ATTENTION! THIS DEVICE IS INTENDED FOR LEGAL USE. INTENDED FOR KEY LOCKSMITHS, THE POLICE AND SECURITY FORCES. IF USE OF THE DEVICE FOR CRIMINAL PURPOSES MAKER IS NOT RESPONSIBLE!

PHONE device version 4.5 for emergency disarming and start of Toyota / Lexus cars and utilities for working with car keys.

**For emergency vehicle start via CAN with SMART system (FOR OPEN UNITS UNTIL 2017 AND CLOSED BLOCKS SINCE 2017+)**

**Connect the "needle" cable to the corresponding socket of the car (Appendix 1);**

**Insert the battery into the device in the working position. Switch on the device with**

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power buttons (Figure 1). On the instrument screen after the boot logo

Img.1 button ON-OFF.

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the main menu and functions will appear. Connect the cable to the device;

It is necessary to select the next submenu, select the item “START CAN”;
“START ENABLED” will appear on the screen. Wait for “START OK!!!” to appear. Being in this procedure, you can use the “down/up” keys to disarm the car or arm it (Figure 2);

Рис.2 Кнопки снятия/постановки с/на охраны(у).

If the screen shows the inscription: “NO CONNECTION” - there is no connection with the unit

SMART, check connection;

All options for displaying the device are shown in Figure 3.
SMART, проверьте соединение;

Rice. 3. Basic operations.

Exit to the main menu and disconnect the cable from the device (!!!);

Wait until the car dashboard goes out (!!!) and you can start the car;
This technique allows you to start the car once after turning on the ignition. To start the car engine, repeat the entire procedure from the beginning.

## For emergency start via OBD2 or via connection points to units inside the car with the system

## SMART (FOR UNITS BEFORE 2017)

Connect the diagnostic cable to the vehicle connector;

Connect the device to the connector, the main menu of the function will appear on the screen of the device after the boot logo;

Select the next submenu select the item “FAST KEY”;

The inscriptions “READ DATA1”, “READ DATA2” will appear on the screen in sequence, and an inscription with the type of car key will appear at the bottom of the screen. Wait until the inscription appears: “BRING TO BUTN”.

Press the pedal (or the “START” button) and bring the device to the “START” button;

If the device is connected to the “START” button on the screen in the right

In the lower corner, the RF connection icon “*” will blink. Find the position of a stable connection and hold the device at the

button;

For vehicles with key type 94/D4/98:

wait for the car to accept the key (the start button will light up orange/green or an audible signal will sound). Press the start button and start the engine;

For vehicles with key type 88/A8/A9:

Wait for the message “ALL DATA SAVED” to appear on the device screen. And then wait until the car accepts the key and turns on the ignition, unlocks the steering wheel latch. You can start the engine;

Note:

If the inscription "LEARNING START" appeared during the diagnostic connection, the device is learning an unknown version of the smart module software;

During the learning process, the inscription may change to "ALL DATA READ" - this is normal, you need to wait until the inscription "BRING TO BUTN" appears.

Training takes place once and the subsequent connection to the same type of smart will be fast.

To exit to the main menu, press and hold the “Cancel” key.

In some cars (Toyota LC200 and Lexus LX570 from the end of 2015, key A8), when the standard alarm is armed, the central Gateway blocks access to the diagnostic connector. To bypass this blockage, it is necessary to connect with cable No. 2 to the place indicated in figures 4 and 5 (connector in the middle, white and green wire). The white heat shrink pin should connect to the white wire, the second pin to the green wire below. Further work is carried out according to the paragraph “For an emergency start of a car with a SMART system.

Рис. 4.

