

Date..../.....

Version 1.0

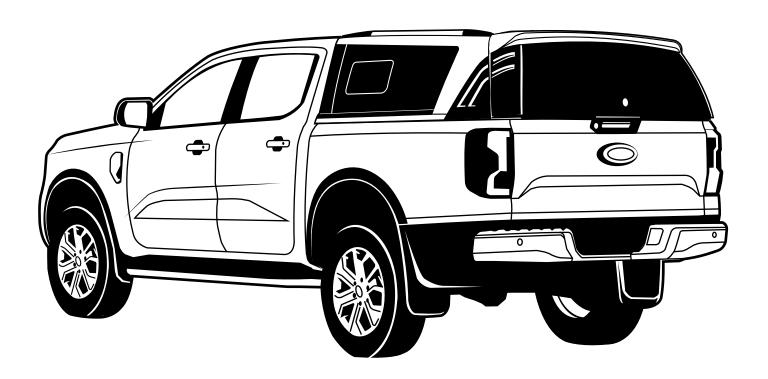


Electric lock bird wing Installation Manual for

Ford Next Gen
Amarok Next Gen
2023

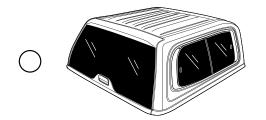


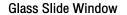






■ Steel Canopy S-Plus V2 ⁻







Solid Window



Solid Birdwing Window (Handle Lock)

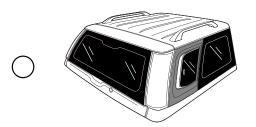


Glass Birdwing Window (Handle Lock)



Glass Birdwing Window (Electric Lock)

Steel Canopy SUV-Plus V4 -



Glass Slide Window



Glass Fix Window

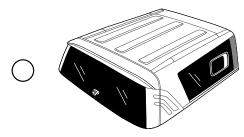


Glass Birdwing Window (Electric Lock)



Glass Birdwing Window (Handle Lock)

■ Steel Canopy TL-1 -



Glass Slide Window

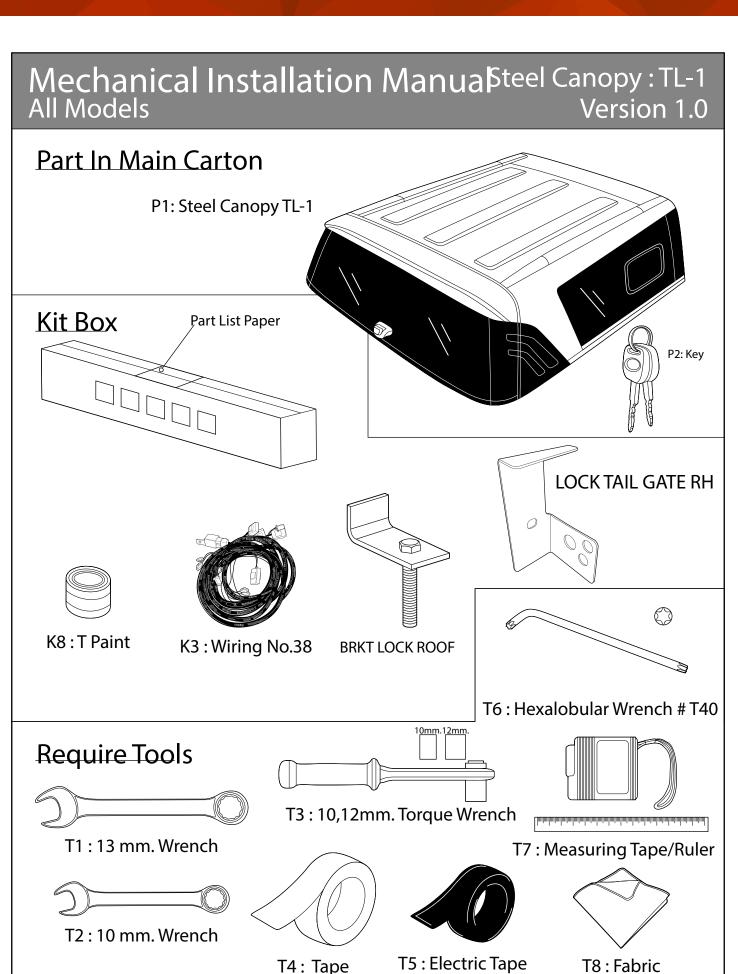


Glass Birdwing Window (Handle Lock)



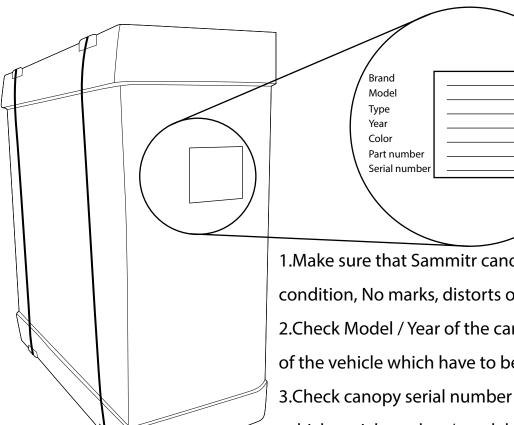
Glass Birdwing Window (Electric Lock)





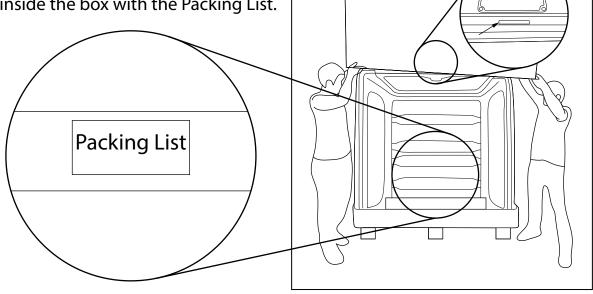


The Procedure of checking the Sammitr canopy box before installation.



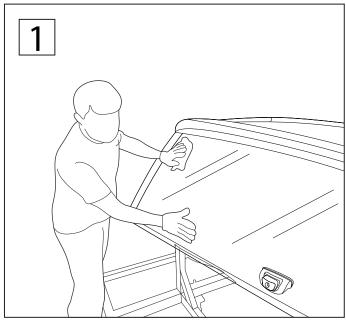
- 1.Make sure that Sammitr canopy box is in good condition, No marks, distorts or any damages.
- 2.Check Model / Year of the canopy and Model / Year of the vehicle which have to be matching.
- 3. Check canopy serial number / model code and vehicle serial number / model code which have to be matching by looking at the rear canopy handle.

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

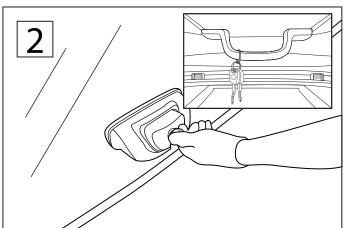


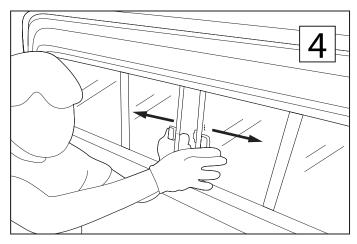


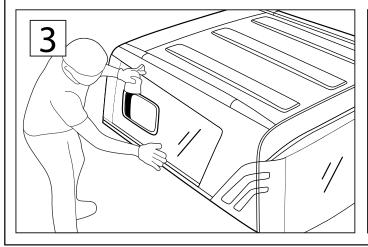
The preparation process of Sammitr Canopy
TL-1 model before installation with the vehicle.

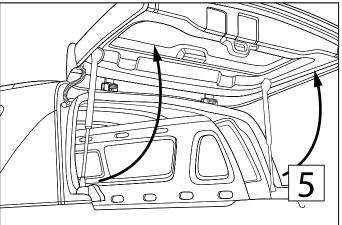


- 1. Canopy have to be in good condition, no damage, dent, cracks, smooth surface including no window damages or cracks.
- 2. Locking system is working for both keys.
- 3. Canopy sides are not damage, dent or cracks.
- 4. Canopy front window panel is working (open/close), no cracks or damages occurrences.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

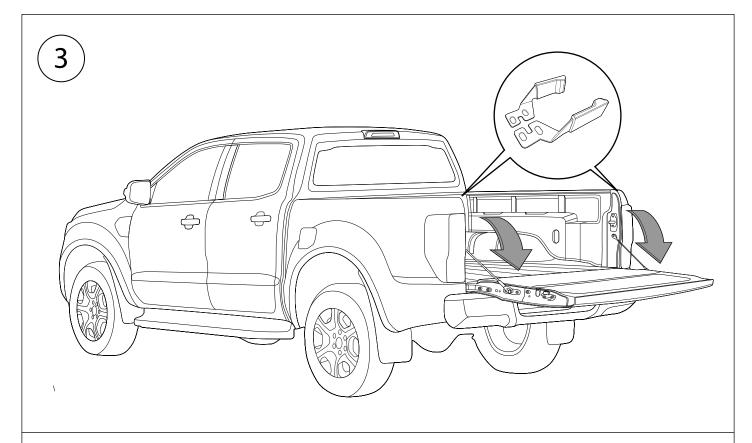




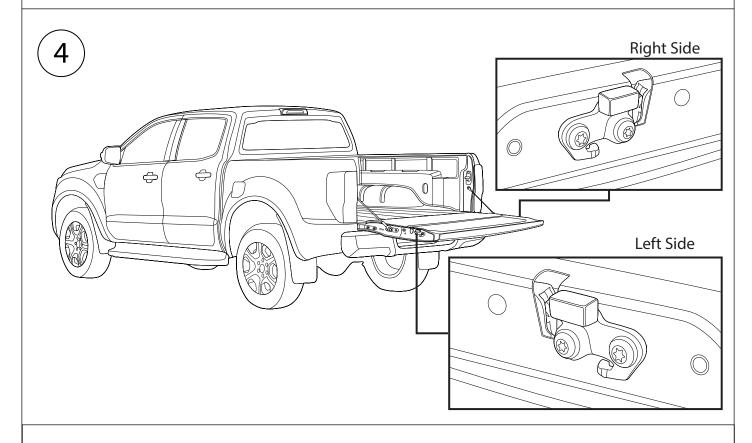






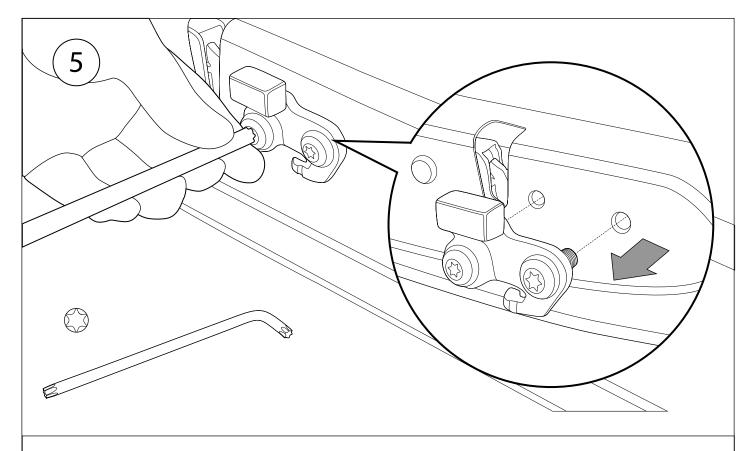


Installation complete.

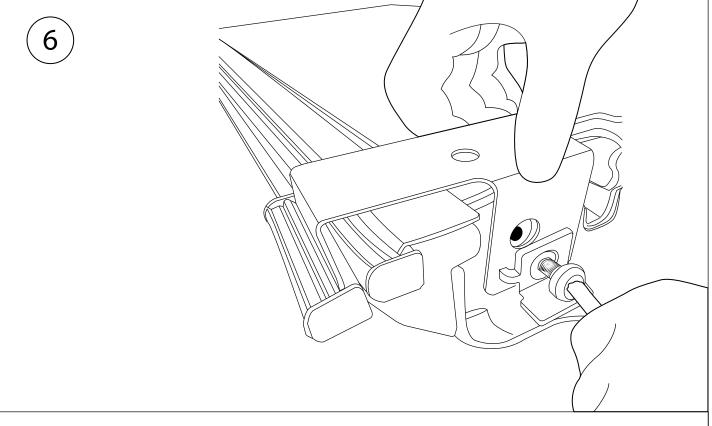


The Position install of lock Side



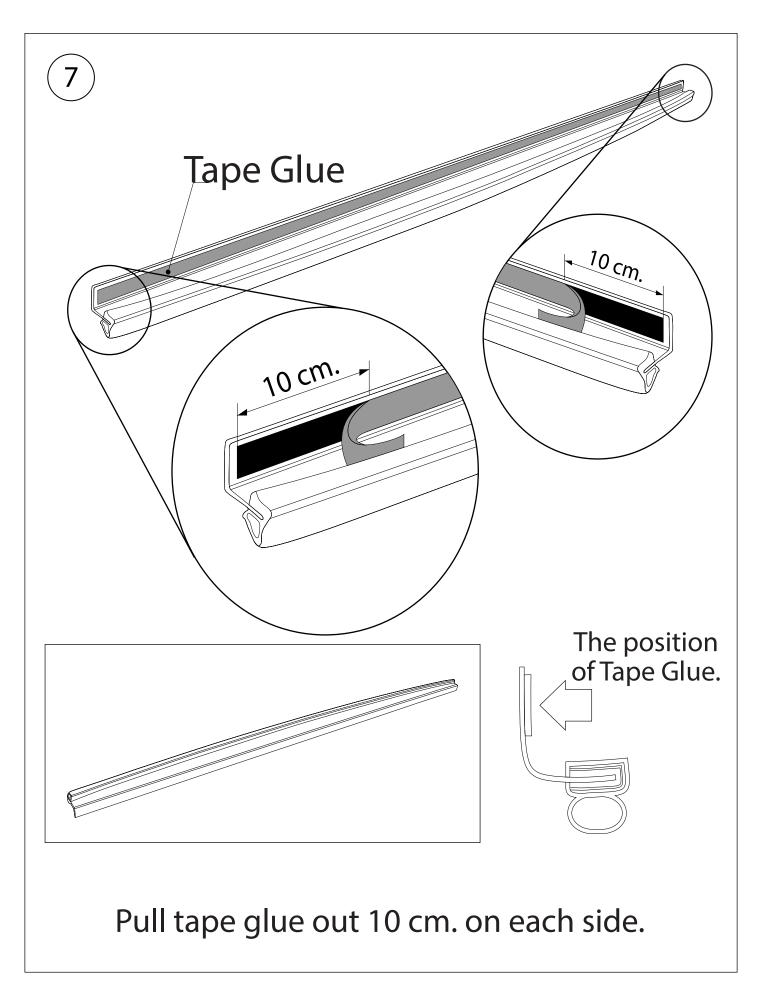


Remove The Lock Side of tailgate. (Left / Right Side)

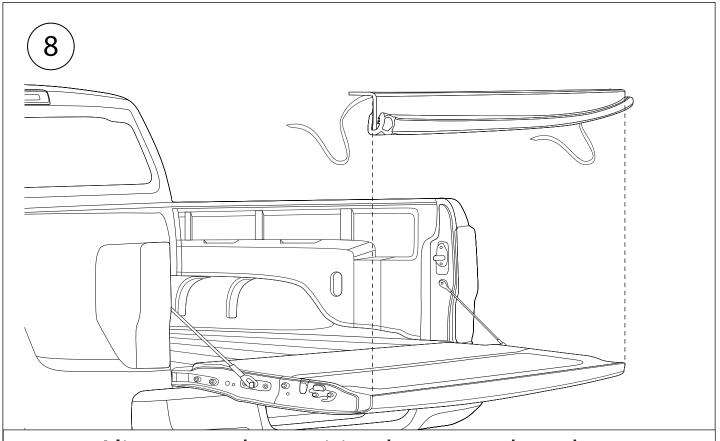


LOCK TAIL GATE RH

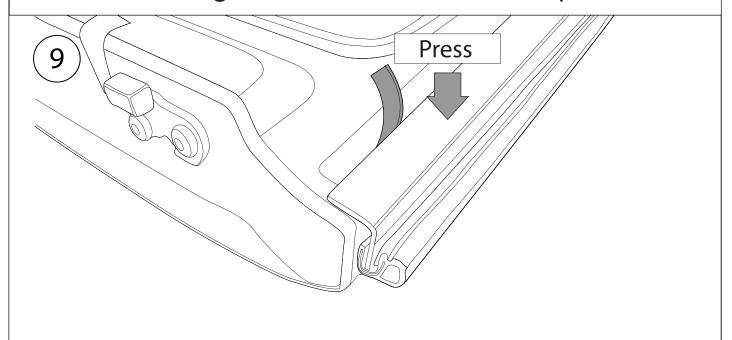






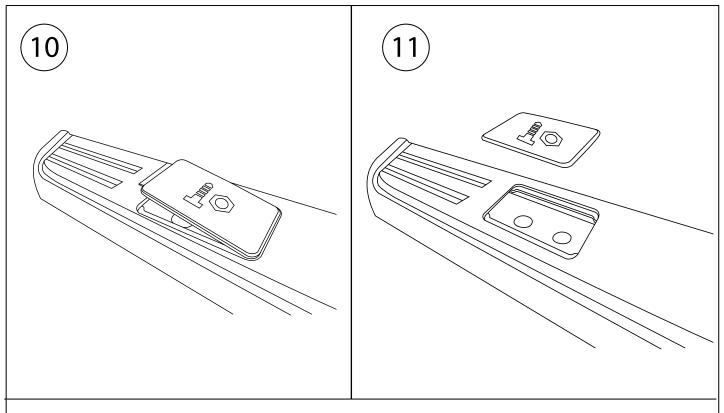


Alignment the position between the edge of tailgate and Frame Weather Strip.

