

Date...../...../.....

Version 1.0



# **SAMMITR**

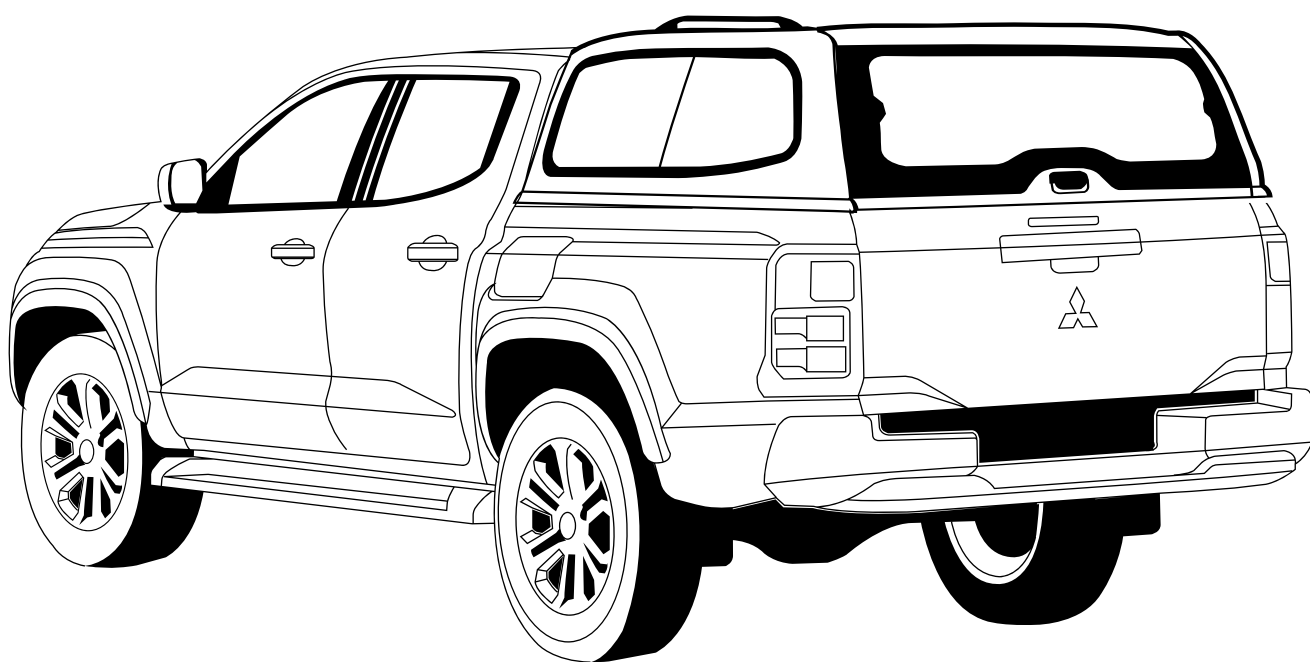
## **Mechanical Installation Manual for**

## **Mitsubishi Triton 2023**

*S-plus* **V2**



**SAMMITR**

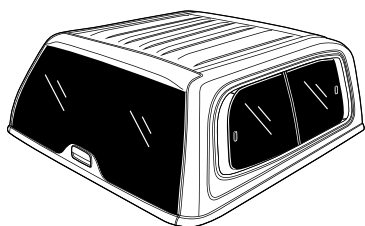




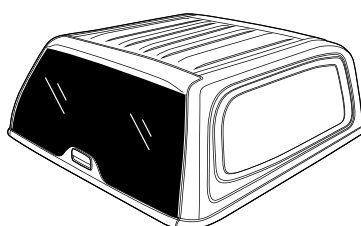


# SAMMITR

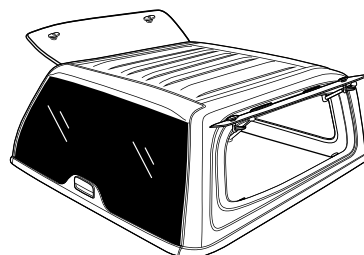
## ■ Steel Canopy S-Plus V2



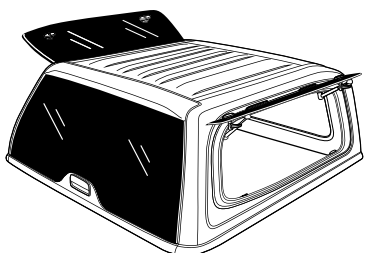
Glass Slide Window



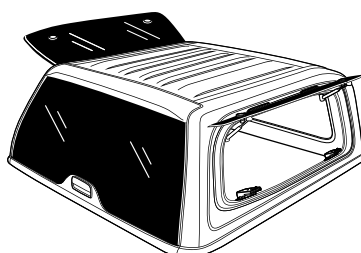
Solid Window



Solid Birdwing Window (Handle Lock)

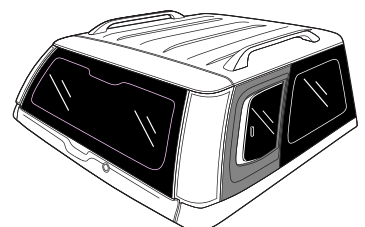


Glass Birdwing Window (Handle Lock)

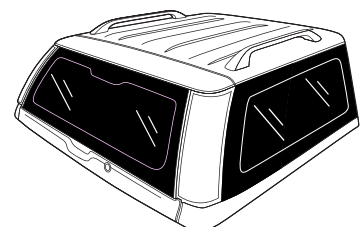


Glass Birdwing Window (Electric Lock)

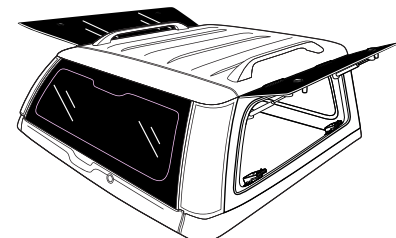
## ■ Steel Canopy SUV-Plus V4



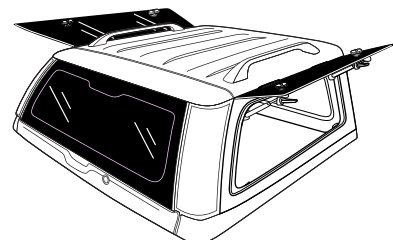
Glass Slide Window



Glass Fix Window

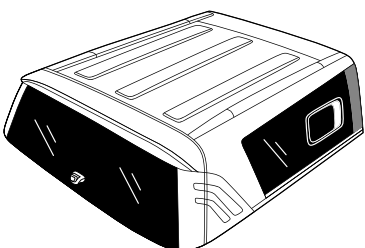


Glass Birdwing Window (Electric Lock)

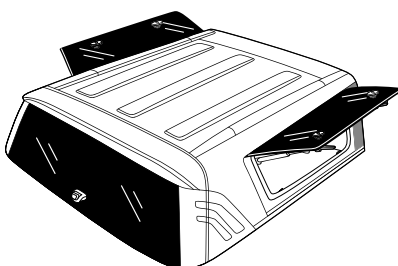


Glass Birdwing Window (Handle Lock)

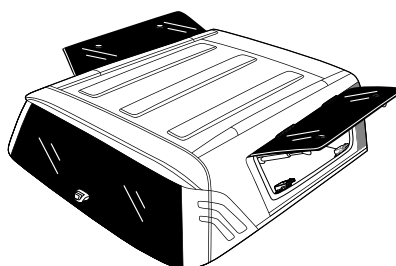
## ■ Steel Canopy TL-1



Glass Slide Window



Glass Birdwing Window (Handle Lock)



Glass Birdwing Window (Electric Lock)



## Mechanical Installation Manual All Models

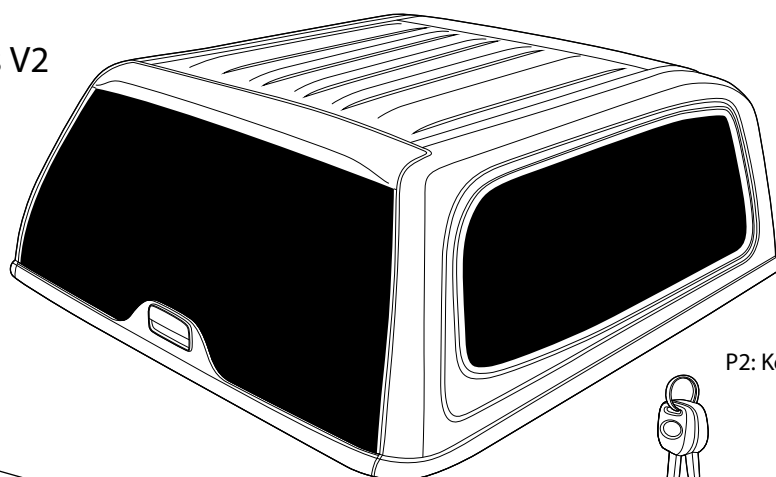
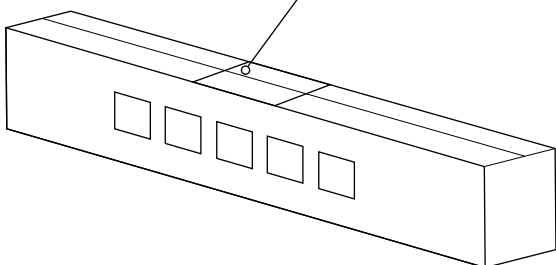
Steel Canopy : V2  
Version 1.0

### Part In Main Carton

P1: Steel Canopy S-Plus V2

### Kit Box

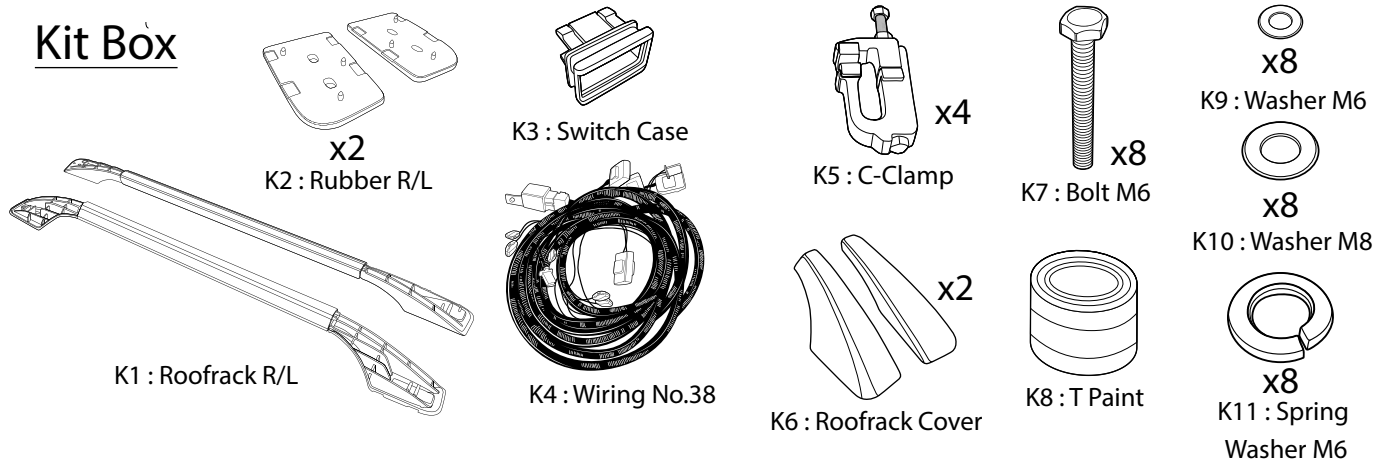
Part List Paper



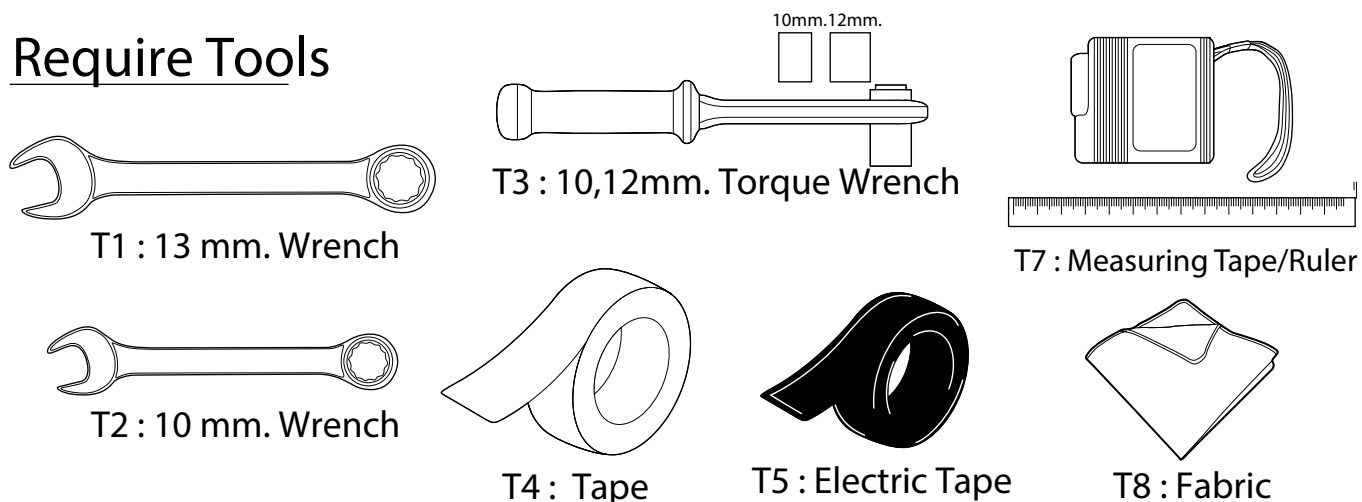
P2: Key



### Kit Box



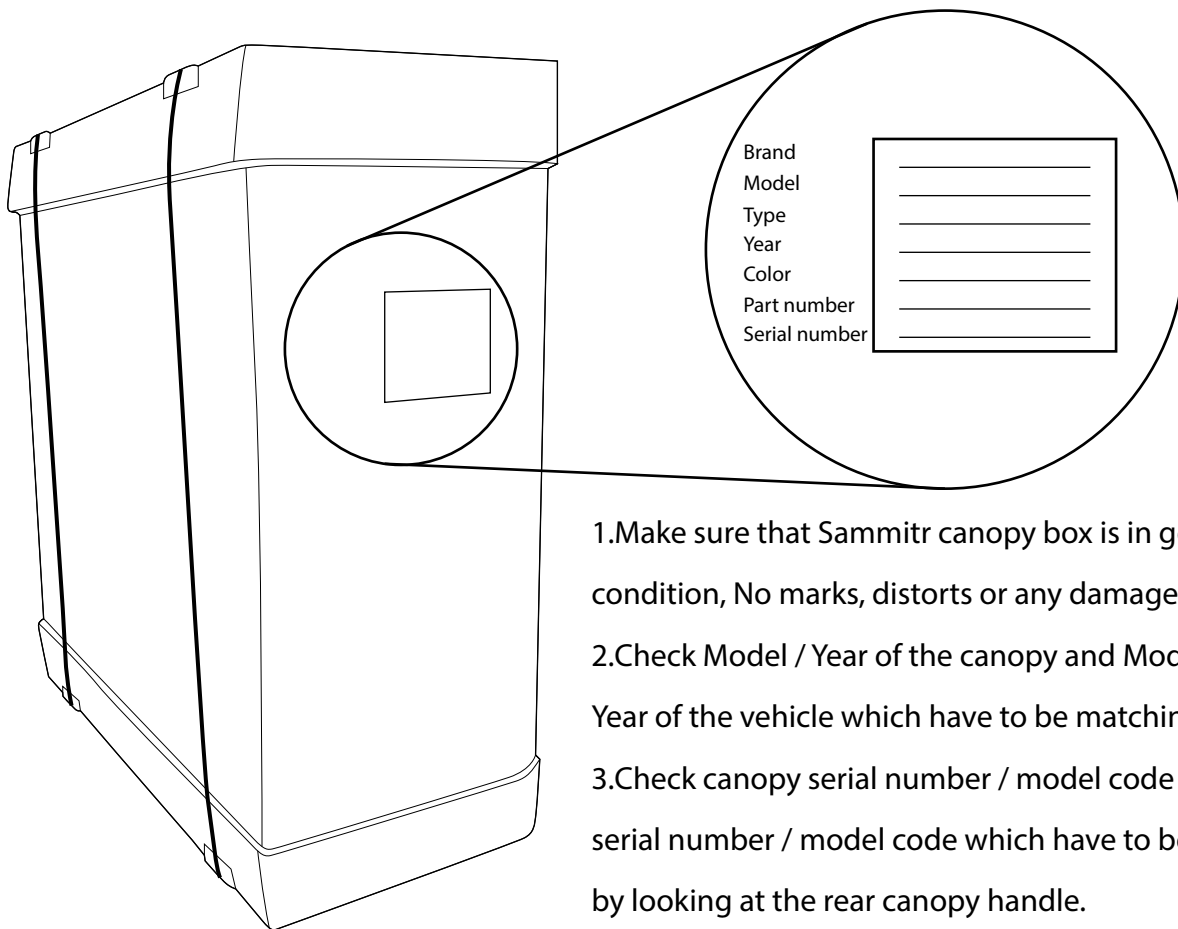
### Require Tools



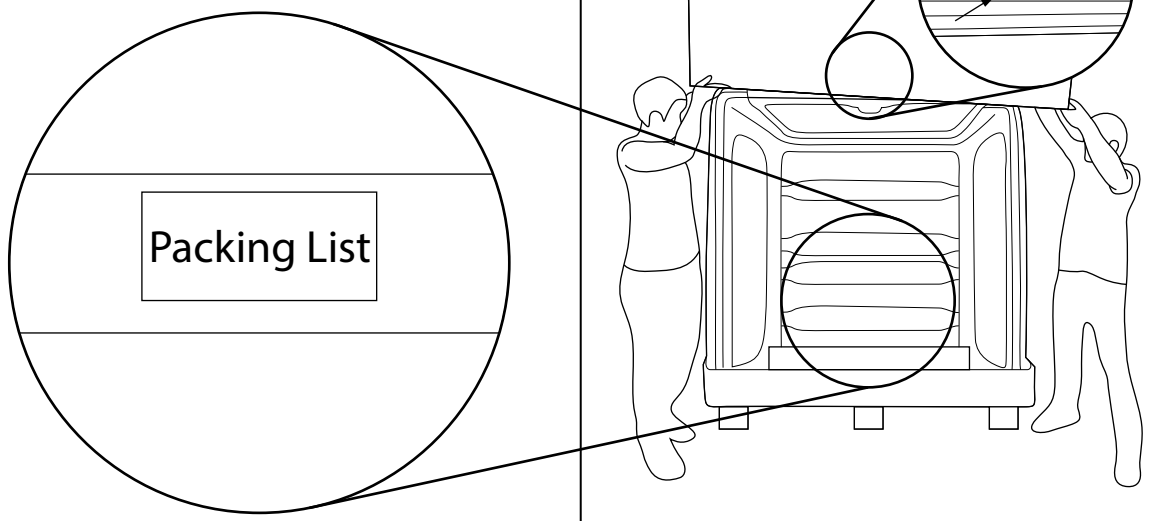


1

## The Procedure of checking the Sammitr canopy box before installation.

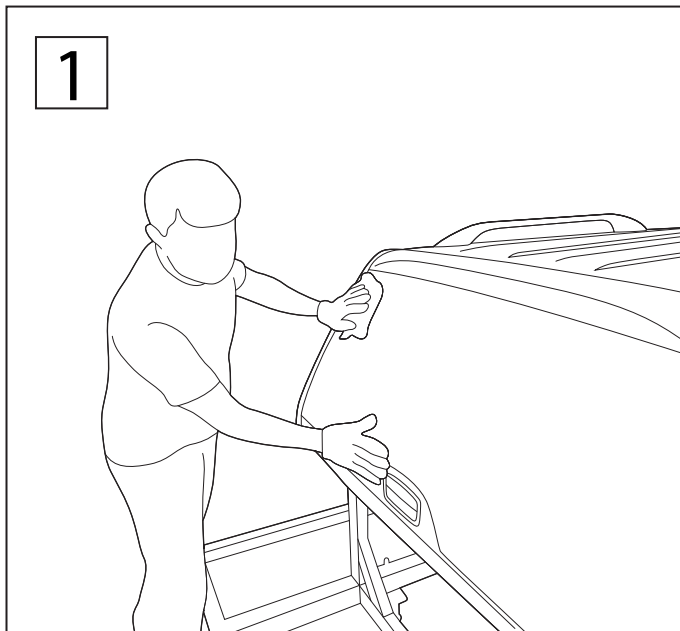


4. Check all the accessories received inside the box with the Packing List.

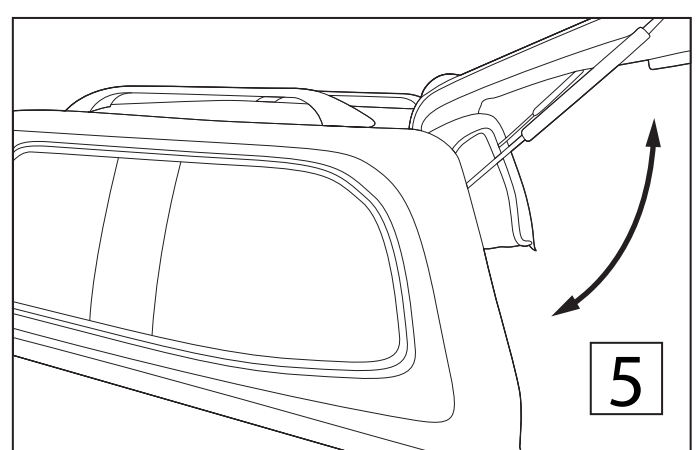
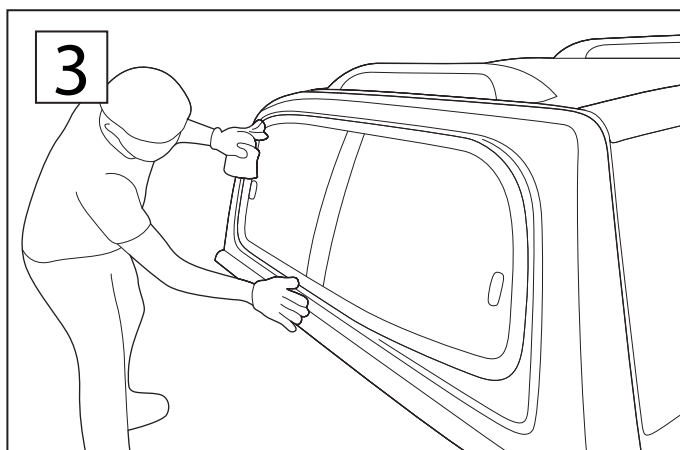
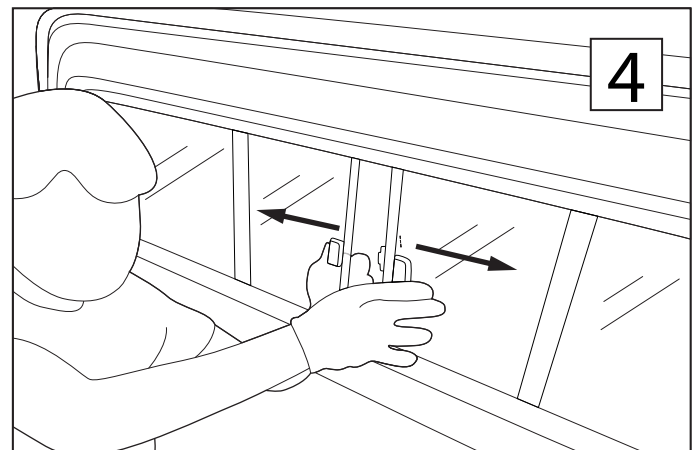
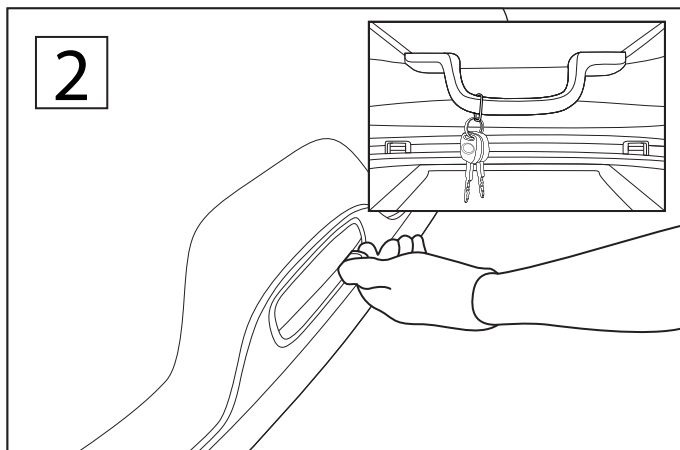




## ② The preparation process of Sammitr Canopy V2 model before installation with the vehicle.



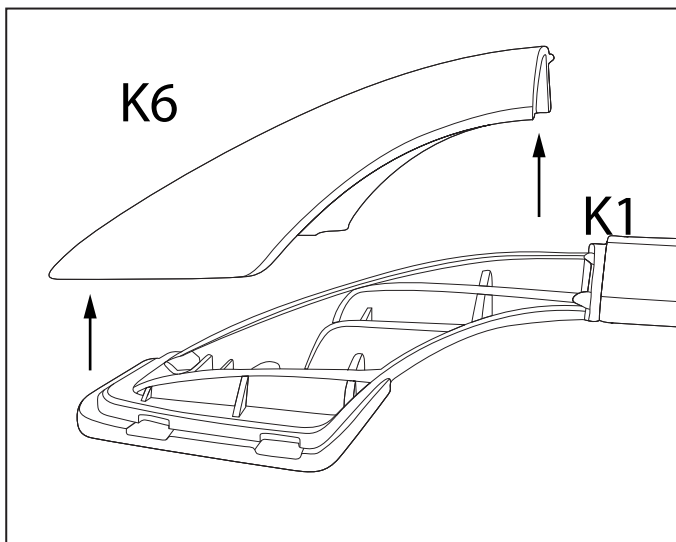
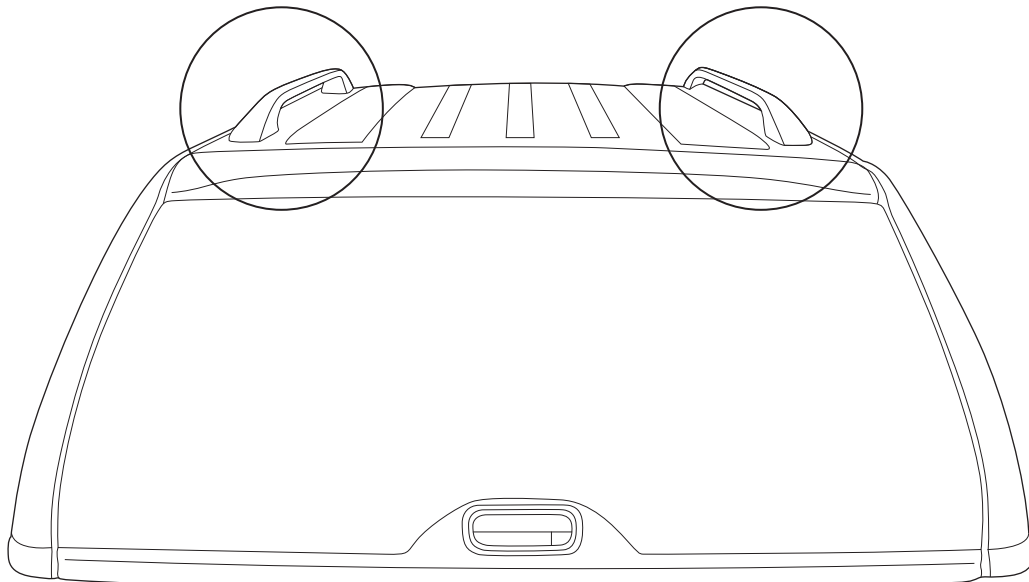
1. Canopy have to be in good condition, no damage, dent, cracks, smooth surface including no window damages or cracks.
2. Locking system is working for both keys.
3. Canopy sides are not damage, dent or cracks.
4. Canopy front window panel is working (open/close), no cracks or damages occurrences.
5. Check the Rear Door by open and close.





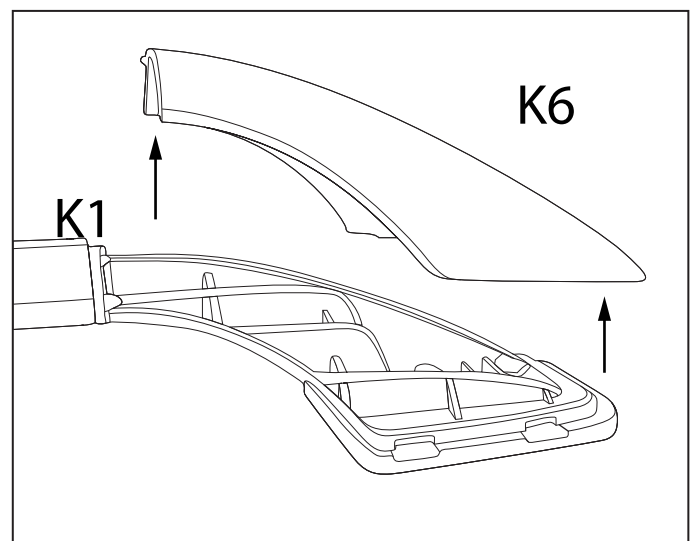
3

The process of Roof rack installation manual of the S-Plus V2 canopy before installs on the vehicle.



The process of remove the roof rack cover on the S-Plus V2 canopy in order to install nuts.

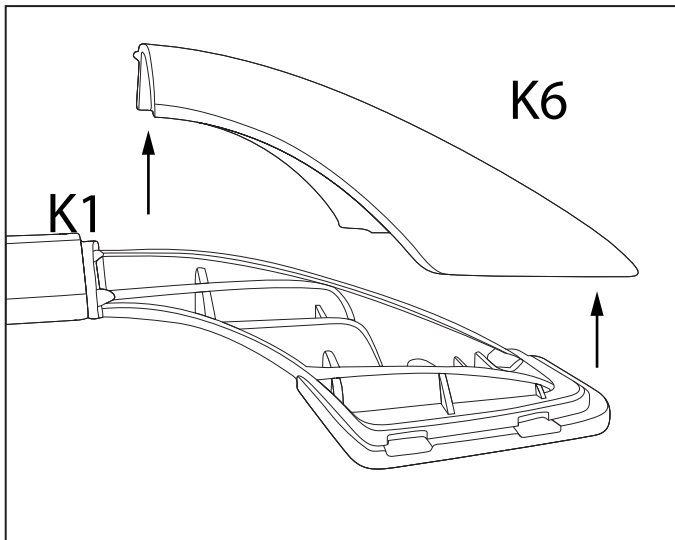
Roof rack Front Part – Rear Left



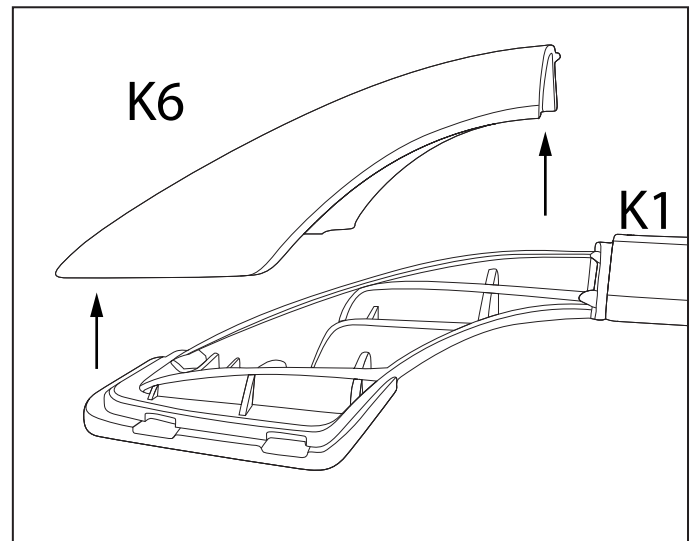


4

Roof rack Front part  
Rear Right.



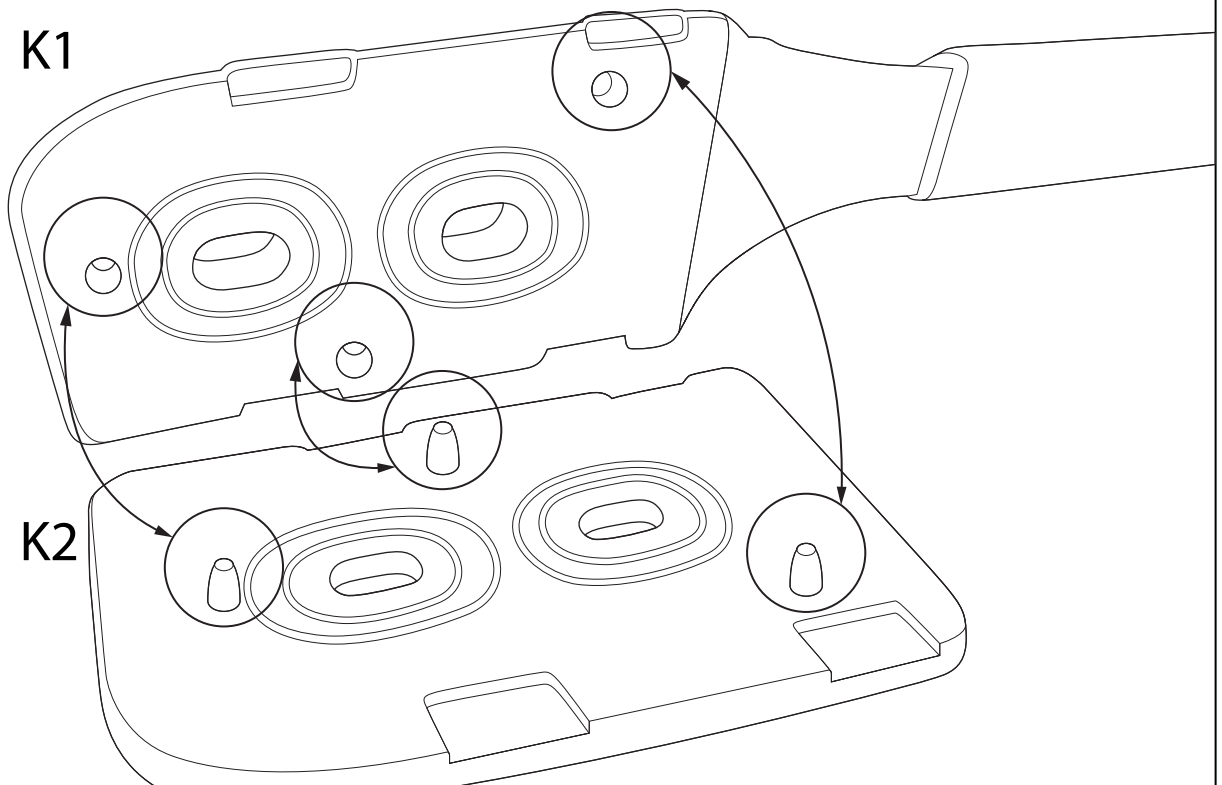
The process of remove  
the roof rack cover on  
the S-Plus V2 canopy  
in order to install nuts.