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Рис. 5

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**To add a key using the device**

**1) be sure to pre-bind to the car through the “FAST KEY” item (for keys 94/D4/98, binding is mandatory right before adding, for keys 88/A8/A9 once on the same machine);**

**2) Select the next submenu, select the item “ADD KEY”;**

**3) “ADD PROC START!” will appear, followed by “TOUCH MASTER!”. The “security” lamp of the car will go out;**

**4) Bring the device to the start button, a confirmation signal will sound;**

**5) bring the key to be added - a confirmation signal will be heard. Further:**

**a) for keys 94/B4/98 put the key on the passenger seat, the second confirmation signal will sound - the key is accepted;**

**b) for keys 88/A8/A9 without removing the key from the button, wait for the second confirmation signal - the key is accepted;**

**6) present, if necessary, the next key to be added and repeat the procedure according to paragraph 5;**

**7) Wait 30 seconds until the programming procedure is completed and the “security” lamp of the car starts blinking again;**

**8) Key(s) recorded.**

**9) To exit to the main menu, press and hold the “Cancel” key.**

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## Removing all but one SMART key

**Procedure:**

**1. Open the driver's door.**

**2. Connect the key programming cable to the device. The main menu should appear.**

**3. Insert the cable into the diagnostic socket. (ATTENTION!!! ALWAYS CONNECT THE CABLE FIRST TO THE INSTRUMENT AND THEN TO THE DIAGNOSTIC CONNECTOR!);**

4. Select the menu item “DIAG Utils”, and then the sub-item “Erase key” and click “OK”. “WAIT…” will appear on the screen. If an error occurs, a message will appear on the screen: “ERROR!” and error ID. Otherwise, after a successful start, a blinking asterisk will appear on the screen, indicating the progress of the process, the “Security” indicator on the car console will go out, and the letter “P” will appear in the lower right corner of the device screen.

5.- ATTENTION, IMPORTANT!!! Make sure there is only 1 key in the car.

6. Within 30 seconds, touch the logo of the already recorded key to the START button. A confirmation short beep will sound inside the vehicle. Place the key in the front passenger seat. All keys except this one are removed;

7. Disconnect the cable from the vehicle's diagnostic socket.

8. After completing the procedure, wait for the ”Security” indicator of the vehicle to flash. Only then can the engine be started.

To exit the menu, hold down the “Cancel” key of the device.

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# Steering lock identification SMART

Procedure:

1. Open the driver's door.

2. Connect the key programming cable to the device. The main menu should appear.

3. Insert the cable into the diagnostic socket. (ATTENTION!!! ALWAYS CONNECT THE CABLE FIRST TO THE INSTRUMENT AND THEN TO THE DIAGNOSTIC CONNECTOR!);

4. Select the menu item “DIAG Utils”, and then the sub-item “Set_IDcode” and click “OK”. “WAIT…” will appear on the screen. If an error occurs, a message will appear on the screen: ”ERROR!” and error ID. Otherwise, after a successful start, a blinking asterisk will appear on the screen, indicating the progress of the process, the “Security” indicator on the car console will go out, and the letter “P” will appear in the lower right corner of the device screen.

5.- ATTENTION, IMPORTANT!!! Make sure there is only 1 key in the car.

6. Within 30 seconds, touch the logo of the already recorded key to the START button. A confirmation short beep will sound inside the vehicle. Place the key in the front passenger seat. Steering lock identified;

7. Disconnect the cable from the vehicle's diagnostic socket.

8. After completing the procedure, wait until the vehicle's "Security" indicator flashes. Only then is it possible to start the engine.

To exit the menu, hold down the “Cancel” key of the device.

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# Reading the number of recorded keys

Procedure:

1. Open the driver's door.

2. Connect the key programming cable to the device. The main menu should appear.

3. Insert the cable into the diagnostic socket. (ATTENTION!!! ALWAYS CONNECT THE CABLE FIRST TO THE INSTRUMENT AND THEN TO THE DIAGNOSTIC CONNECTOR! );

4. Select the menu item “DIAG Utils”, and then the sub-item “Key_Count” and click “OK”. The screen will display “OK!” and the number of recorded keys. If an error occurs, a message will appear on the screen: “ERROR!” and error ID.

5.Disconnect the cable from the vehicle's diagnostic socket.

To exit the menu, hold down the “Cancel” key of the device.