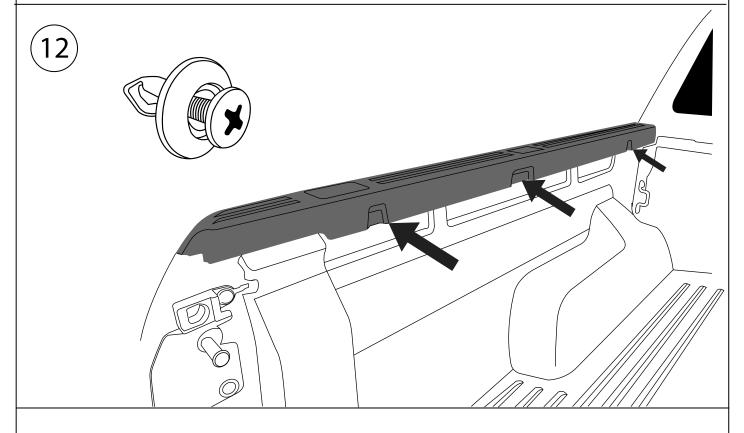


Pull the tape glue.



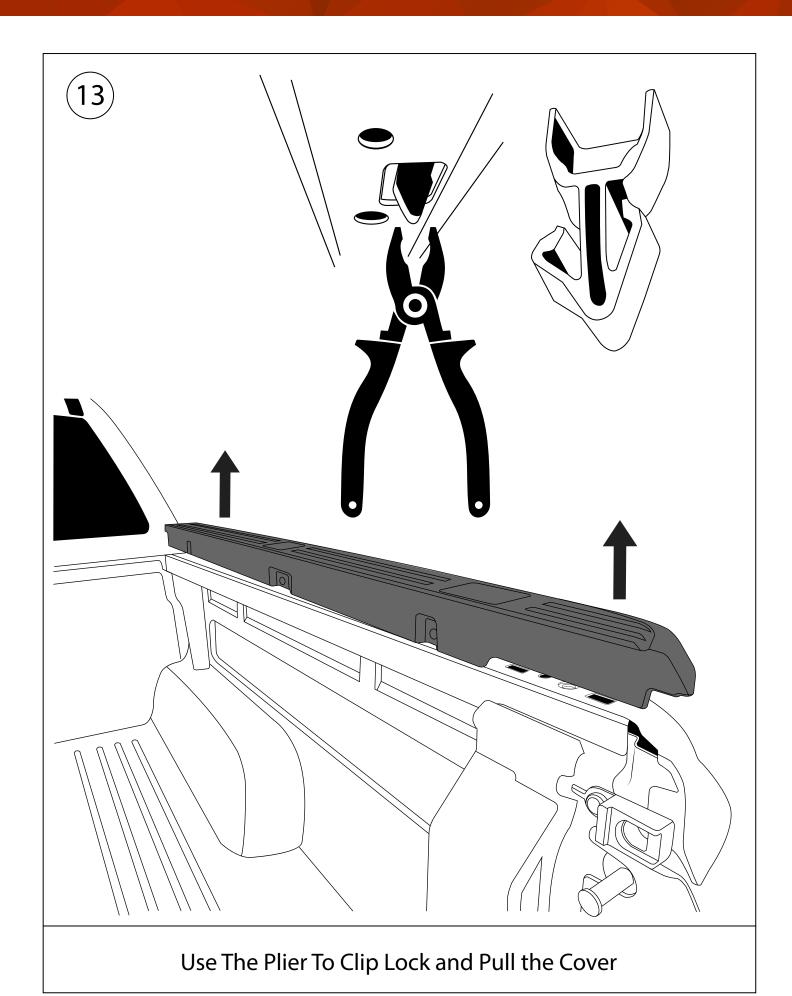


Remove the Cover in order to install the spacer Install canopy on the vehicle



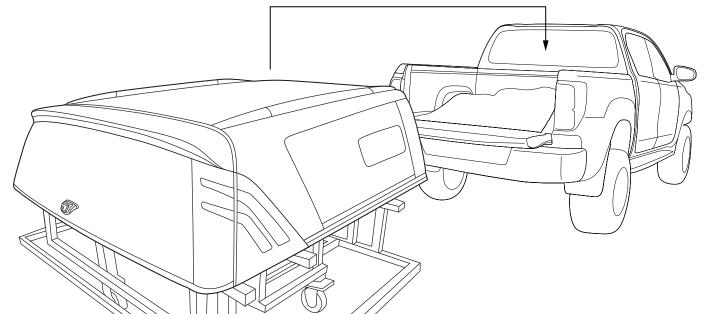
Remove The Hole Rivets 3 Positions. (L)







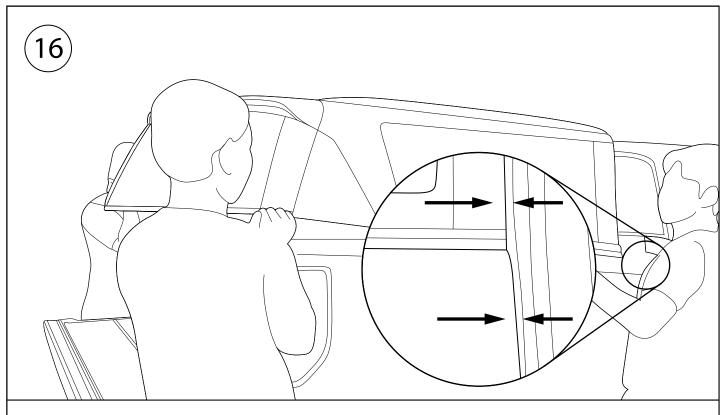
14) The process of preparing Sammitr Canopy TL-1 model before install on the vehicle.



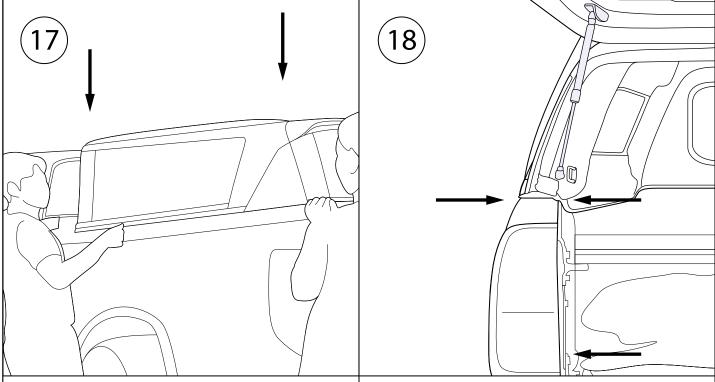
15)

The process of lifting the canopy onto the vehicle tub by using 4 people for lifting.





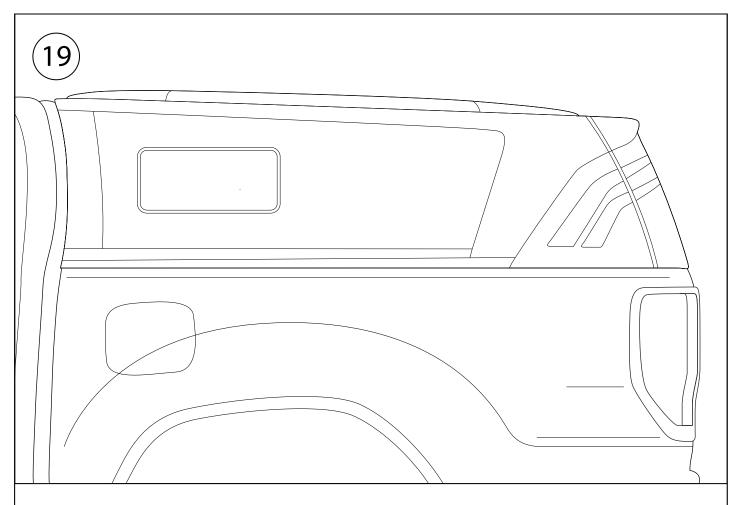
Lift canopy over the pick up truckby rising the rear part higher and the front part to be in the parallel with the edge of the vehicle tub.



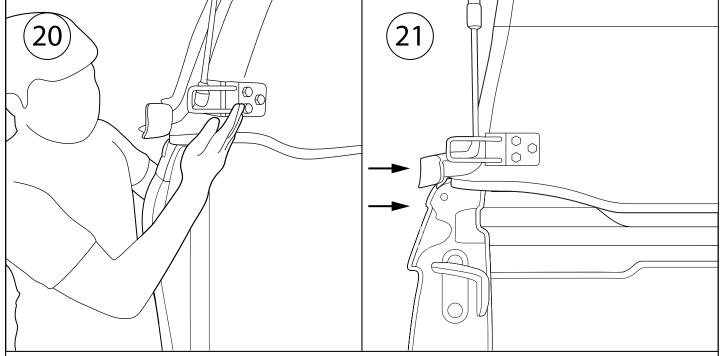
After get the distance in front part and then put the rear part to cover the vehicle tub12

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



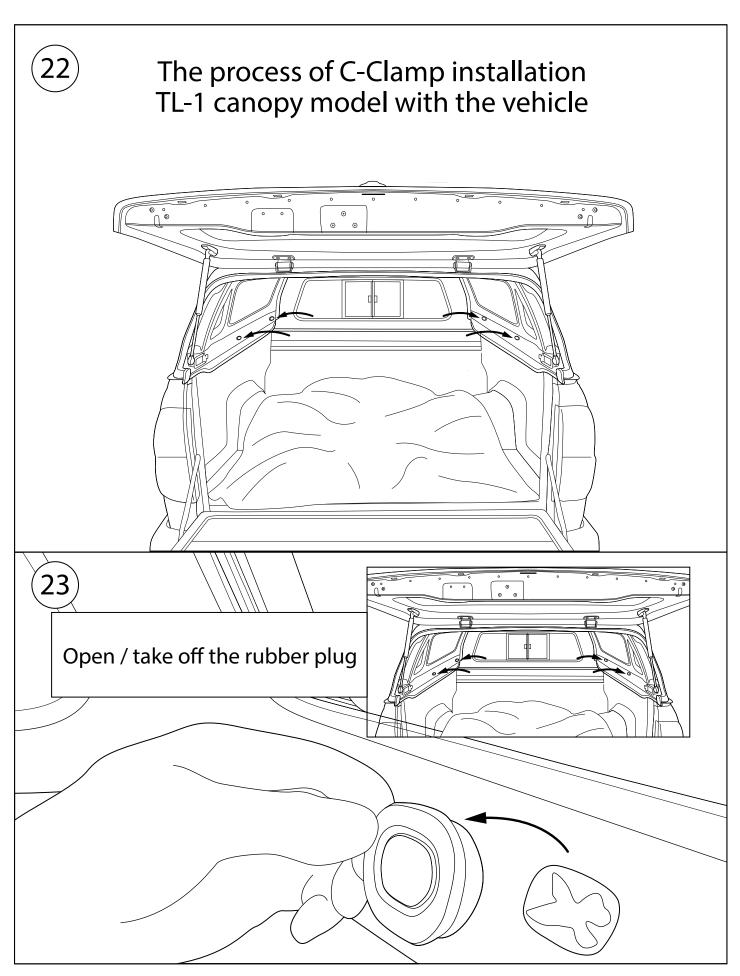


Side edge of canopy to be in the parallel with the Side edge of the vehicle tub.

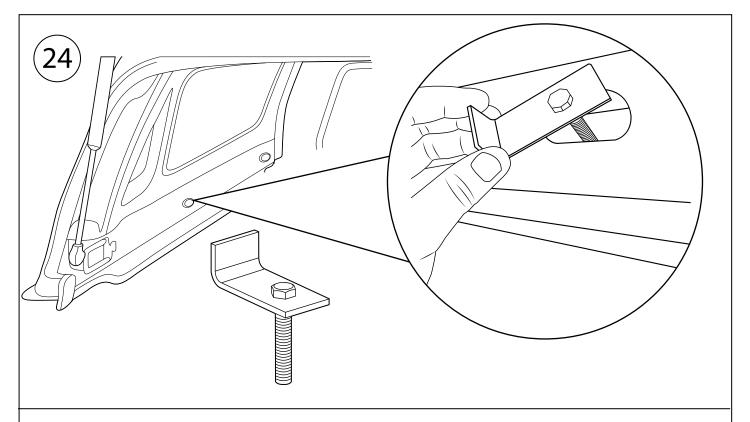


After finished measure the side part, check the distance at rear part of canopy which must have to be in the parallel with the Rear edge of the vehicle tub.

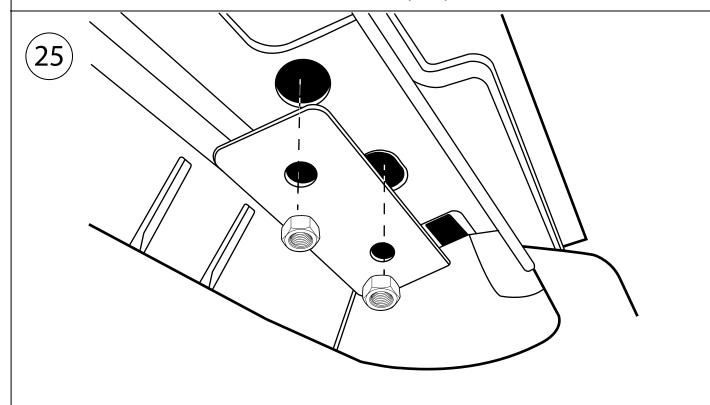






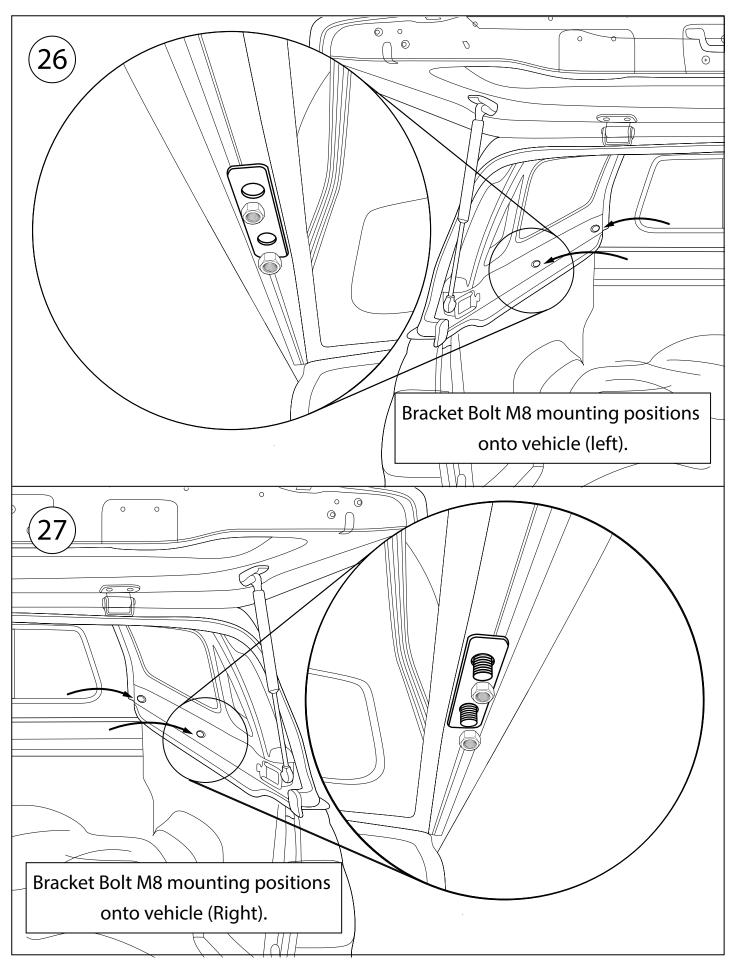


Bracket Lock Roof Bolt M8 mounting positions onto vehicle (left).