5

K1

K2



Rubber Pad dispatch position of the Roof rack legs when install on the canopy.





6

Bolt M6

K7

Washer M6

K9

SpringWasher M6

K11

Washer M8

K10

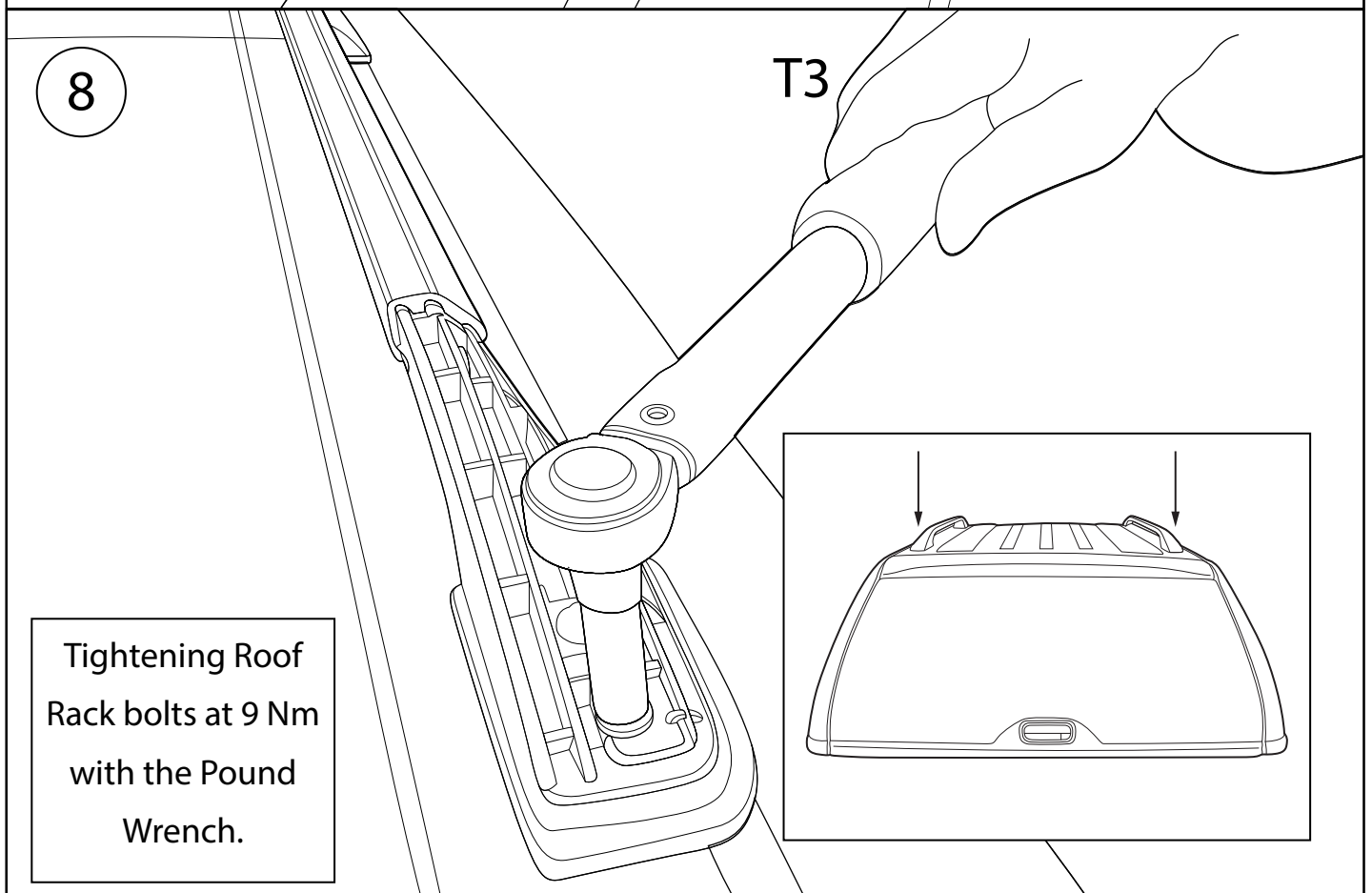
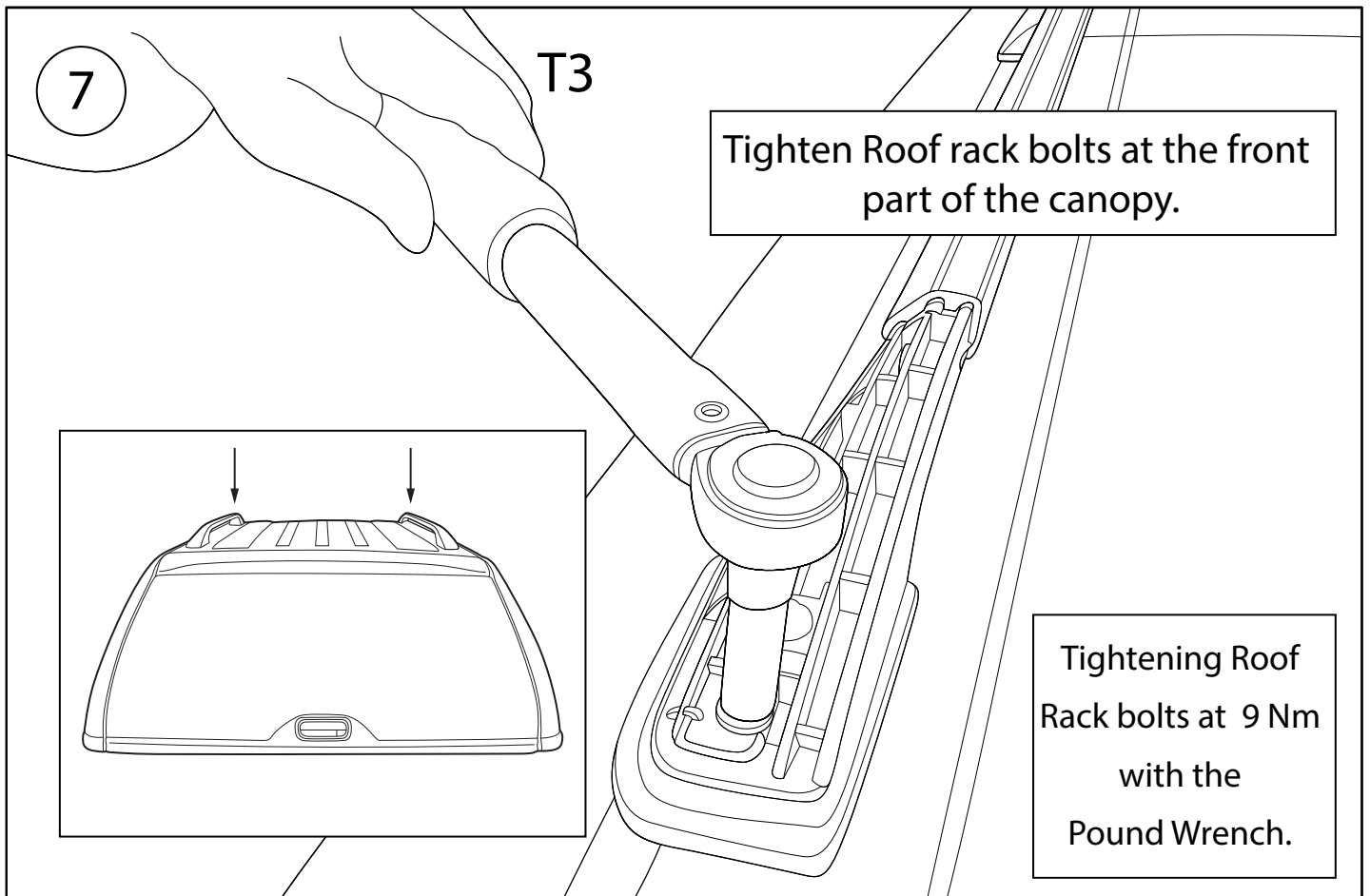
Roof rack

K1

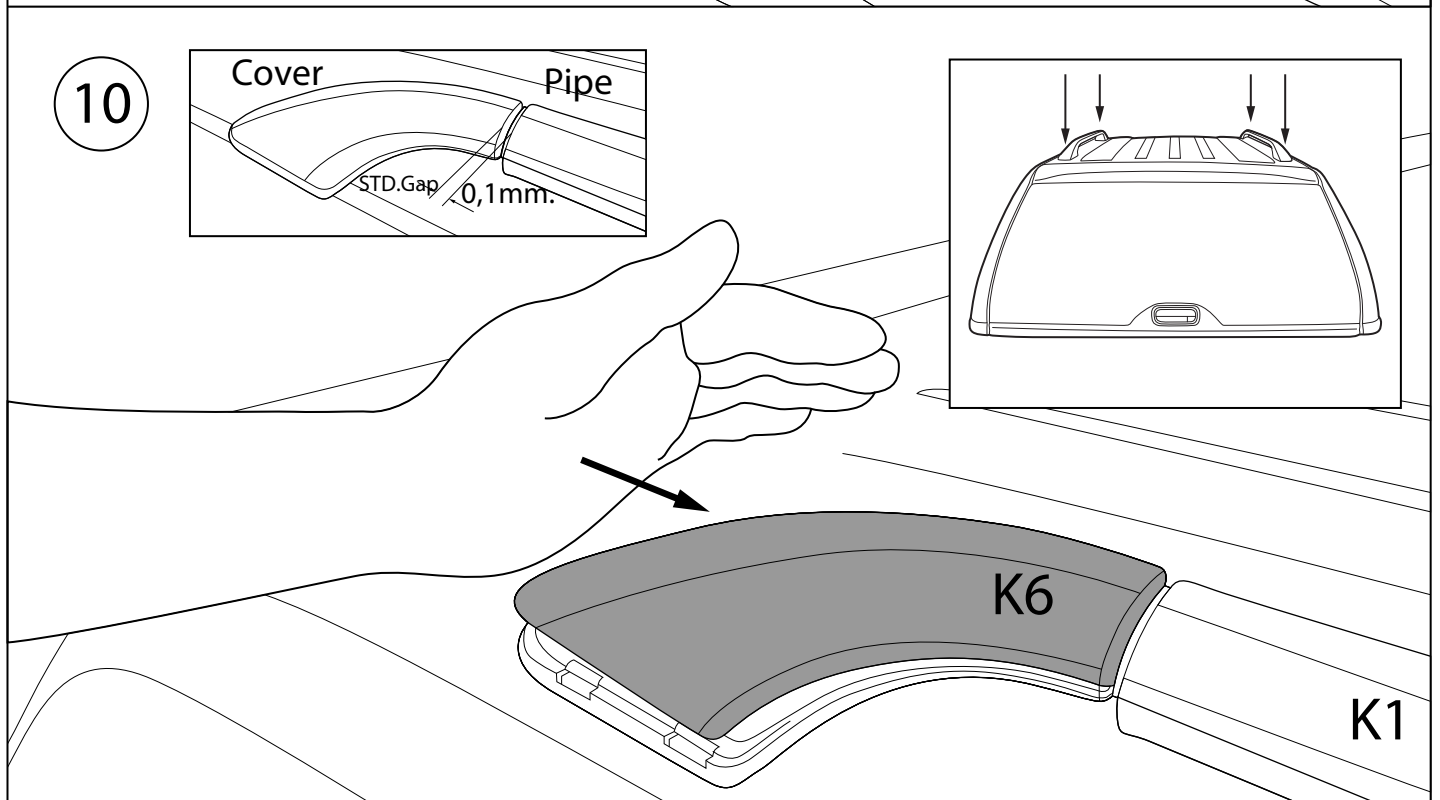
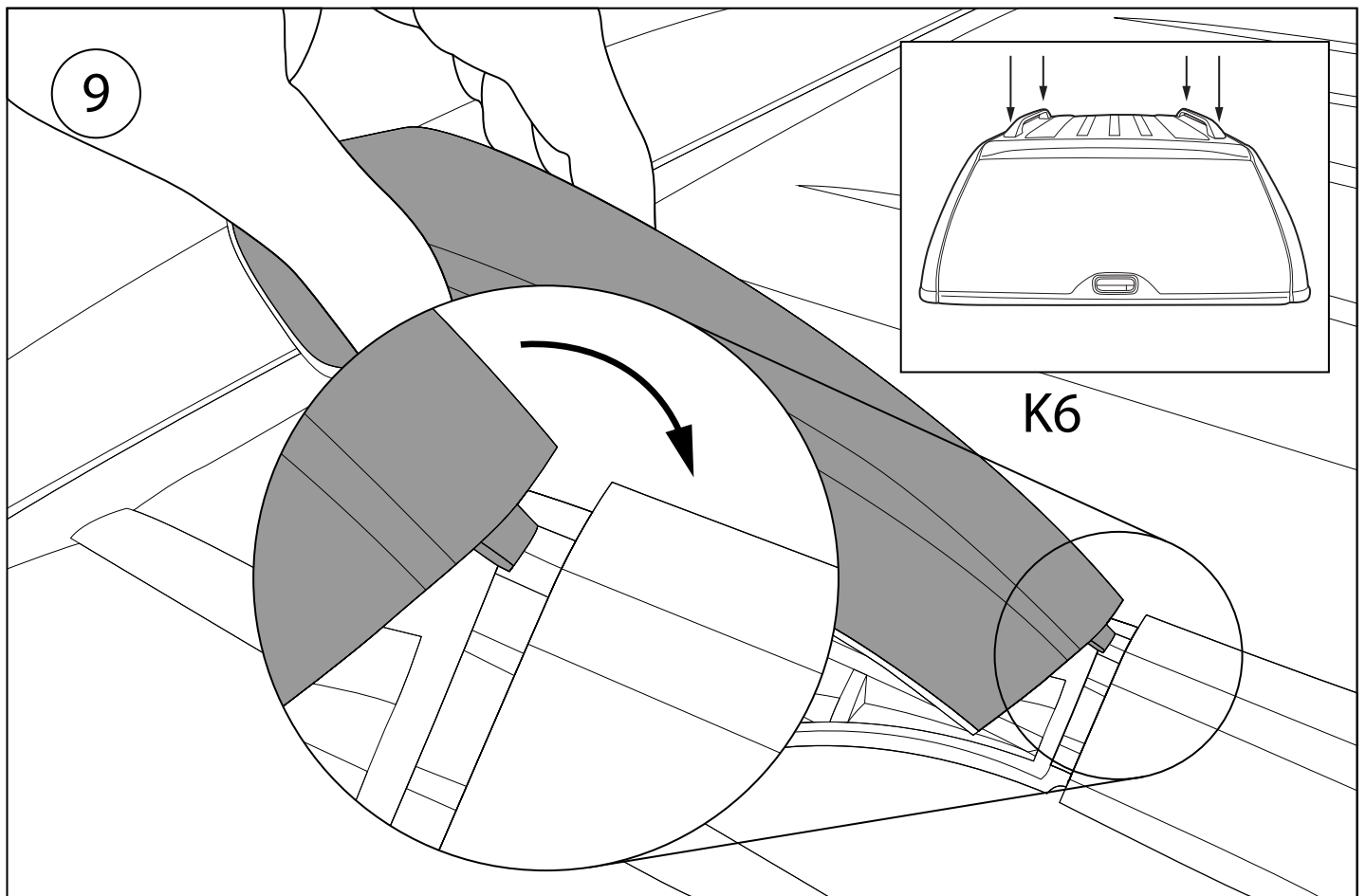
Rubber Pad

K2

The process/step of install Roof rack accessories on the S-Plus V2 canopy, all 4 points.



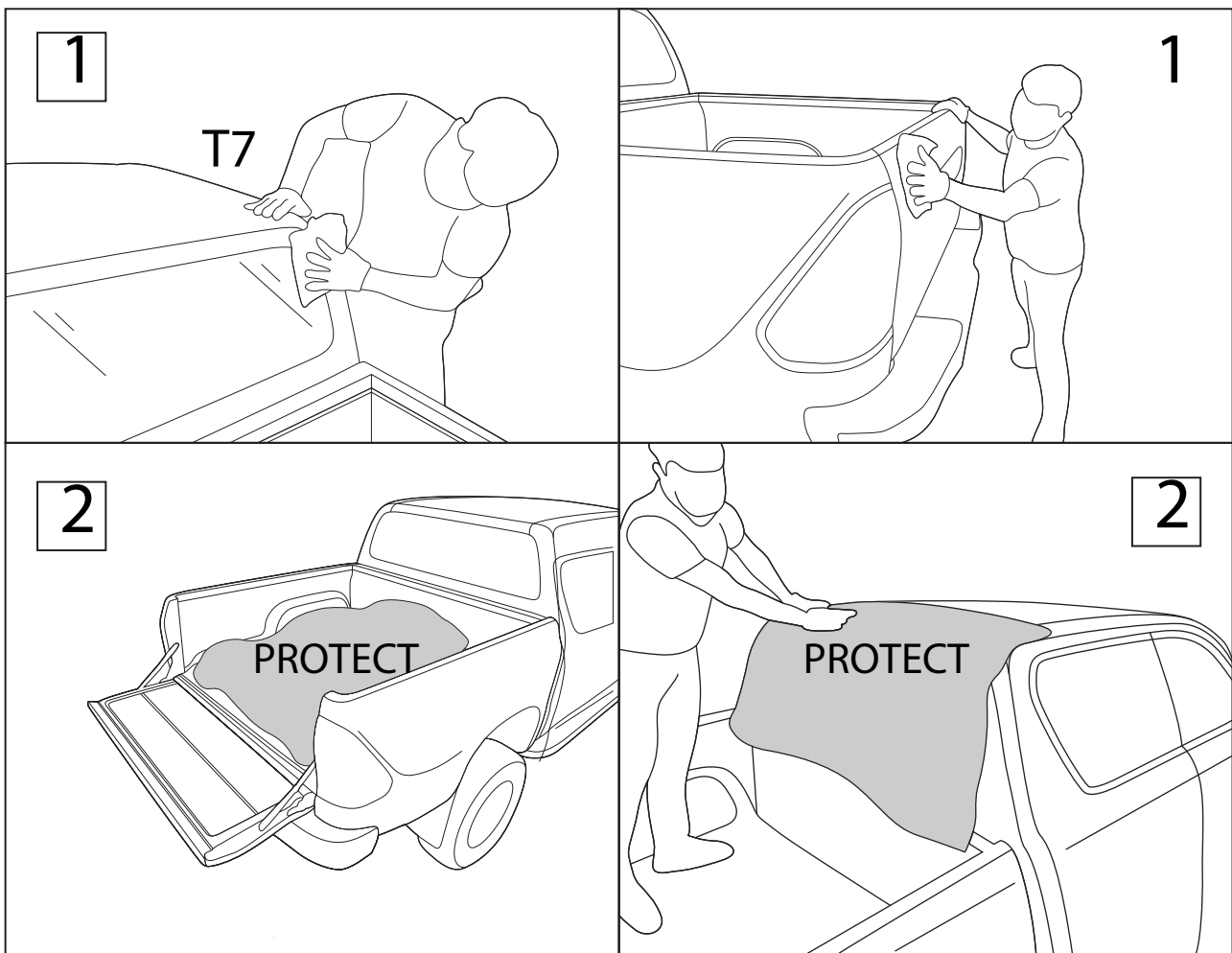


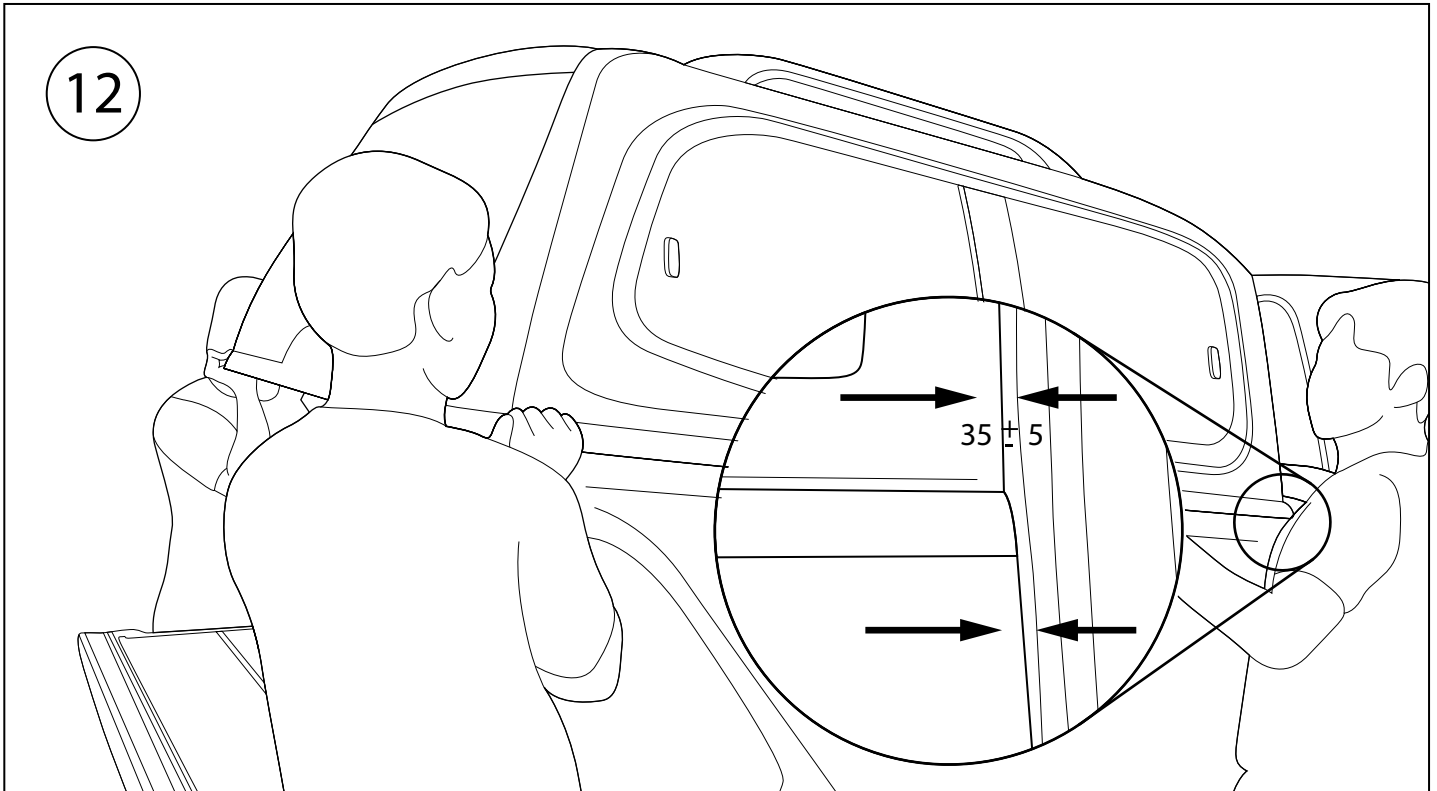


Press and push the Roof rack cover back to the position by hand, then check the gap between cover and roof rack ( pipe )

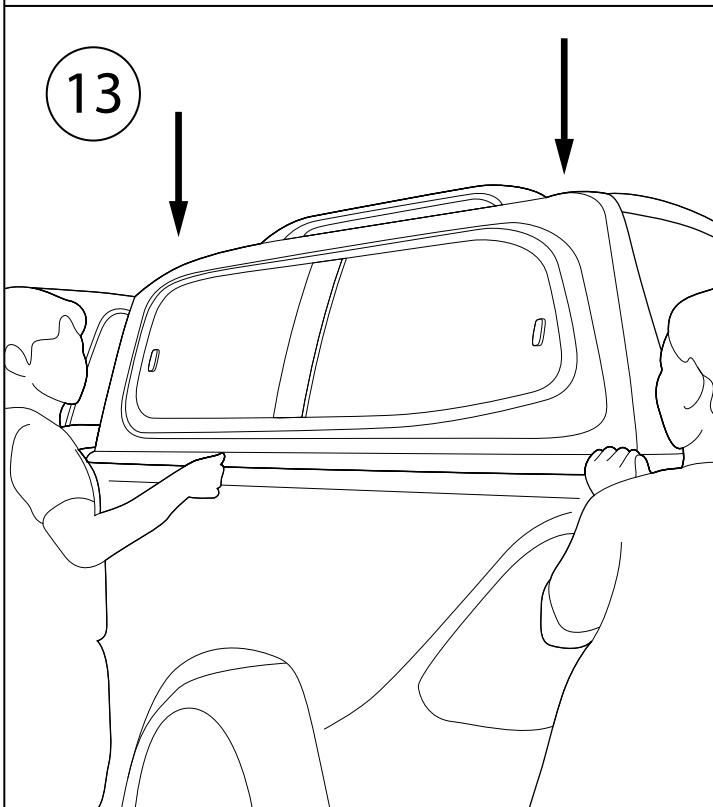
## 11 The process of checking and preparing the Mitsubishi Triton vehicle before install the canopy

1. Clean up the vehicle body including the top, all sides and Rear tub.
2. Cover the fabric to protect the scratches resistant.

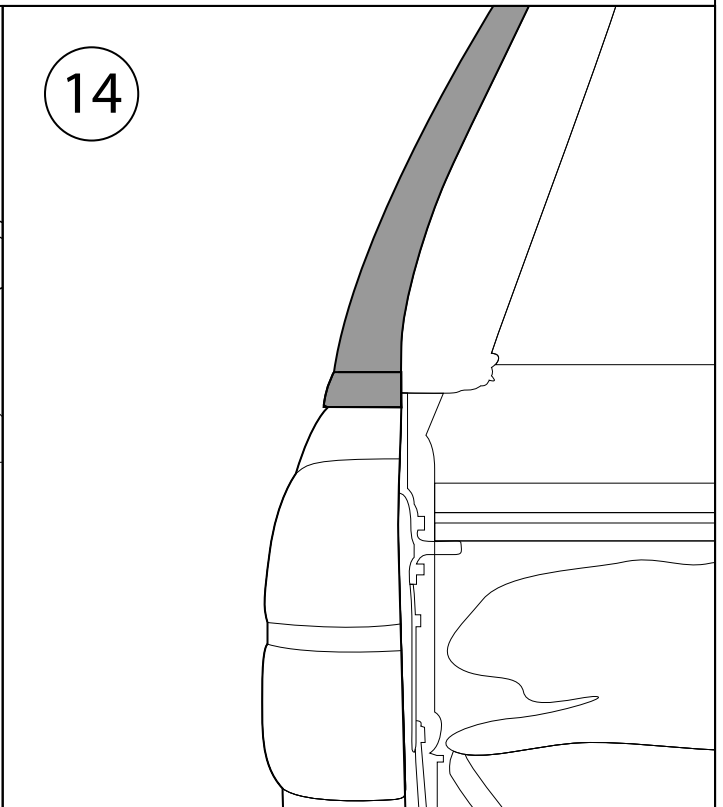




Lift canopy over the pick up truck by rising the rear part higher and the front part to be in the parallel with the edge of the vehicle tub.



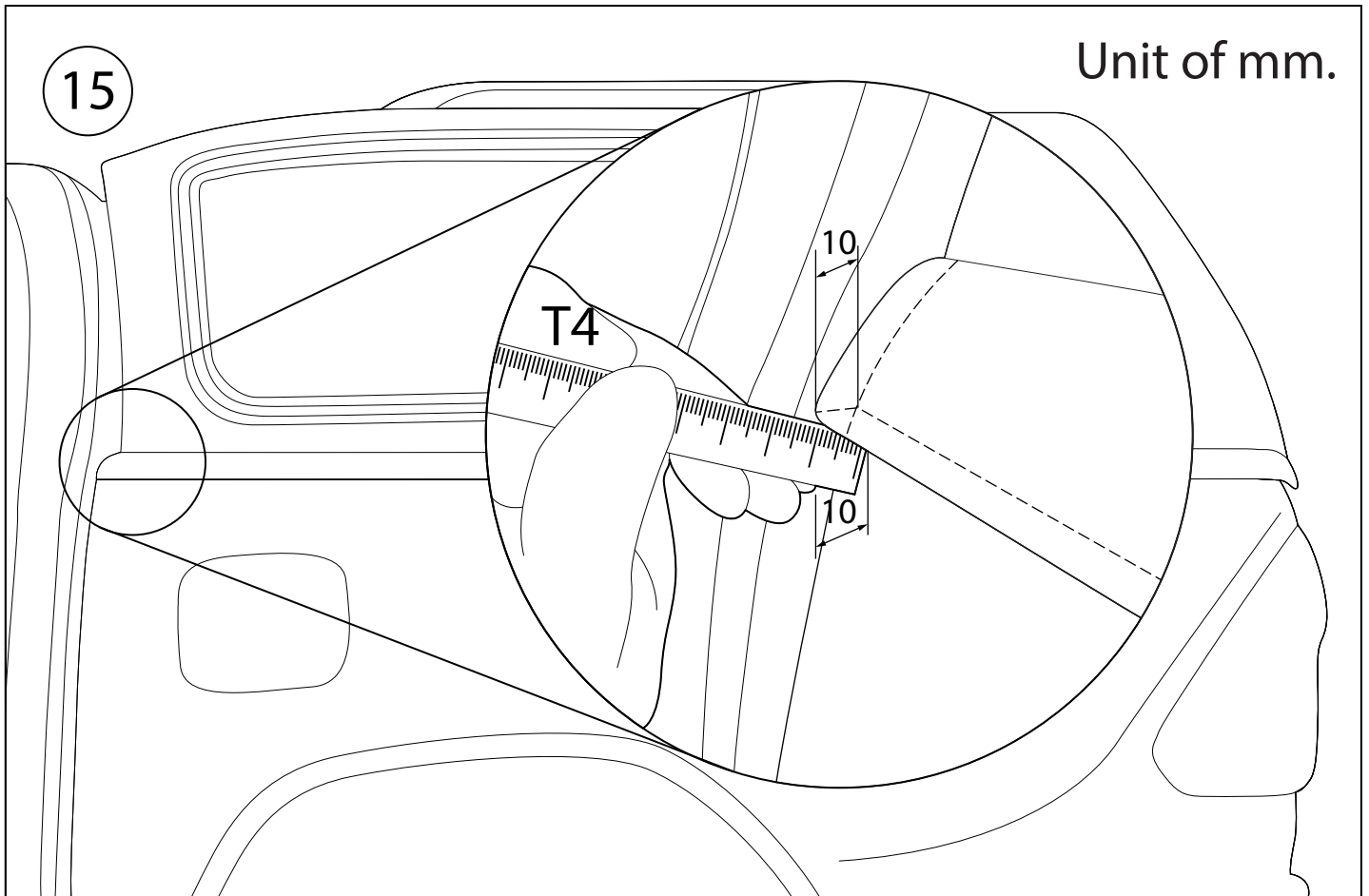
After get the distance in front part and then put the rear part to cover the vehicle tub.



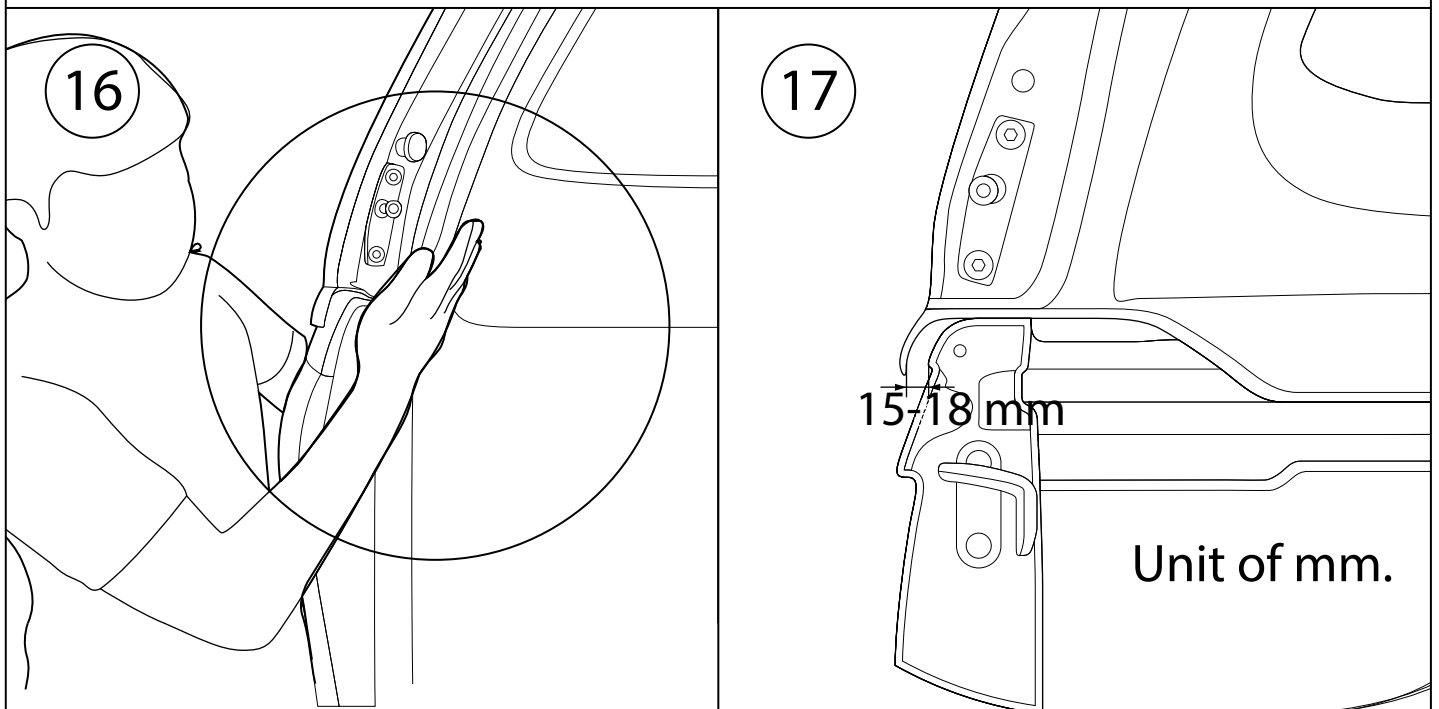
Make sure the distance between canopy edge and vehicle rear tub are equivalent both left and right sides.



Unit of mm.