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## Removing from the standard alarm and unlocking the car doors

**Connect the OBD2 cable to the device. Insert the cable into diagnostic socket. Select the “Unlock” menu item. For cars before 2015 “UNLOCK MT1” (for example: LC150(before 2018), Camry (before 2017), Prius IS, ES, etc.) or “UNLOCK MT2” (for example: LC200(before 2015), RAV4( until 2019), etc.) and “UNLOCK NEW” for models from 2015. Upon successful completion of the procedure, the machine will be disarmed. Disconnect the cable from the vehicle's diagnostic socket. To exit the menu, hold “Cancel” key of the device.**

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## WRITE VIN TO ECM

Connect the diagnostic cable to the instrument and connect it. Turn on the ignition (MANDATORY!!!!). Select the “VIN Utils” menu item, then the “VIN write” sub-menu item (for some models from 2018 “VIN write2”) and press the “OK” key. Enter the number by
character using the “Up-Down” keys to select the desired character and the “OK” key to move to the next VIN character. The currently entered character is indicated on the screen below the flashing “VIN:” and its position in the number is displayed after the “DIGI:” inscription. The part of the number that has already been entered will be gradually displayed in the middle of the screen, this will allow you to control the correctness of the specified characters. After entering the 17th character - after 1s, the screen will display the inscription “OK!” – VIN recorded. Otherwise, if the diagnostic CAN bus is violated, the message “ERROR! NO_CONN” – check connection integrity. To exit the menu, hold down the “Cancel” key of the device.

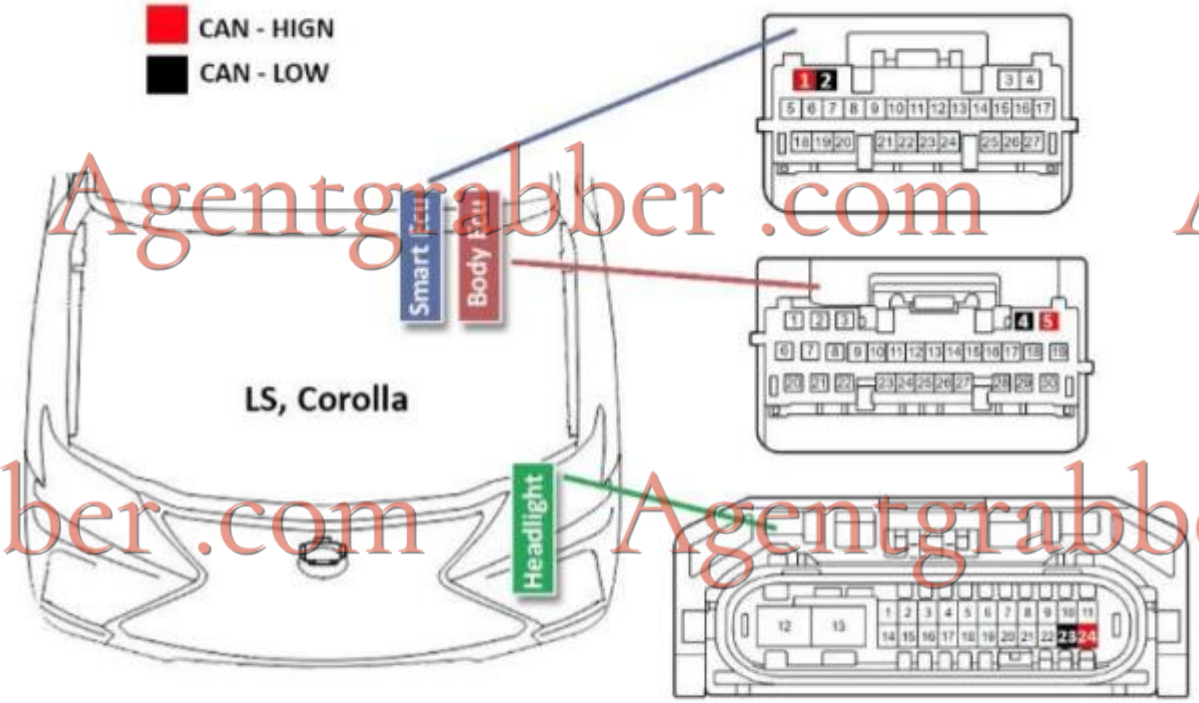
## READ VIN FROM ECM

Connect the diagnostic cable to the instrument and connect it. Turn on the ignition (MANDATORY!!!!). Select the “VIN Utils” menu item, then the “VIN read” sub-item and press the “OK” button. After 1s, the inscription “VIN:” will appear on the screen, and below the number obtained from the car blocks. Otherwise, if the diagnostic CAN bus is violated, the message “ERROR! NO_CONN” – check connection integrity. To exit the menu, hold down the “Cancel” key of the device.

