


QTR Window Control Device

For **TOYOTA SOARER** and **LEXUS SC430**

User's manual

YouTube Explanatory video URL : <https://youtu.be/3iO1n1dQS6U>

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Brief description

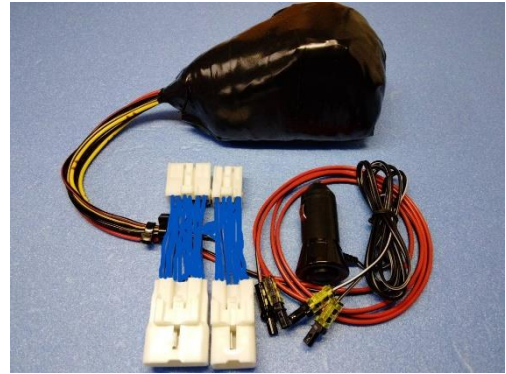
Thank you for purchasing the QTR Window Control Device.

For lexus sc430, this device realizes [roof open + QTR window raised] and [roof closed + QTR window lowered] when the roof opening and closing operation is completed.

In addition, you can also raise or lower only the QTR window with the roof switch. (Cannot be done while driving)

The prototype of this device was created by me in 2009, and has been proven trouble-free for about 14 years. This time, I have improved it so that anyone can easily install it and started selling it.

In making improvements, focused on reliability and safety above all else. to improve reliability, Specifically, adopted a one-pack 4-channel relay to improve reliability, reducing wiring and the number of parts. Those parts are from highly reliable Japanese manufacturers. In addition, adopted relays and wiring that have sufficient margin for the motor power that drives the windows. Furthermore, after assembly, bench tests are performed to confirm normal operation and complete the product, so you can use it with confidence.



■ Note ■

You agree to assume all responsibility for the installation and use of the Product as stated on the Product Purchase Page. Therefore, please read this manual carefully before installing and using the product.

■ Note ■

When lifting the product, be sure to hold it by the main body, not by the wires only.

■ Note ■

Never open the cushion protection sheet of the main unit. When opened, the wiring may become poor contact. In that case, we cannot accept returns or compensation.

How to install

1. First, park the car in a safe place, put it in the P range and apply the parking brake.
2. Check your surroundings for safety and start the engine to check if the roof operates normally.
3. Close the roof completely and remove the engine key.
4. Remove the trunk floor panel. Here's how to remove it:
 - (1) Remove the storage compartments (trays) on the rear left and right sides of the trunk room.
 - (2) Remove the entire toolbox.
 - (3) Remove the ring for securing the cargo.
 - (4) Remove the floor panel.

5. Install the relay body.

- (1) Place the relay unit under the black frame on the left side of the front of the luggage compartment. It can be installed in just size.
- (2) Remove the two connectors (couplers) in front of the roof computer and connect the device connector.



If there is an optional unit in place of the connector, remove it before connecting the connector.

6. Remove the back seat cushion. Grasp the front edge of each of the right and left seating surfaces from below, apply force, and lift them up at once to remove them. Please put the removed seat out of the car.



7. Run the power cord through the room and connect it to the power socket cord.

- (1) The longest cord coming out of the relay body is the power cord. There is a hole in the bottom left of the woofer speaker that leads to the room, from there, run the power cord



(2) Connect the power cord connector and the power socket cord connector. Either positive or negative connector is OK.

The connectors can be mated by twisting them 180 degrees to each other.

(When removing, apply a little force and pull it out.)



(3) While pushing the power socket cord to the side of the console box, guide it forward and insert the power socket into the AUX power socket or cigarette lighter socket inside the console box.

(If you are familiar with it, you can connect the cord from the rear of the console box through the emergency trunk opener to the AUX power socket in the console box, or remove the console panel and pass the cord through the back of the cigarette lighter socket.)



8. Operation test (before putting back the floor panel and seat)

(1) Close the tonneau cover in the trunk and close the trunk.

(2) Start the engine after confirming the safety around the car.

(3) Confirm that it operates normally according to the "How to use"

(4) If it does not work properly, check the following points.

- Is the tonneau cover closed tightly?
- Is the luggage door locked securely?
- Is the luggage door opener cancel switch on the right side of the glove box pushed in?
- Is the vehicle's AUX power fuse or cigar power fuse blown?
(If the switch on the power socket of the device is pressed, the power is coming if it glows blue.)
- Is the connector to the roof computer mated securely? (4 places)
- Is the connector that connects the power cord and power socket cord connected correctly?
- Are any wires disconnected from this device?

9. Restore floor panels and seat cushions

(When returning the seat, do not forget to expose the seat belt lock part.)

How to use / TYPE-1

Choosing the result form after roof operation

(1) When OPENING the roof

FORM1 : [Roof OPEN + QTR DOWN] ⇒ Device OFF Press the roof switch [OPEN]

FORM2 : [Roof OPEN + QTR UP] ⇒ Device ON Press the roof switch [OPEN]

(2) When CLOSING the roof

FORM3 : [Roof CLOSE + QTR DOWN] ⇒ Device ON Press the roof switch [CLOSE]

FORM4 : [Roof CLOSE + QTR UP] ⇒ Device OFF Press the roof switch [CLOSE] ✖

✖ : Before pressing [CLOSE], momentary press [OPEN]

(Lower the QTR window slightly to protect it from roof down impact.)

How to use / TYPE-2

Activate QTR window only

(1) IF the ROOF is OPEN

① To RISE UP QTR ⇒ Device ON Press the roof switch [OPEN]

② To LOWER QTR ⇒ Device OFF Press the roof switch [OPEN]

(2) IF the ROOF is CLOSED

① To RISE UP QTR ⇒ Device OFF Press the roof switch [CLOSE]

② To LOWER QTR ⇒ Device ON Press the roof switch [CLOSE]

Device push OFF state



Device push ON state



■ Note ■

Please note that the motor will overheat if you raise and lower the windows and roof over and over in succession.

■ Malfunction ■

The product is fully tested and shipped, but in the unlikely event that it malfunctions, please contact us by email. supersc430@gmail.com If you send it back within one month after the product arrives, we will refund or replace the product.

(If the trunk cannot be opened, pull the emergency opener on the bottom of the console box to open it, so remove the device to return to the normal state and try opening and closing the roof.)