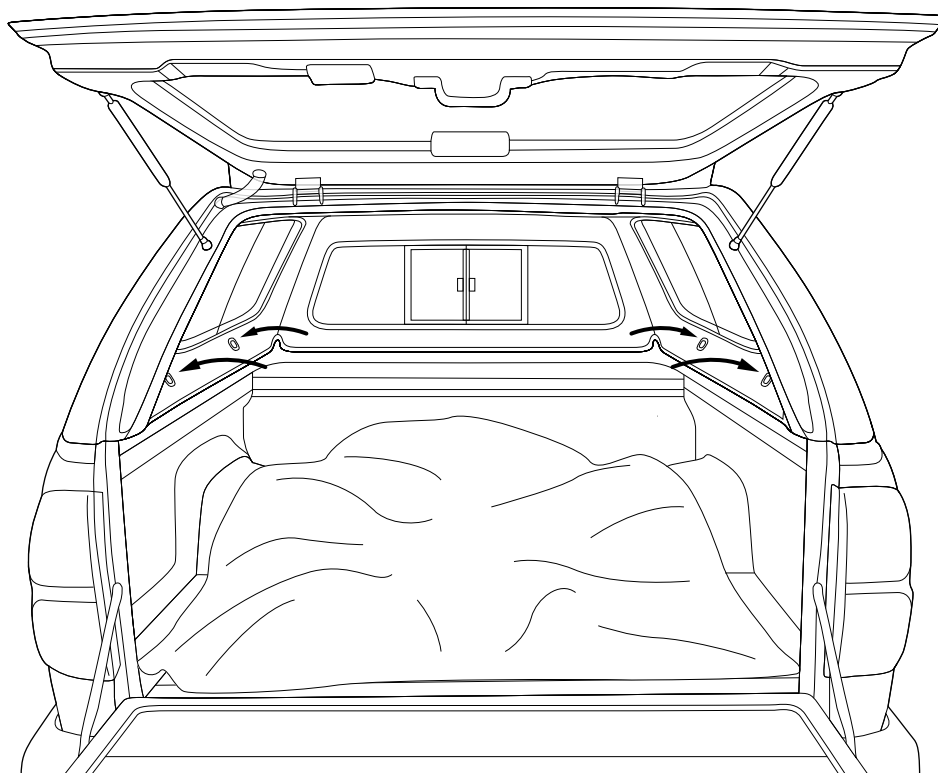


Measure the distance between canopy coverrail and the vehicle, to have the 10-13 mm distance in overall



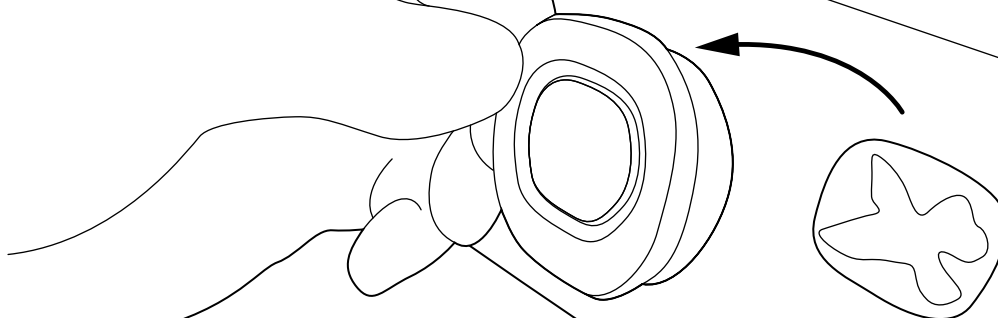
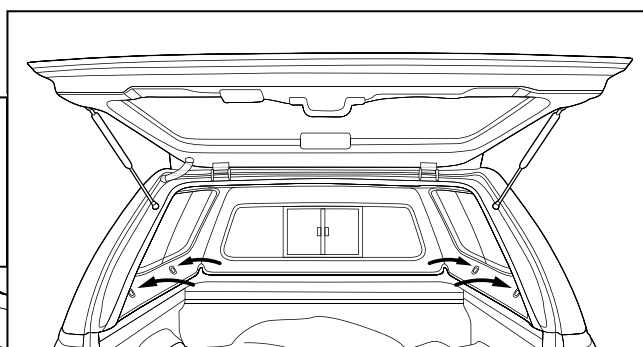
After finished measure the front part, check the distance at rear part of canopy which must have the distance of 15-18 mm.

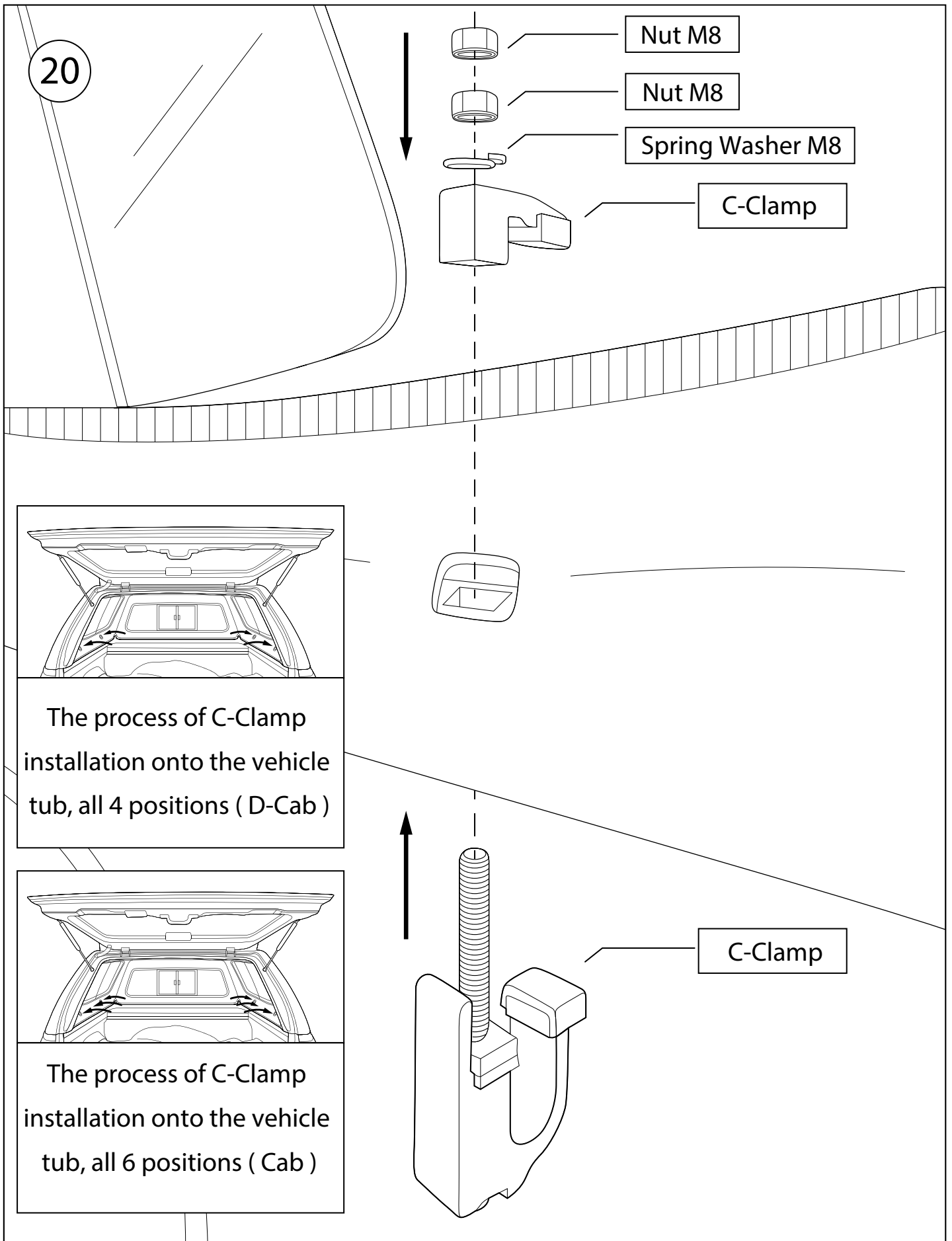
## 18 The process of C-Clamp installation S-Plus V2 canopy model with the vehicle



19

Open / take off the rubber plug

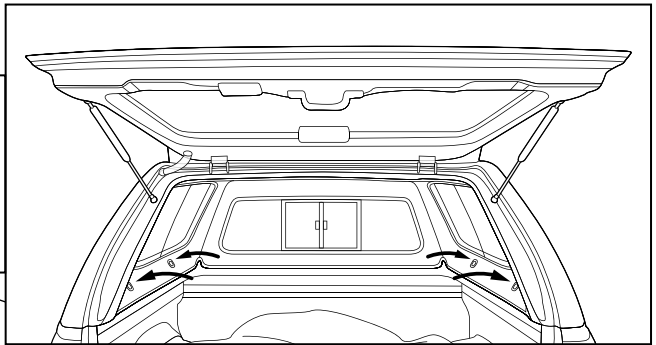






20.1

Tighten bolts of C-Clamp by using pound wrench, with the pressure of 16 Nm.

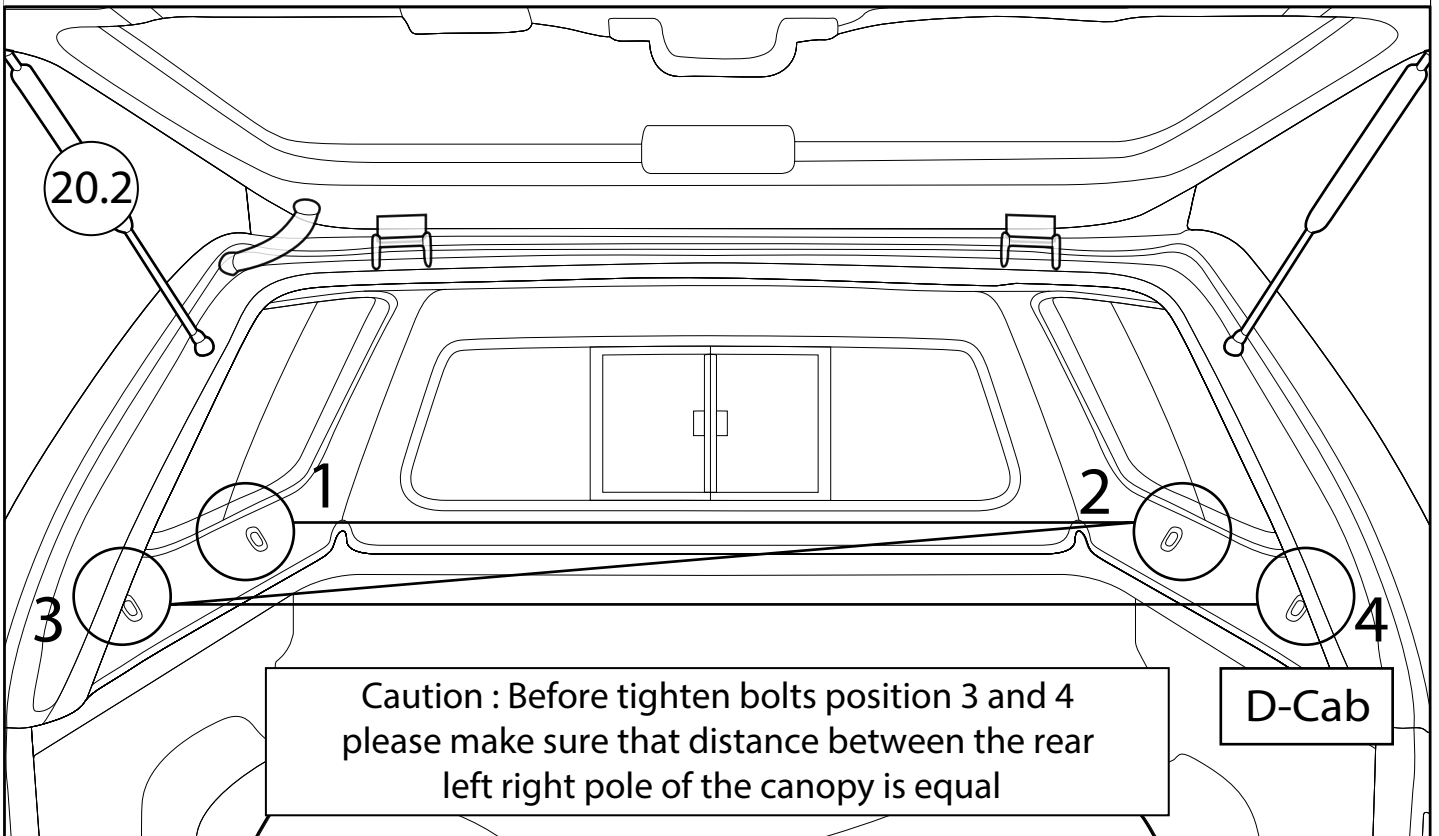


T3

D-Cab

Tighten bolts of C-Clamp both with vehicle all 4 position

20.2



Caution : Before tighten bolts position 3 and 4 please make sure that distance between the rear left right pole of the canopy is equal

D-Cab

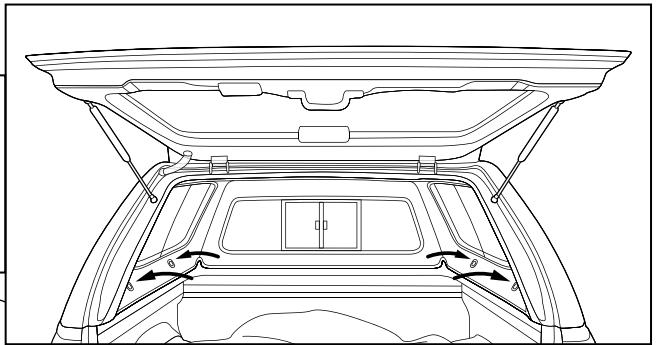
Steps of canopy C-Clamp bolts tightening onto vehicle





21.1

Tighten bolts of C-Clamp by using pound wrench, with the pressure of 16 Nm.

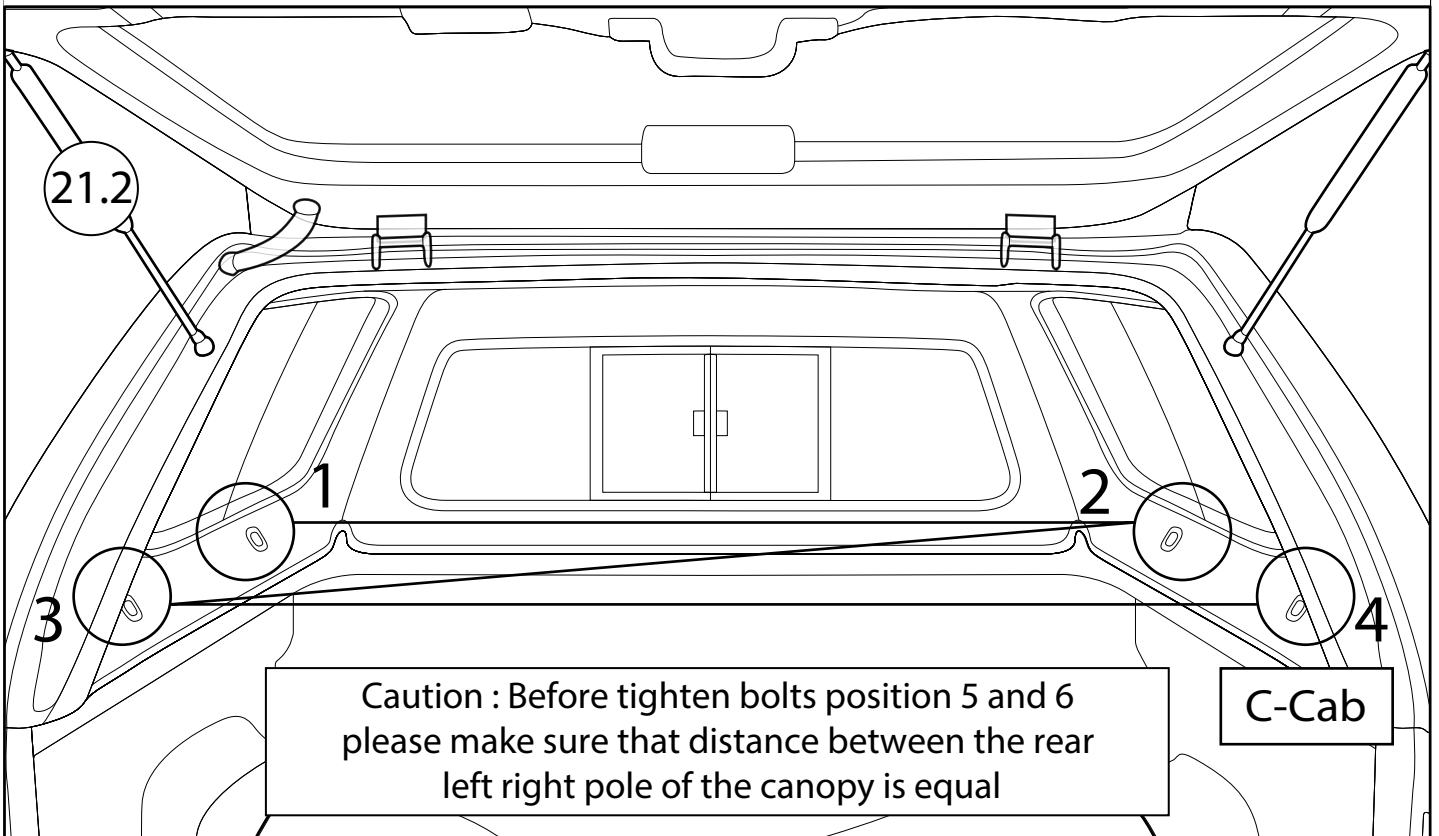


T3

C-Cab

Tighten bolts of C-Clamp both with vehicle all 6 position

21.2



Caution : Before tighten bolts position 5 and 6 please make sure that distance between the rear left right pole of the canopy is equal

C-Cab

Steps of canopy C-Clamp bolts tightening onto vehicle





22.1

K5

D-Cab

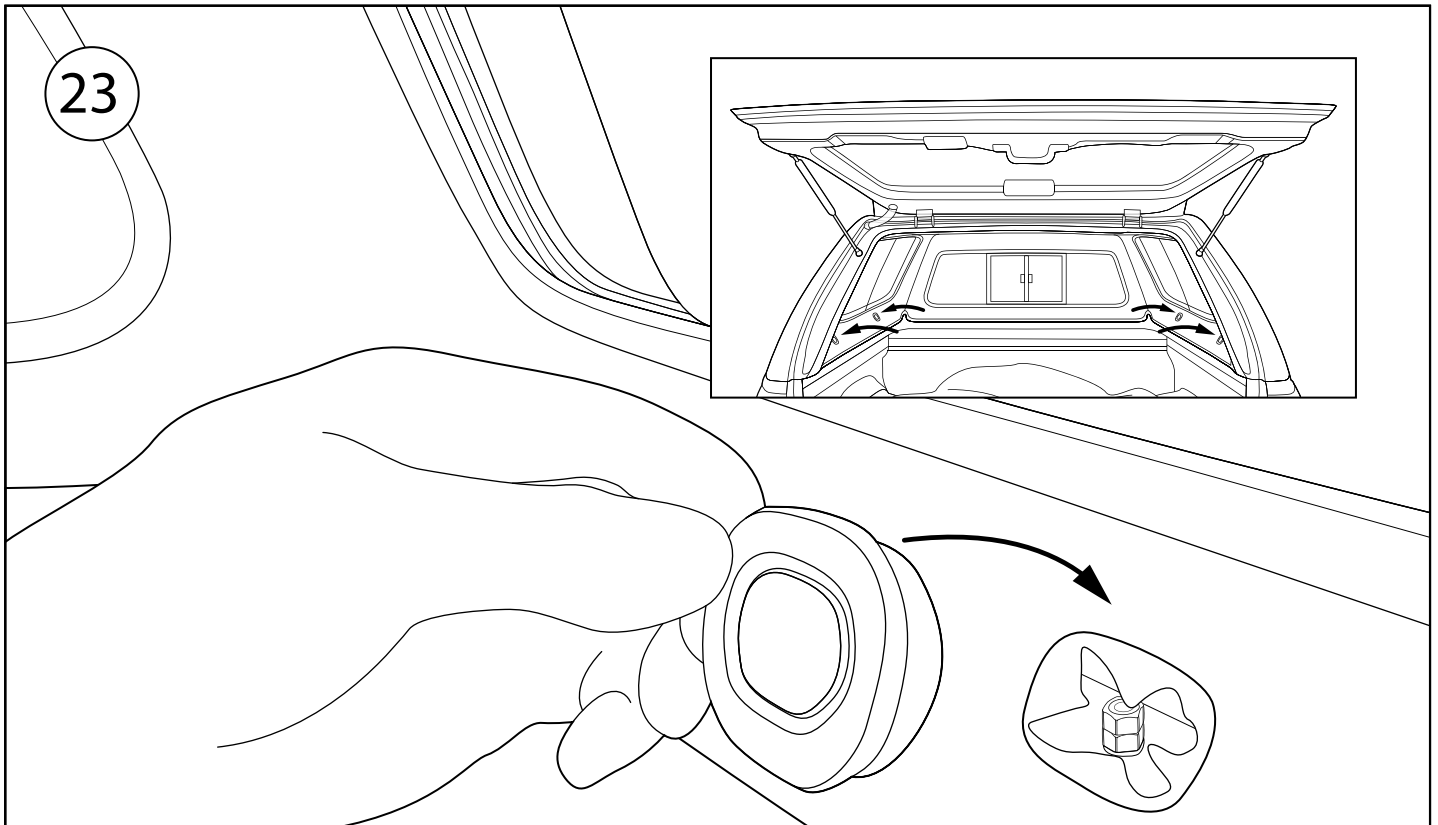
C-Clamp mounting positions  
onto vehicle ( Left )

22.2

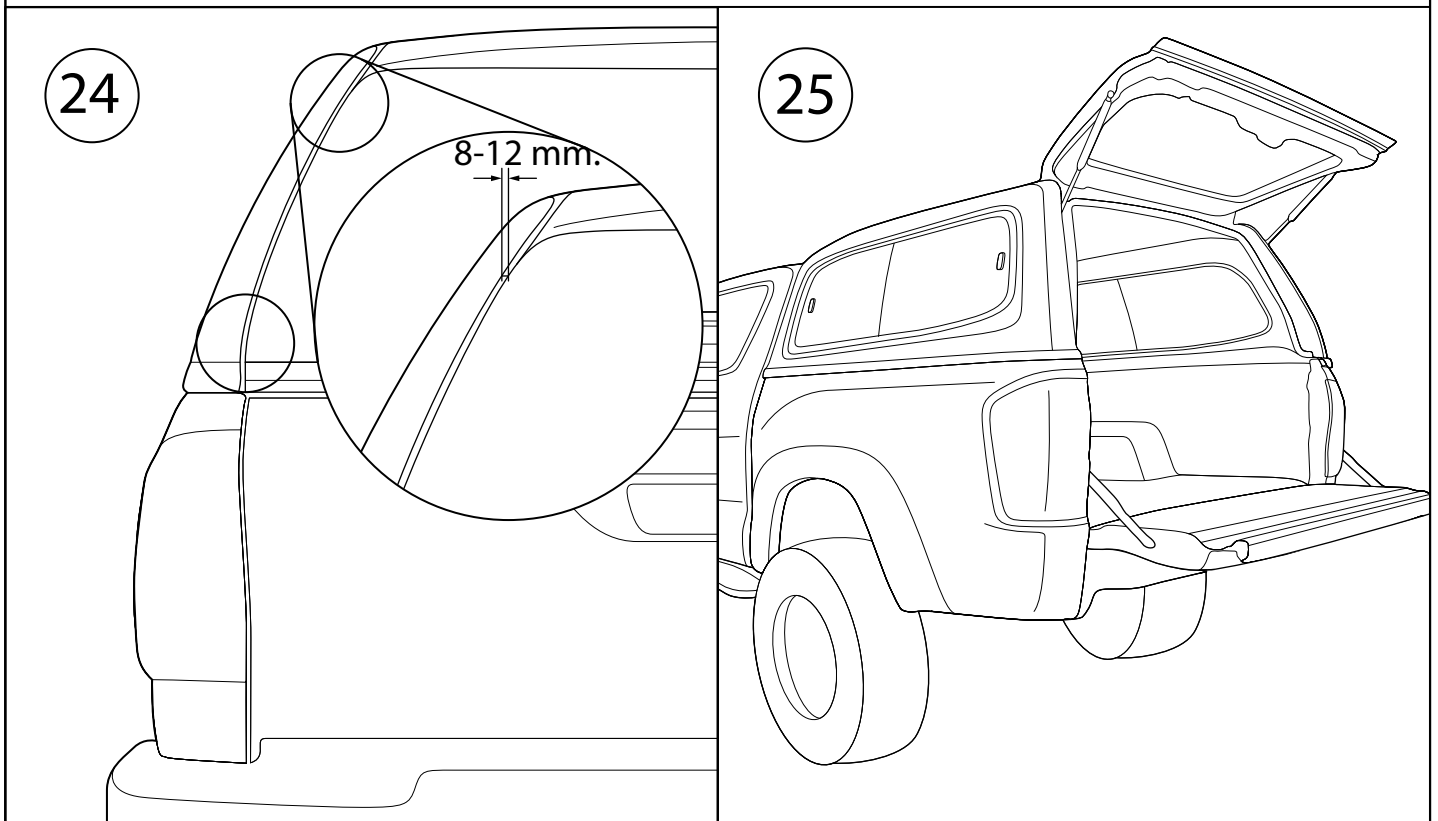
K5

D-Cab

C-Clamp mounting positions  
onto vehicle ( Right )



Close the rubber plug



Measure the distance between backdoor and rear pillar, to have the 8-12 mm. in along the line.

The process of canopy installation is completed

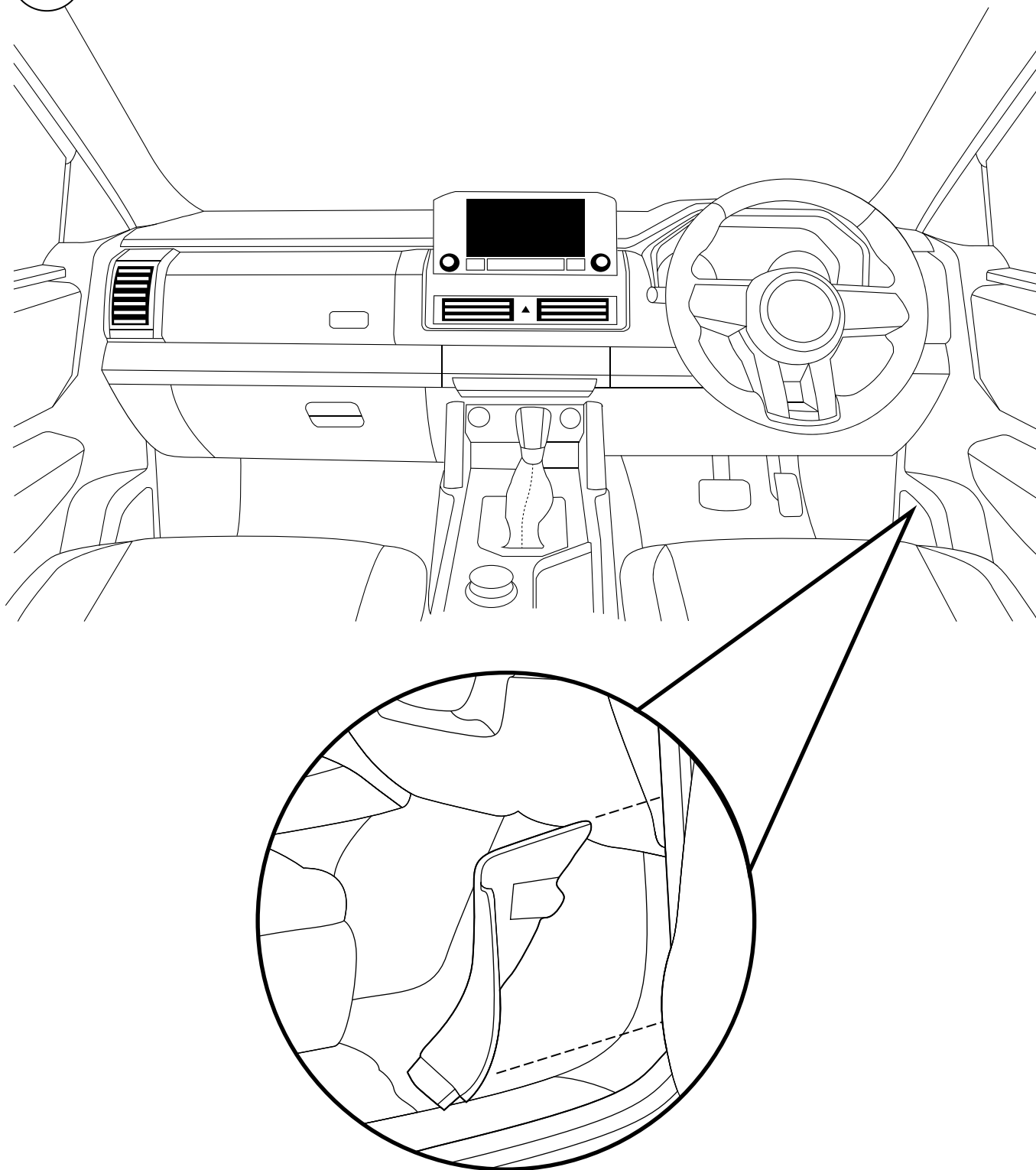


**SAMMITR**

# Electrical Installation

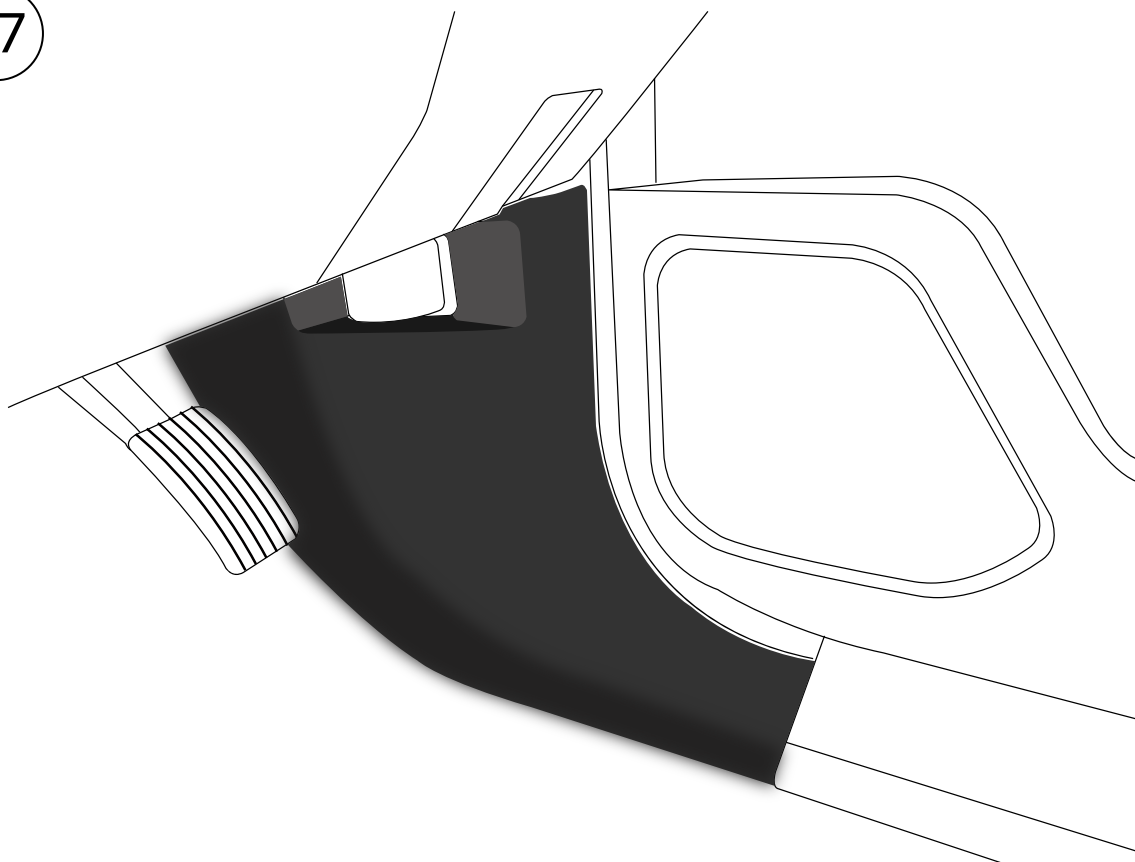


26



Take off the Wiring Cover at the driver side in order to check the wiring position.

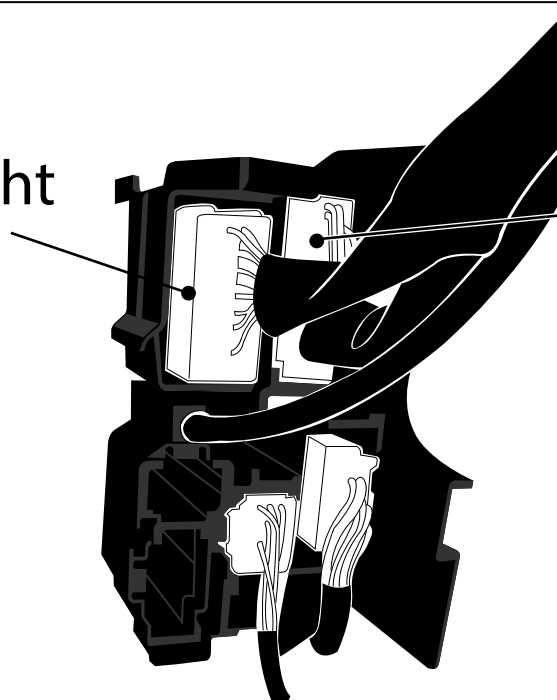
27



Take off the Wiring Cover at the driver side in order to check the wiring position.