## DELETE VIN FROM ECM

Connect the diagnostic cable to the instrument and connect it. Turn on the ignition (MANDATORY Select the “VIN Utils” menu item, then the “VIN Clear” submenu item and press the “OK” key. After 1s, the screen will display “OK!” – VIN is deleted. Otherwise, if the CAN diagnostic bus is broken, the message "ERROR! NO_CONN" - check the integrity of the connection To exit the menu, hold down the "Cancel" key of the device.

B2) Connection points for LS, Corolla - ( key A9, AA )




B3) Connection points for RAV4 - ( key A9, AA )

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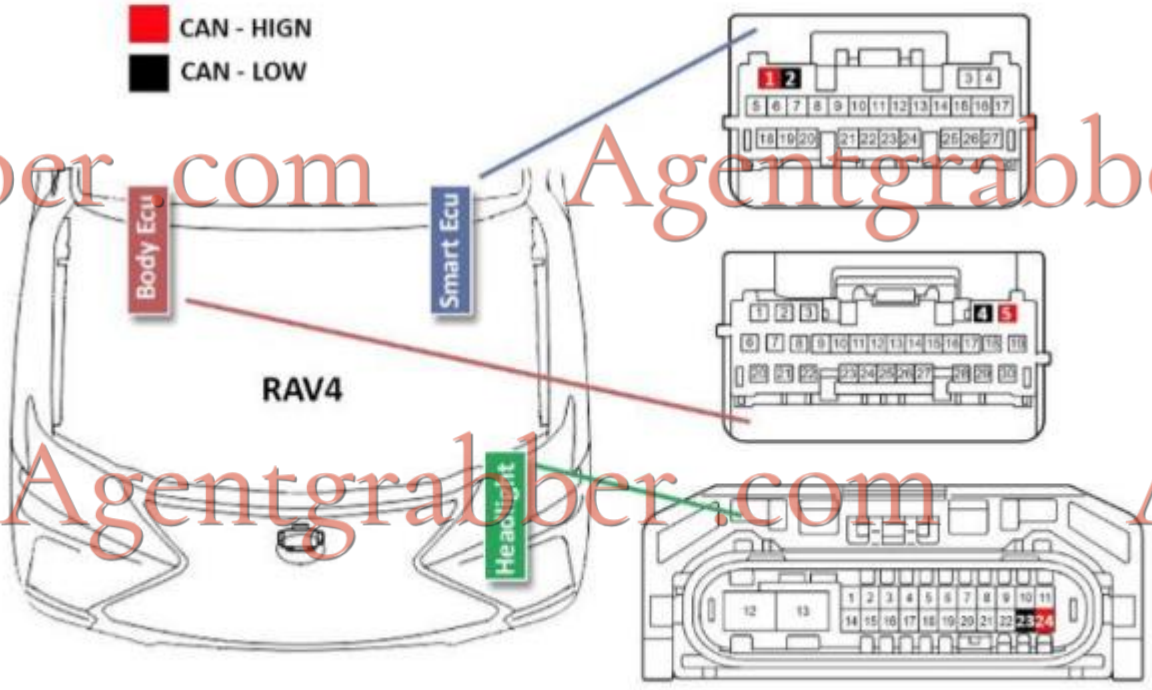