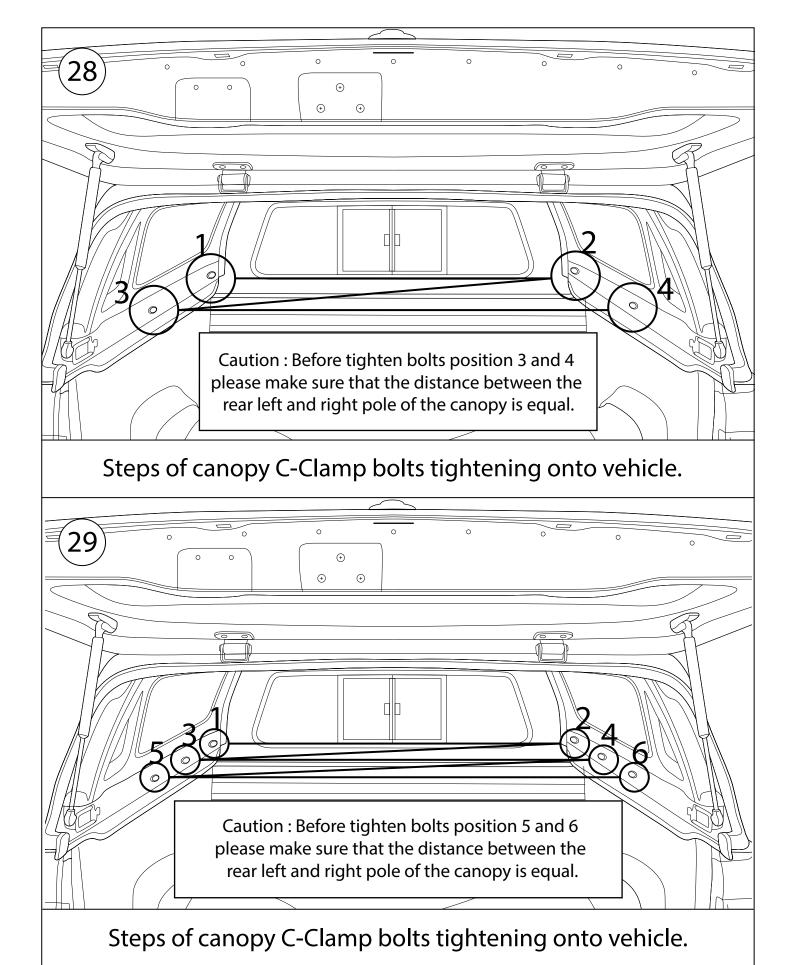


Install bracket to gether with M8 Nut along the spacer till canopy body spot.





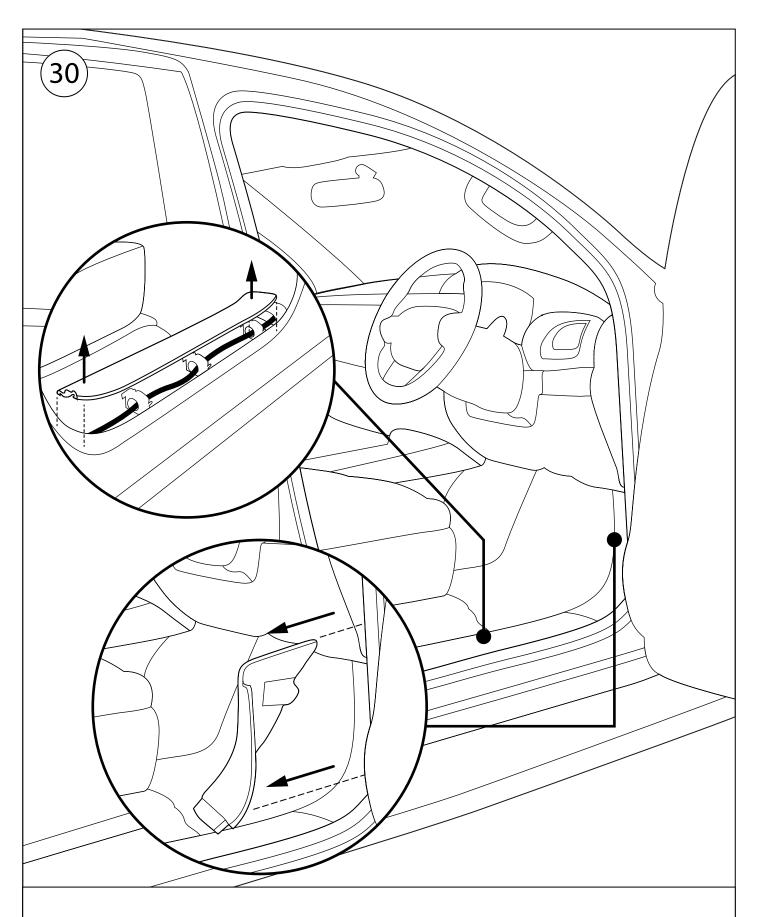






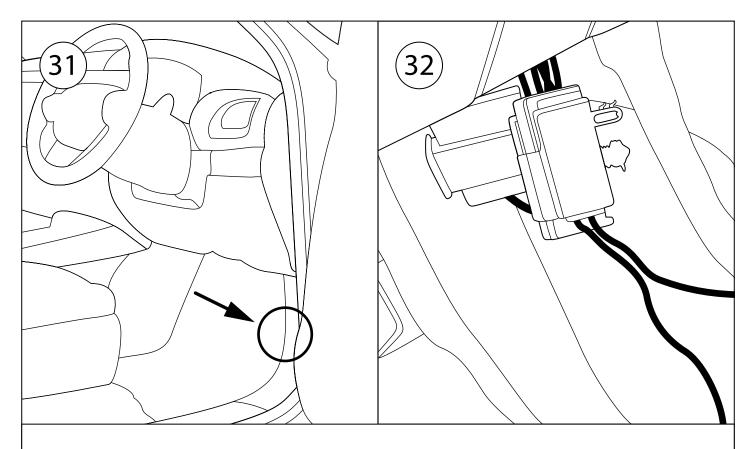
Electric Lock Installation



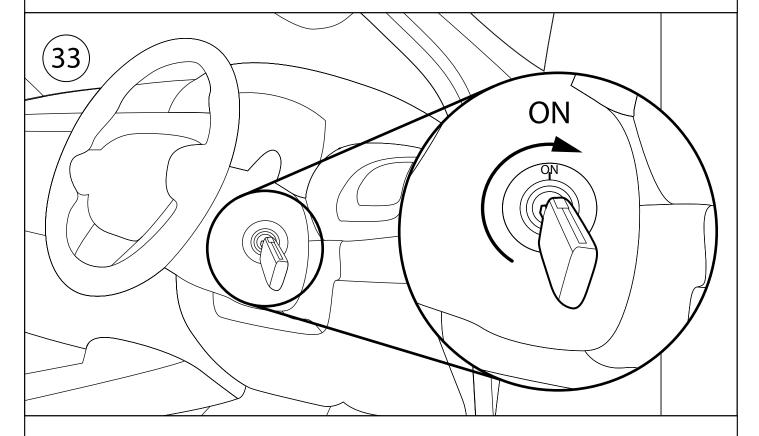


Take off the Wiring Cover at the driver side in order to check the wiring position.



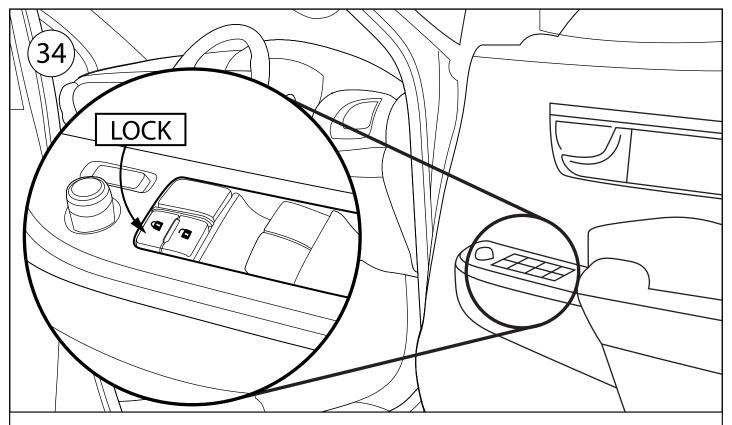


Control Box position that will connect with Harness Central Lock No.38

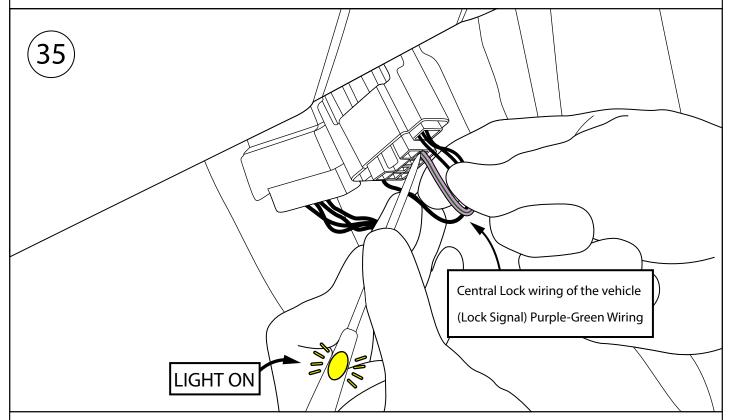


Step of checking Switch on position, begin with turning the key to ON position.



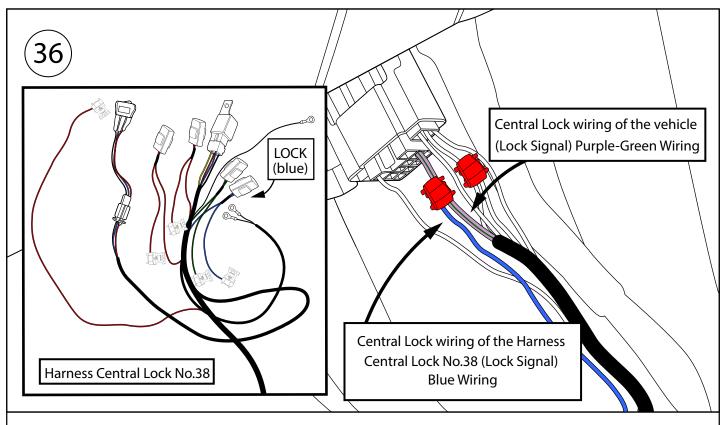


Step of Checking the light of the Central Lock (Lock), begin with push the Lock button at the door panel.

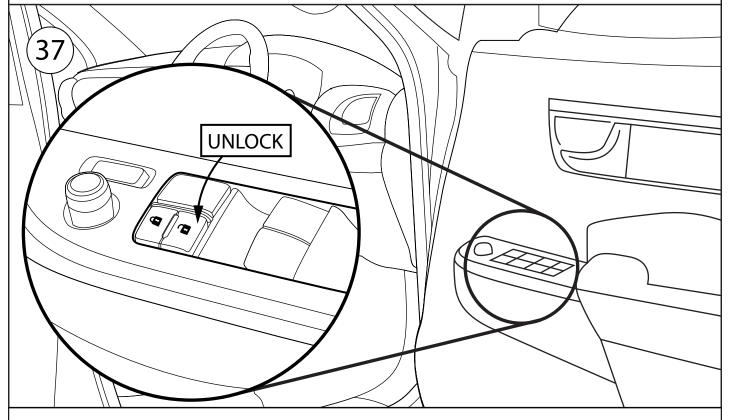


Checking the light of the Central Lock (Lock) of vehicle position by using the Test Lamp kit.



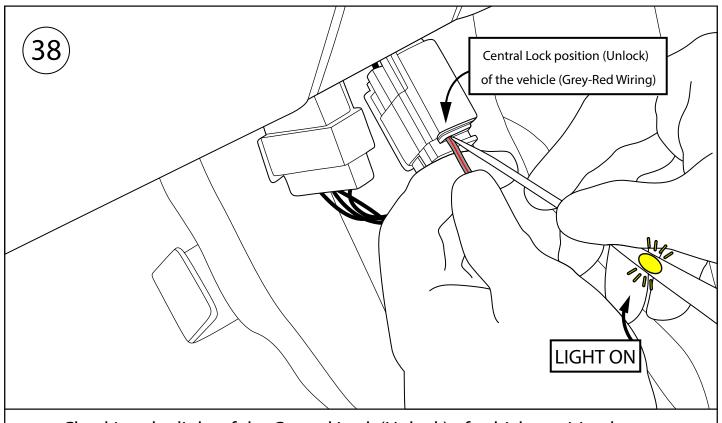


Connects the Blue Wiring (Central Lock/Lock Switch) of the Harness Central Lock No.38 with the Purple-Green wiring (PU/LG) of the vehicle (Lock Signal).

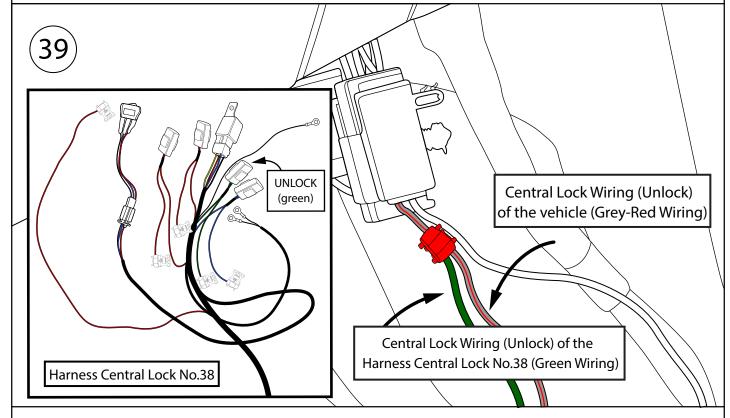


Step of Checking the light of the Central Lock (UnLock), begin with push the UnLock button at the door panel.



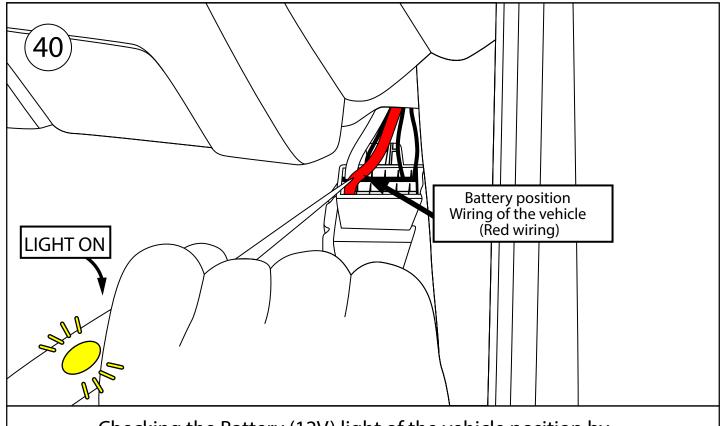


Checking the light of the Central Lock (Unlock) of vehicle position by using the Test Lamp kit.

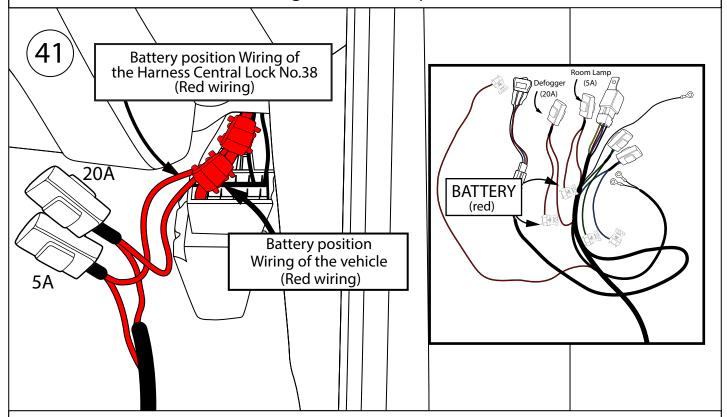


Connects the Green Wiring (Central Lock/Unlock Switch) of the Harness Central Lock No.38 with the Grey-Red Wiring (GR-RD) of the vehicle (Unlock Signal).



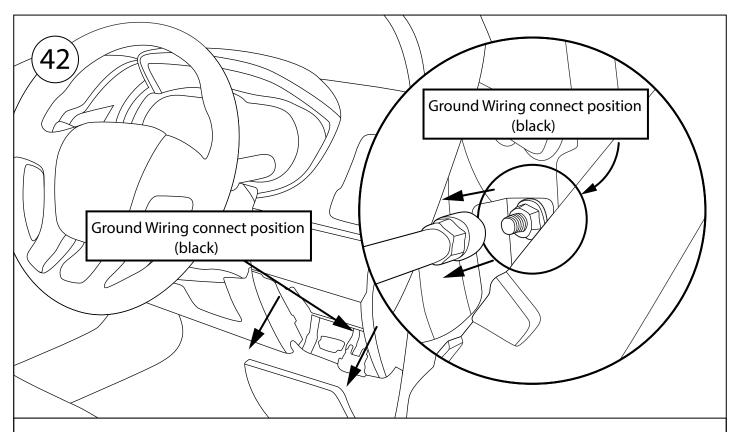


Checking the Battery (12V) light of the vehicle position by using the Test Lamp kit.