28

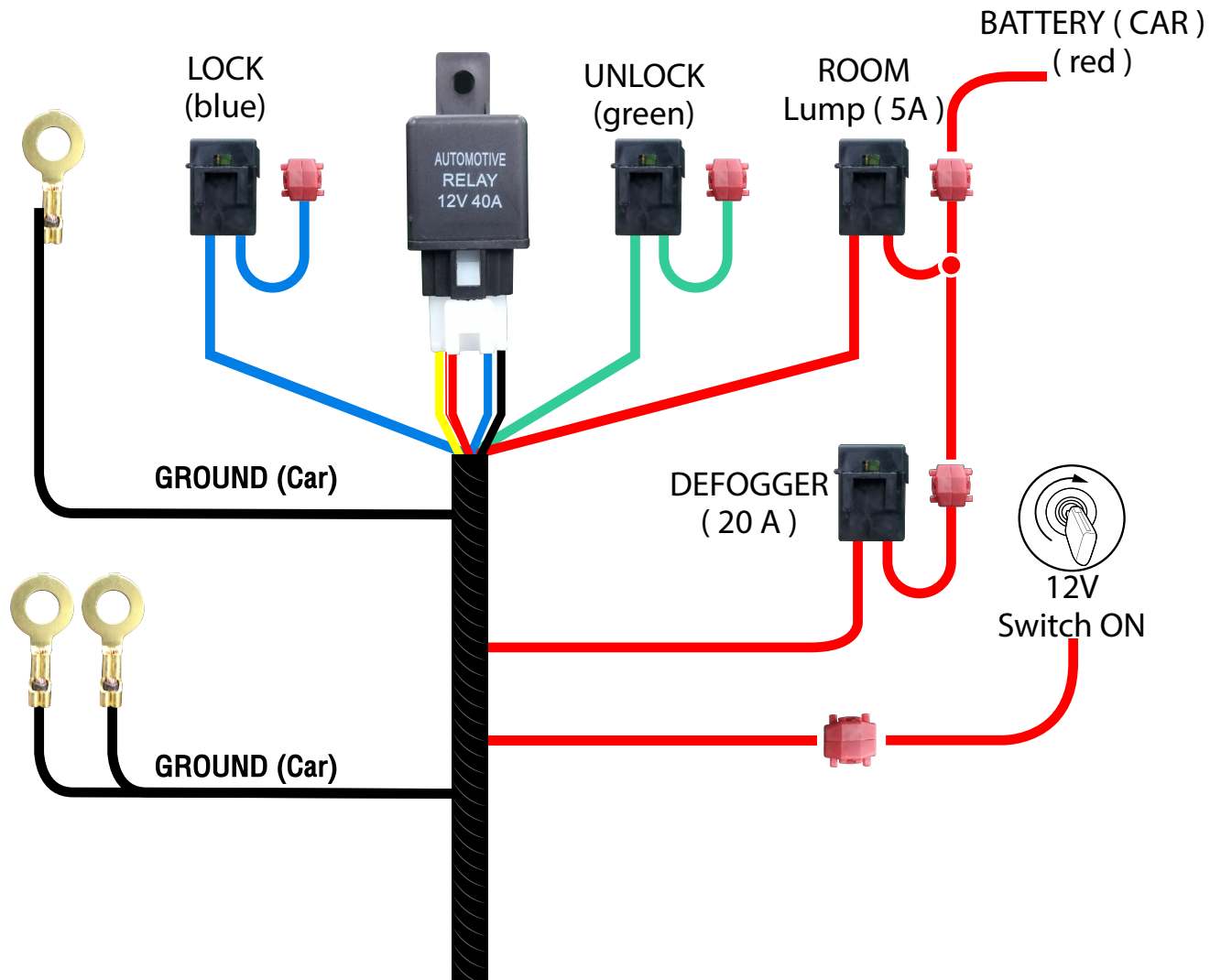
Socket light



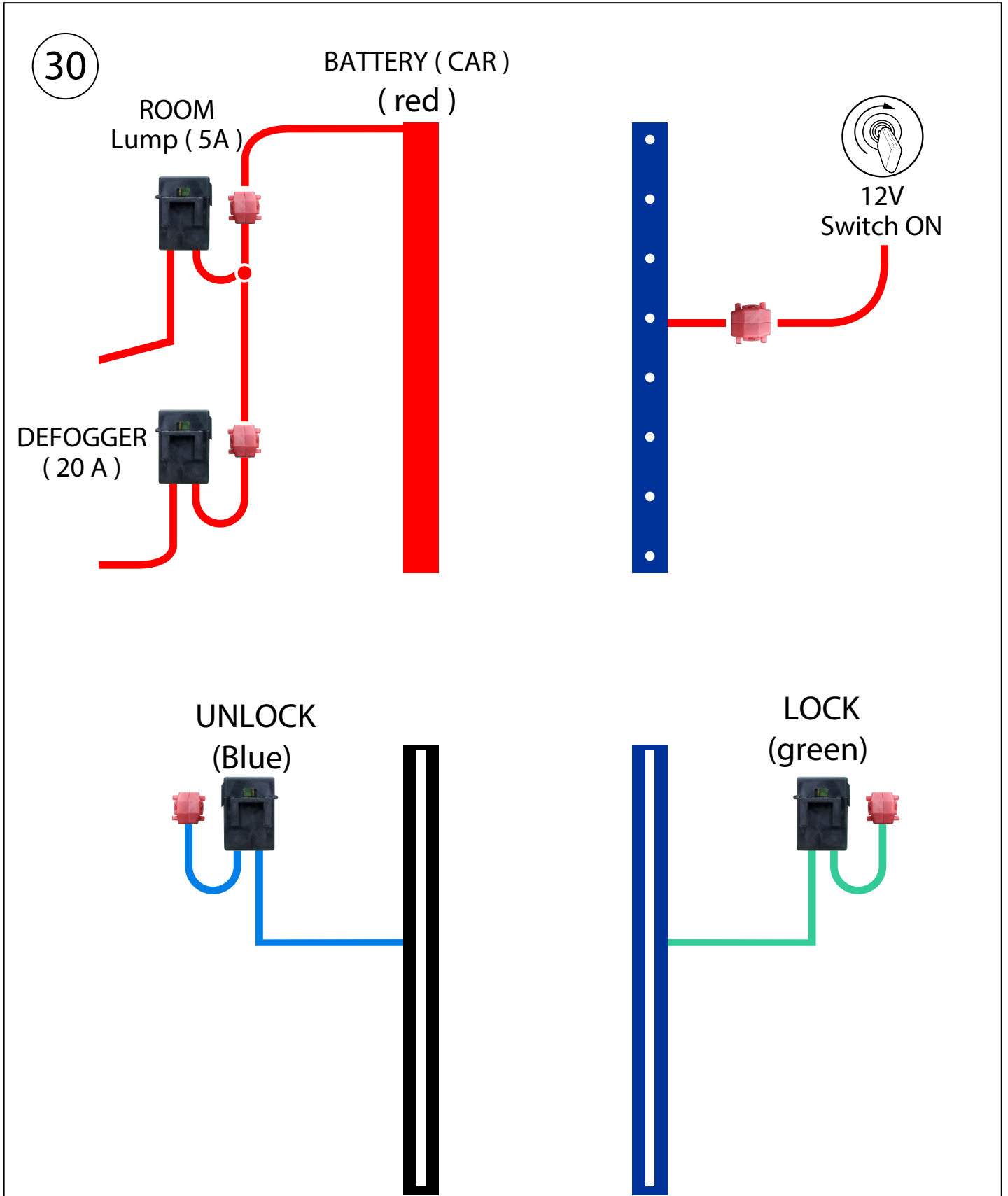
Socket right



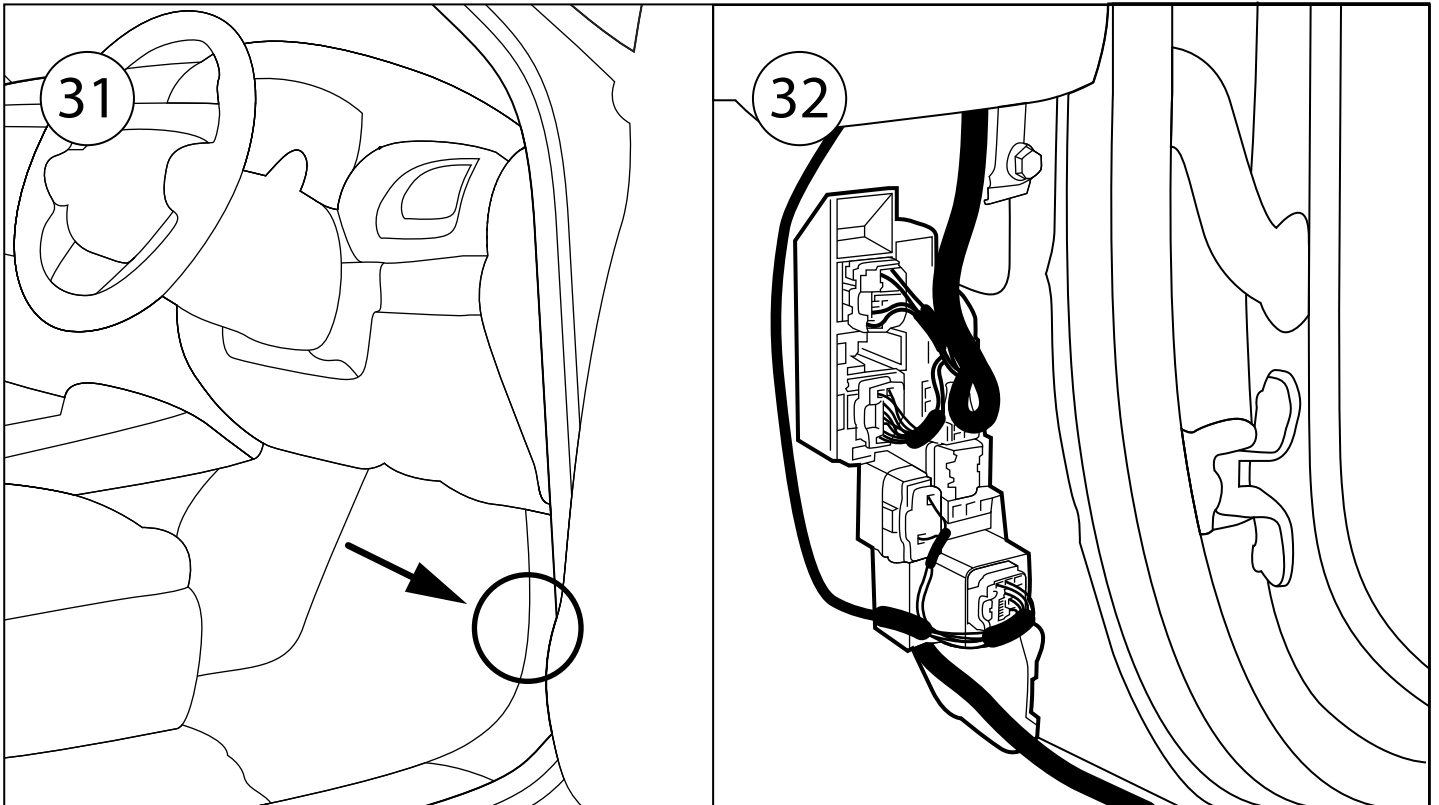
29



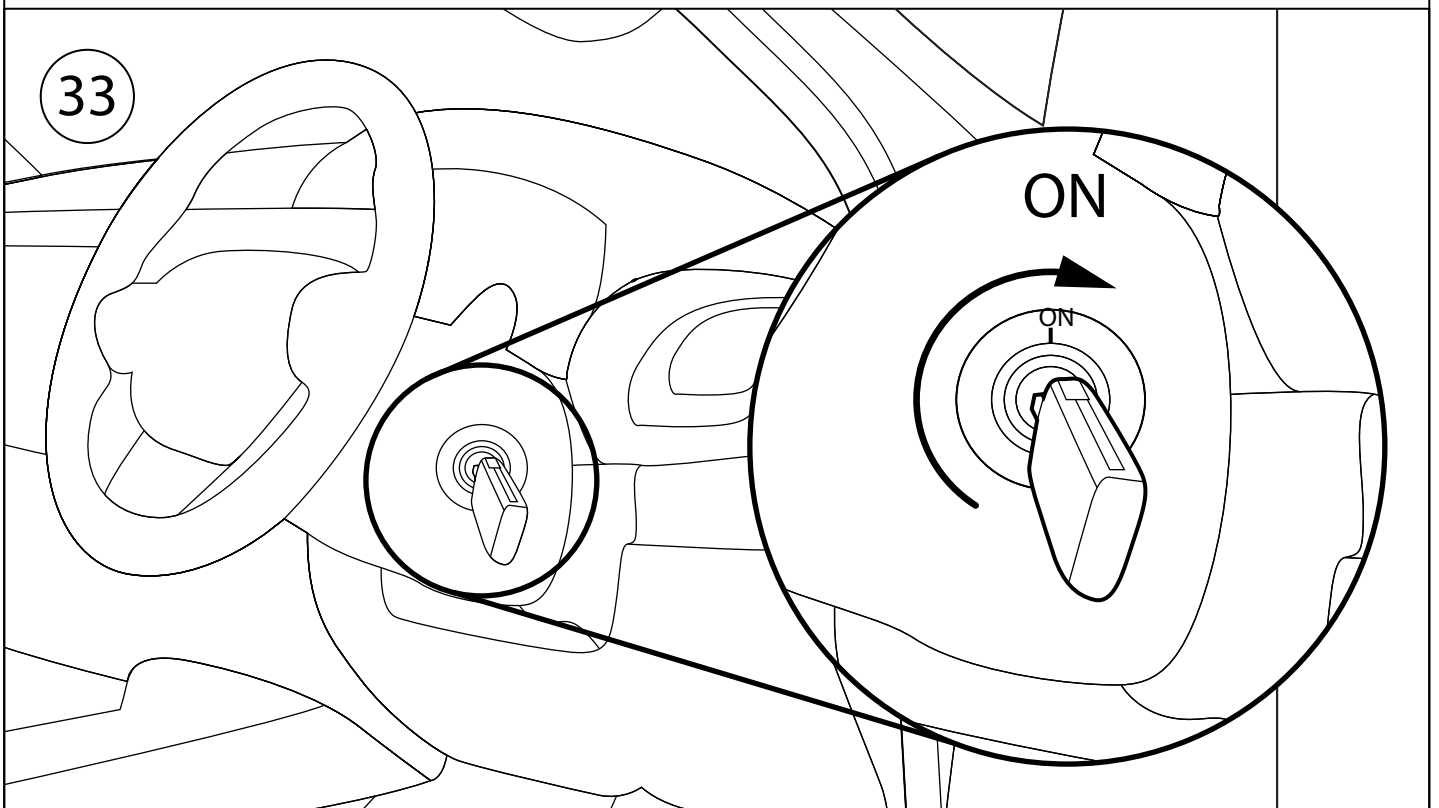
Harness Central Lock No.38



Harness Central Lock No.38

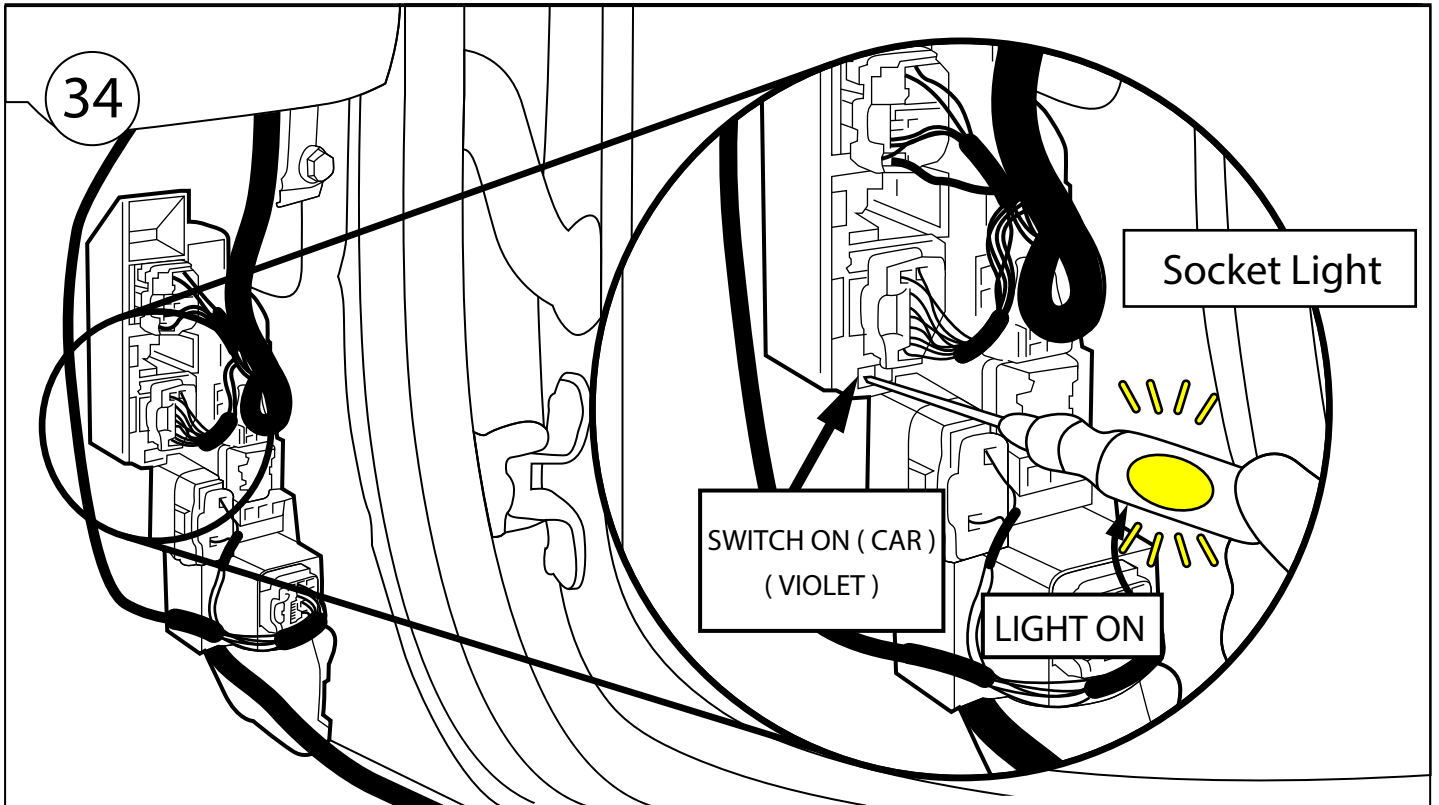


Control Box position that will connect with Harness Central Lock No.38

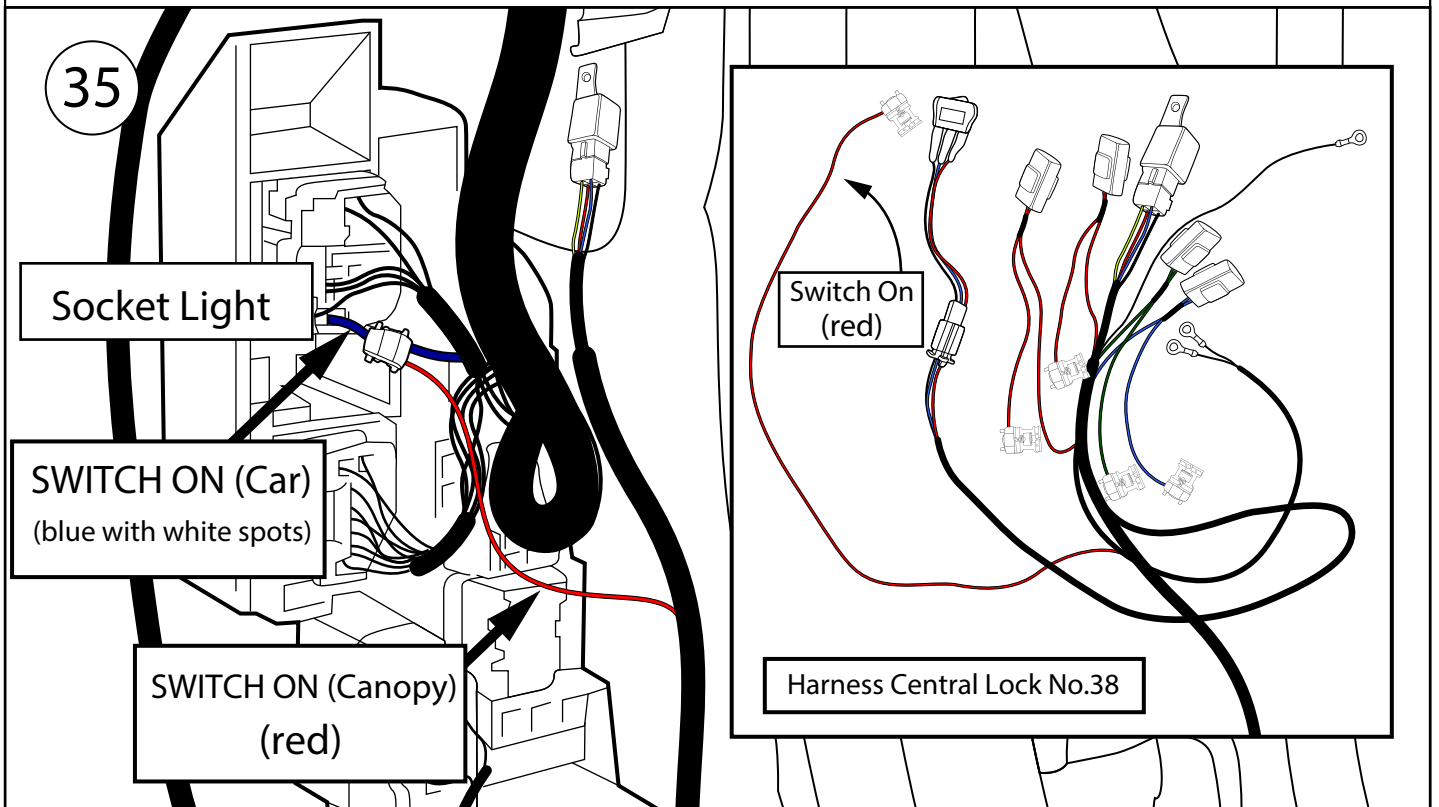


Step of checking Switch on position, begin with turning the key to ON position.

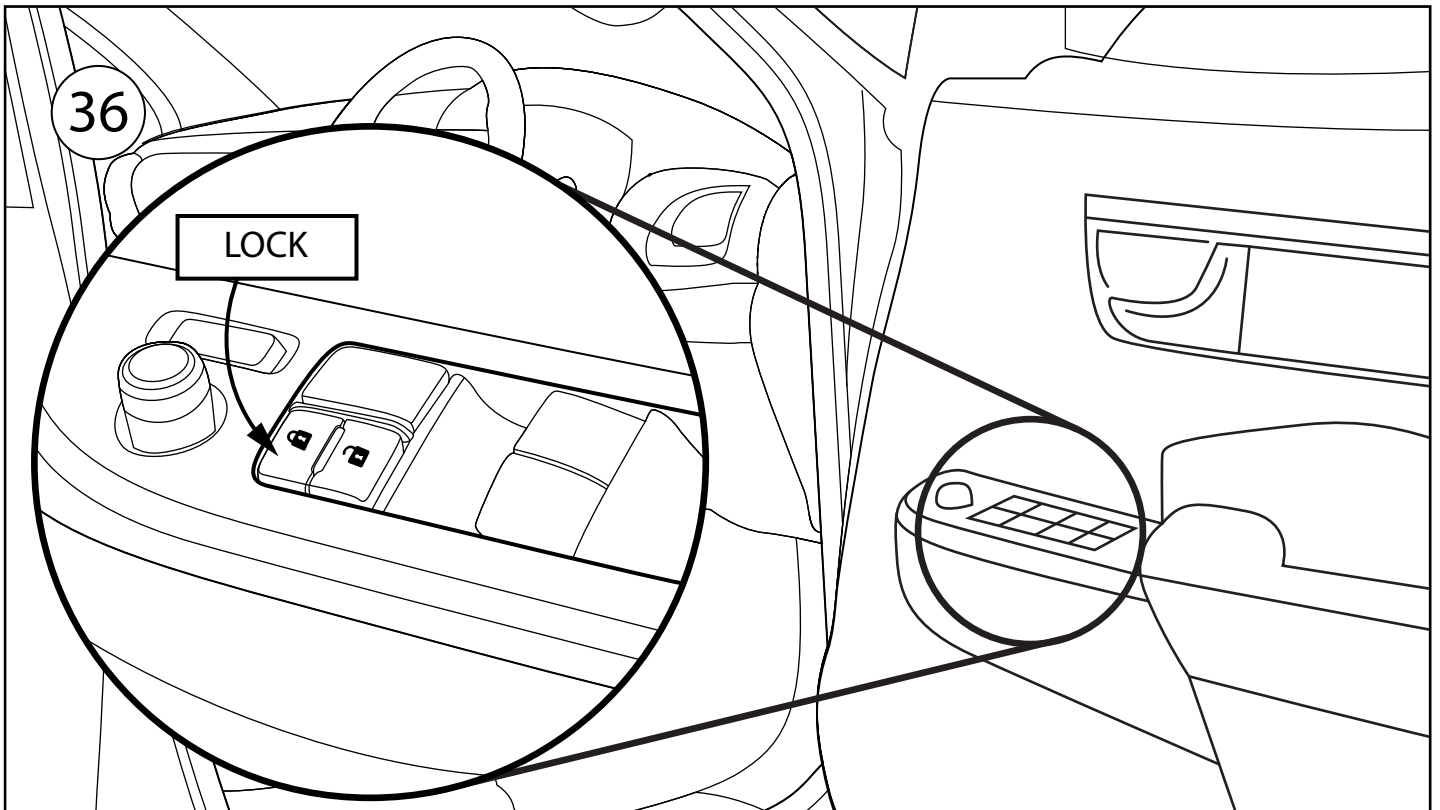




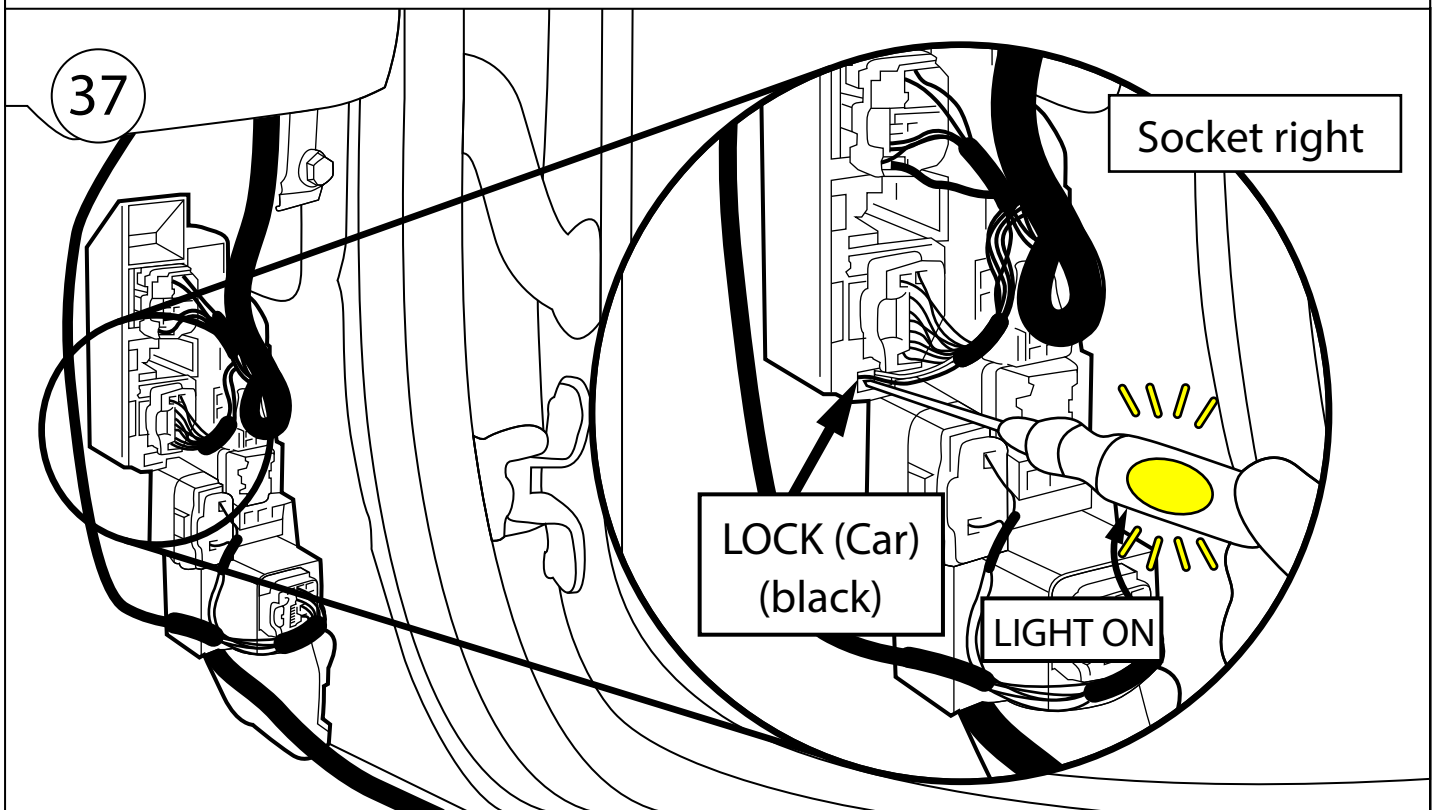
Checking the Switch On of vehicle position by using the Test Lamp kit.



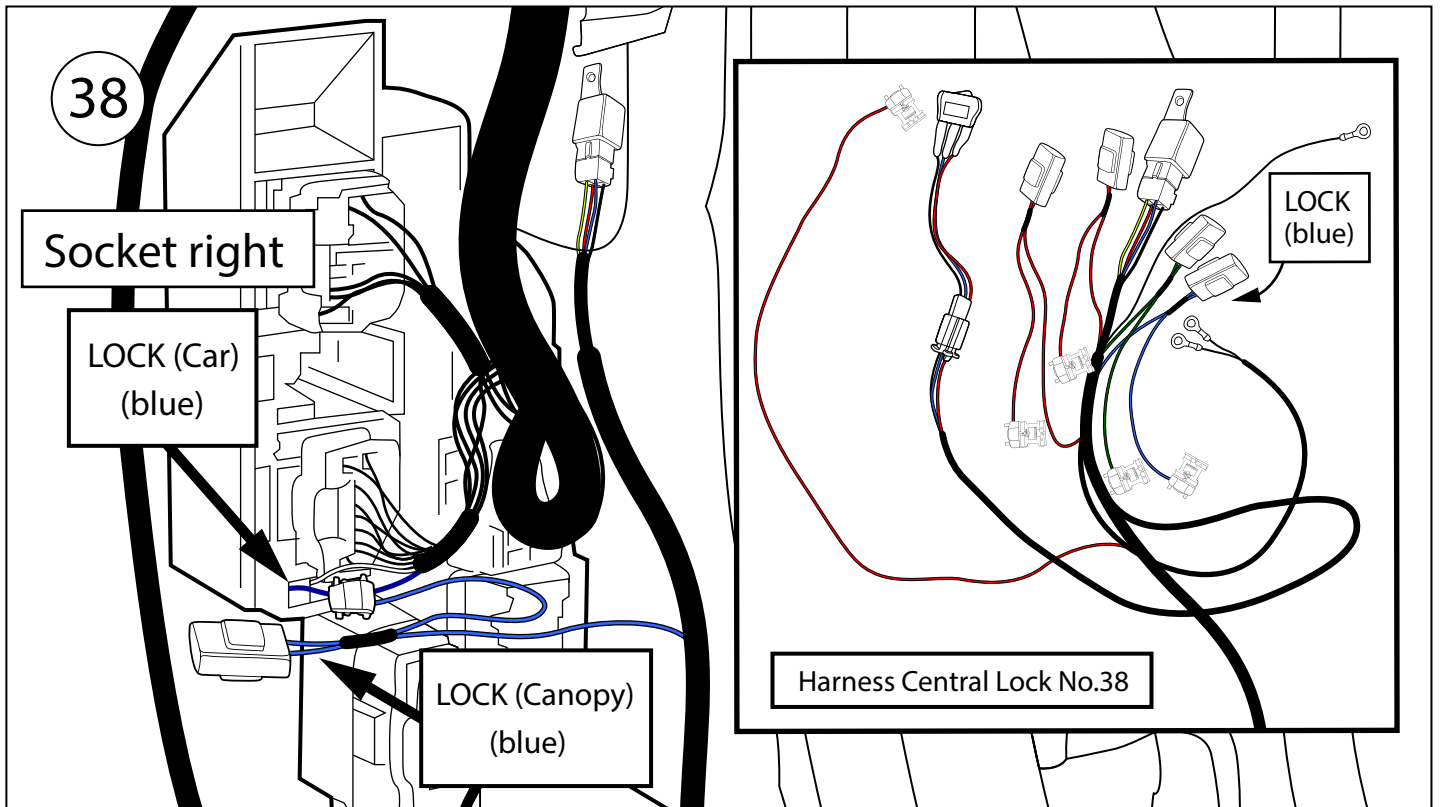
Connect the Harness Central Lock No.38 with the vehicle socket by bring the Red Wiring (Switch ON) of the Harness Central Lock No.38 connects with the purple wiring (Switch ON) of the vehicle wiring.



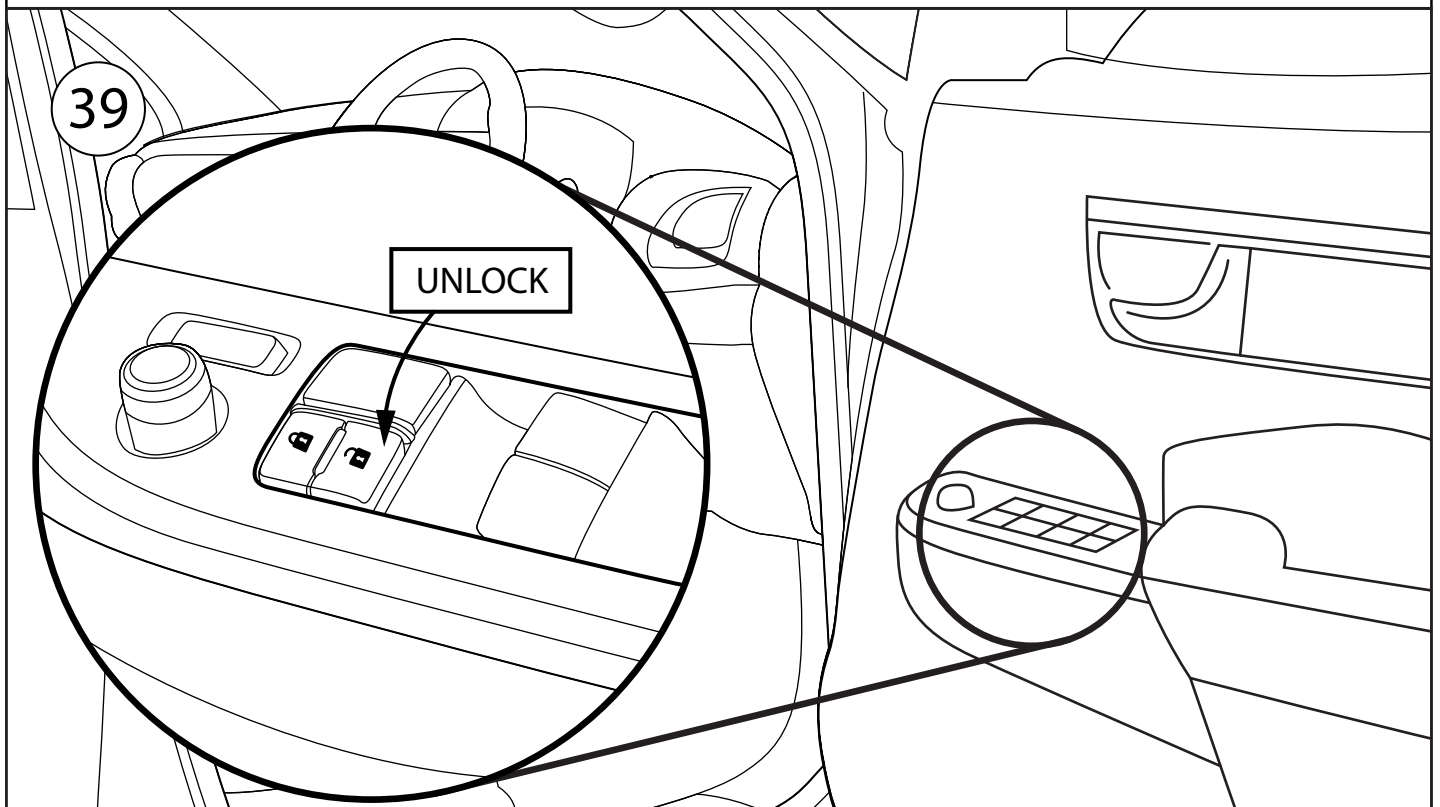
Step of Checking the light of the Central Lock (Lock), begin with push the Lock button at the door panel.