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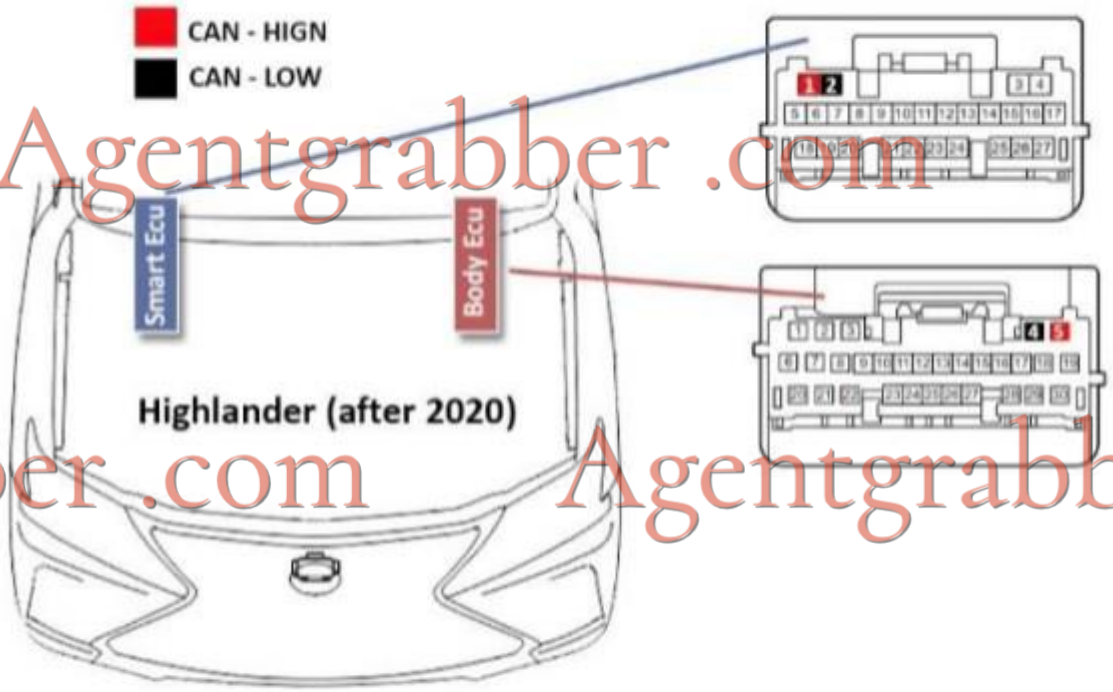
B4) Connection points for Highlander ( after 2020 ) - ( key A9, AA )

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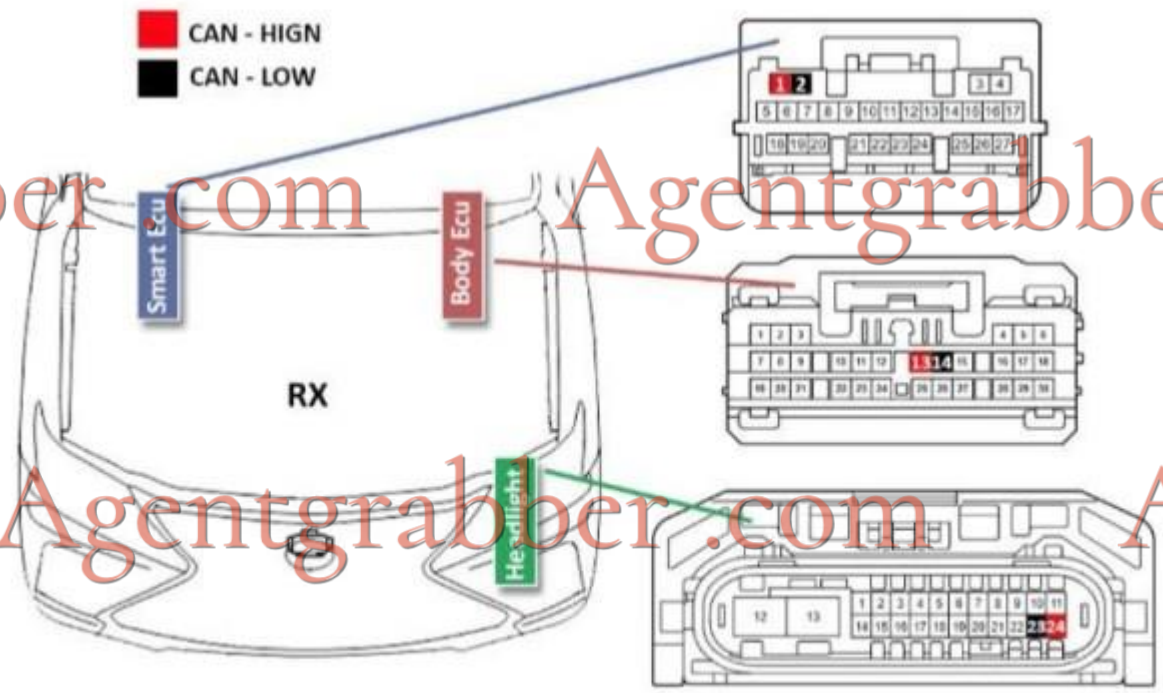
B5) Connection points for RX, Harrier - ( key A9, AA )