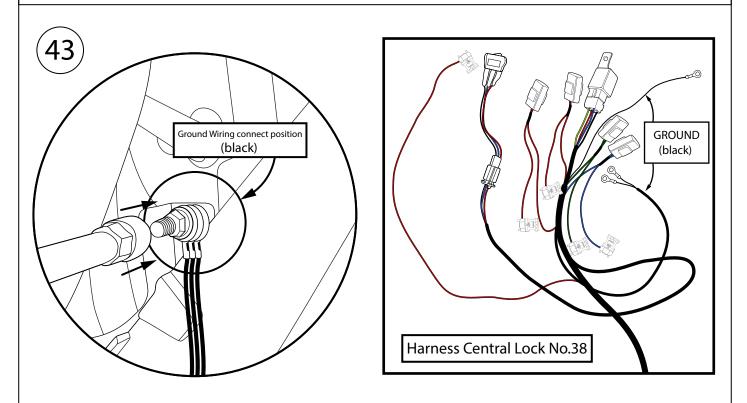


Connects the Red Wiring Defogger (20A) and Red Wiring Room Lamp (5A) of the Harness Central Lock No.38 with the Red Wiring Battery (12V) of the vehicle as shown in picture.





Take off the Cover at the Driver side in order to connect the Black Wiring of the Harness Central Lock No.38 with the Vehicle Structure. Take off the Bolt by using wrench No.10

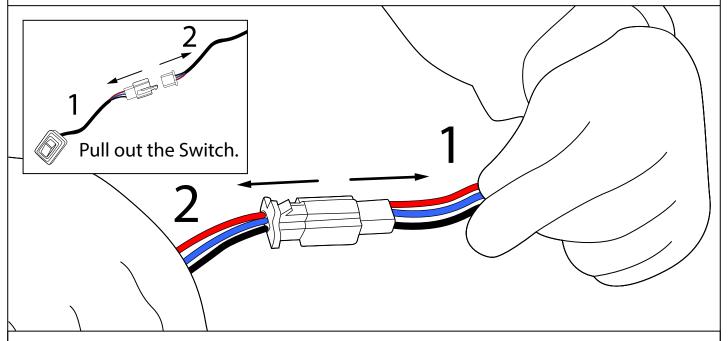


Connect the Black Wiring (Ground) of the Harness Central Lock No.38 with the Vehicle Structure and using wrench tighten.

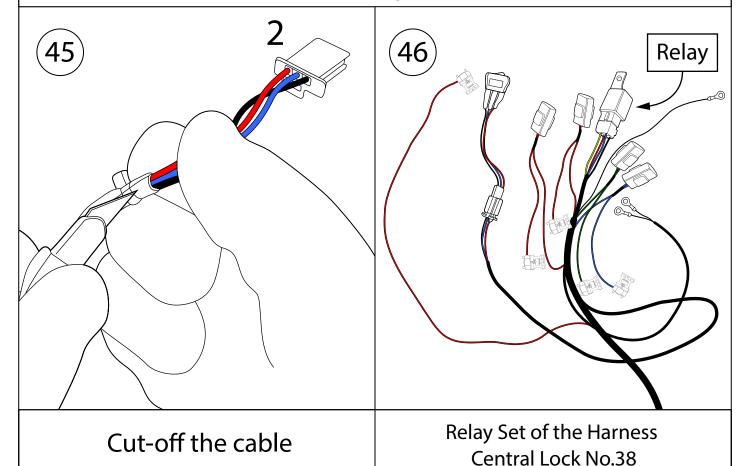


(44)

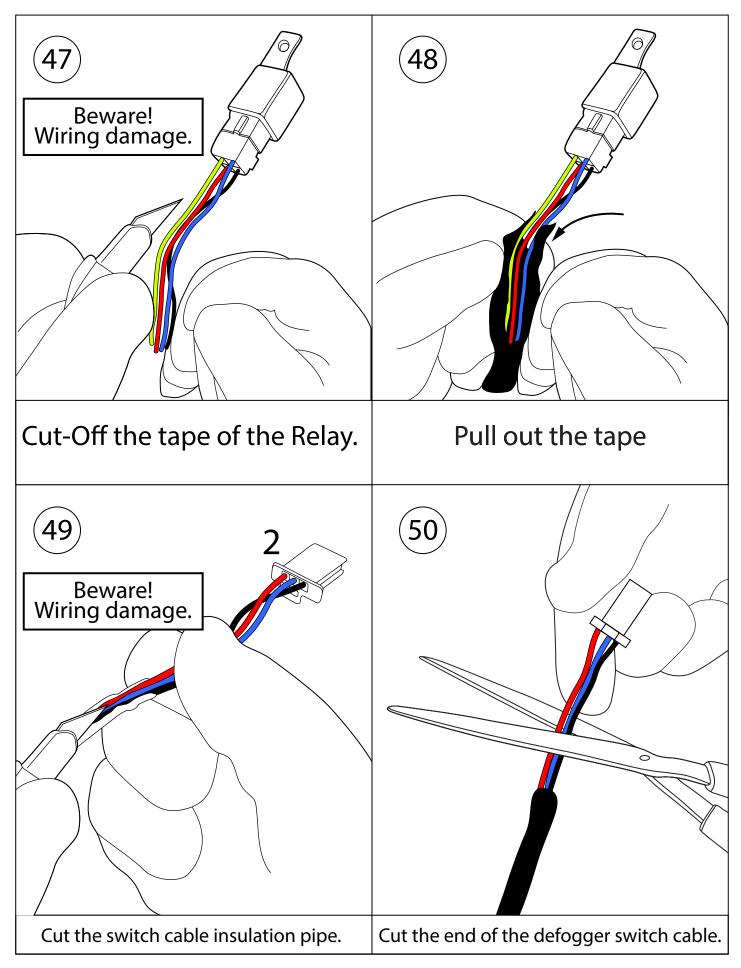
Defogger circuit switch installation in case not using defogger switch of the Harness Central Lock No.38.

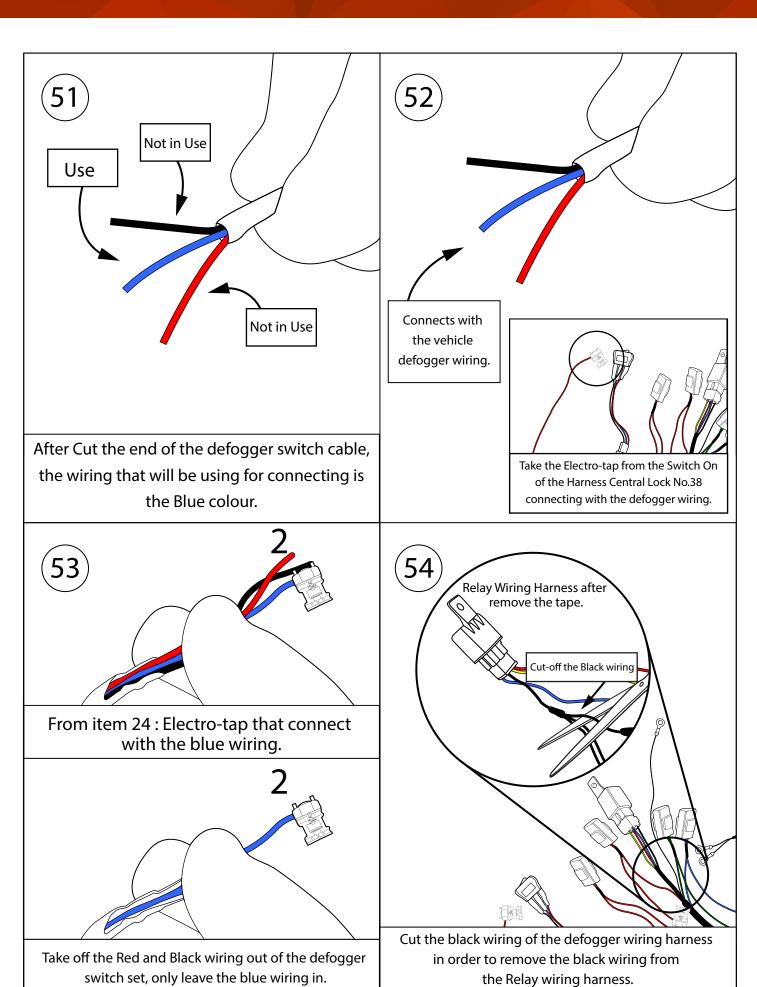


Defogger circuit switch installation of the Harness Central Lock No.38 of the Ford Ranger vehicle.

