br>(Cont'd) | KEY REMND VOLUM<br>(Key Reminder Buzzer Volume)    | LARGE   | Volume of key reminder buzzer.  | SMALL/<br>MEDIUM/<br>LARGE                       | GS430/300,<br>LS430,<br>SC430 |
|                           | KEY REMND SOUND<br>(Key Reminder Buzzer Sound)     | NORMAL  | Frequency of key reminder buzzer.   | FAST/<br>NORMAL/<br>SLOW                         | LS430                         |
|                           | F BUZ SPECIFIED<br>(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<br>(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<br>(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<br>(Front & Rear Buzzer Frequency) | 1.0/1.5 | Frequency of the front and rear buzzer.   | 1) 1.0/1.5<br>2) 1.3/1.8<br>3) 1.5/2.0           |                               |
|                           | F&R BUZZER VOLM<br>(Front & Rear Buzzer Volume)    | M2      | Volume of the front and rear buzzer.  | L/M1/<br>M2/M3/H                                 |                               |
|                           | NO MOVE BUZZ<br>(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.<br>LIGHT CONTROL       | LIGHT OFF DELAY<br>(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/<br>60s/90s                              | All                           |
|                           | SENSITIVITY  | NORMAL  | Adjusts the sensitivity of the automatic headlight illumination system.   | DARK2/<br>DARK1/<br>NORMAL/<br>LIGHT1/<br>LIGHT2 |                               |
|                           | LIGHT CTRL TYPE<br>(Control Type)                  | CURRENT | To change the control logic when the light control switch is at AUTO position.<br>OLD: 6-second headlight ON delay, 6-second headlight OFF.<br>CURRENT: 15-second delay for headlight ON or OFF, also has logic to light up to two times brighter than old logic.   | CURRENT/<br>OLD                                  |                               |
|                           | DISP EX ON SEN<br>(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.<br>DARK2: Lights will dim in darker conditions.<br>LIGHT2: Lights will dim in lighter conditions.<br>The tail lights must be ON for this function to operate.<br><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/<br>DARK1/<br>NORMAL/<br>LIGHT1/<br>LIGHT2 | GS430/300,<br>LS430,<br>SC430 |

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| FUNCTION SELECT                            | ITEM SELECT   | DEFAULT | DESCRIPTION   | OPTIONS  | SUPPORTED VEHICLES            |
|--|---|---------|---|--|-------------------------------|
| 8.<br>LIGHT CONTROL<br>(Cont'd)            | DISP EX OFF SEN<br>(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.<br>DARK2: Lights will brighten in darker conditions.<br>LIGHT2: Lights will brighten in lighter conditions.<br>The tail lights must be ON for this function to operate.<br><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/<br>DARK1/<br>NORMAL/<br>LIGHT1/<br>LIGHT2 | GS430/300,<br>LS430,<br>SC430 |
|  | D/FOOT LIGHT T<br>(Driver's Side Foot Lamp Set-up)    | 15s     | Sets how long the driver's side foot light stays on.  | OFF/7.5s/<br>15s/30s                             | LS430                         |
|  | P/FOOT LIGHT T<br>(Passenger's Side Foot Lamp Set-up) | 15s     | Sets how long the passenger's side foot light stays on.   | OFF/7.5s/<br>15s/30s                             | LS430                         |
|  | DRL FUNCTION<br>(Daytime Running Lamp Function)       | ON      | ON/OFF of the Daytime Running Lamps. (USA only)   | ON/OFF   | LS430,<br>SC430               |
|  | RESPONSE TIME   | 0.1s    | Not available for North American specification vehicles.  | N/A  | GS430/300                     |
| 9.<br>TILT & TELESCO<br>(Tilt & Telescope) | AUTO TILT AWAY<br>(Auto Away/ Return Function)        | ON      | ON/OFF of auto away/return function.  | ON/OFF   | GS430/300,<br>LS430,<br>SC430 |
| 10.<br>SLIDE ROOF                          | OPEN/DOOR KEY<br>(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.<br><b>NOTE:</b> This function will not operate unless the POWER WINDOW: DOWN/DOOR KEY function is set to ON.   | ON/OFF   | GS430/300,<br>LS430           |
|  | CLOSE/DOOR KEY<br>(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.<br><b>NOTE:</b> This function will not operate unless the POWER WINDOW: UP/DOOR KEY function is set to ON.  | ON/OFF   |                               |
|  | OPEN/WIRELESS<br>(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.<br><b>NOTE:</b> This function will not operate unless the POWER WINDOW: DOWN/WIRELESS function is set to ON.   | ON/OFF   |                               |
|  | DOOR KEY OPER<br>(Door Key Linked Operation)          | SLIDE   | Changes operation of sliding roof when using key to open roof.  | SLIDE/TILT                                       |                               |
|  | WIRELESS OPER<br>(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  | GS430/300                     |