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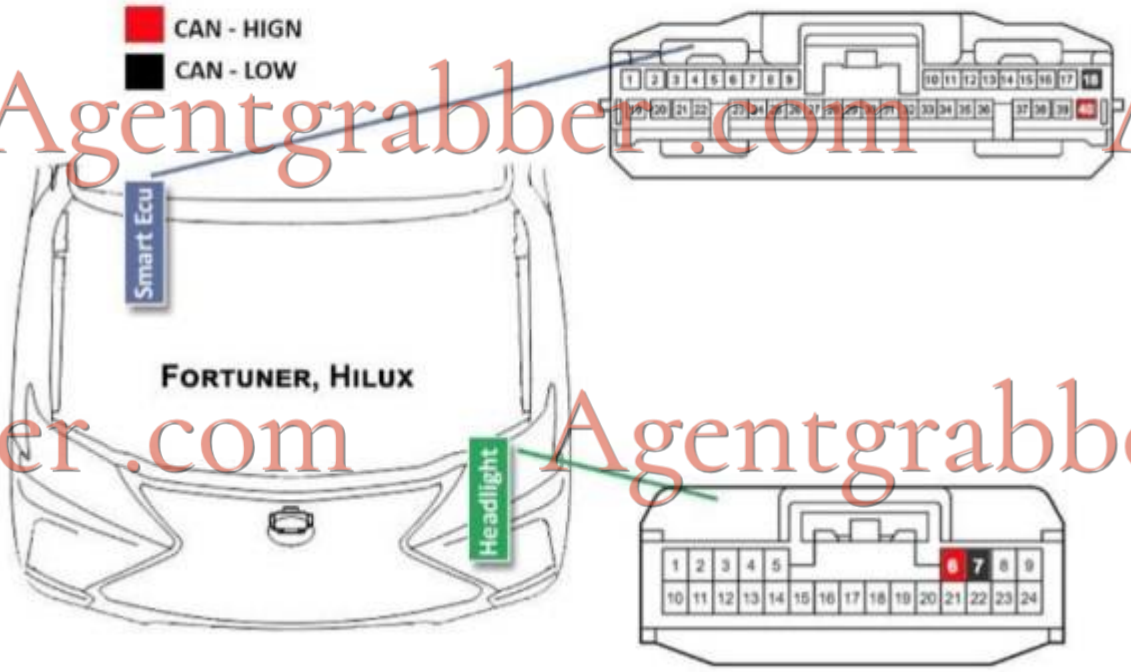
C1) Connection points for Fortuner, Hilux - ( key 39 )