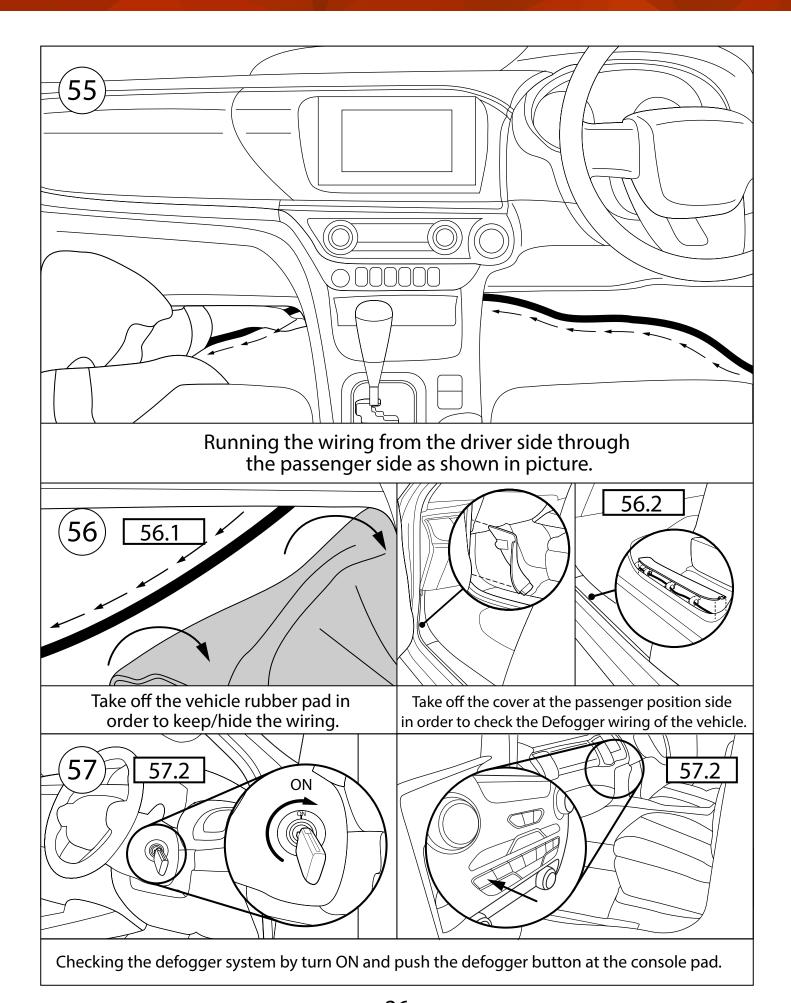




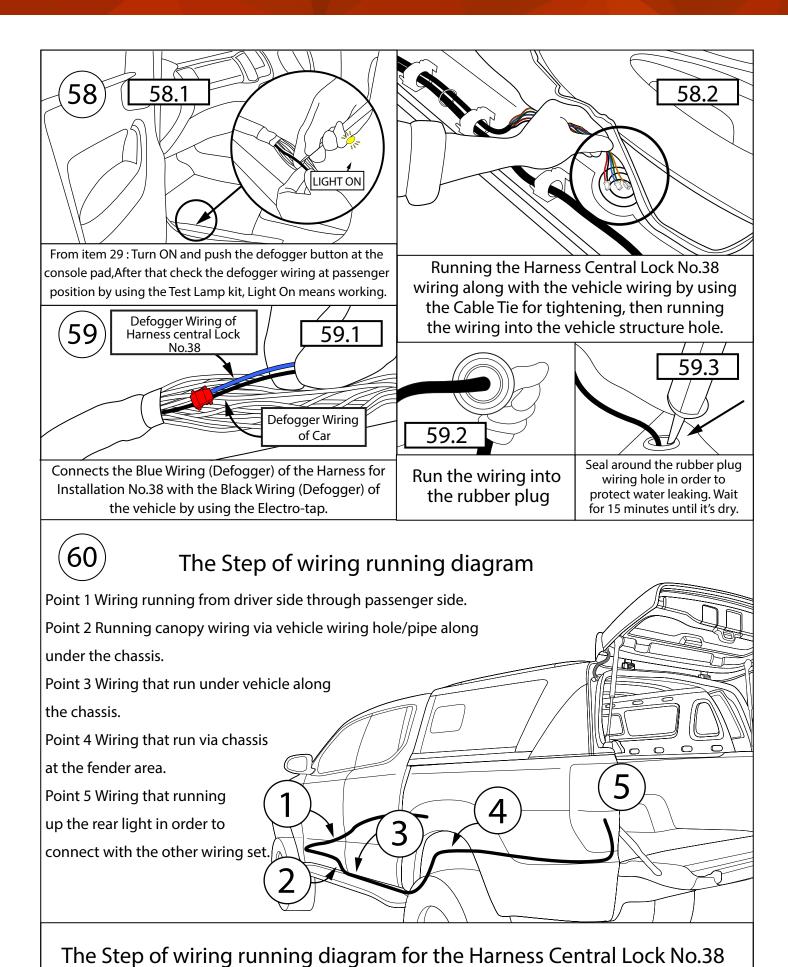




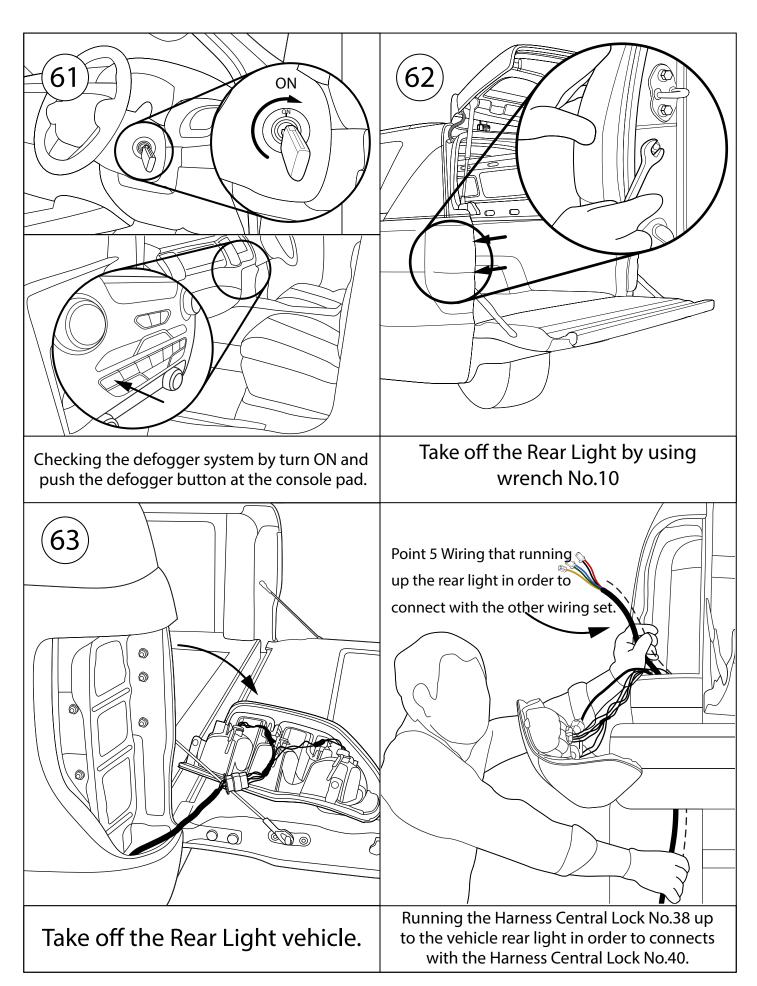




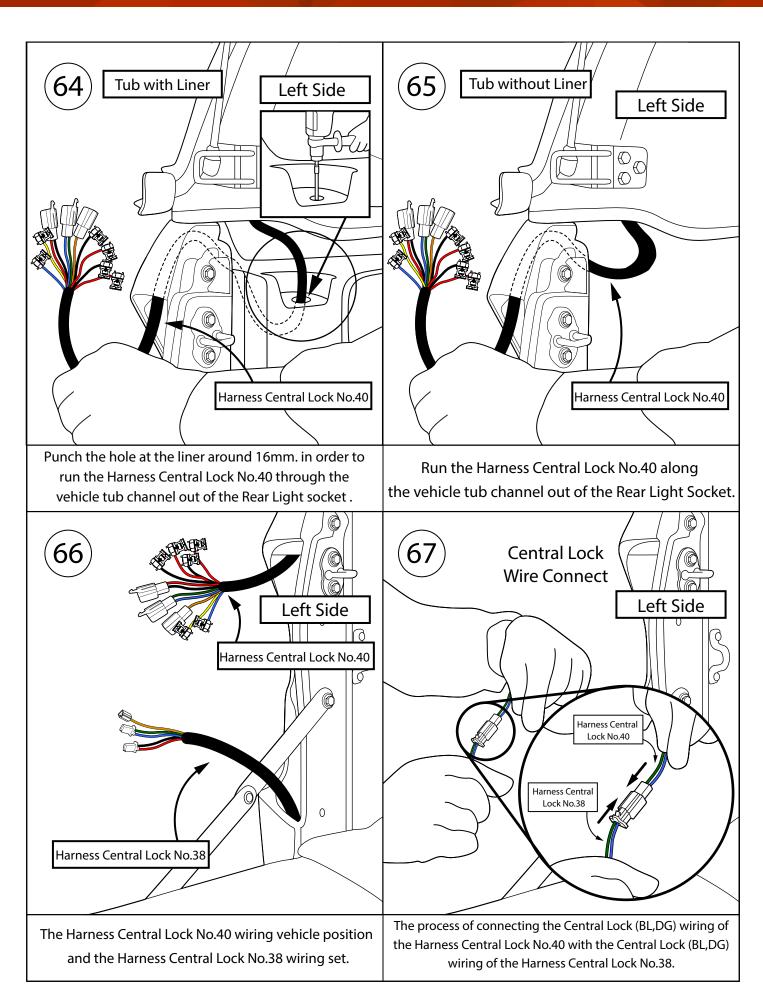




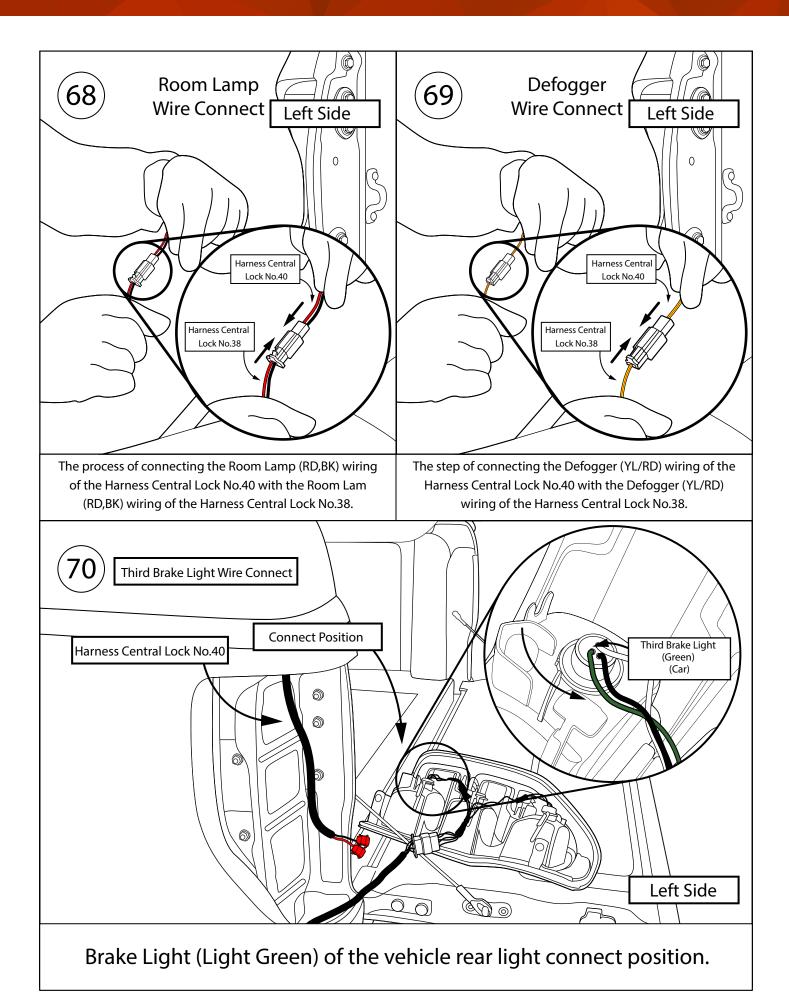




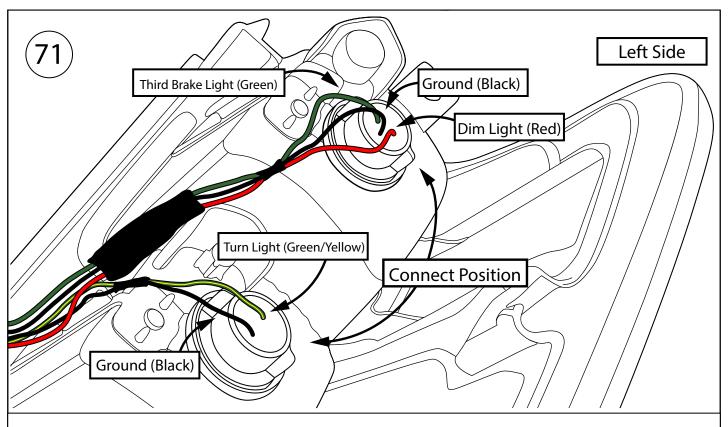




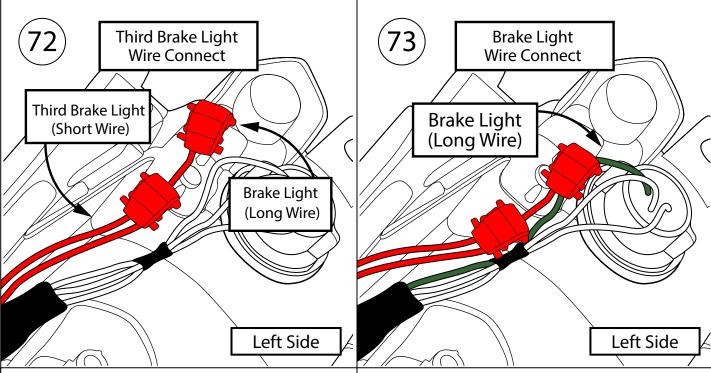








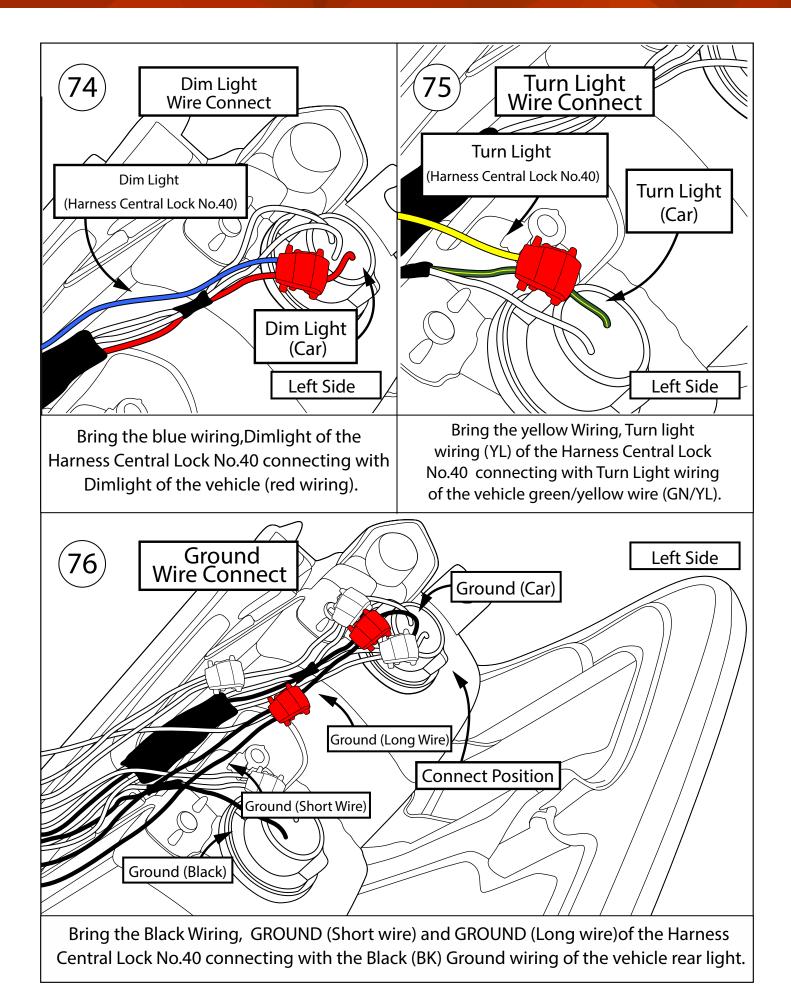
Third Brake Light, Brake Light, Dim Light, Turn Light and Ground of the vehicle wire connect position.



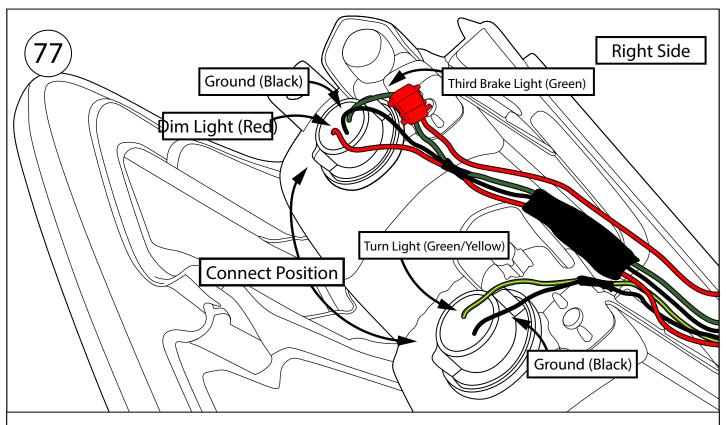
Bring the red wiring, Third Brake Light (Short wire) of the Harness Central Lock No.40 connecting with Brake Light (Long wire) of the Harness Central Lock No.40.

After finish the installation step no.43 Bring the Red Wiring, Brake wiring (Long wire) of the Harness Central Lock No.40 connecting with the wiring (Green wire) of the vehicle.

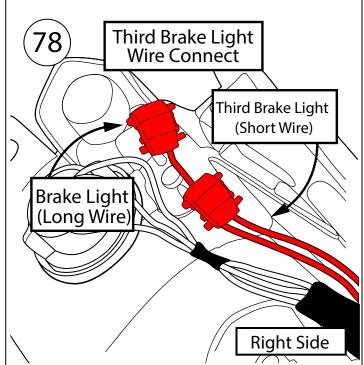




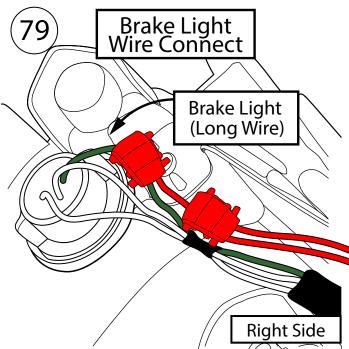




Third Brake Light, Brake Light, Dim Light, Turn Light and Ground of the vehicle wire connect position.

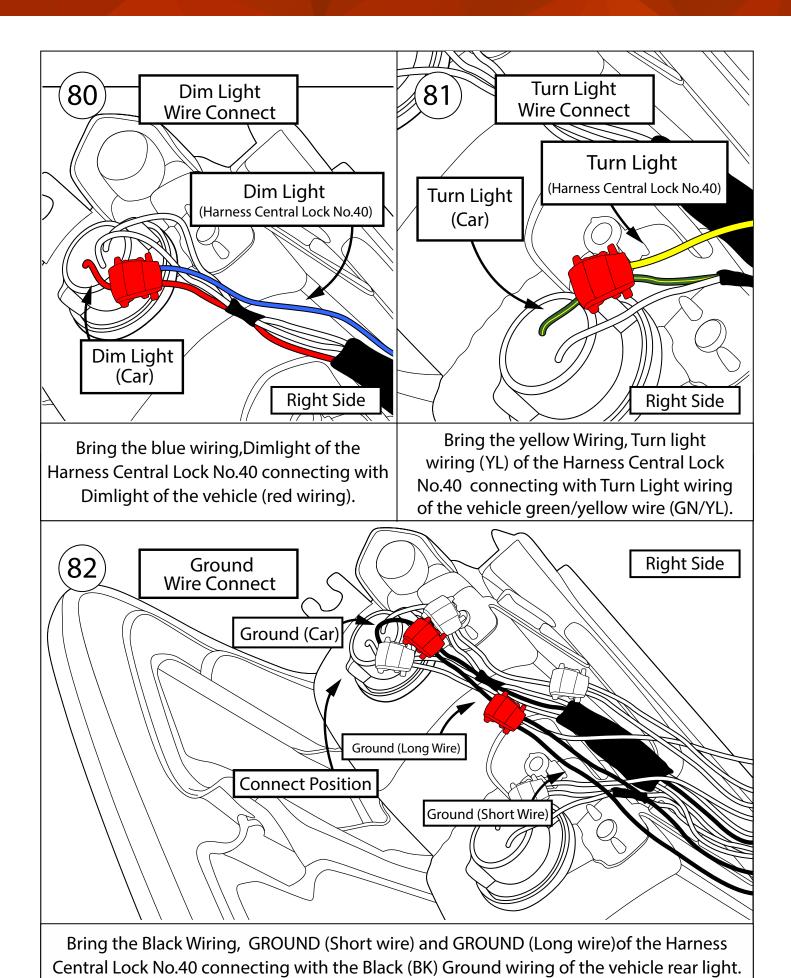


Bring the red wiring, Third Brake Light (Short wire) of the Harness Central Lock No.40 connecting with Brake Light (Long wire) of the Harness Central Lock No.40.

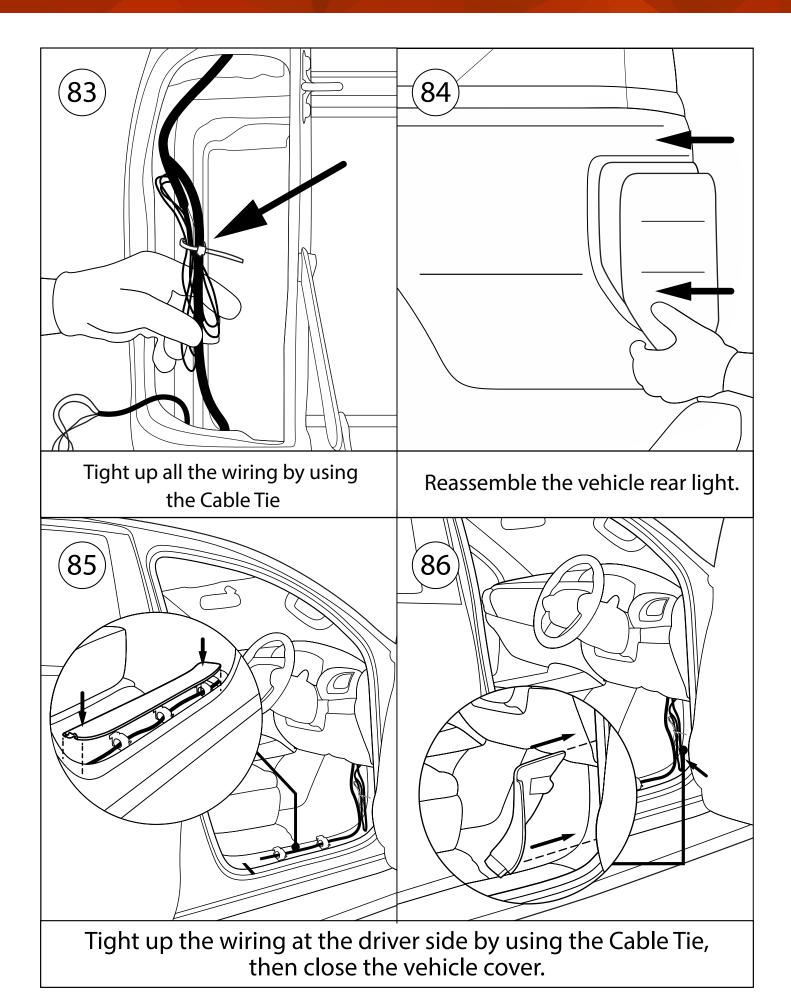


After finish the installation step no.49 Bring the Red Wiring, Brake wiring (Long wire) of the Harness Central Lock No.40 connecting with the wiring (Green wire) of the vehicle.