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| FUNCTION SELECT             | ITEM SELECT   | DEFAULT | DESCRIPTION   | OPTIONS   | SUPPORTED VEHICLES            |
|-----------------------------|---|---------|---|---|-------------------------------|
| 11.<br>AIR CONDI-<br>TIONER | SET TEMP SHIFT<br>(Set Temperature Shift)                       | NORMAL  | Shifts actual A/C target temperature from displayed temperature.  | +2C/+1C/<br>NORMAL/<br>-1C/-2C                            | All                           |
|                             | AIR INLET MODE  | AUTO    | AUTO: Will automatically change air inlet to RECIRCULATE when A/C is turned ON.<br>MANUAL: Will not change air inlet when A/C is turned ON.                     | AUTO/<br>MANUAL   | GS430/300,<br>LS430,<br>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.<br>MANUAL: When blower is ON, A/C must be turned on manually. | AUTO/<br>MANUAL   |                               |
|                             | COMPRESSOR/DEF OPER<br>(Compressor/Air Inlet Defrost Operation) | LINK    | LINK: A/C is activated automatically when front defrost is selected.<br>NORMAL: A/C must be manually activated when front defrost is selected.                  | LINK/<br>NORMAL   | All                           |
|                             | MOTOR INITIALIZ<br>(Step Motor Initializing – IG/OFF)           | ON      | Initializes the film door step motor after the ignition switch is OFF.  | ON/OFF  | LS430                         |
|                             | EVAP CTRL<br>(Evaporator Control)                               | ON      | ON: To save energy, the Evaporator temperature is regulated between 0° – 11° C (32° – 51.8° F).<br>OFF: Evaporator temperature is regulated to 0° C (32° F).    | ON/OFF  |                               |
|                             | GAS SENS SHIFT<br>(Emission Gas Sensor Shift)                   | NORMAL  | Changes the sensitivity of the exhaust gas sensor.  | 1.MU MORE<br>2.MORE<br>3.LI MORE<br>4.NORMAL<br>5.LI LESS | GS430/300,<br>LS430,<br>SC430 |
|                             | AUTO MODE<br>(Swing Resistor Auto Mode)                         | AUTO    | AUTO: Swings vent fans automatically when A/C is ON.<br>MANUAL: Vent fans do not swing automatically when A/C is ON.  | AUTO/<br>MANUAL   | LS430                         |
|                             | BUTTON PRS BUZ<br>(Button Press Buzzer)                         | ON      | Sounds the buzzer when an A/C button is pressed.  | ON/OFF  |                               |
|                             | FILTER SENS<br>(Filter Sensor)                                  | NORMAL  | Changes the sensitivity of the air conditioning filter choking sensor.  | LESS/<br>NORMAL/<br>MORE                                  |                               |
|                             | AIR INLET OPER<br>(Air Inlet Operation)                         | LINK    | LINK: In the event of A/C malfunction, air inlet will change to OUTSIDE mode from RECIRCULATE mode.<br>NORMAL: Air inlet will not change.                       | LINK/<br>NORMAL   | GS430/300,<br>IS300           |
|                             | FOOT AOUT OPER<br>(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<br>(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 |
|------------------------|---|---------|--|-----------------------------|--------------------|
| 12.<br>SENSOR          | R SENSOR<br>(Rear Sensor)                       | ON      | Makes the four rear bumper sensors available.  | ON/OFF                      | LS430              |
|                        | REV RNG SENS<br>(Reverse Range Sensor)          | Fcrn4,R | Sets the available bumper sensors when the shift position is in Reverse.<br>ALL: Front 6 sensors + rear 4 sensors.<br>Fcrn4,R: Front corner 4 sensors + rear 4 sensors.<br>Fsde2,R: Front side 2 sensors + rear 4 sensors. | ALL/<br>Fcrn4,R/<br>Fsde2,R |                    |
|                        | NON-P/R RNG SEN<br>(Non-P/R Range Sensor)       | F,Rcrn2 | Sets the available bumper sensors when the shift position is not in Park or Reverse.<br>ALL: Front 6 sensors + rear 4 sensors.<br>F,Rcrn2: Front 6 sensors + rear corner 2 sensors.<br>F: Front 6 sensors only.            | ALL/<br>F,Rcrn2/<br>F       | LS430              |
|                        | SENSOR COND/N<br>(Sensor Condition N Range)     | ON      | ON/OFF of bumper sensors when the shift position is in Neutral.  | ON/OFF                      |                    |
|                        | F SIDE DIST SEN<br>(Front Side Distance Sensor) | LONG    | Maximum distance that the front side sensors are able to detect.   | LONG/<br>SHORT              |                    |
| 13.<br>DISPLAY         | APPRCH DISP OFF<br>(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<br>(Display Time-Out)              | INVALID | Time until multi-information display turns off when perceived distance by sensors does not change.   | INVALID/<br>5s/10s/20s      |                    |
|                        | SONAR DISP OFF<br>(Sonar Display OFF)           | 3s      | Time until multi-information display turns off after sensors stop detecting obstacle.  | 1s/2s/3s/4s                 |                    |
| 14.<br>UNIT CONVERSION | UNITS BY REGION                                 | ML/G US | Changes the unit of the display.   | ML/G US<br>ML/G UK<br>KM/L  | LS430              |
| 15.<br>RTRCTBL HARDTOP | OPERATE COND<br>(Operate Condition)             | IG,E/G  | Function to set when the retractable hardtop can be open or closed.  | IG,E/G<br>E/G               | SC430              |
| 16.<br>COMPASS CALIB   | COMPASS CALIB<br>(Compass Calibration)          | 10      | Changes the calibration zone for the compass.  | 1-15                        | LS430              |

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