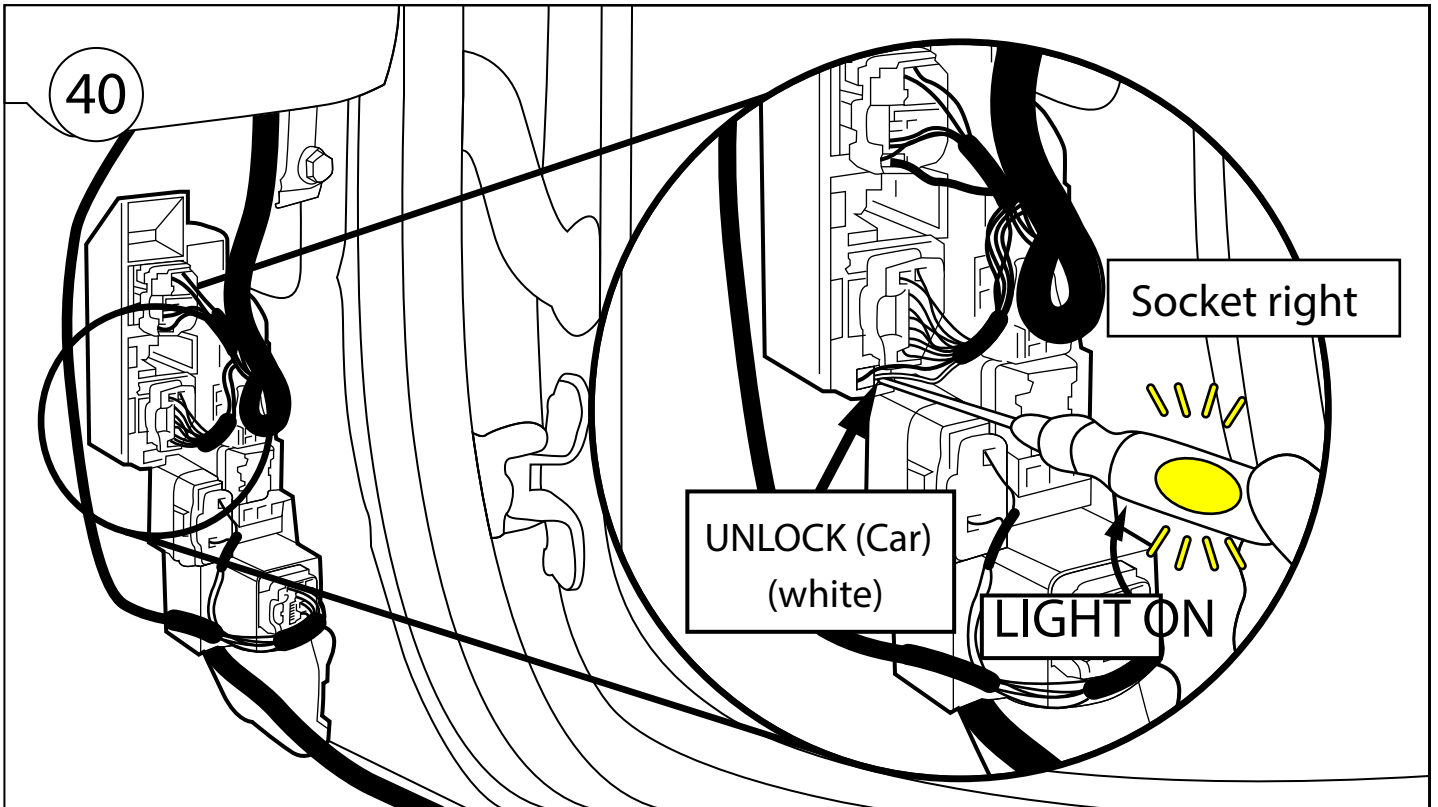
Checking the light of the Central Lock (Lock) of vehicle position by using the Test Lamp kit.



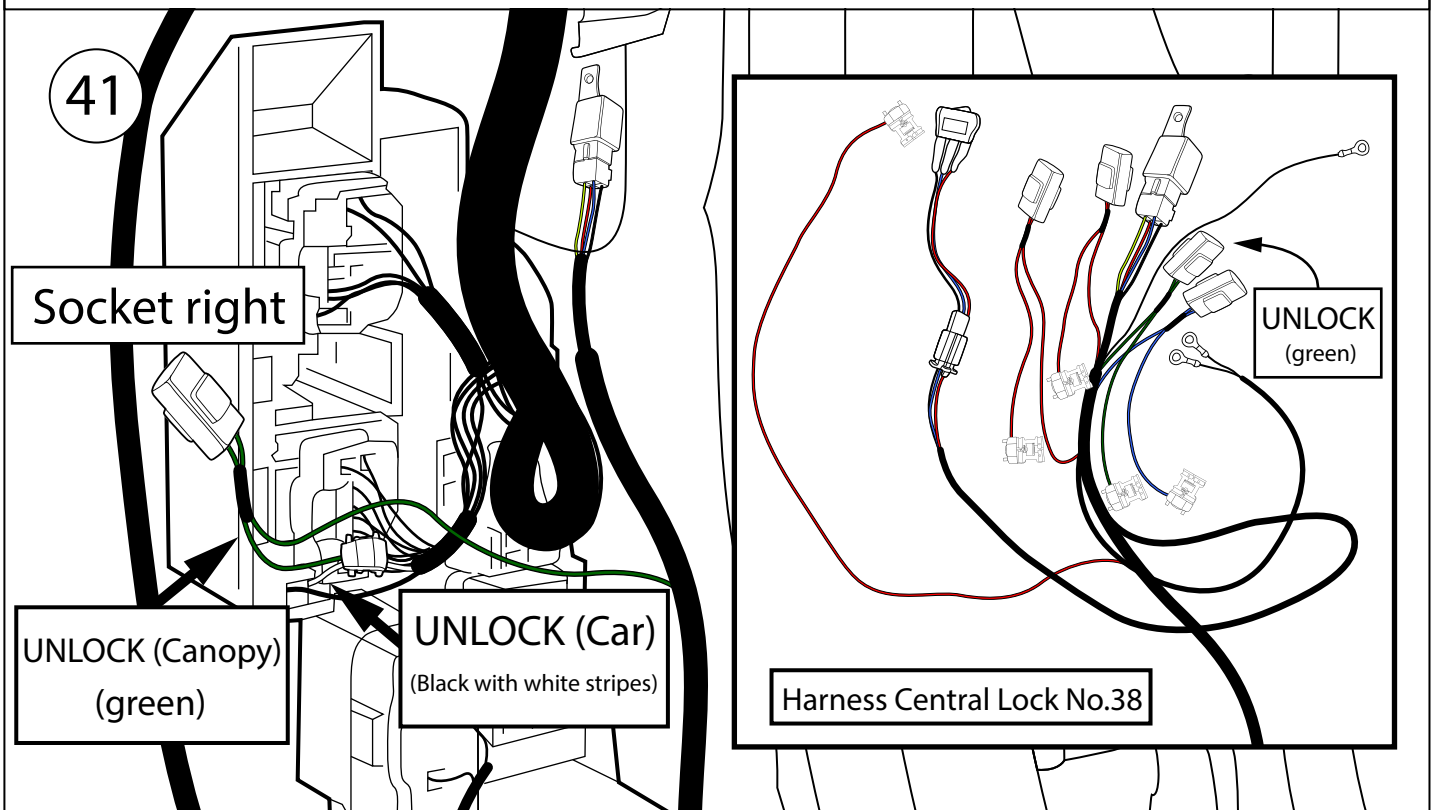
Connects the Blue Wiring (Central Lock/Lock Switch) of the Harness Central Lock No.38 with the Blackwiring (BK) of the vehicle (Lock Signal)



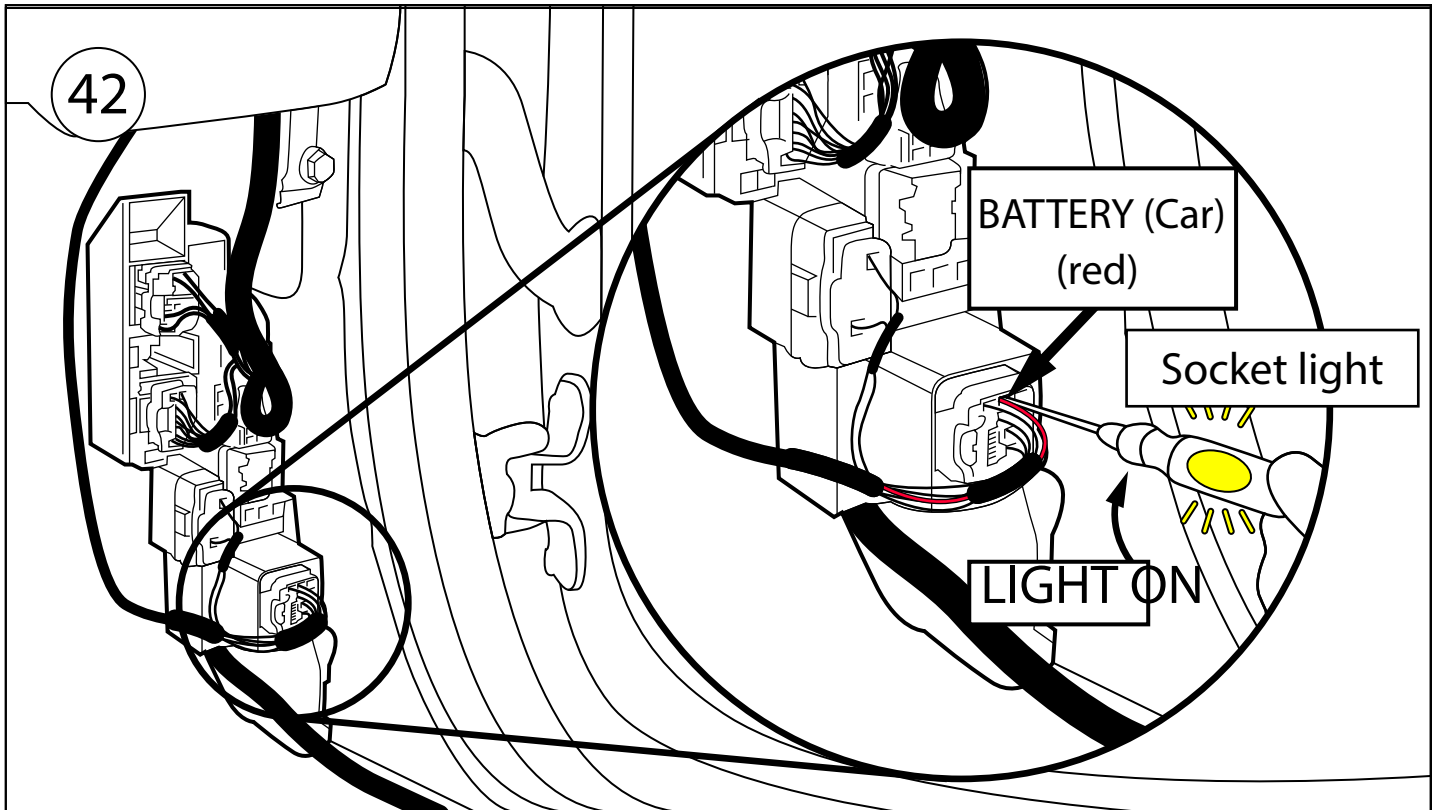
Step of Checking the light of the Central Lock (UnLock), begin with push the UnLock button at the door panel.



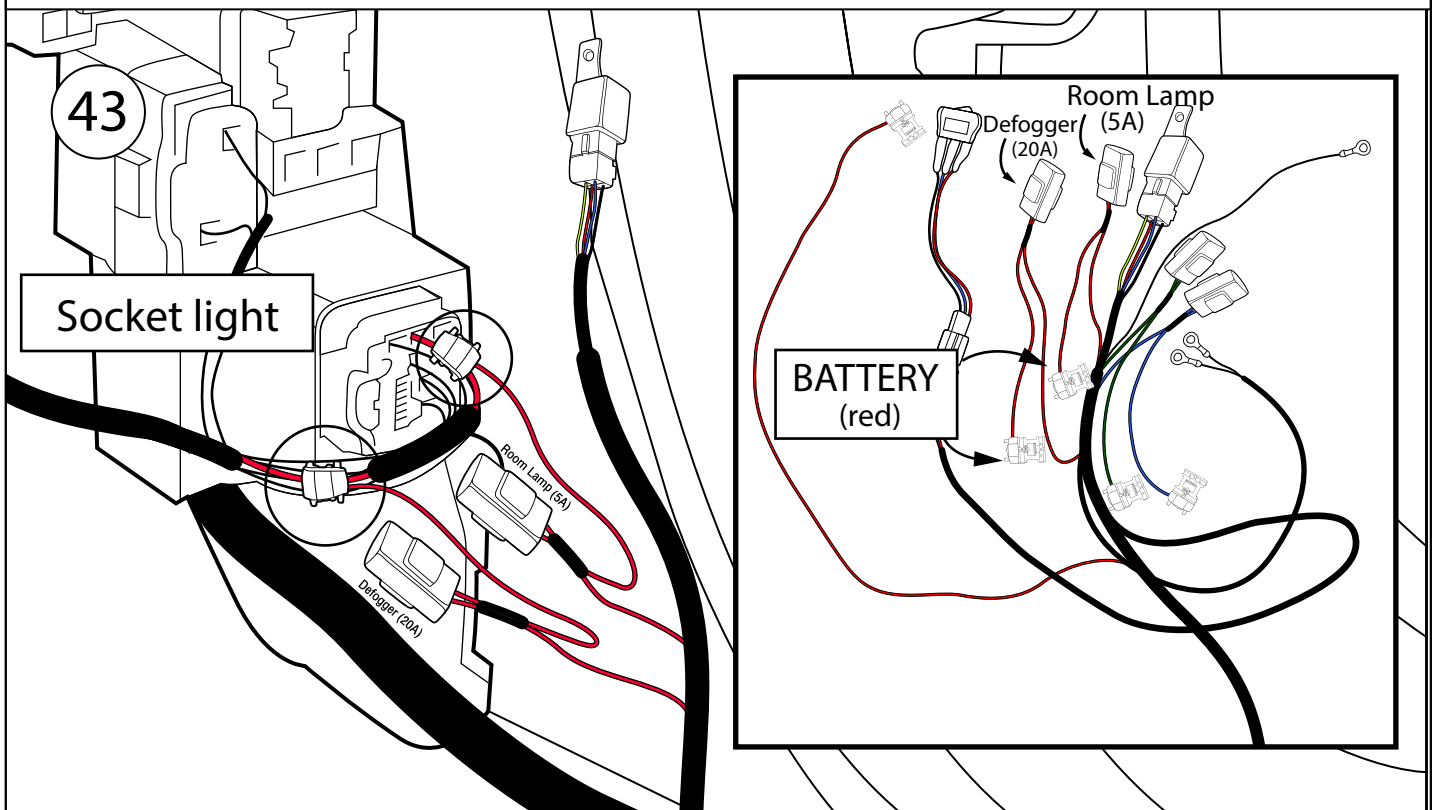
Checking the light of the Central Lock (Lock) of vehicle position by using Test Lamp kit.



Connects the Green Wiring (Central Lock/Unlock Switch) of the Harness Central Lock No.38 with the White Wiring (WH) of the vehicle (Unlock Signal).

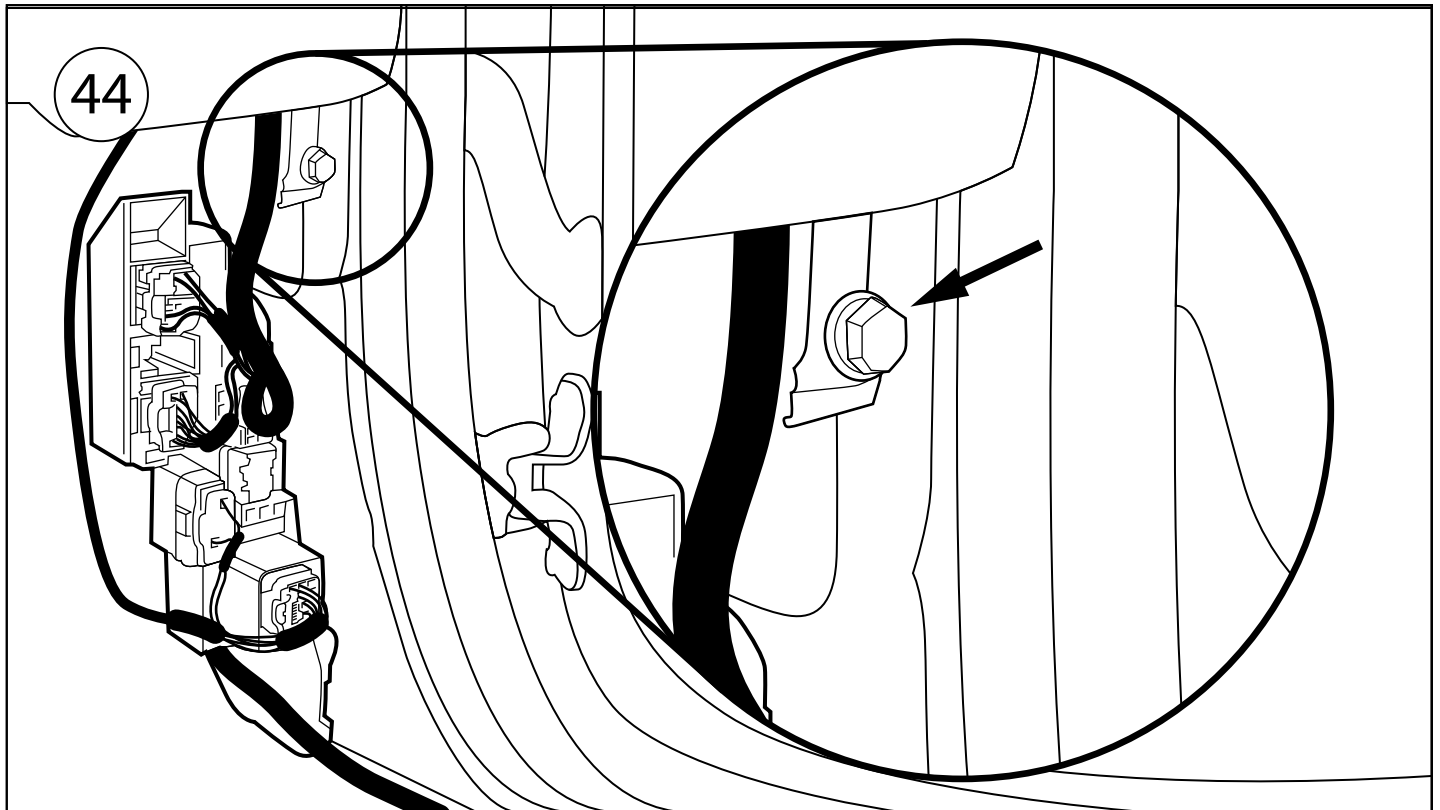


Checking the Battery (12V) light of the vehicle position by using the Test Lamp kit.

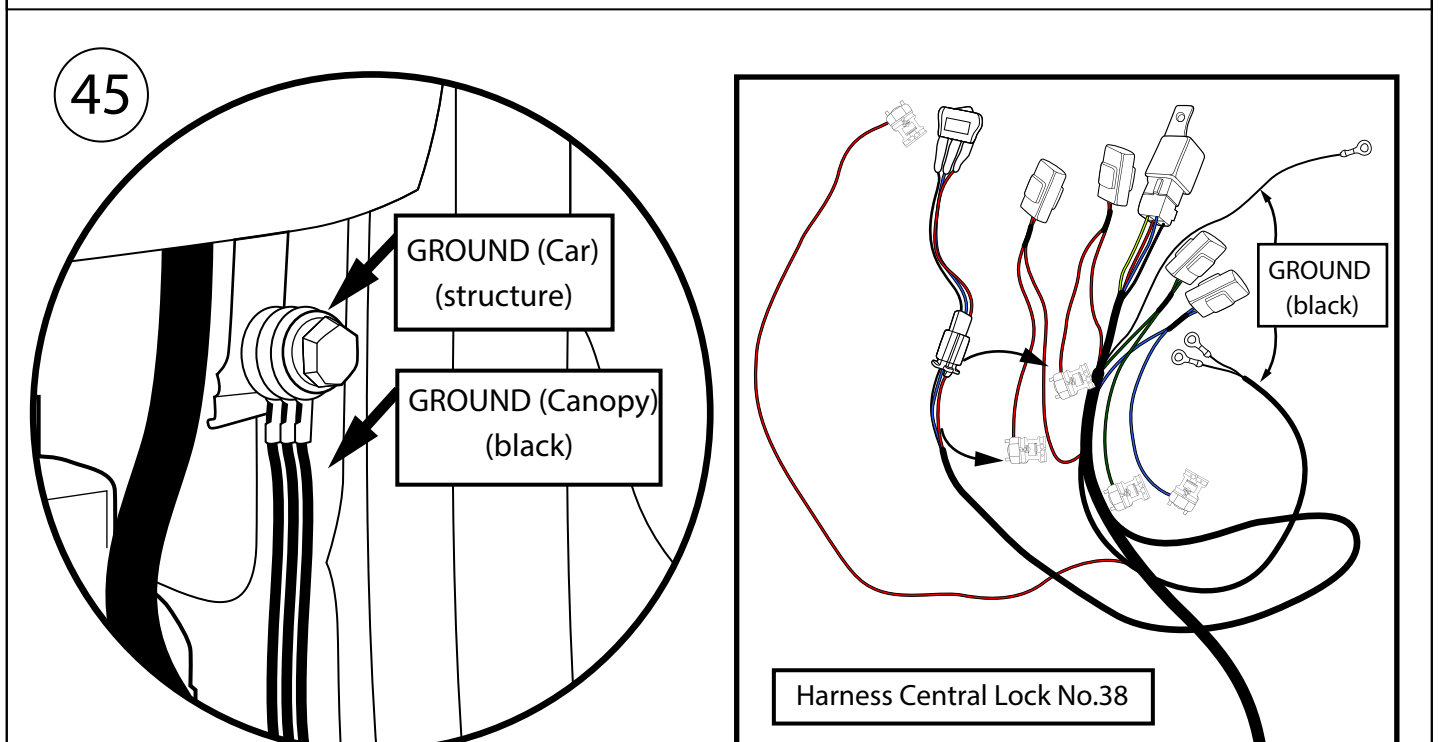


Connects the Red Wiring Defogger (20A) and Red Wiring Room Lamp (5A) of the Harness Central Lock No.38 with the Red Wiring Battery (12V) of the vehicle as shown in picture.

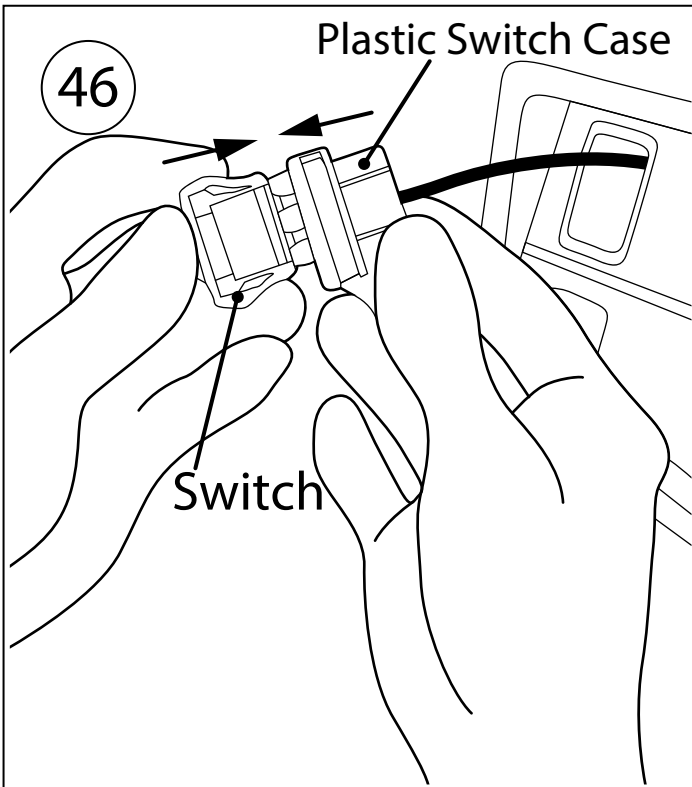




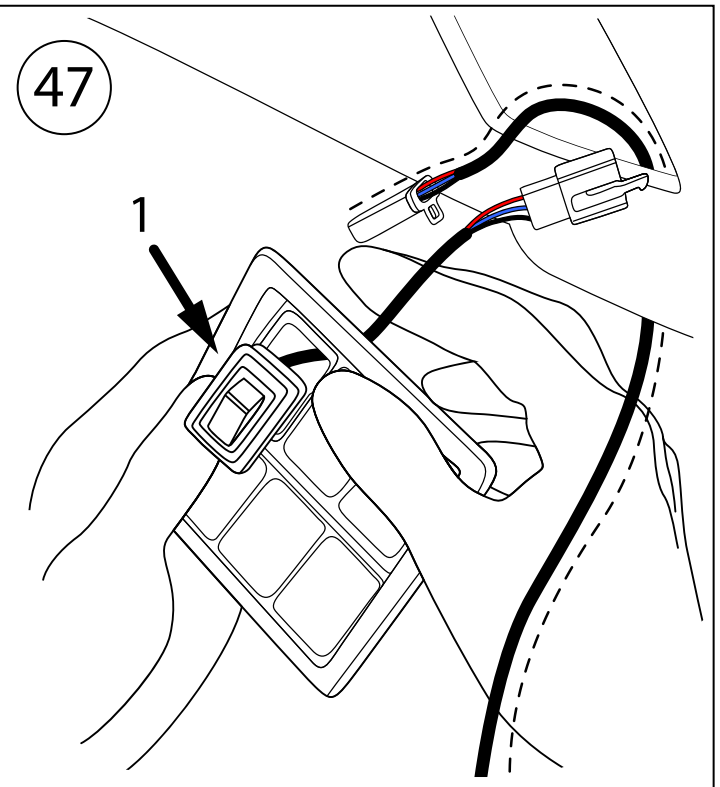
Connecting the Black Wiring (Ground) at the vehicle structure position of the  
Harness Central Lock No.38.



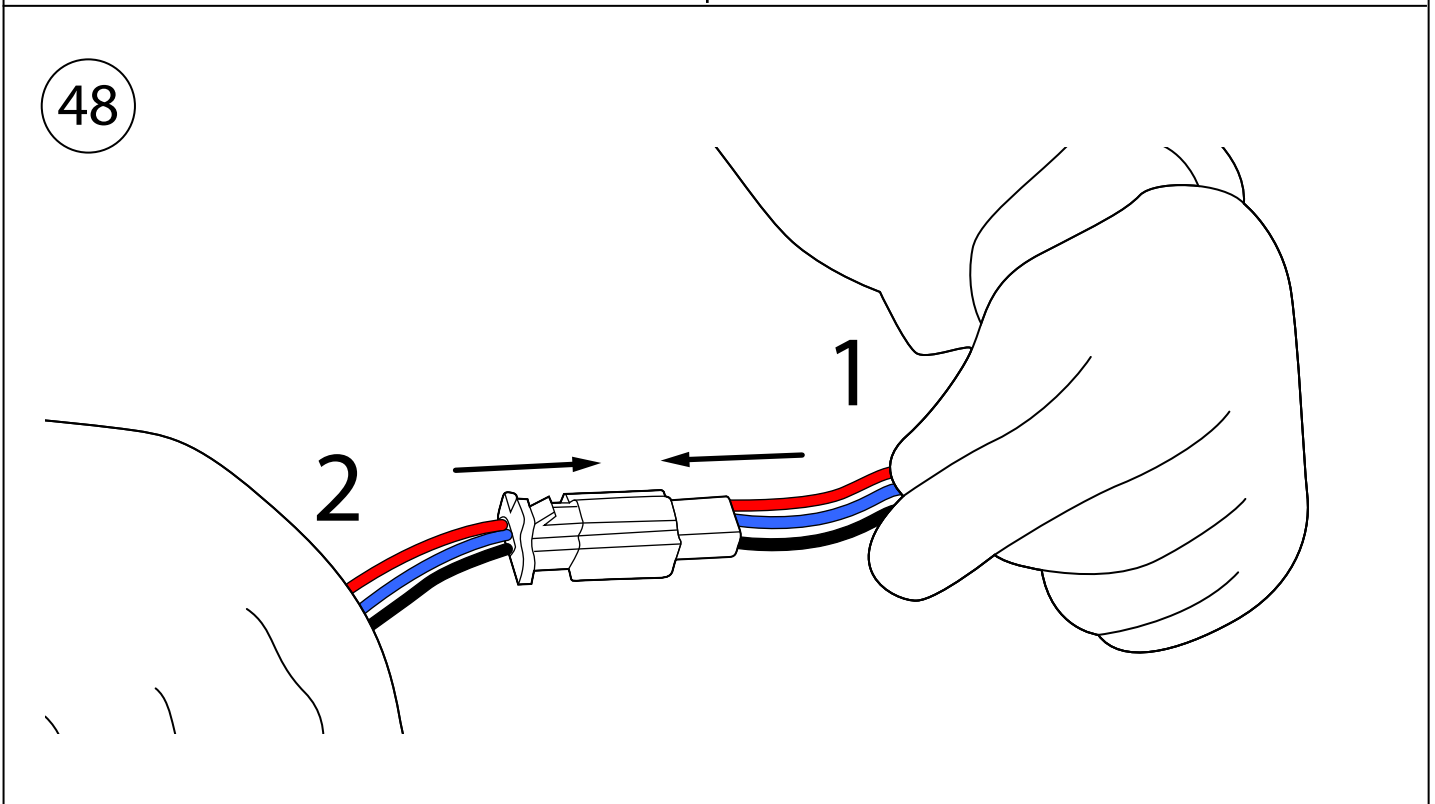
Connects the Black Wiring (GROUND) of  
the Harness Central Lock No.38 with the vehicle structure, tighten



Assemble the Switch Cover with the Harness Central Lock No.38 Wiring Switch.



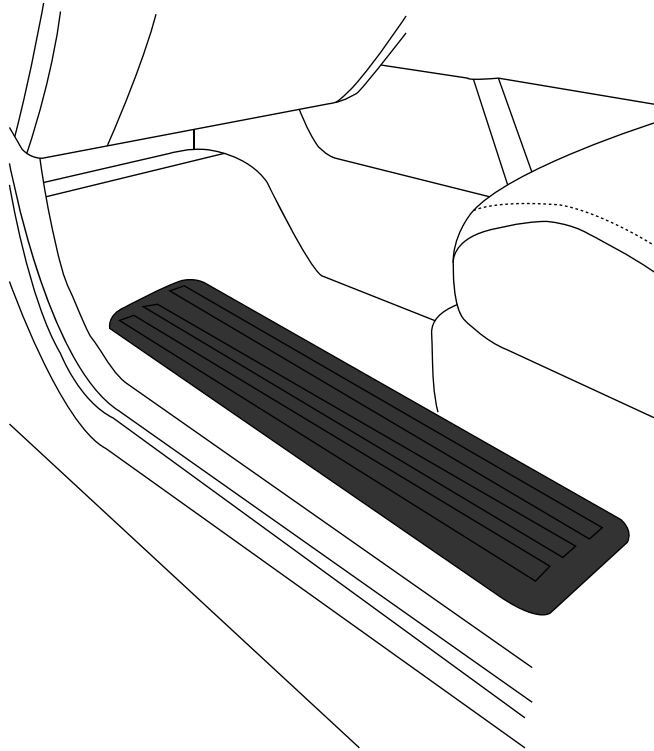
After finish the installation step no.46 then run the 2 wiring via the switch cover pipe under the console.



Connects between the 1 wiring and the 2 wiring.

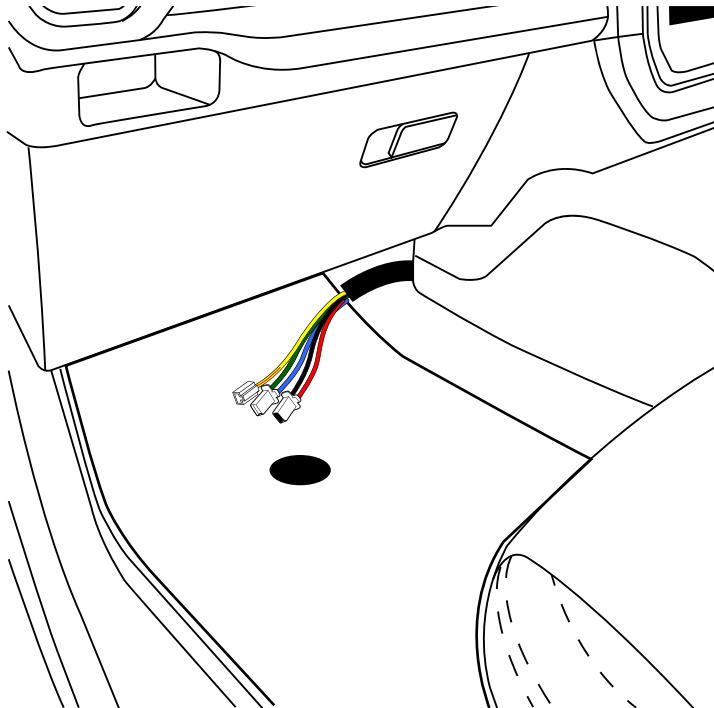


49



Take off the Wiring Cover at the driver side in order to check the wiring position.