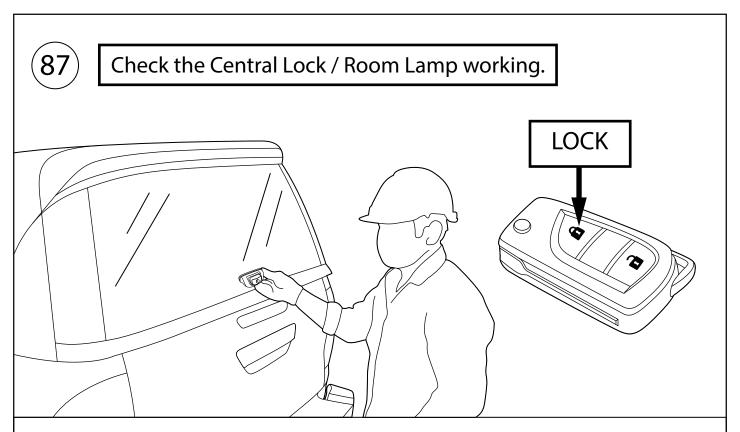




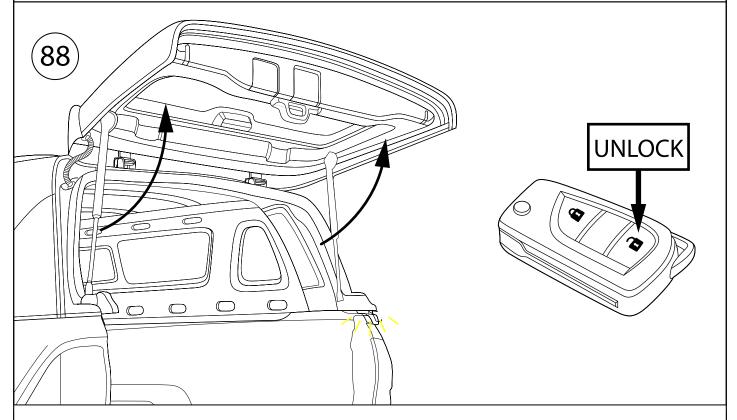






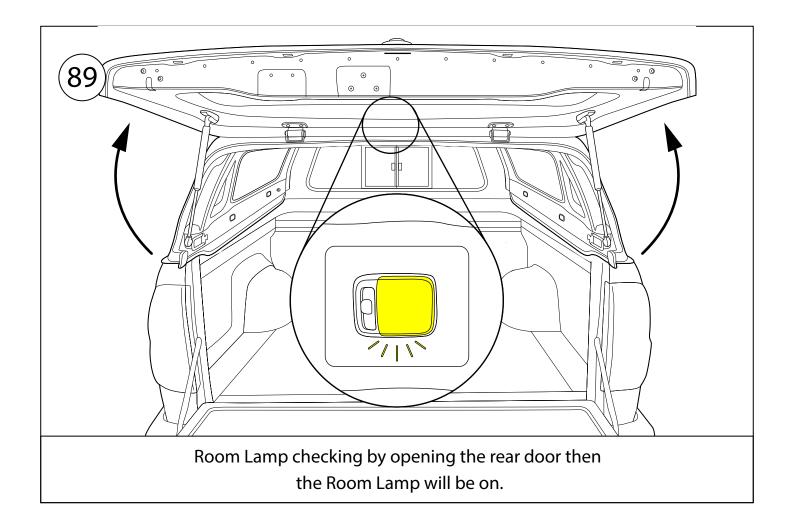


Central Lock checking by pressing the vehicle remote key at the Lock position, Canopy will be lock and cannot open.

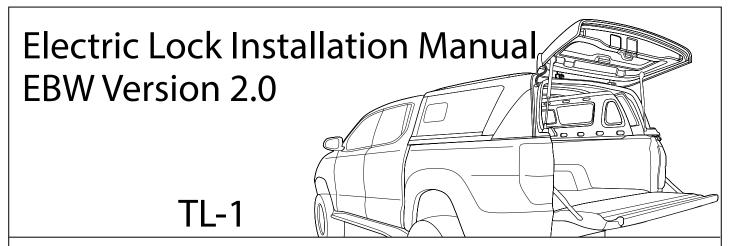


Central Lock checking by pressing the vehicle remote key at the Unlock position, Canopy will be open.









Canopy Wire set



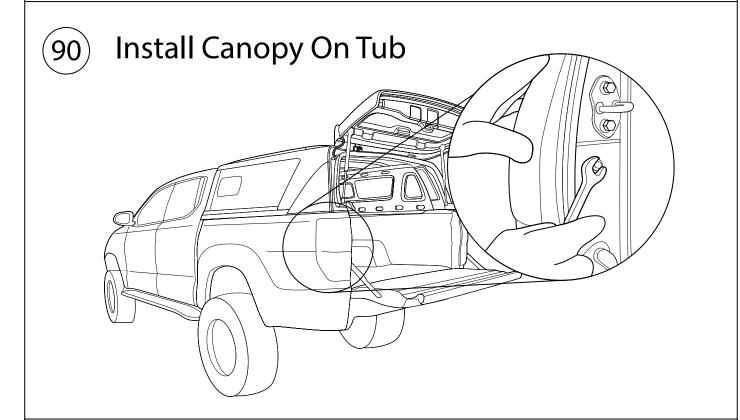
C1: Harness Central Lock No.38 **Require Tool**



T1:10 mm. Wrench

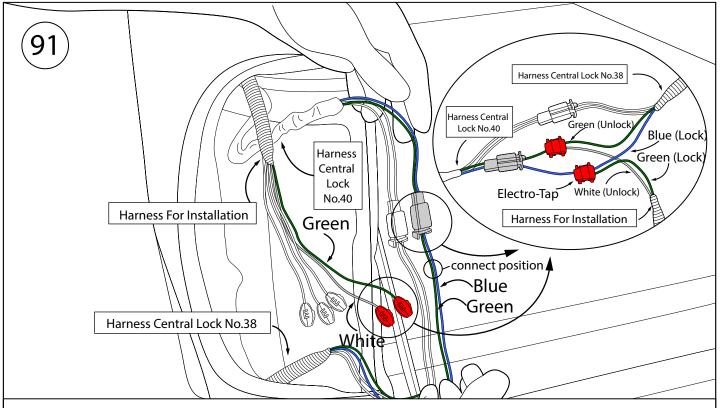


T2:19 mm. Wrench



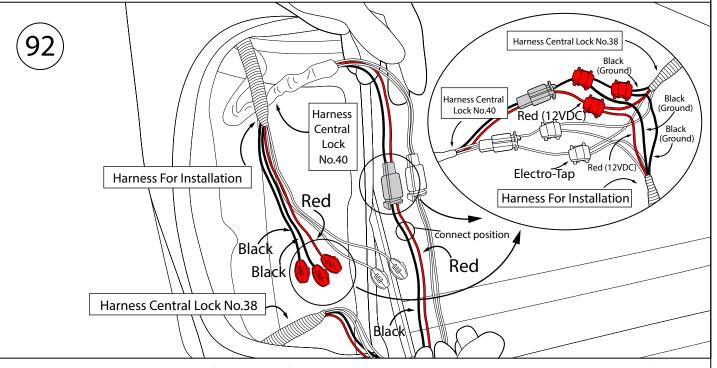
After connects all the Electric lock wiring, then take off the rear light cover by using wrench no.10 loosen the nuts.





Bring White Wiring (Unlock) of the Harness for installation wiring set connects with the Green Wiring (Unlock) of the Harness Central Lock No.38 wiring set by using the ELECTRO-TAP (Red Colour).

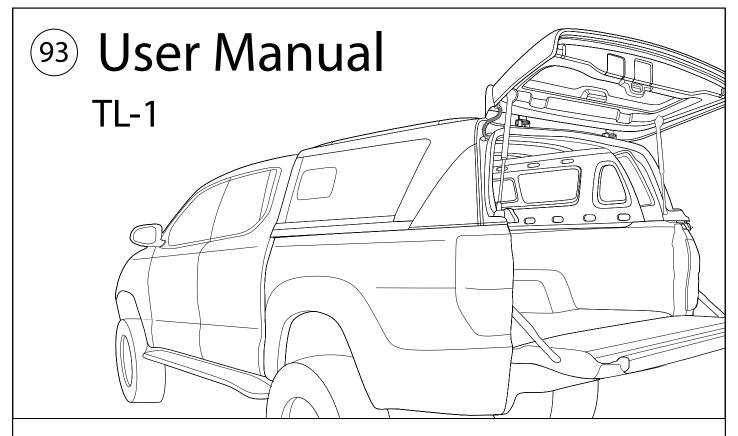
Bring Green Wiring (Lock) of the Harness for Installation wiring set connects with the Blue Wiring (Lock) of the Harness Central Lock No.38 wiring set by using the ELECTRO-TAP (Red Colour).



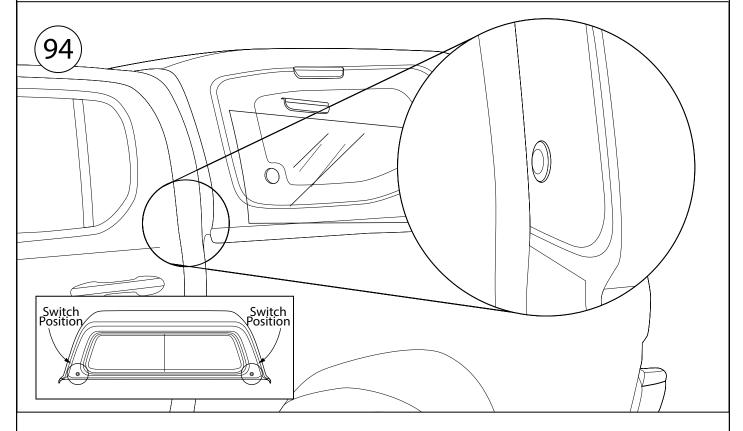
Bring the Red Wiring (12VDC) of the Harness for Installation wiring set connects with the Red Wiring (12VDC) of the Harness Central Lock No.38 wiring set by using the ELECTRO-TAP (Red Colour).

Bring the two Black (Ground) wiring of the Harness for installation set to connect with the Black (Ground) wiring of the Harness Central Lock No.38 set by using the ELECTRO-TAP (Red Colour).



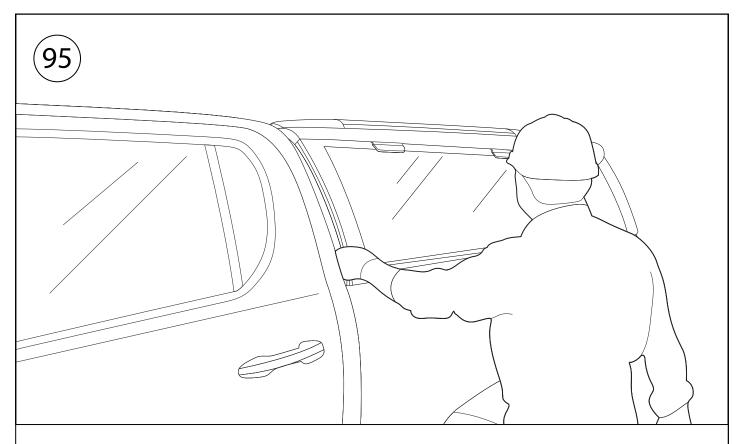


Instructions for using the Electric Lock.

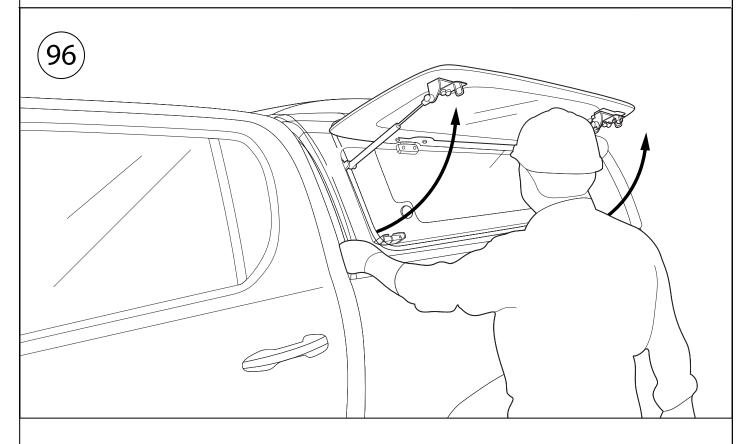


The picture shows Electric Lock switch button positions.



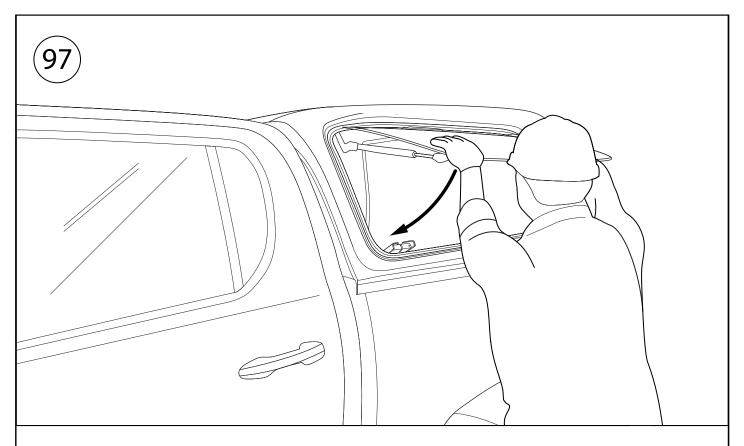


The picture shows the usage of Electric Lock button.

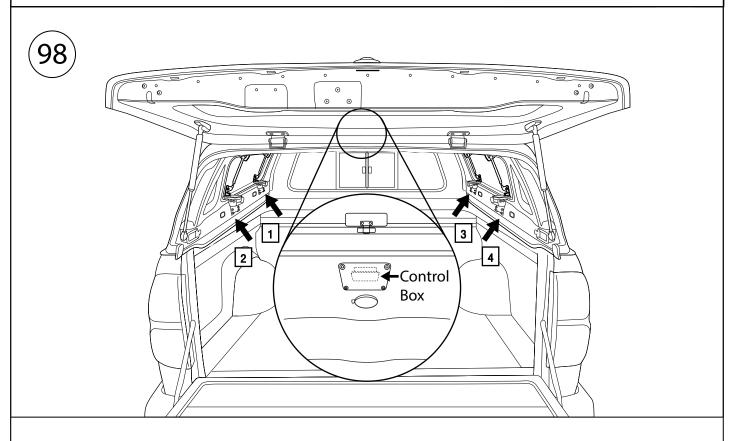


When push the Electric Lock button, the window will open as shown in picture.



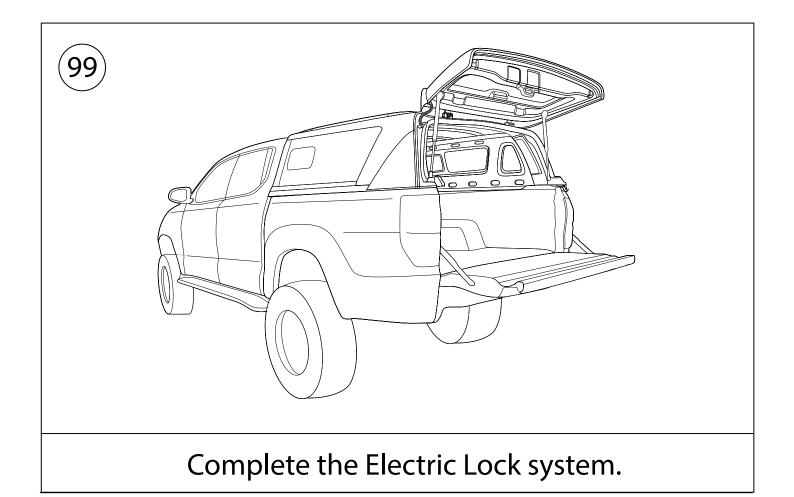


The picture shows the Electric Lock, window will be close.



The picture shows the Electric Lock and Control Box position.