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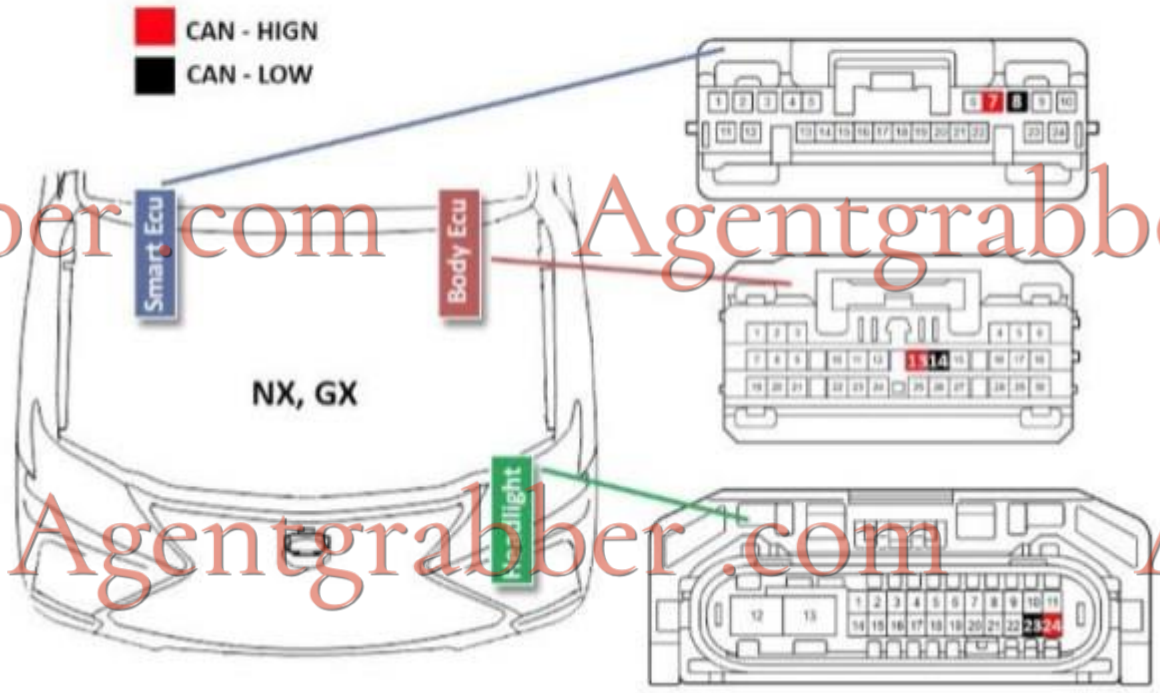
A1) Connection points for NX, GX - ( key A8 )

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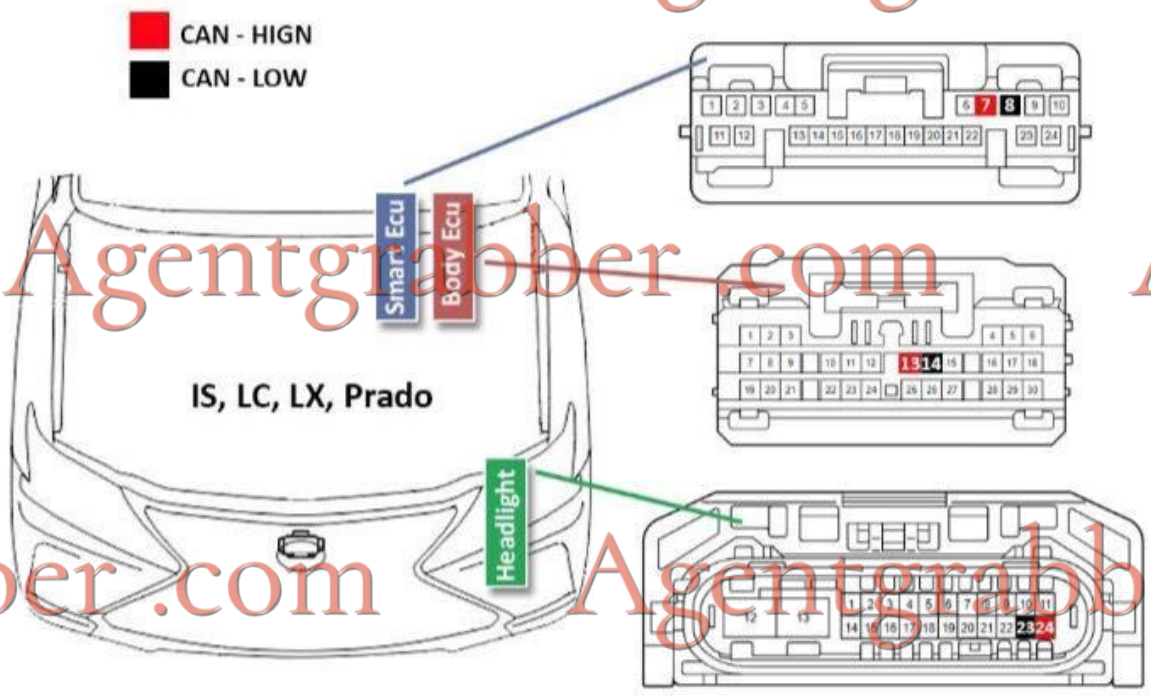
A2) Connection points for IS, LC, LX, Prado - ( key A8 )

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