50

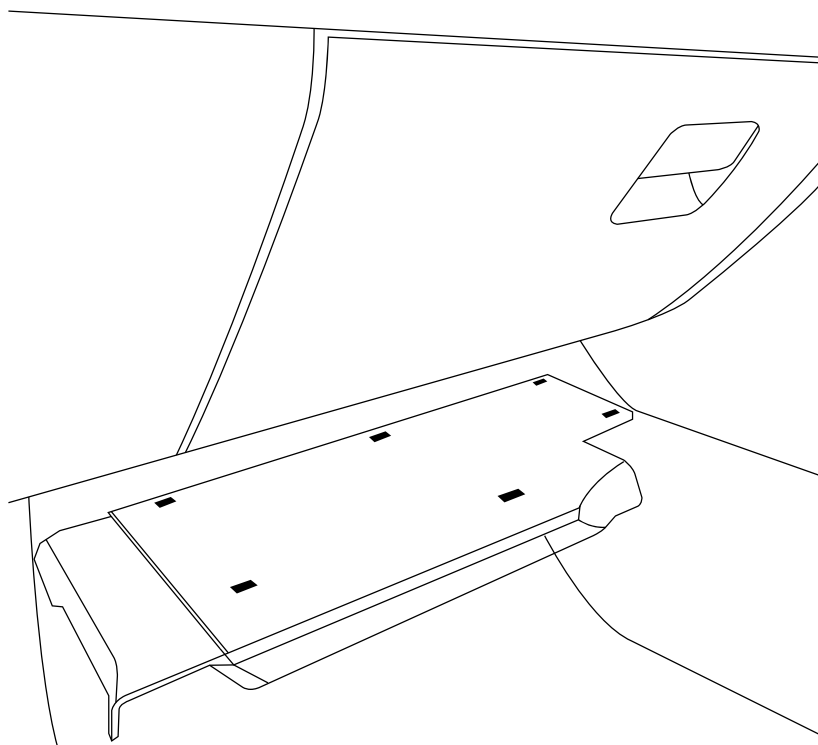


Running canopy wiring via vehicle wiring hole/pipe along



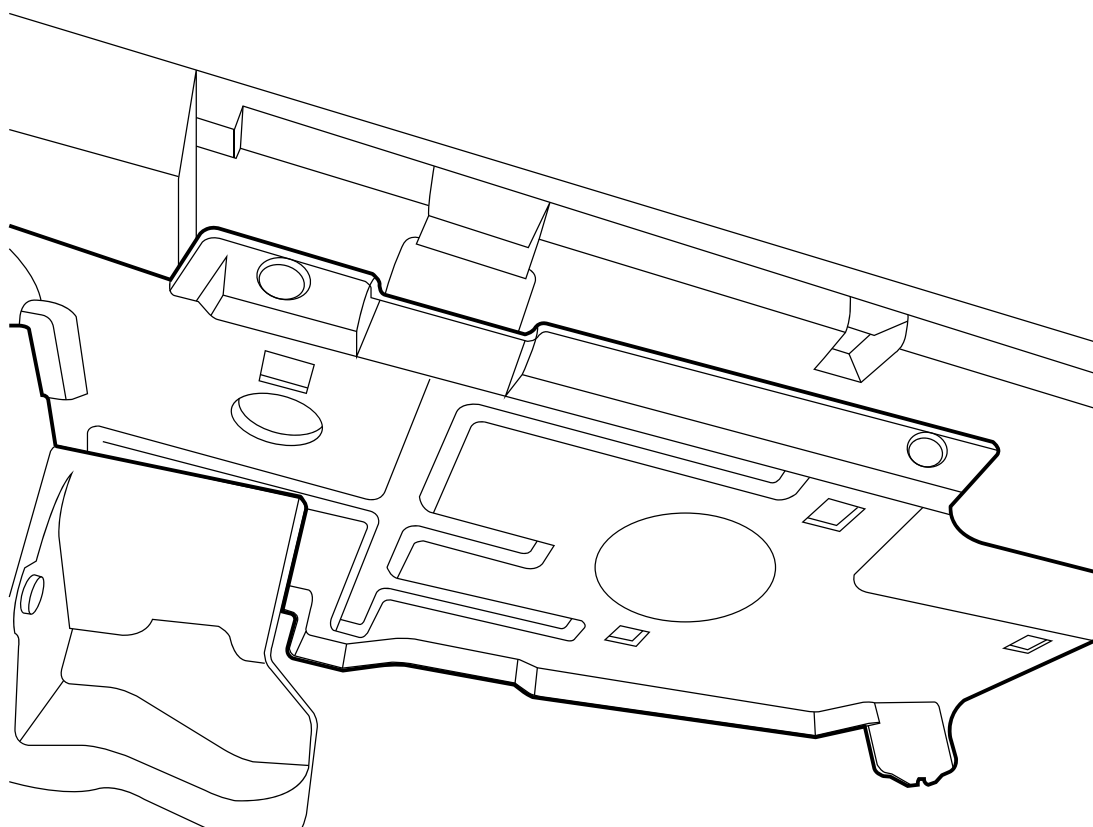


51



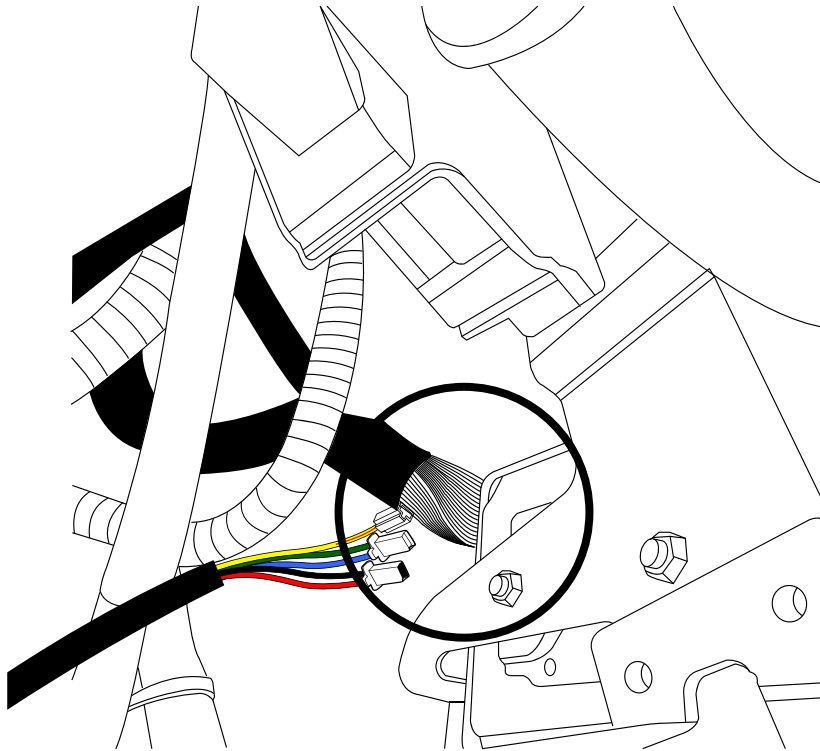
Remove the cover under the console.

52



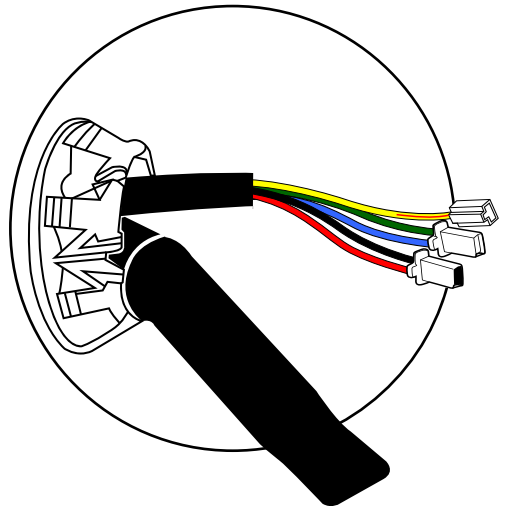
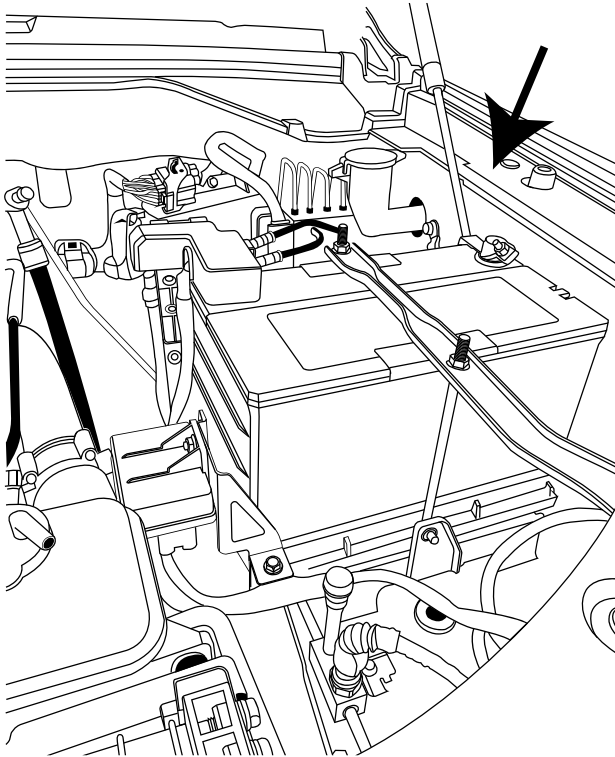


53



Run the Harness Central Lock No.38 wiring  
at passenger position

54



Silicone seal the wiring  
hole process.

The Step of Harness Central Lock No.38 wiring running picture



## 55 The Step of wiring running diagram

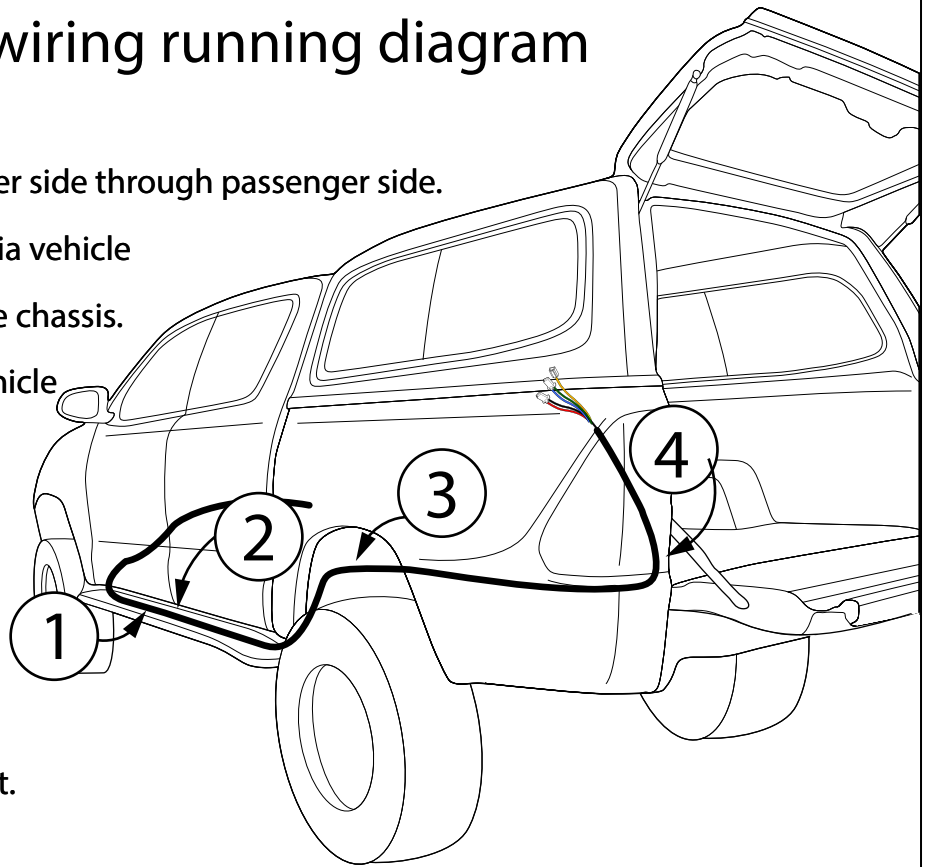
Point 1 Wiring running from driver side through passenger side.

Point 2 Running canopy wiring via vehicle wiring hole/pipe along under the chassis.

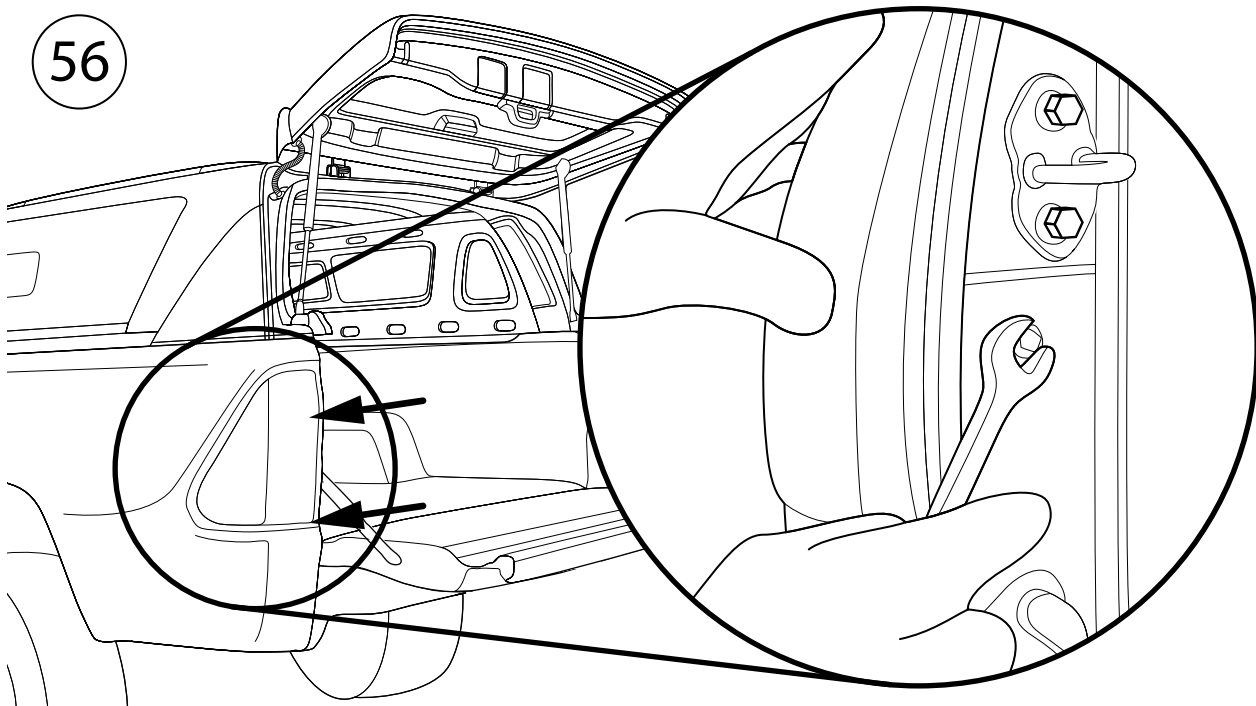
Point 3 Wiring that run under vehicle along the chassis.

Point 4 Wiring that run via chassis at the fender area.

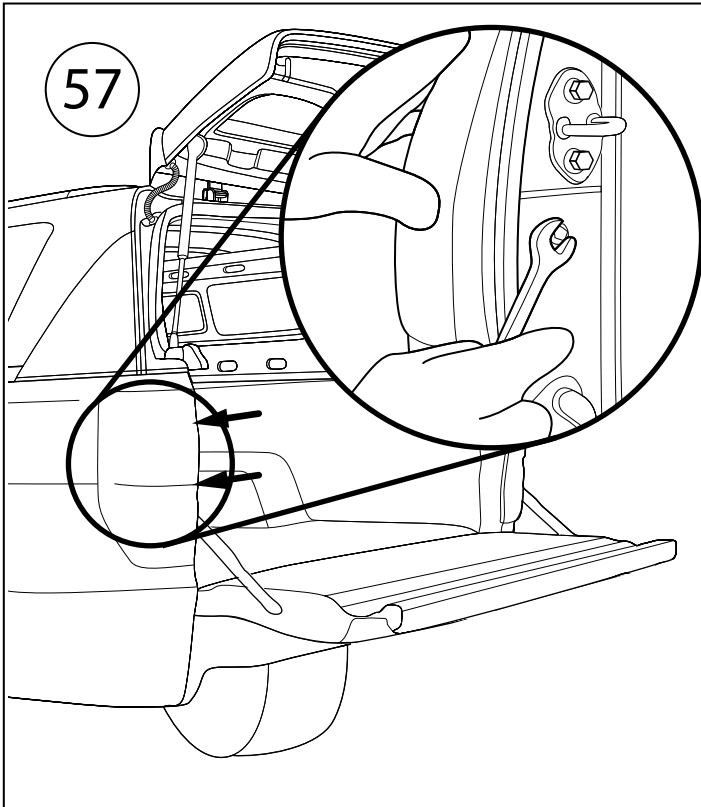
Point 5 Wiring that running up the rear light in order to connect with the other wiring set.



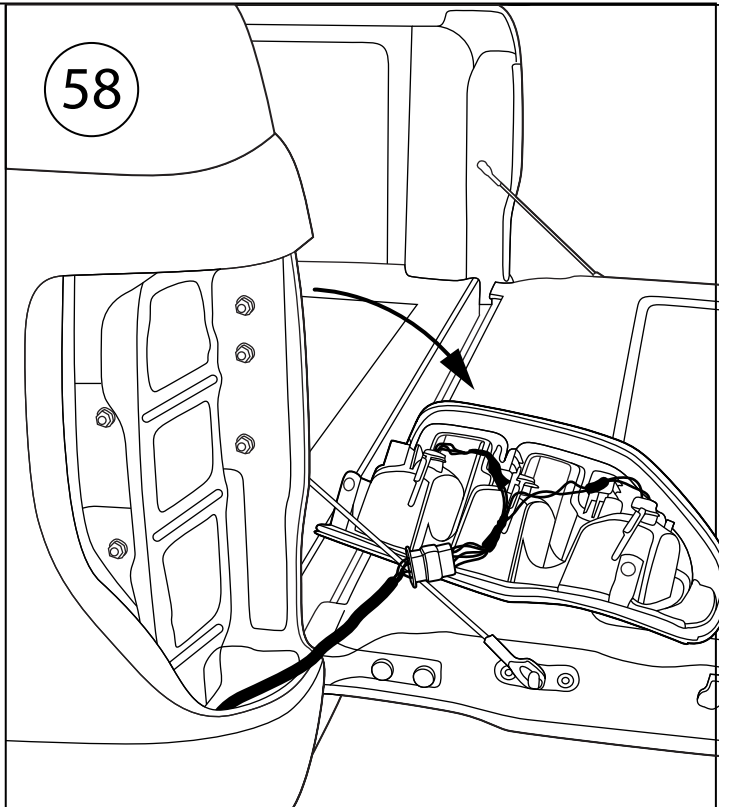
56



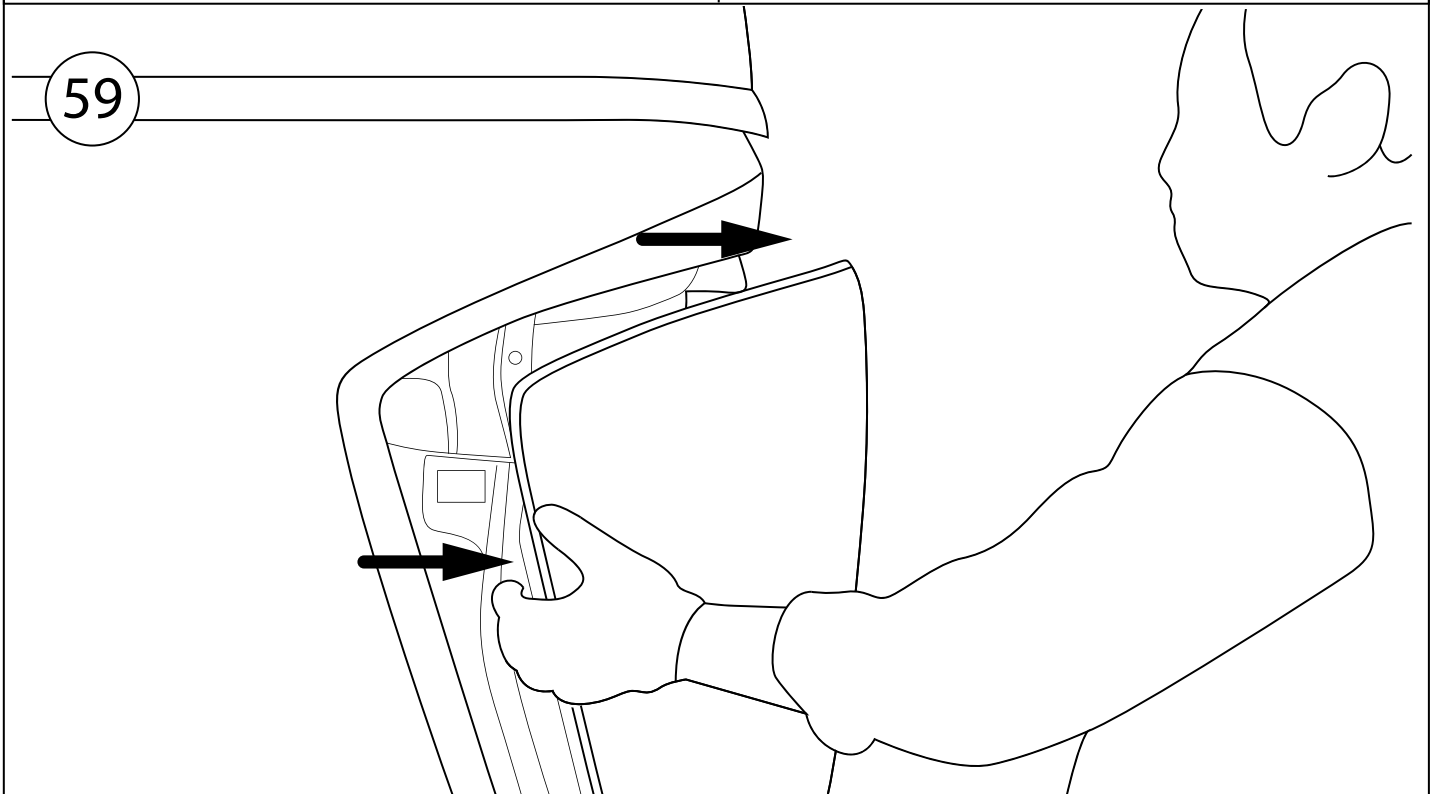
Take off the Rear Light by using wrench No.10



Take off the Rear Light by using wrench No.10



Take off the Rear Light vehicle.

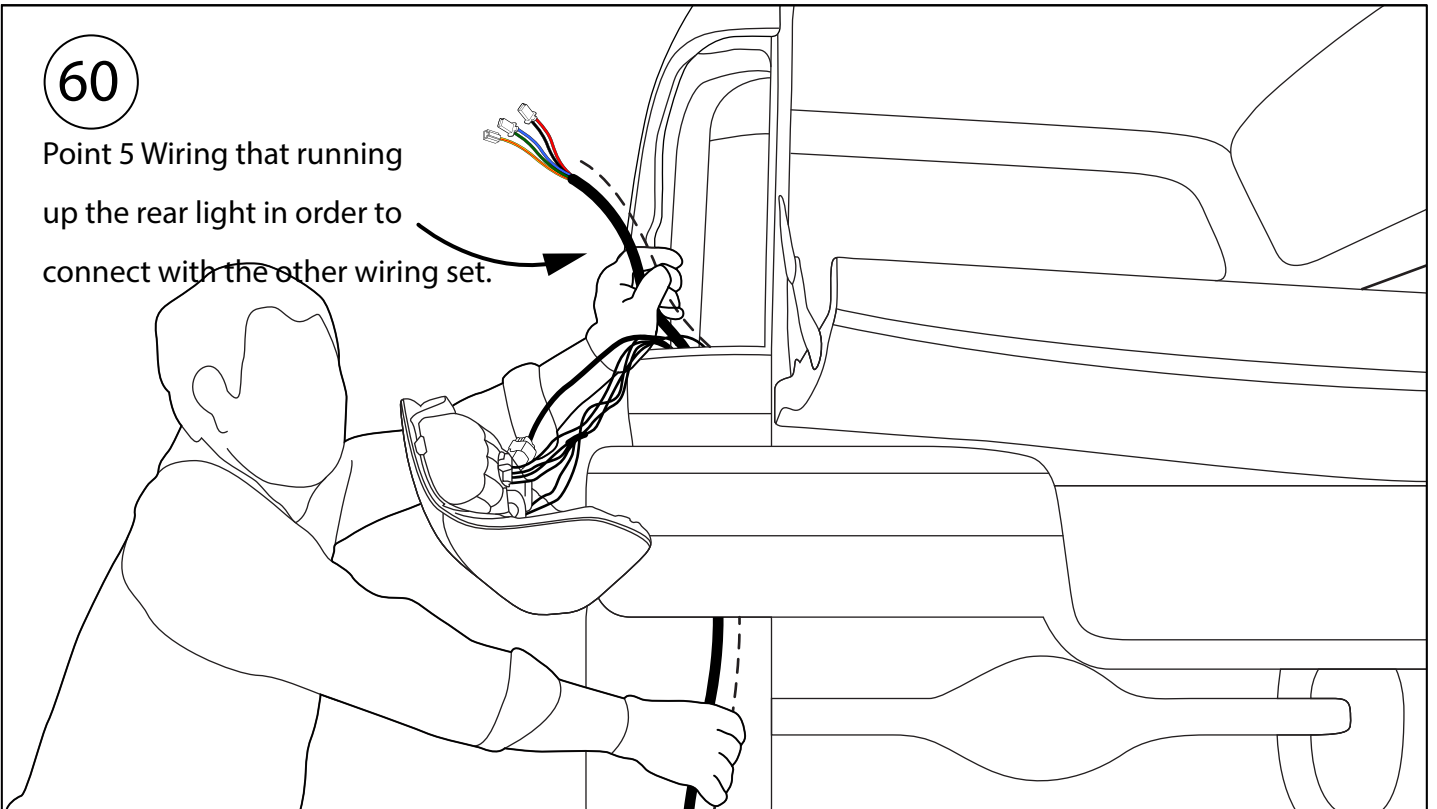


Take off the Rear Light vehicle.



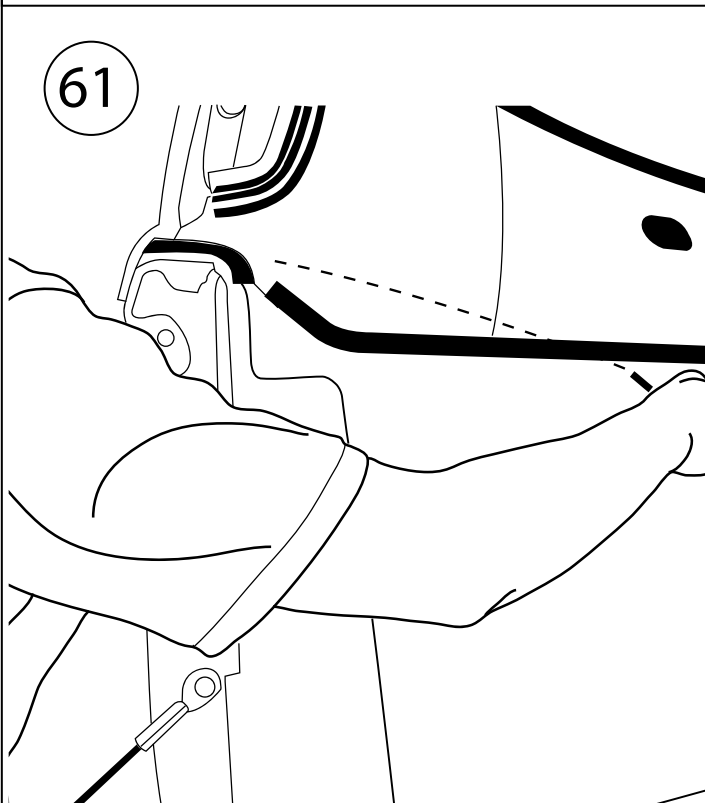
60

Point 5 Wiring that running up the rear light in order to connect with the other wiring set.



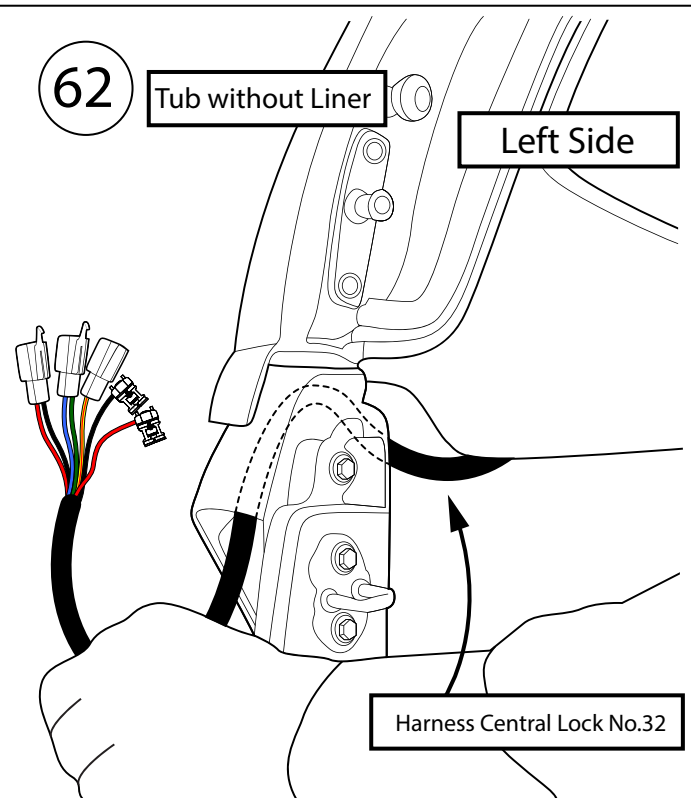
Running the Harness Central Lock No.38 up to the vehicle rear light in order to connects with the Harness Central Lock No.32.

61



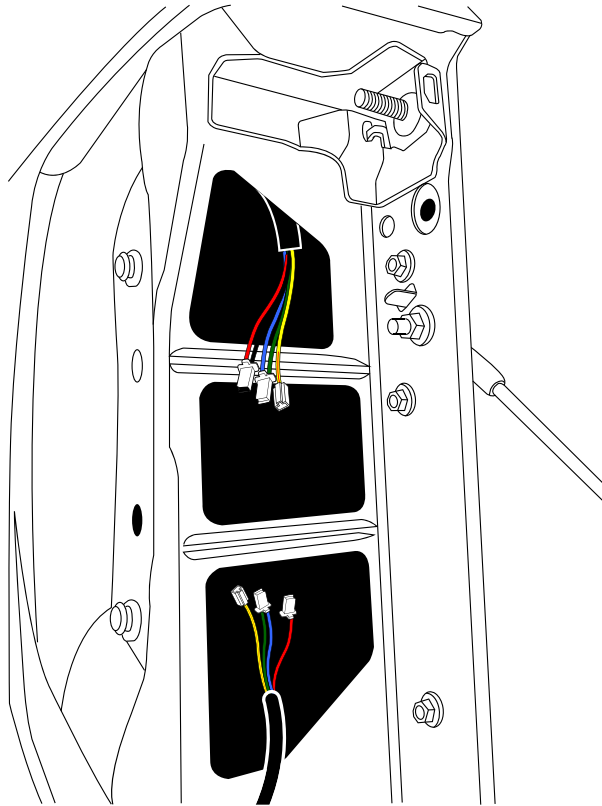
Run the rod along the vehicle edge till the Rear vehicle light.

62

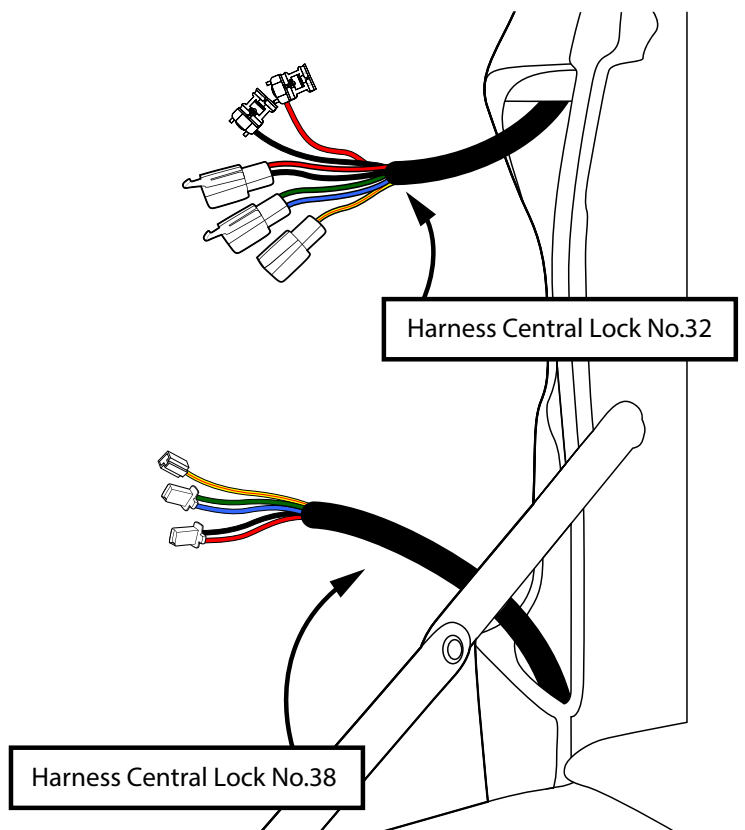


Run the Harness Central Lock No.38 along the vehicle tub channel out of the Rear Light Socket.

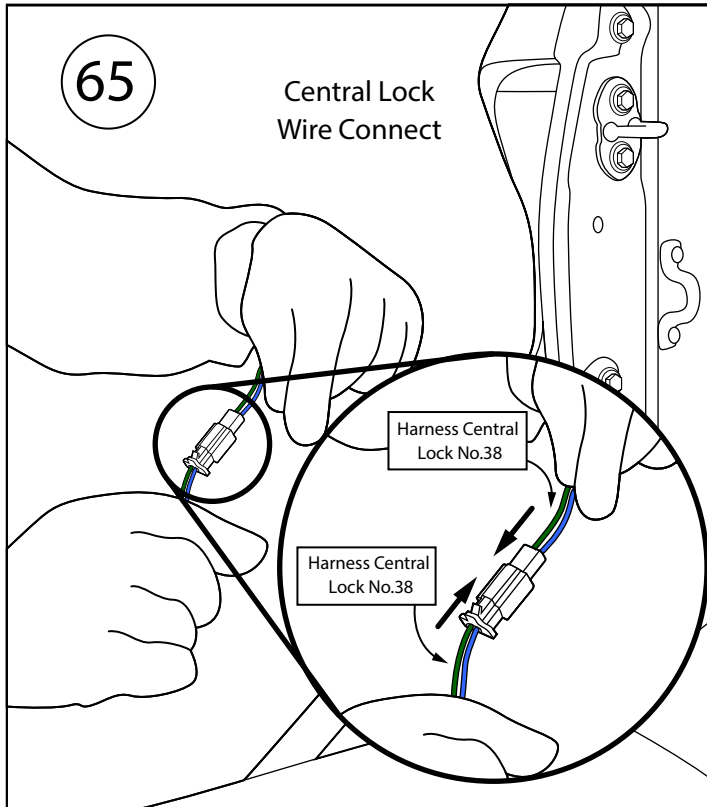
63



64

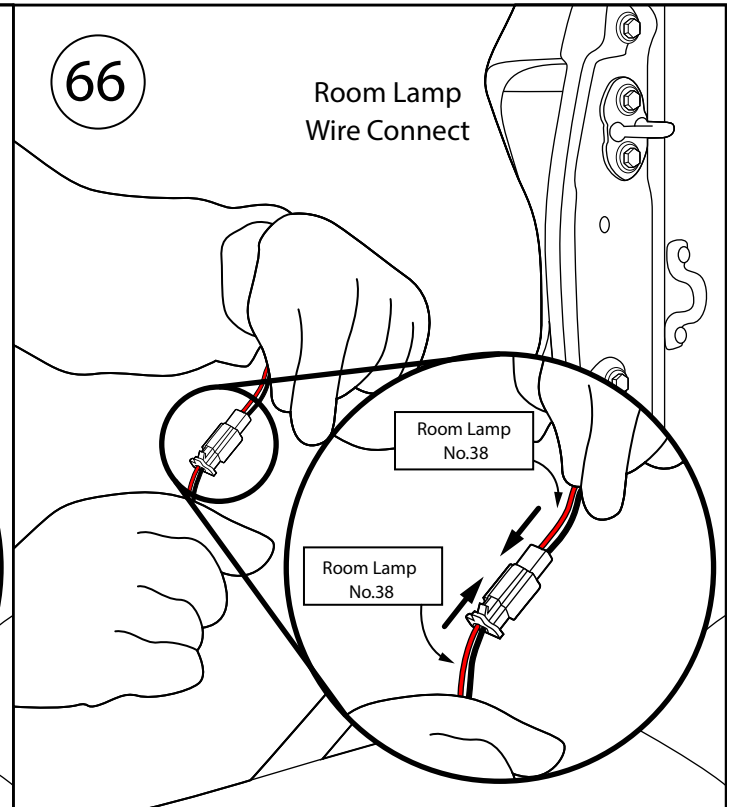


The Harness Central Lock No.32 wiring vehicle position and the Harness Central Lock No.38 wiring set.