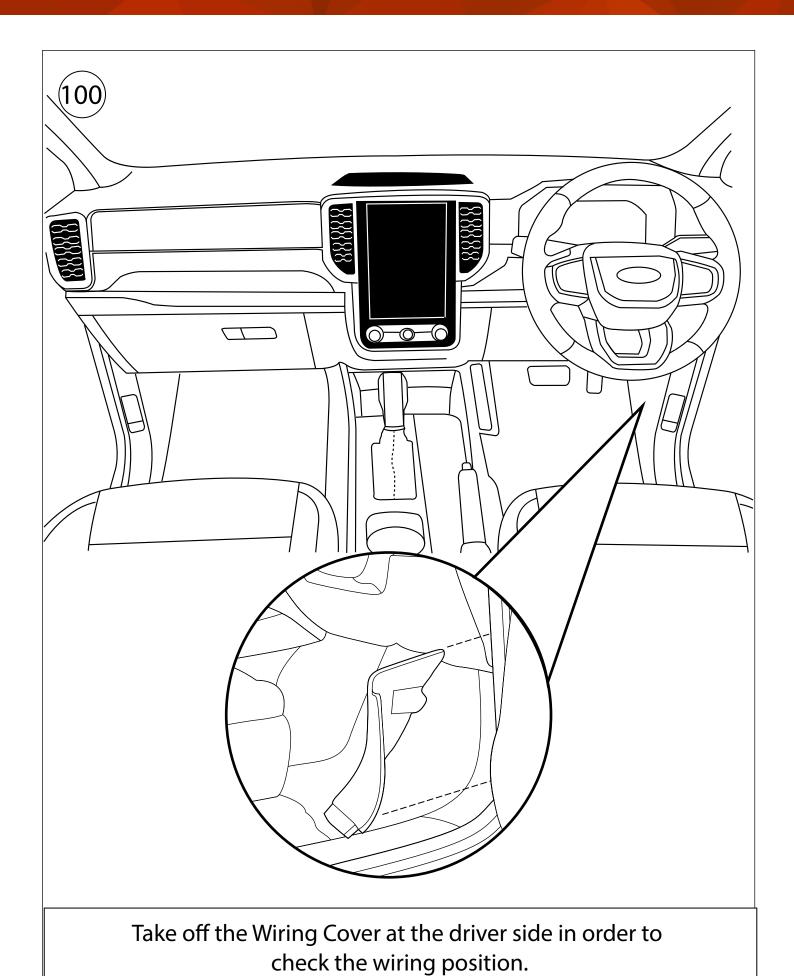




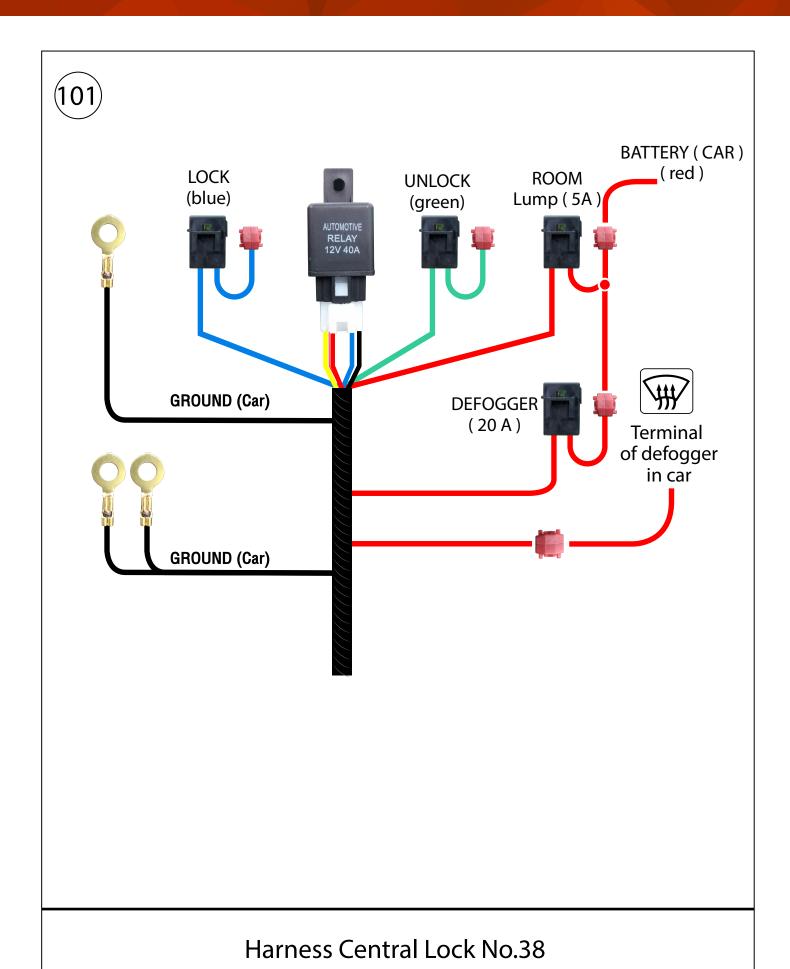


Electrical Installation

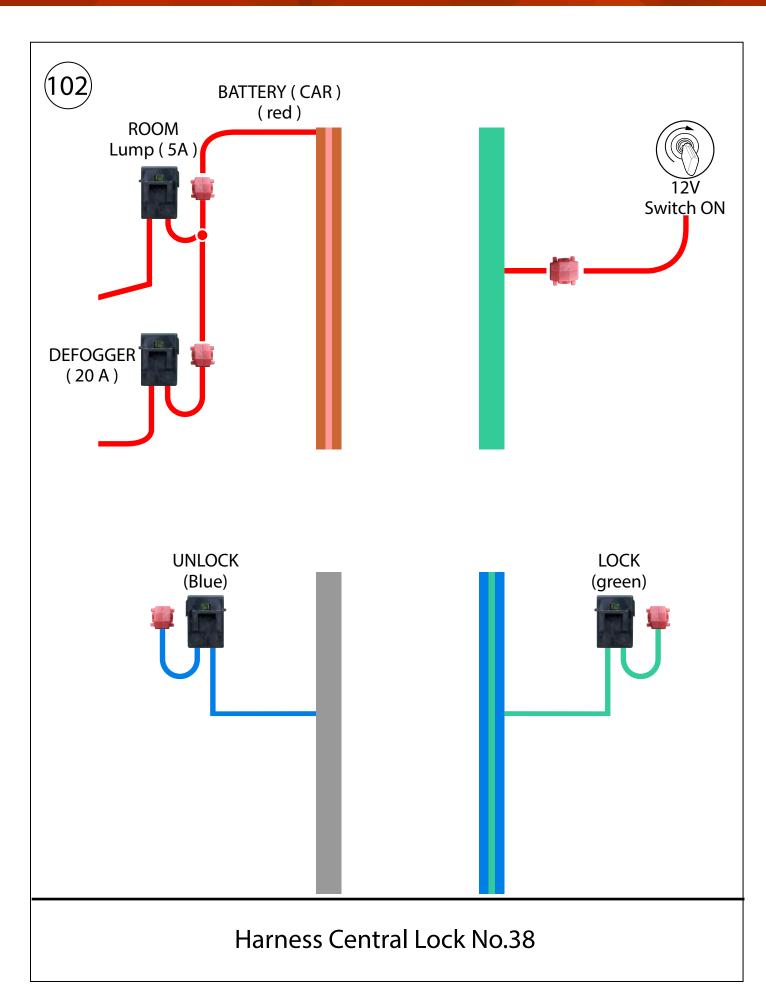




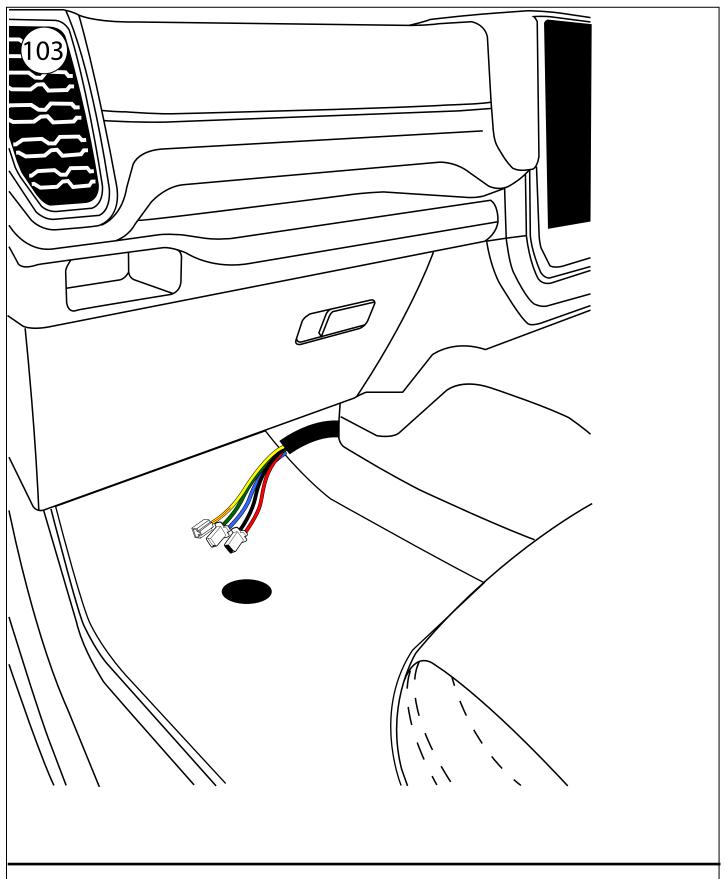






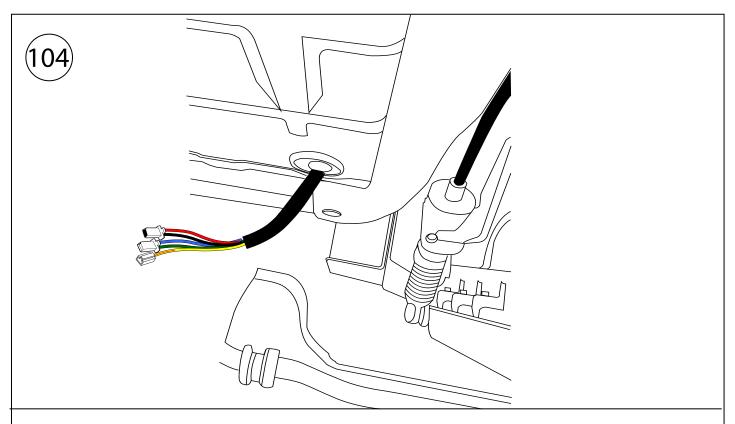




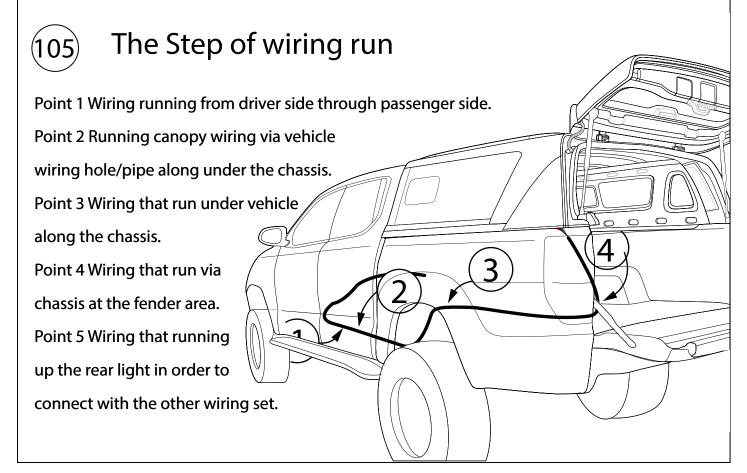


Running canopy wiring via vehicle wiring hole/pipe along under the chassis.

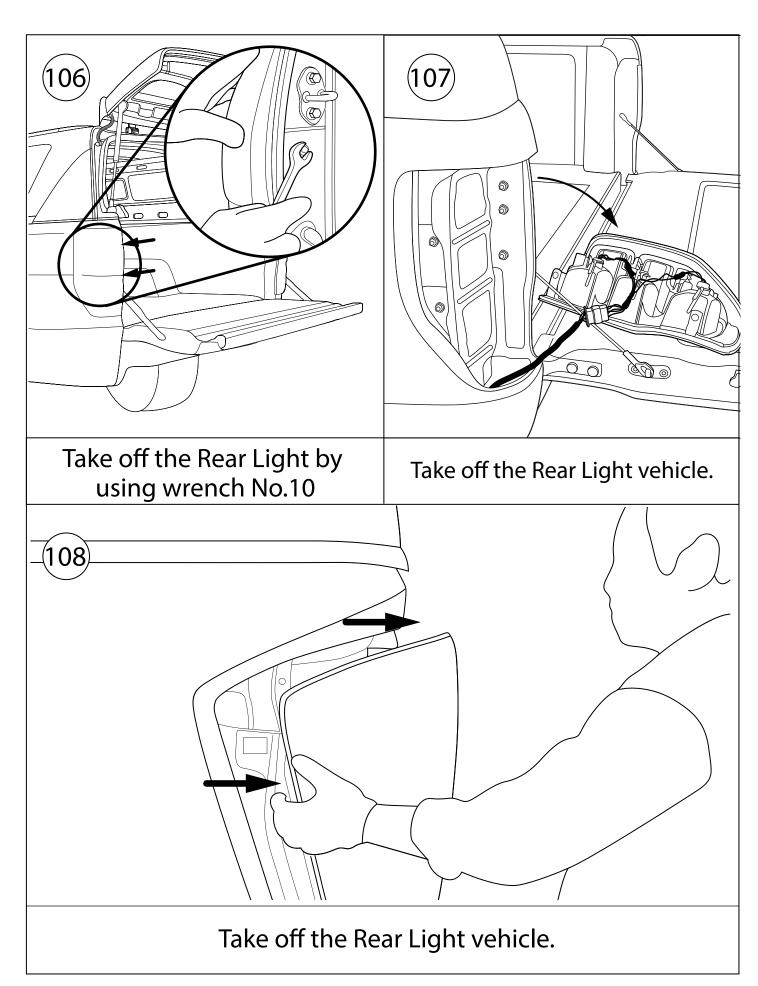




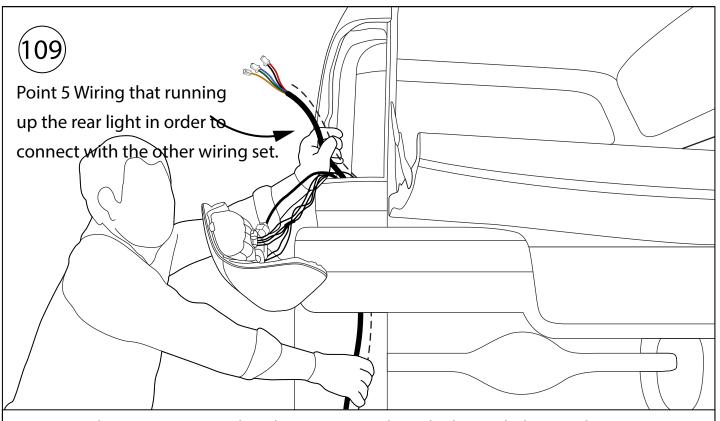
Run the wiring througth the hole of the vehicle floor and seal to protect water leaking problem.



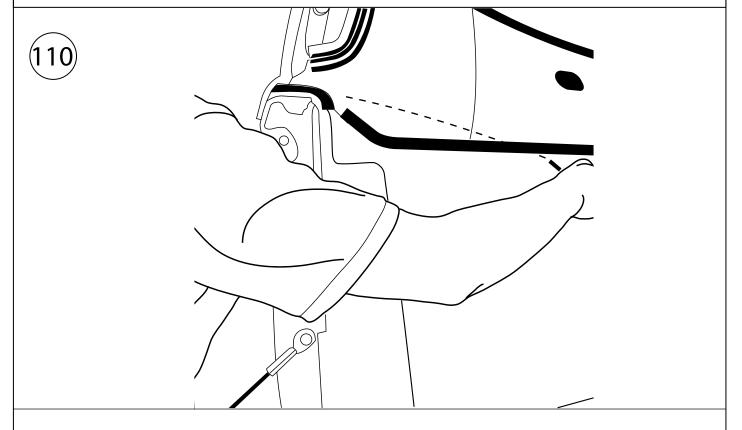






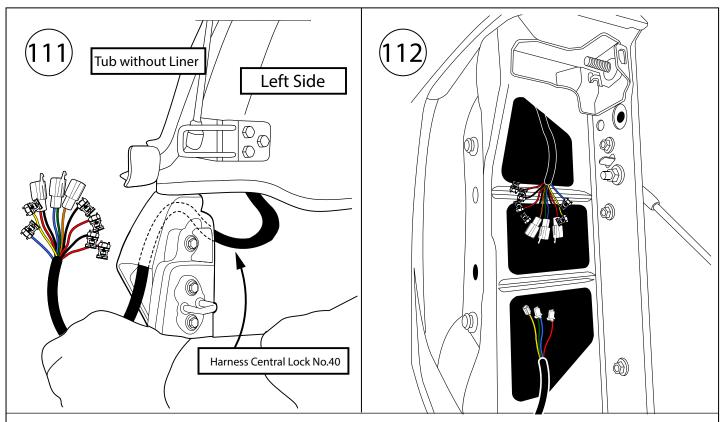


Running the Harness Central Lock No.38 up to the vehicle rear light in order to connects with the Harness Central Lock No.40.

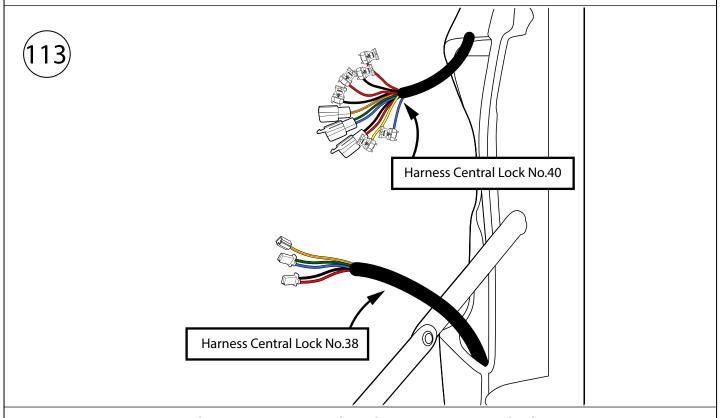


Run the rod along the vehicle edge till the Rear vehicle light.