65

Central Lock  
Wire Connect

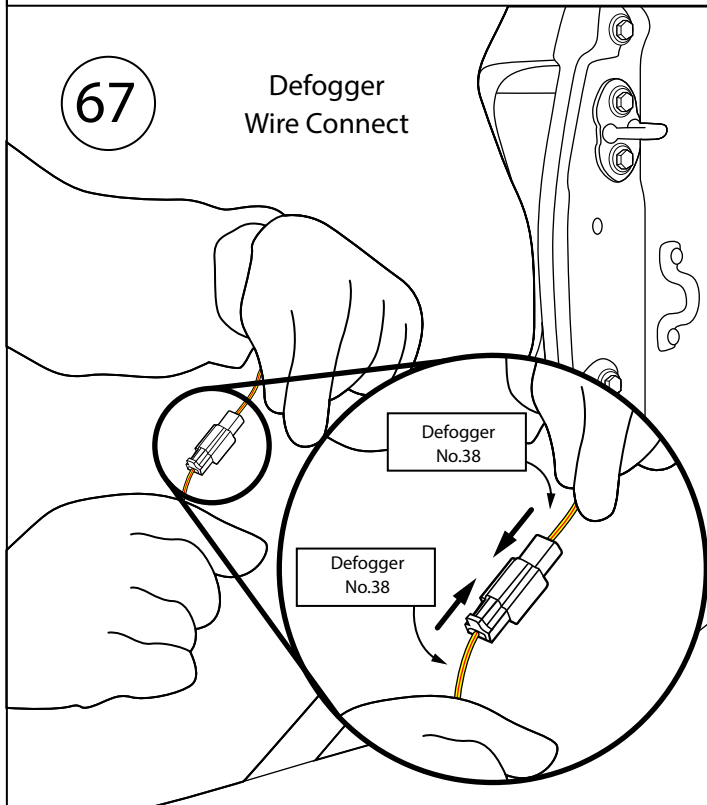


66

Room Lamp  
Wire Connect

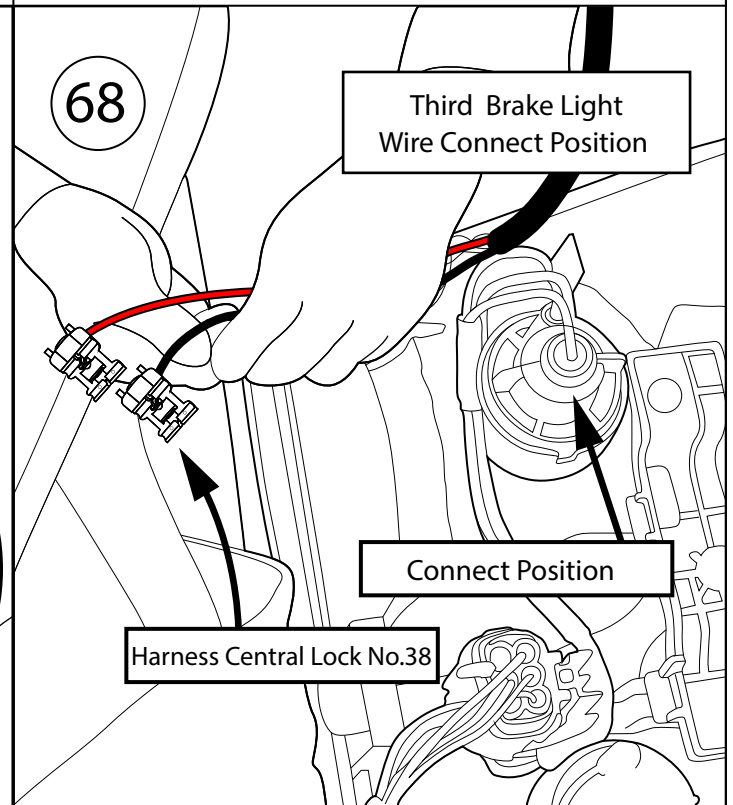
The Process of Connecting Central Lock (BL,DG) Wiring of the Harness Central lock NO.38 With the Central Lock (BL,DG) Wiring of the Harness Central lock NO.38

The Process of Connecting the Room Lamp (RD,BK) Wiring Harness Central lock NO.38 With the Room Lamp (RD,BK) Wiring Harness Central lock NO.38



67

Defogger  
Wire Connect



68

Third Brake Light  
Wire Connect Position

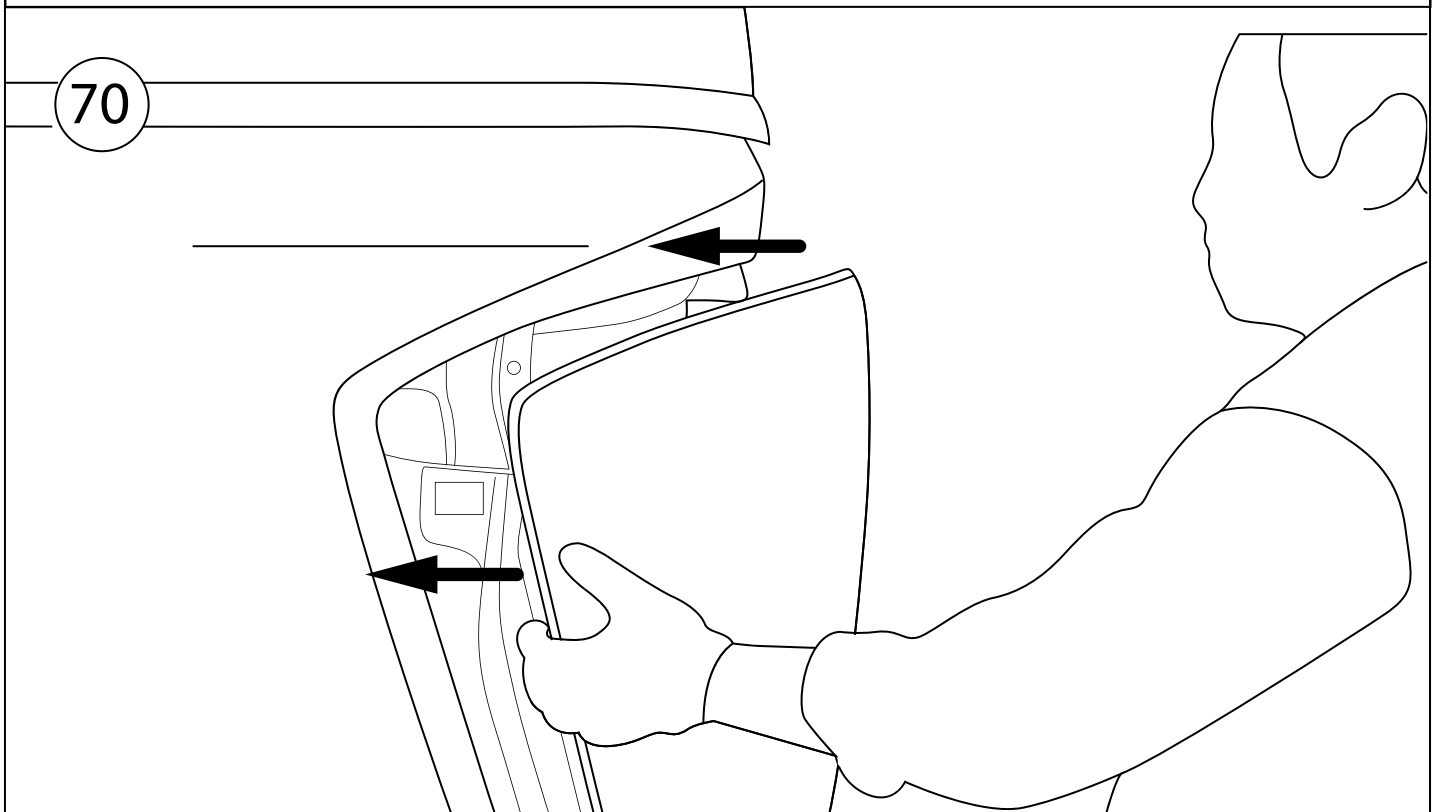
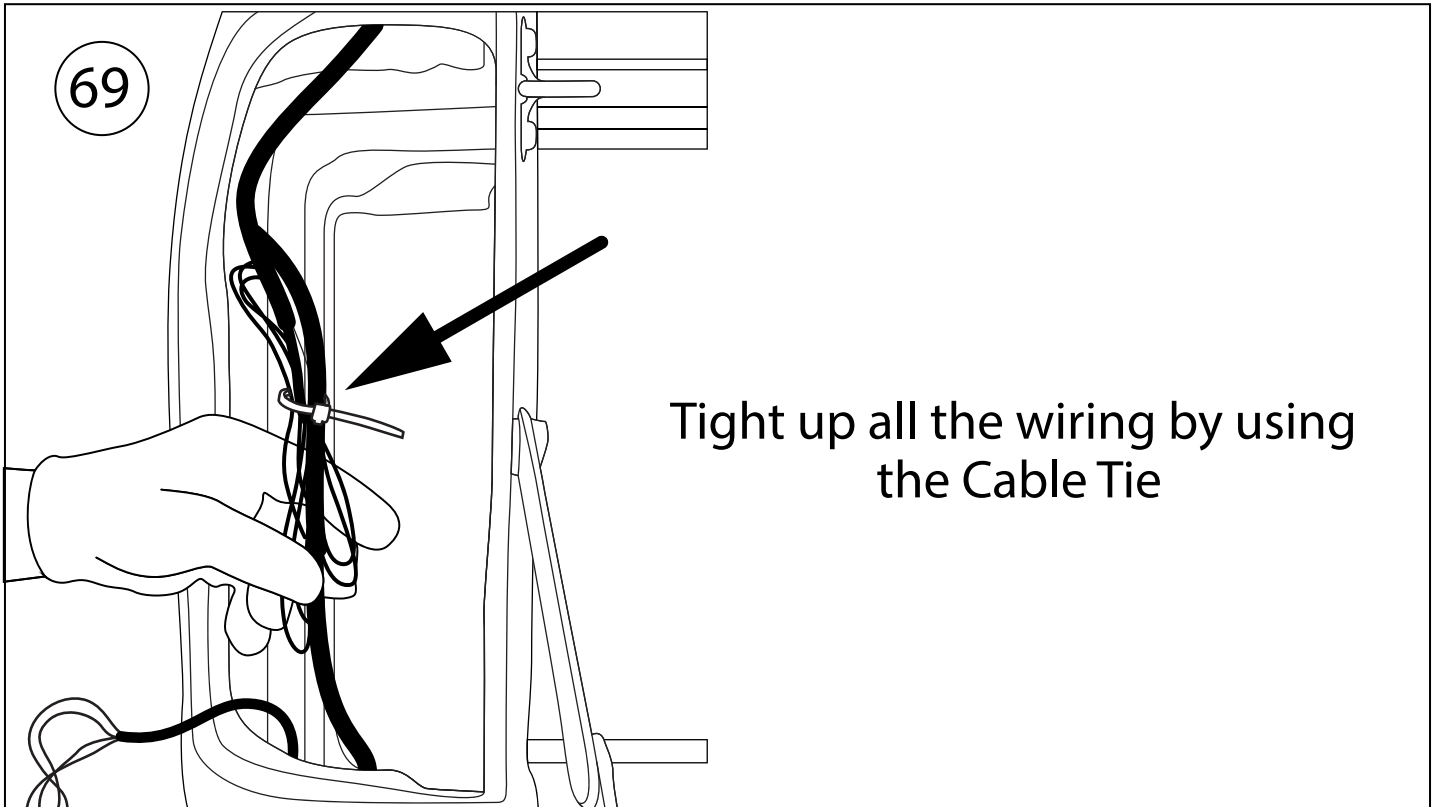
Connect Position

Harness Central Lock No.38

The Process of Connecting Central Lock (BL,DG) Wiring of the Harness Central lock NO.38 With the Central Lock (BL,DG) AC Wiring of the Harness Central lock NO.38

The position of connecting the Red and Black Wiring of the Third Brake Light (RD,BK) circuit of the Harness Central Lock No.38 with the vehicle rear light.



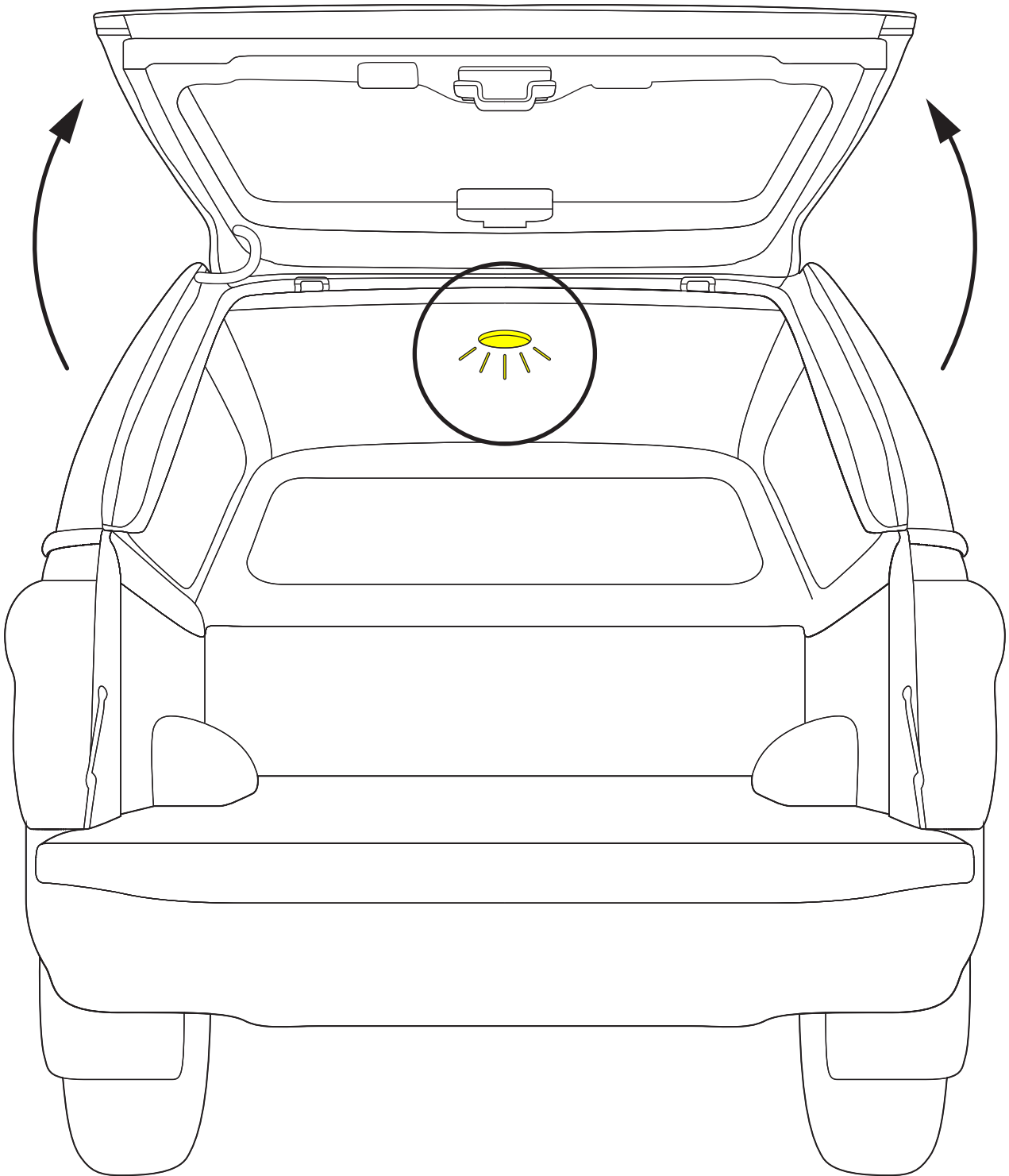


Take off the Rear Light vehicle.





71

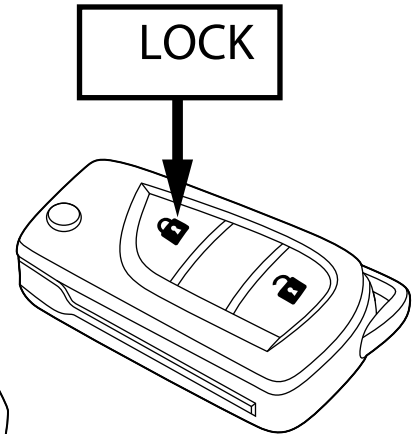
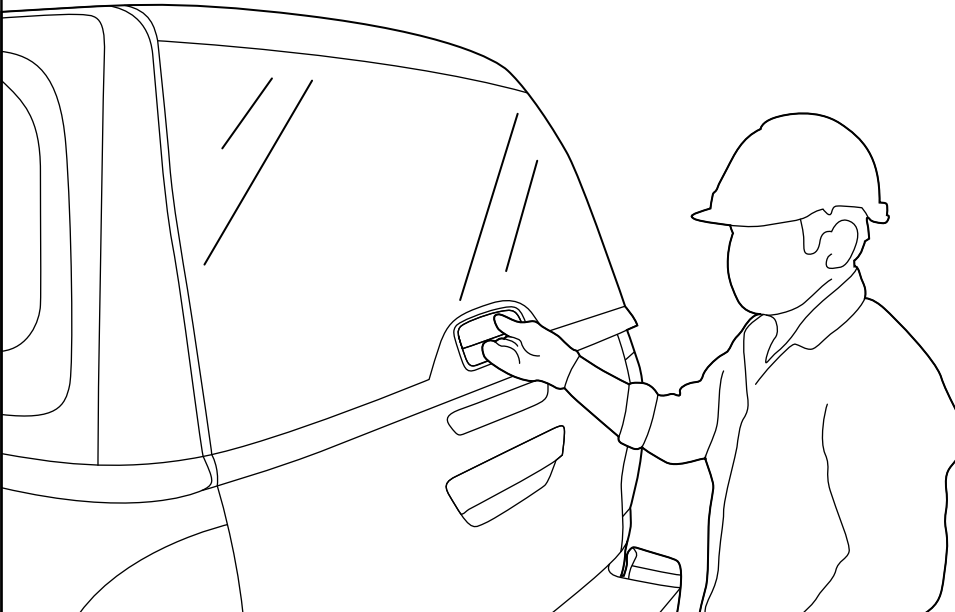


Room Lamp checking by opening the rear door then the Room Lamp will be on.



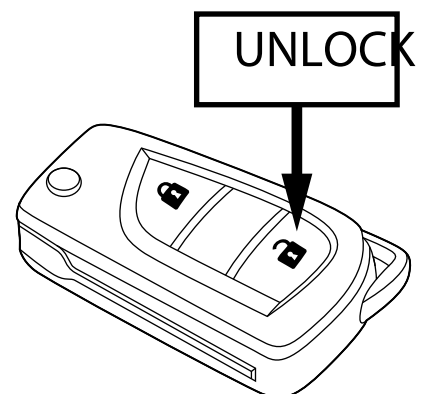
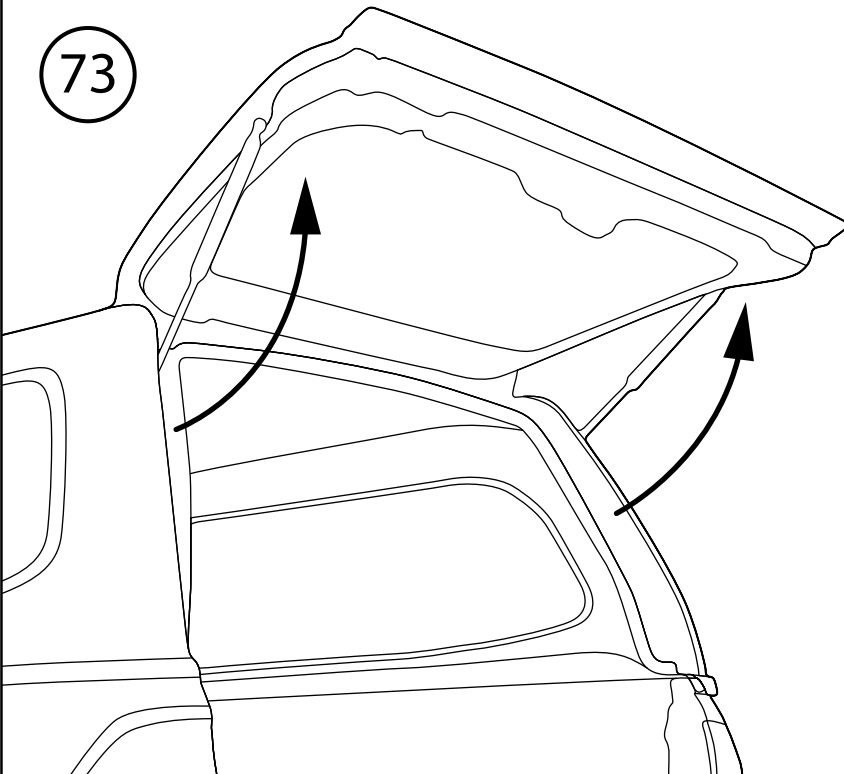
72

Check the Central Lock / Room Lamp working.



Central Lock checking by pressing the vehicle remote key at the Lock position, Canopy will be lock and cannot open.

73



Central Lock checking by pressing the vehicle remote key at the Unlock position, Canopy will be open.



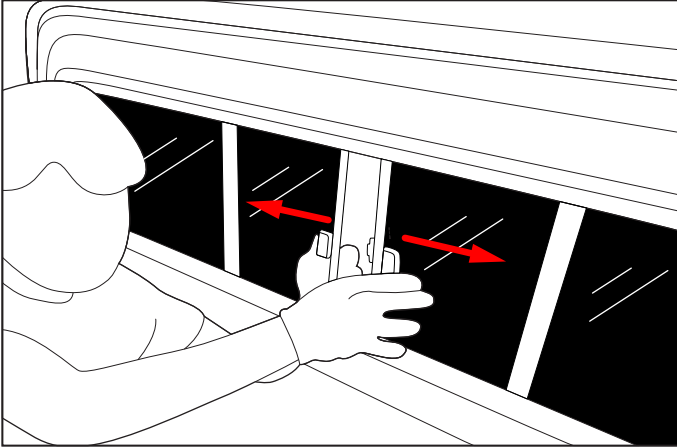
**SAMMITR**

# Opening Function of all canopy model



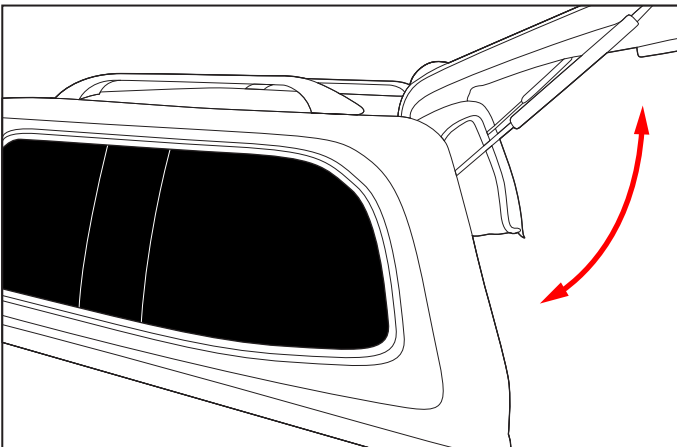
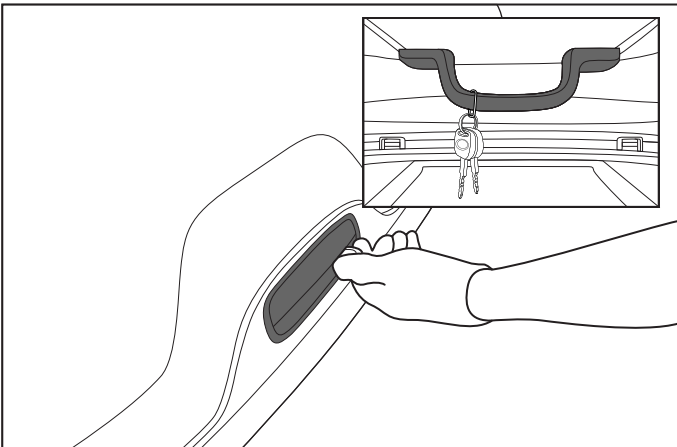
# SAMMITR

Front Window function usages  
will be the same for all model,  
V2, V4 and TL1.

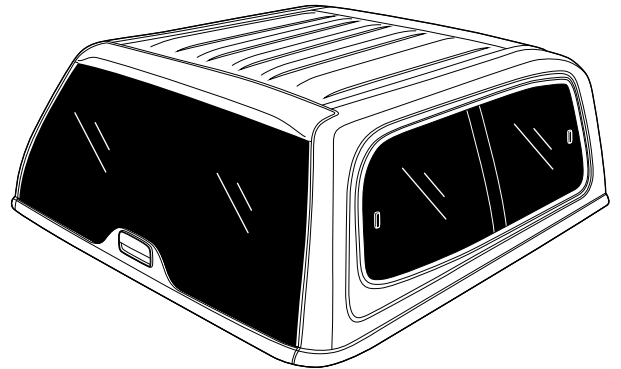


Use the key is unlock function will  
be the same for all model,  
V2, V4 and TL1.

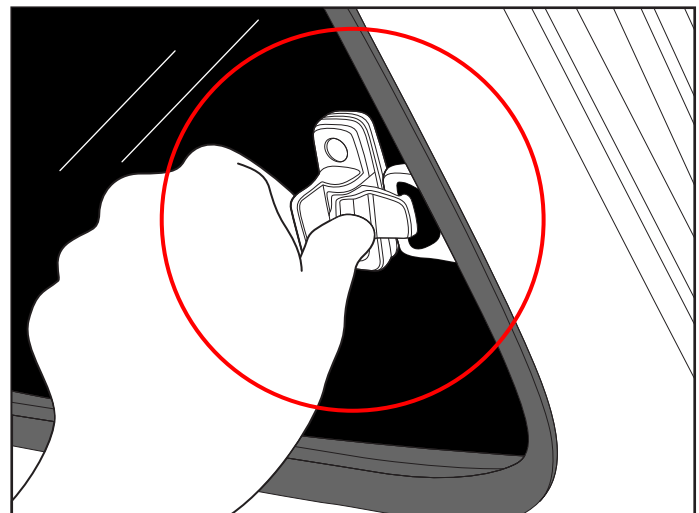
Open the backdoor function  
are different.



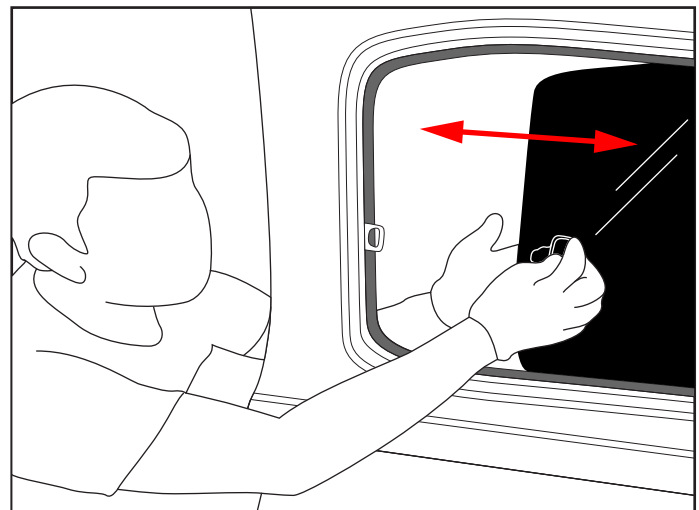
User manual



Slide Window (Left-Right)



Squeeze the lock side to open.

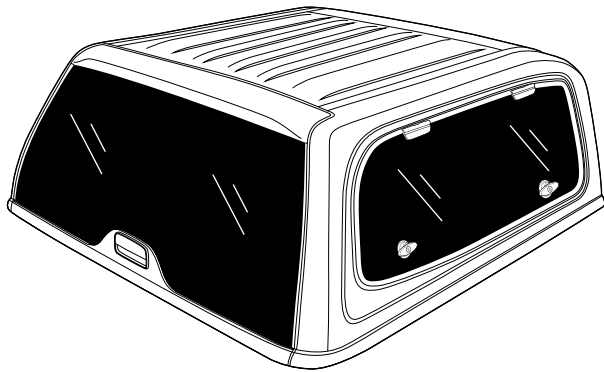


The Picture shows how to open the side  
window.

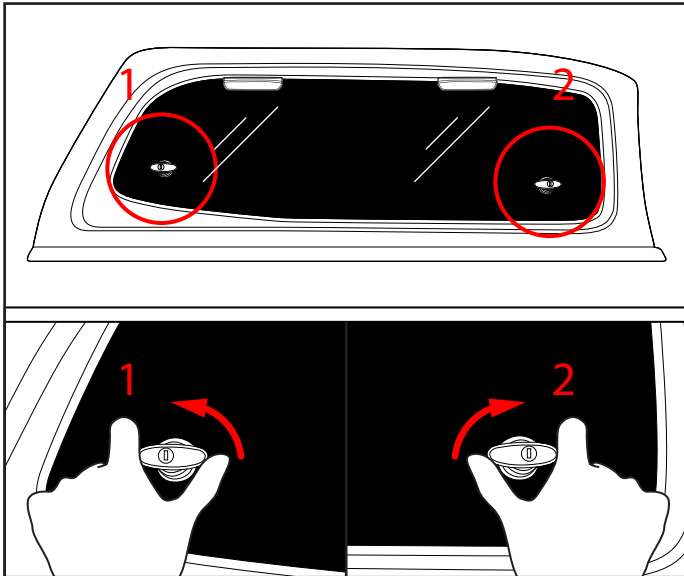


**SAMMITR**

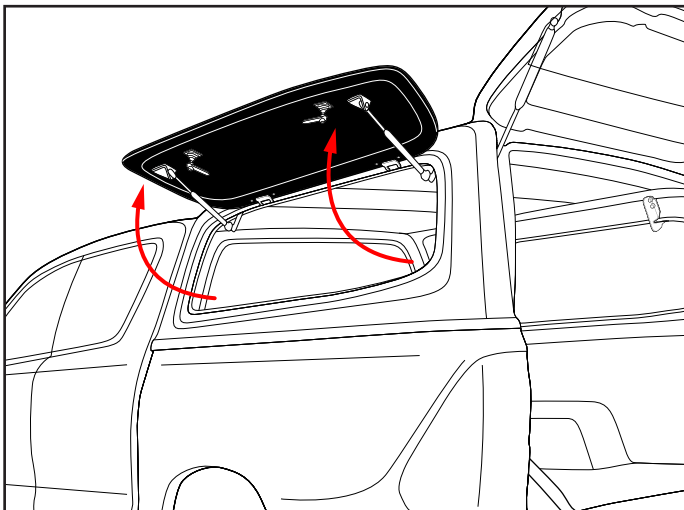
User manual



Glass Birdwing Window Left-Right  
(Handle Lock)

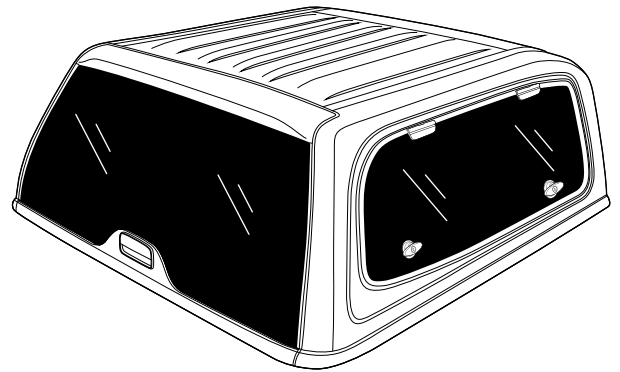


Turn around the canopy lock as shown in picture to open the side window.

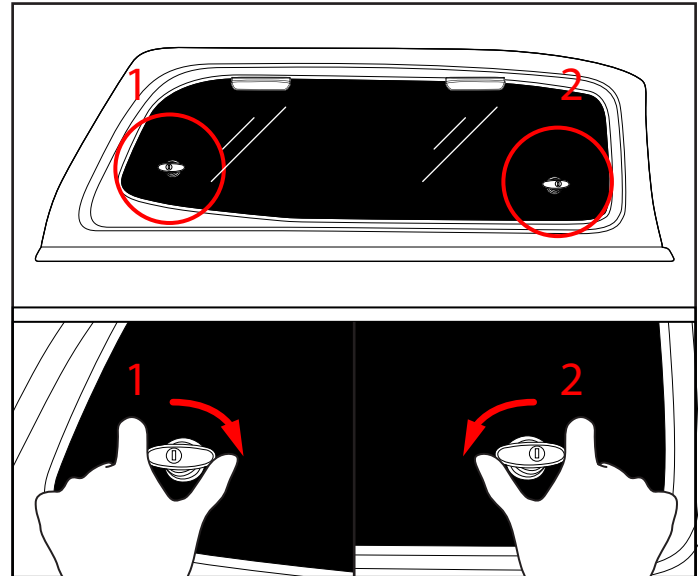


Picture shows how to open the side window.

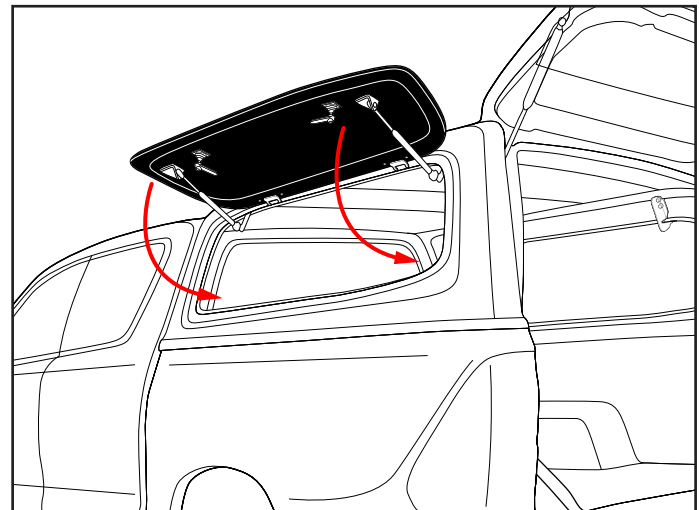
User manual



Glass Birdwing Window Left-Right  
(Handle Lock)



Turn around the canopy lock as shown in picture to close the side window.

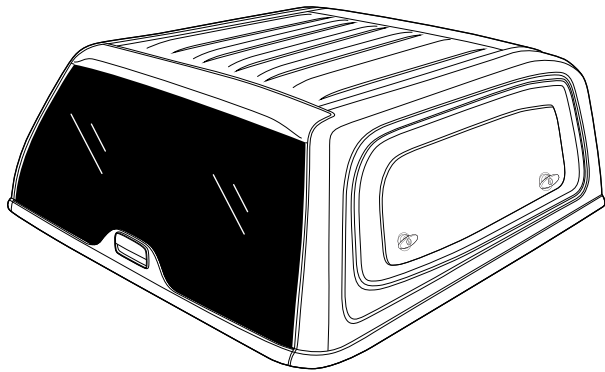


Picture shows how to close the side window.

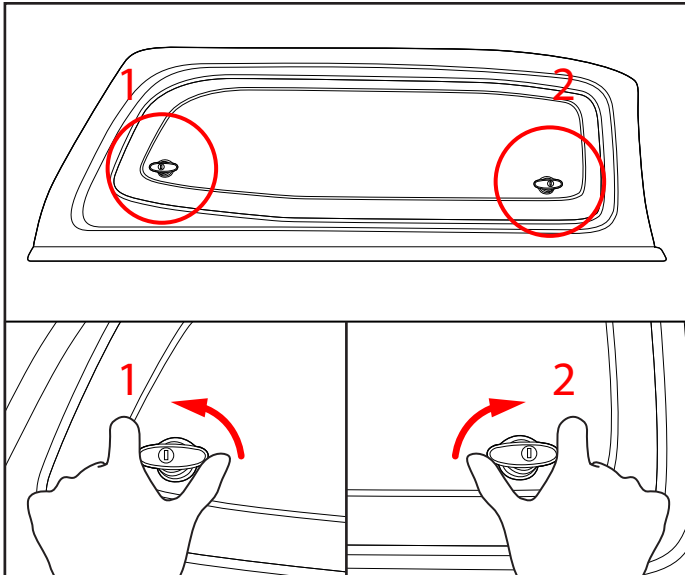


**SAMMITR**

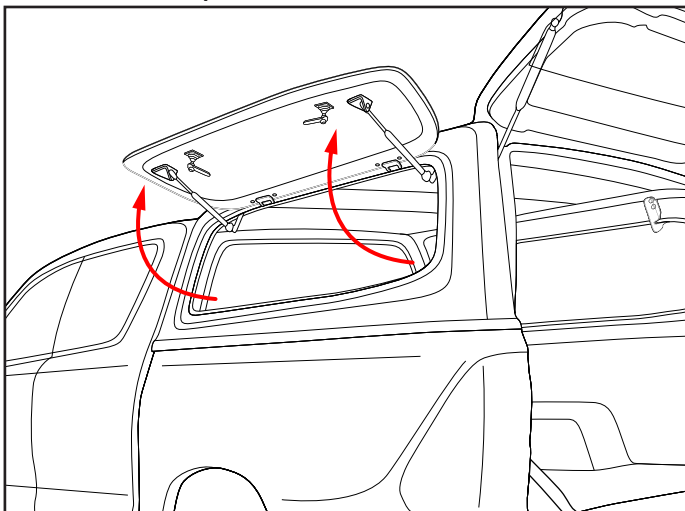
User manual



Solid Birdwing Window Left-Right  
(Handle Lock)

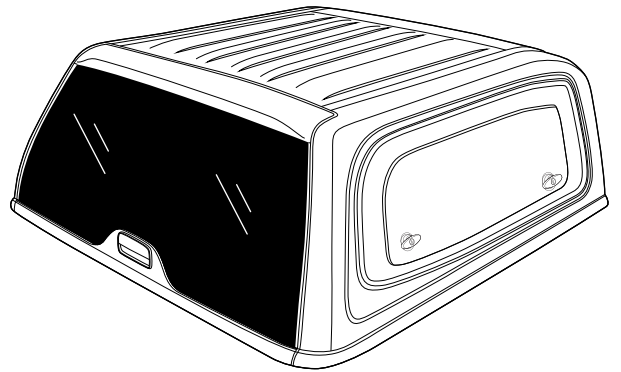


Turn around the canopy lock as shown in picture to  
open the side window.

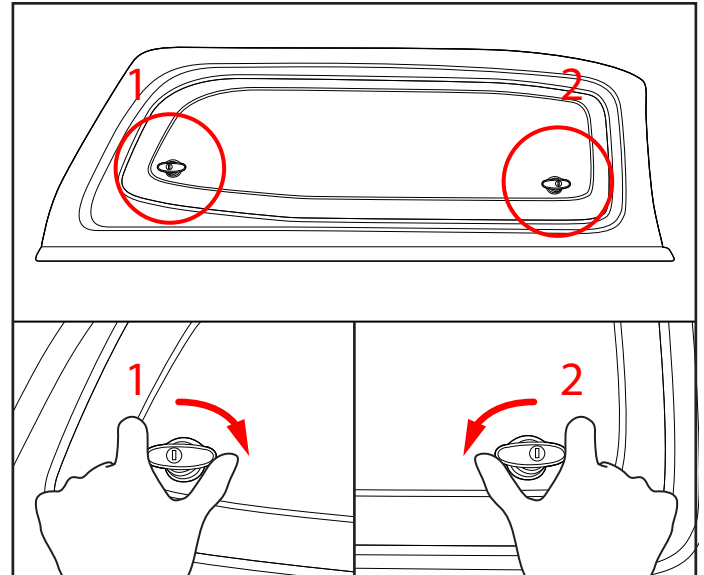


Picture shows how to open the side window.

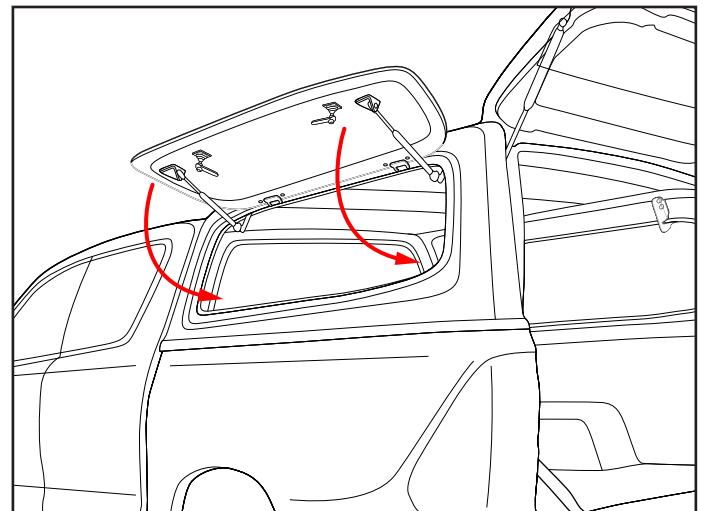
User manual



Solid Birdwing Window Left-Right  
(Handle Lock)



Turn around the canopy lock as shown in picture to  
close the side window.

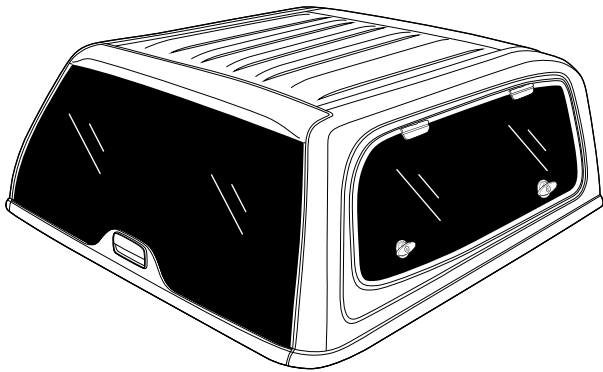


Picture shows how to close the side window.

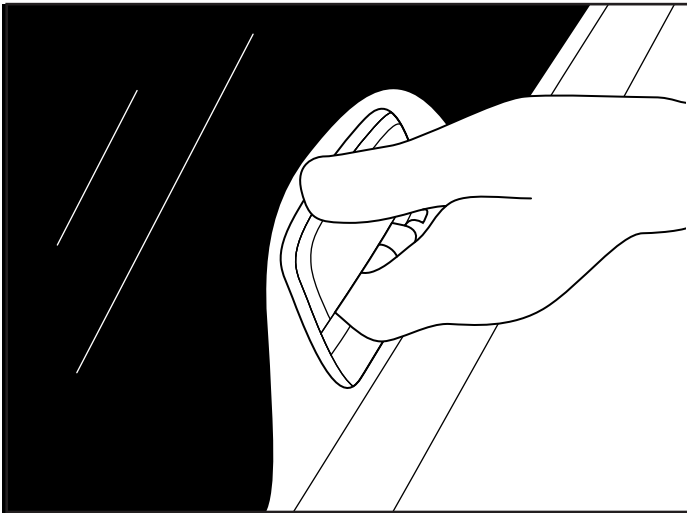


**SAMMITR**

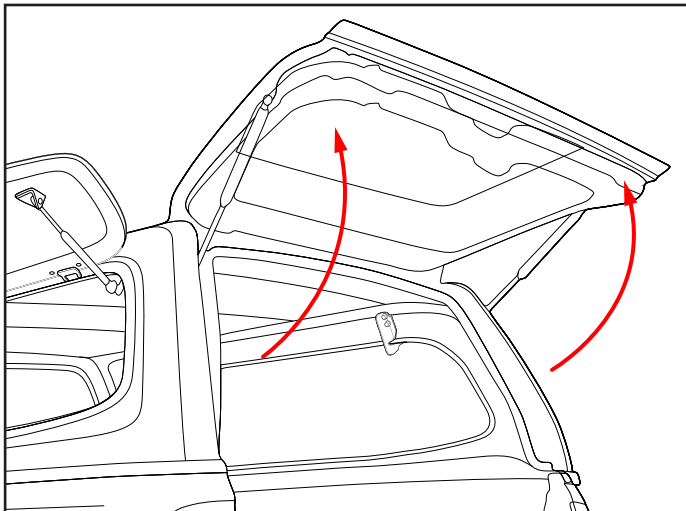
User manual



Backdoor

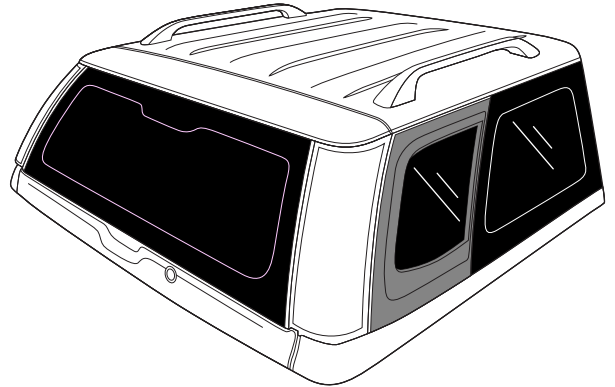


Use the handle as shown in picture to open the backdoor.

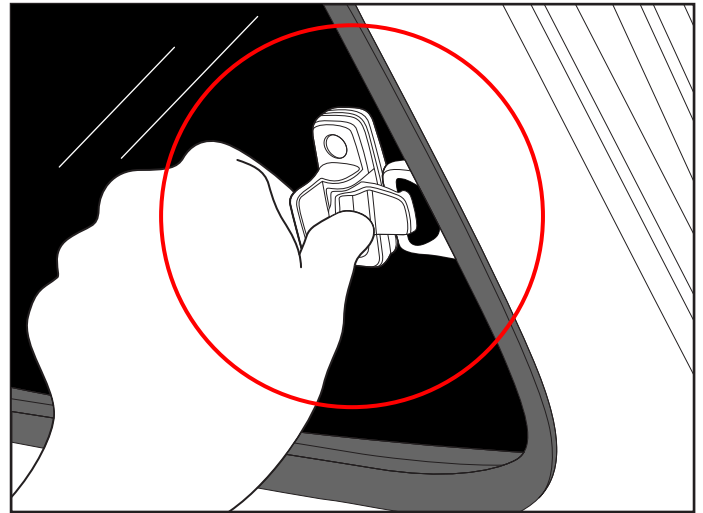


The Picture shows how to open the backdoor.

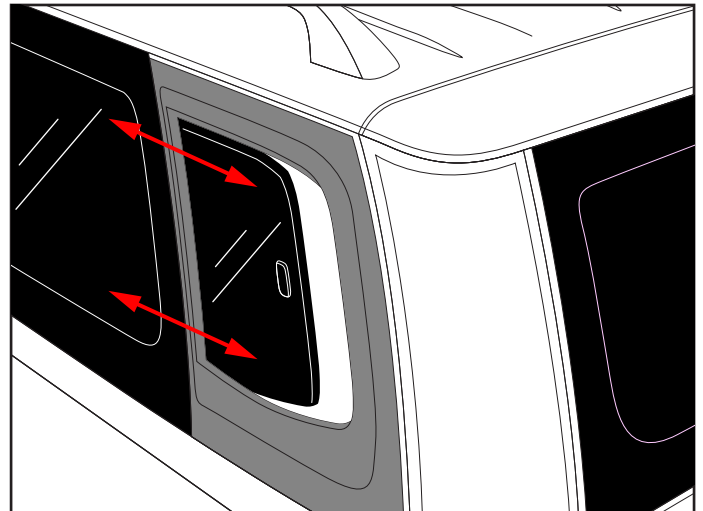
User manual



Slide Window (Left-Right)



Squeeze the lock side to open.



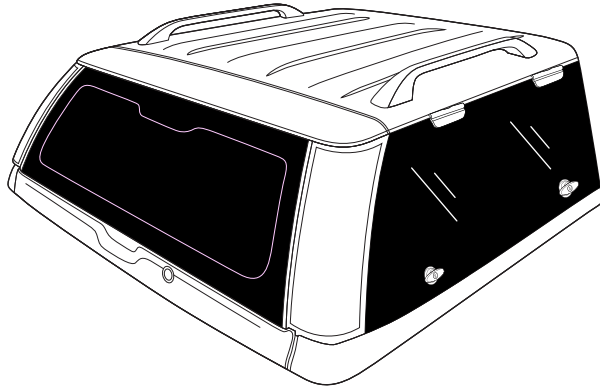
The Picture shows how to open the side



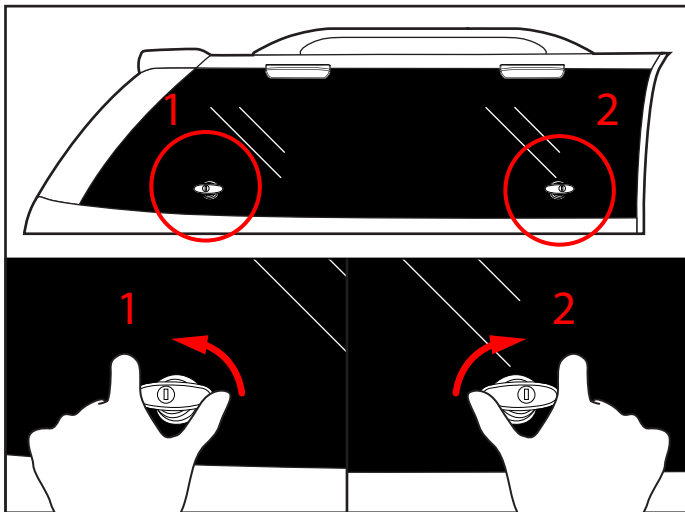


**SAMMITR**

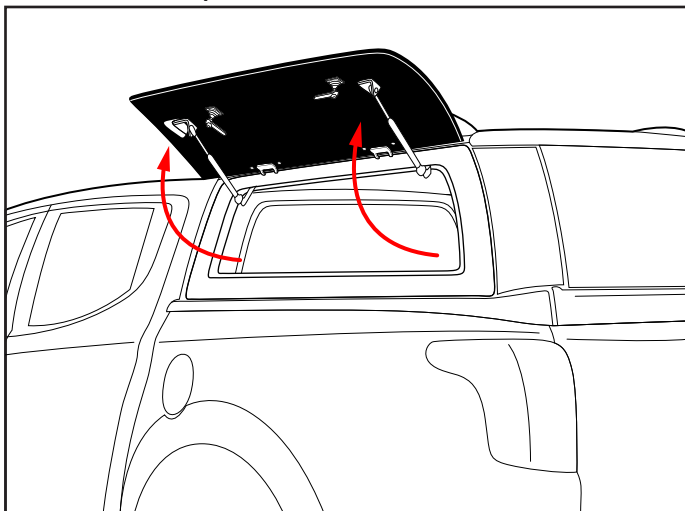
User manual



Glass Birdwing Window Left-Right  
(Handle Lock)

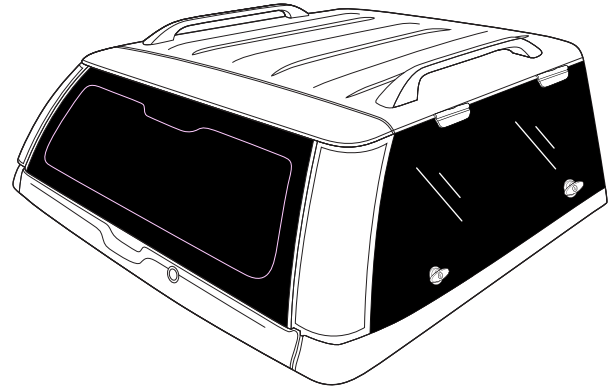


Turn around the canopy lock as shown in picture to open the side window.

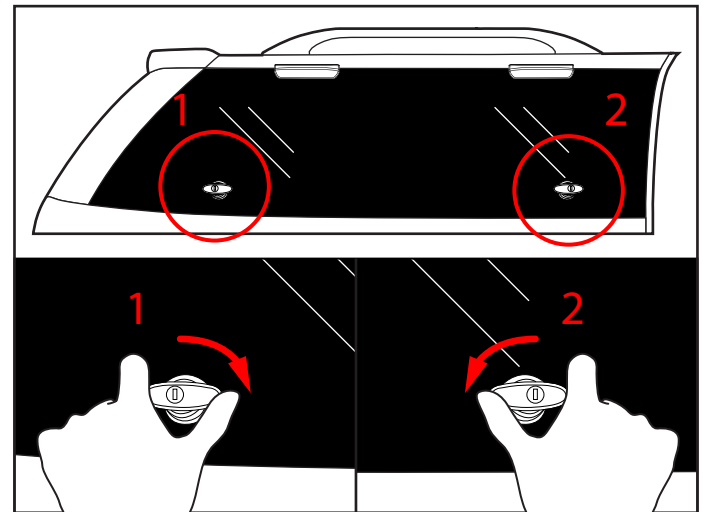


Picture shows how to open the side window.

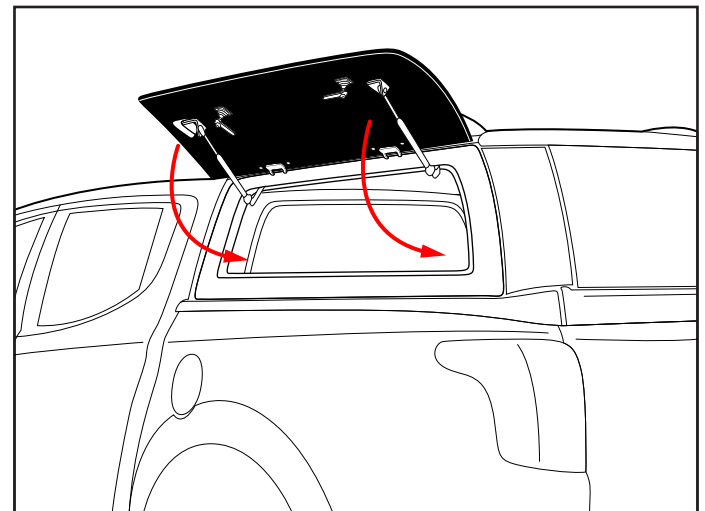
User manual



Glass Birdwing Window Left-Right  
(Handle Lock)



Turn around the canopy lock as shown in picture to close the side window.



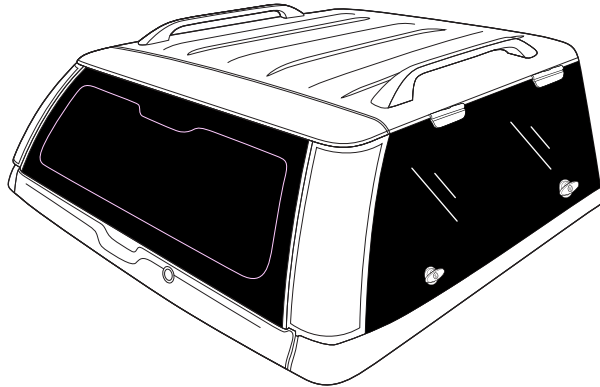
Picture shows how to close the side window.



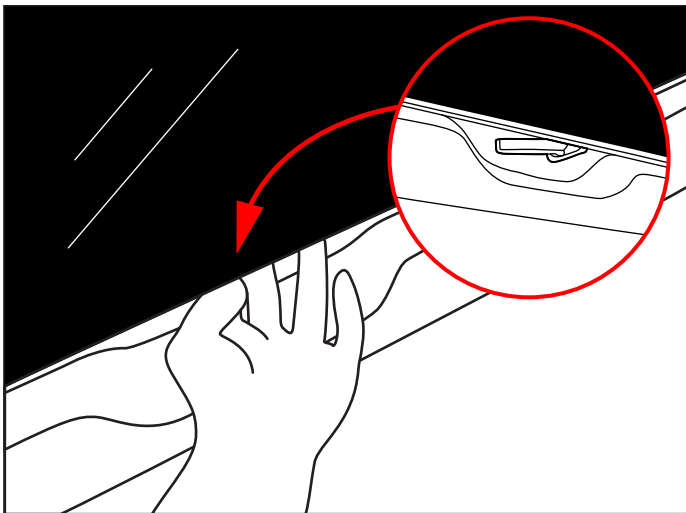


# SAMMITR

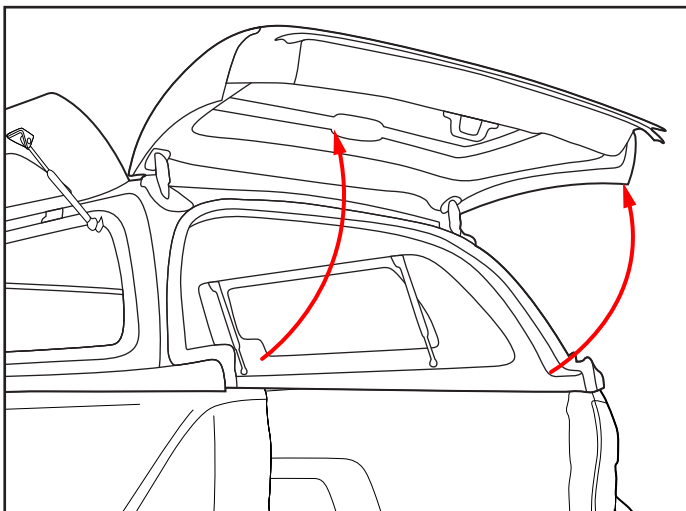
User manual



Backdoor

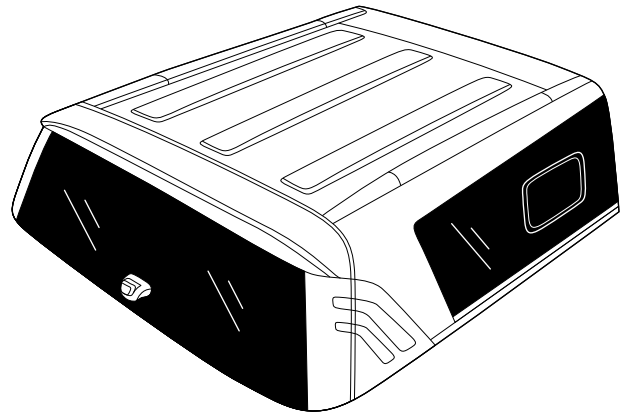


Pull the stick of handle to open the back door.

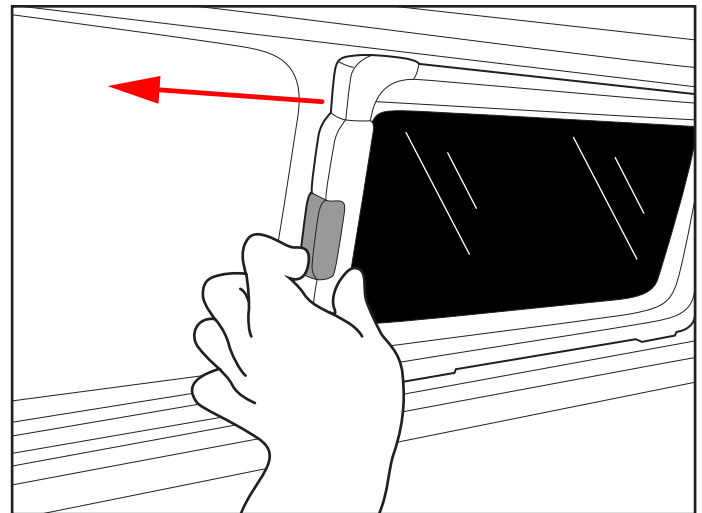


The Picture shows how to open the backdoor.

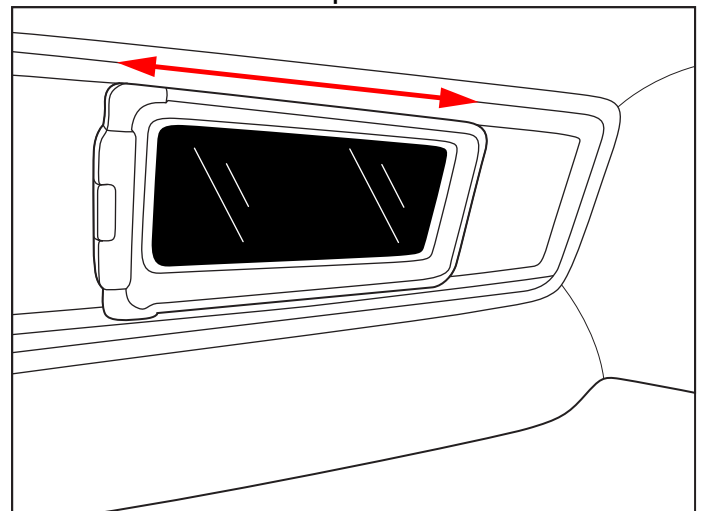
User manual



Slide Window (Left-Right)



Push the button in side canopy and slide back to open.

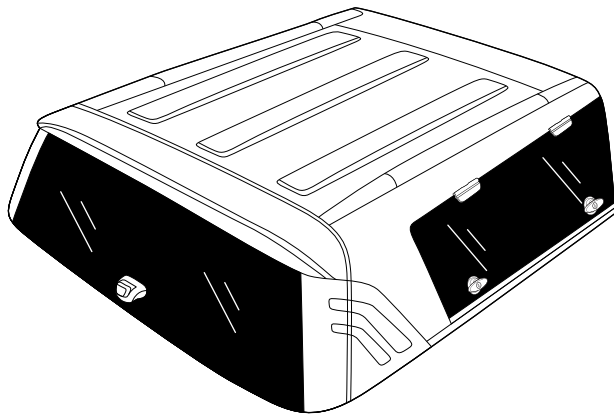


Picture shows how to open the side window from inside.

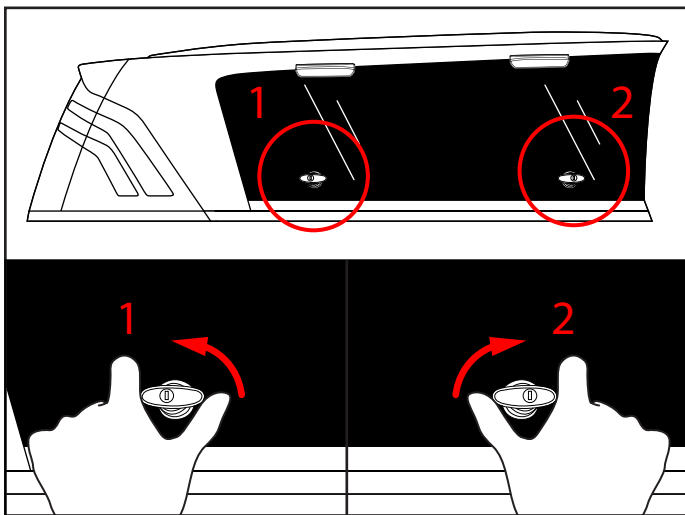


**SAMMITR**

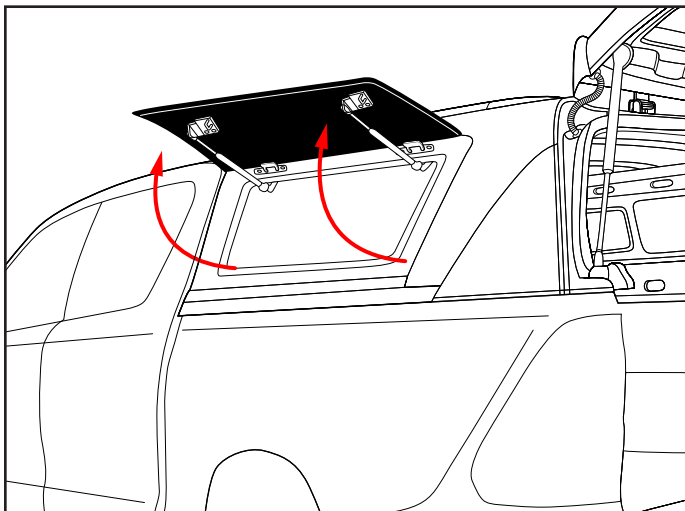
User manual



Glass Birdwing Window Left-Right  
(Handle Lock)

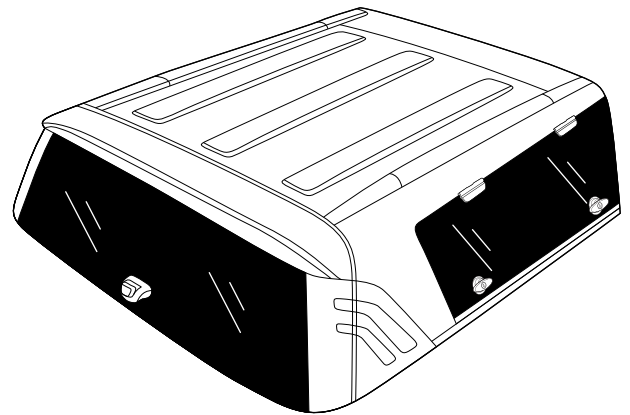


Turn around the canopy lock as shown in picture to open the side window.

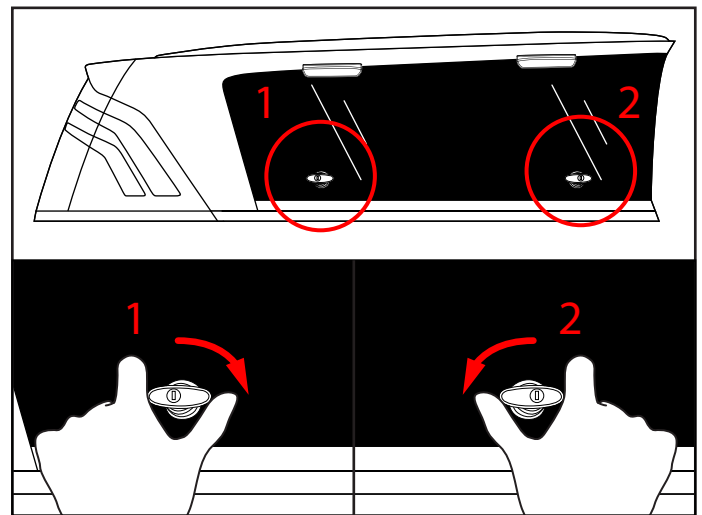


Picture shows how to open the side window.

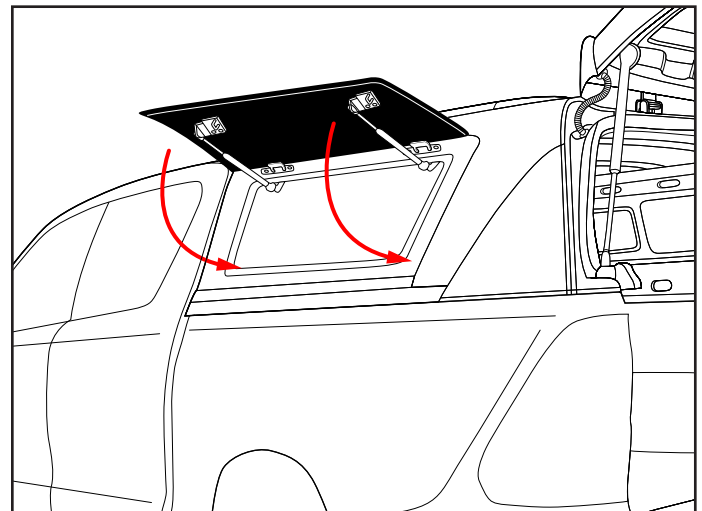
User manual



Glass Birdwing Window Left-Right  
(Handle Lock)



Turn around the canopy lock as shown in picture to close the side window.

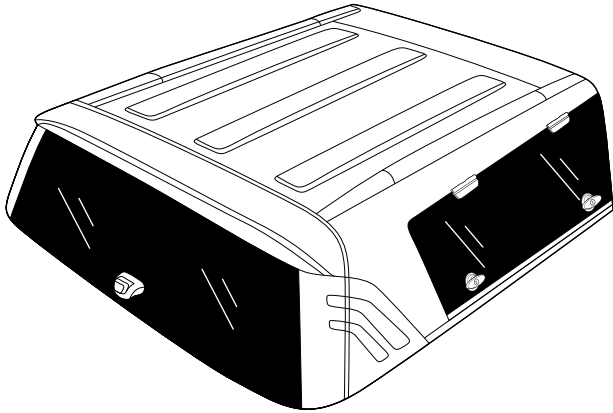


Picture shows how to close the side window.

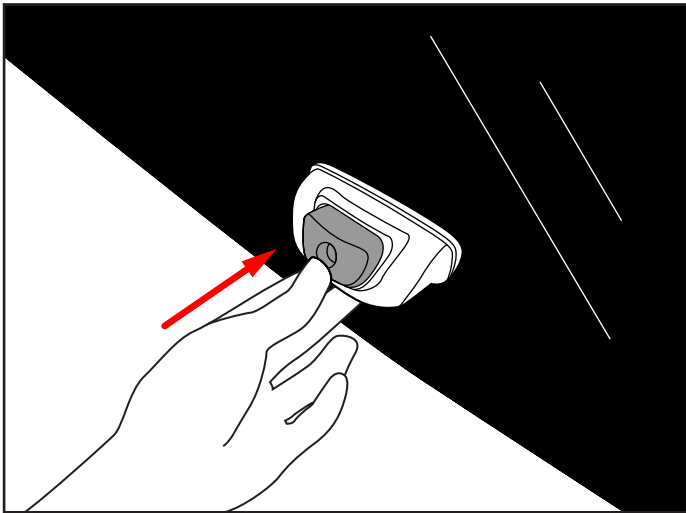


# SAMMITR

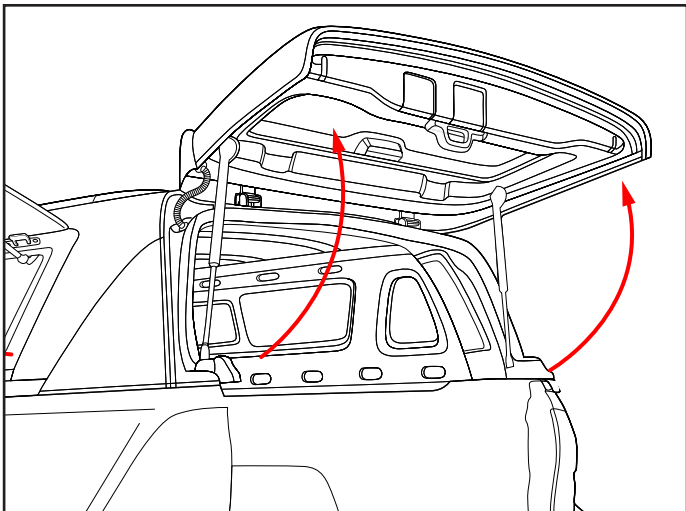
User manual



Backdoor



Push the button to open the back door.



The Picture shows how to open the backdoor.