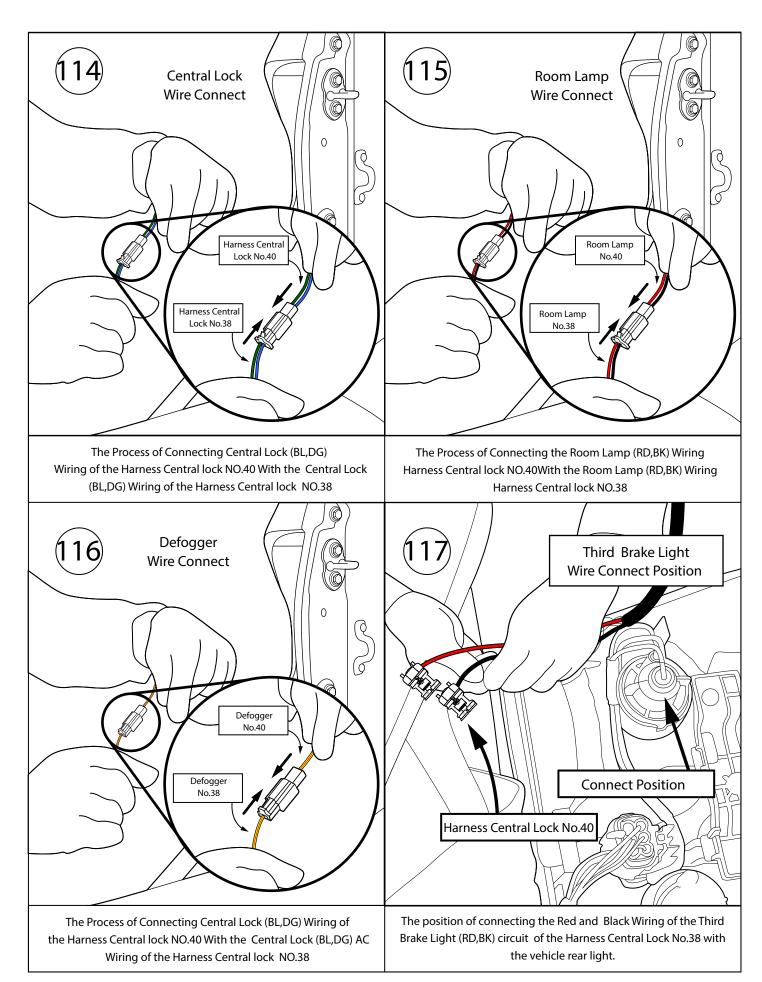




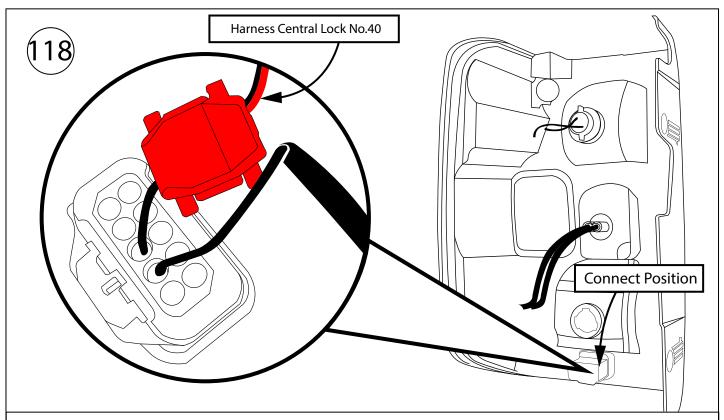
Run the Harness Central Lock No.38 along the vehicle tub channel out of the Rear Light Socket.



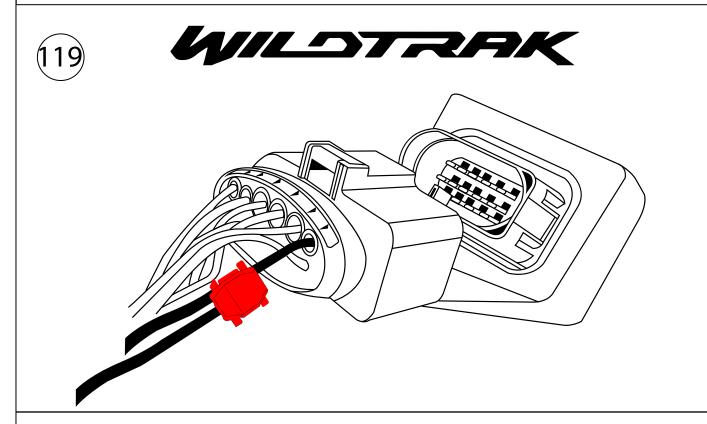
The Harness Central Lock No.40 wiring vehicle position and the Harness Central Lock No.38 wiring set.





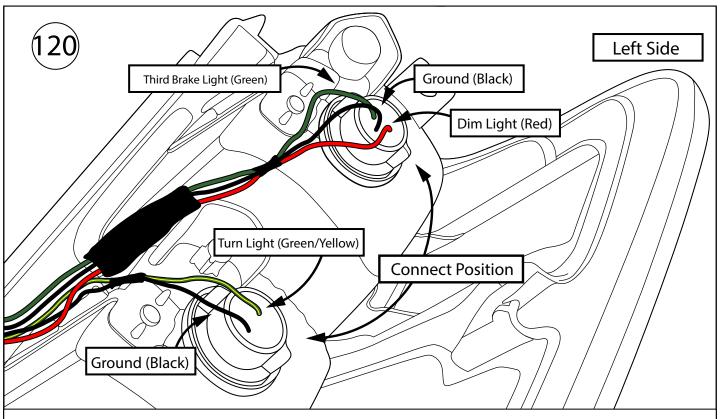


Connect the Red wiring, third Brake Light (RD) of the Harness Central Lock No.40 with the Black Brake Light Wiring on the Left Side of the Rear vehicle light.

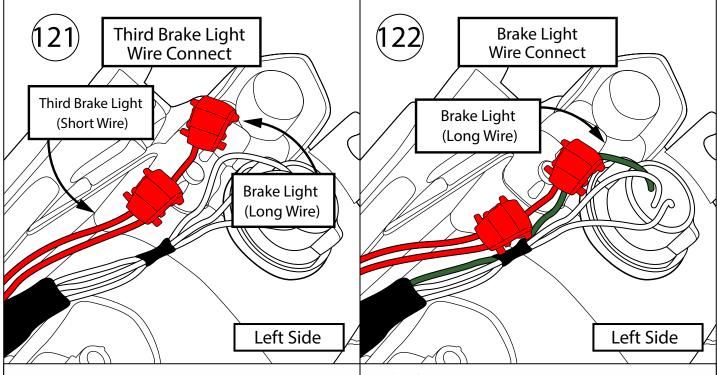


Connect Position Wiring Brake Light (Wildtrak)





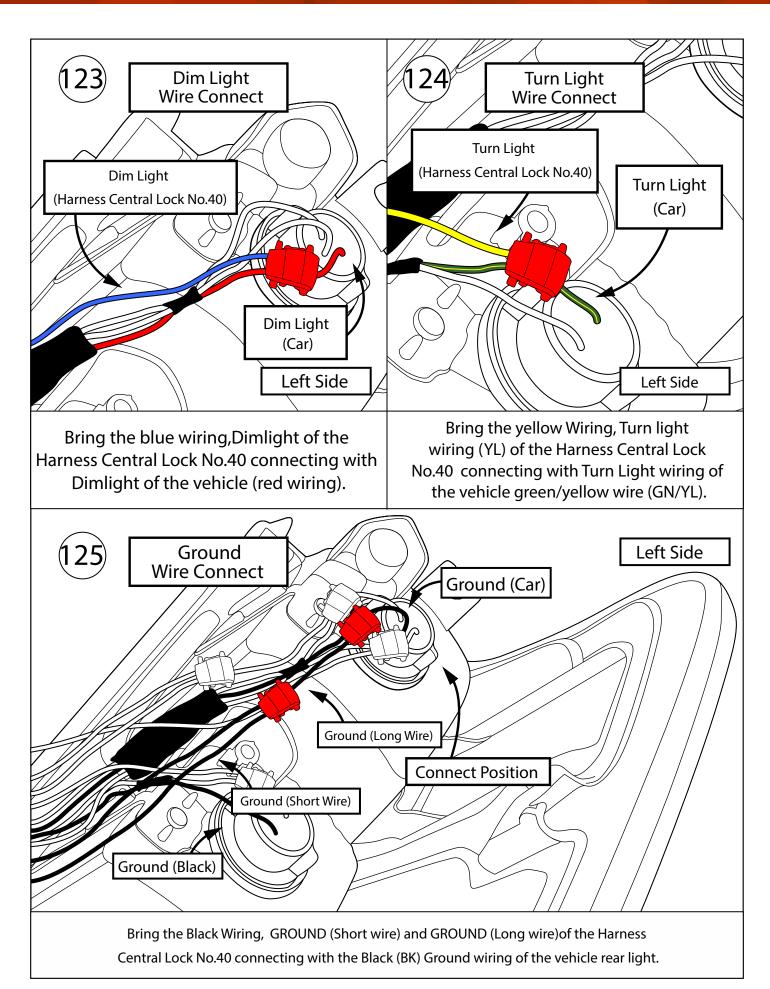
Third Brake Light, Brake Light, Dim Light, Turn Light and Ground of the vehicle wire connect position.



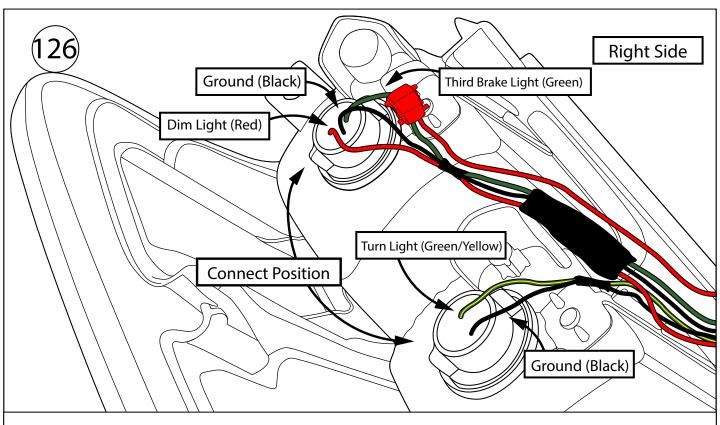
Bring the red wiring, Third Brake Light (Short wire) of the Harness Central Lock No.40 connecting with Brake Light (Long wire) of the Harness Central Lock No.40.

After finish the installation step no.50 Bring the Red Wiring, Brake wiring (Long wire) of the Harness Central Lock No.40 connecting with the wiring (Green wire) of the vehicle.

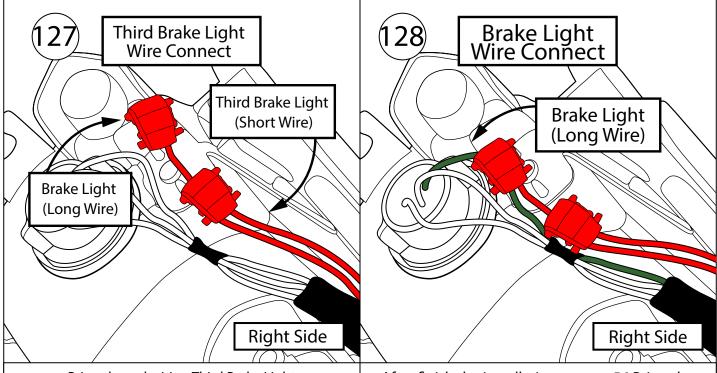








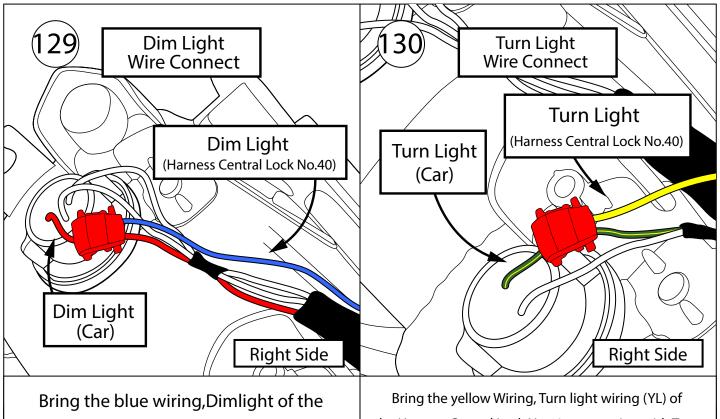
Third Brake Light , Brake Light , Dim Light , Turn Light and Ground of the vehicle wire connect position.



Bring the red wiring, Third Brake Light (Short wire) of the Harness Central Lock No.40 connecting with Brake Light (Long wire) of the Harness Central Lock No.40.

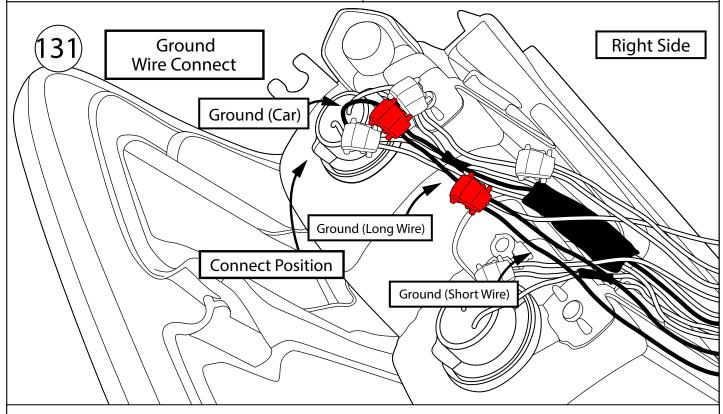
After finish the installation step no.56 Bring the Red Wiring, Brake wiring (Long wire) of the Harness Central Lock No.40 connecting with the wiring (Green wire) of the vehicle.





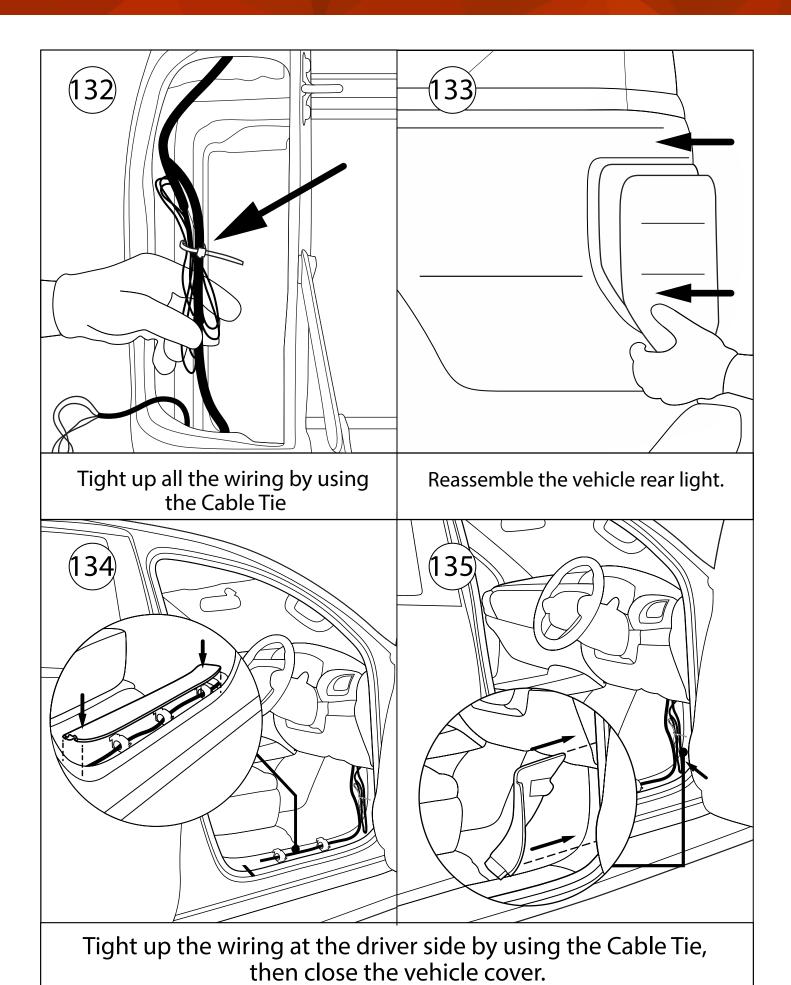
Bring the blue wiring, Dimlight of the Harness Central Lock No.40 connecting with Dimlight of the vehicle (red wiring).

Bring the yellow Wiring, Turn light wiring (YL) of the Harness Central Lock No.40 connecting with Turn Light wiring of the vehicle green/yellow wire (GN/YL).

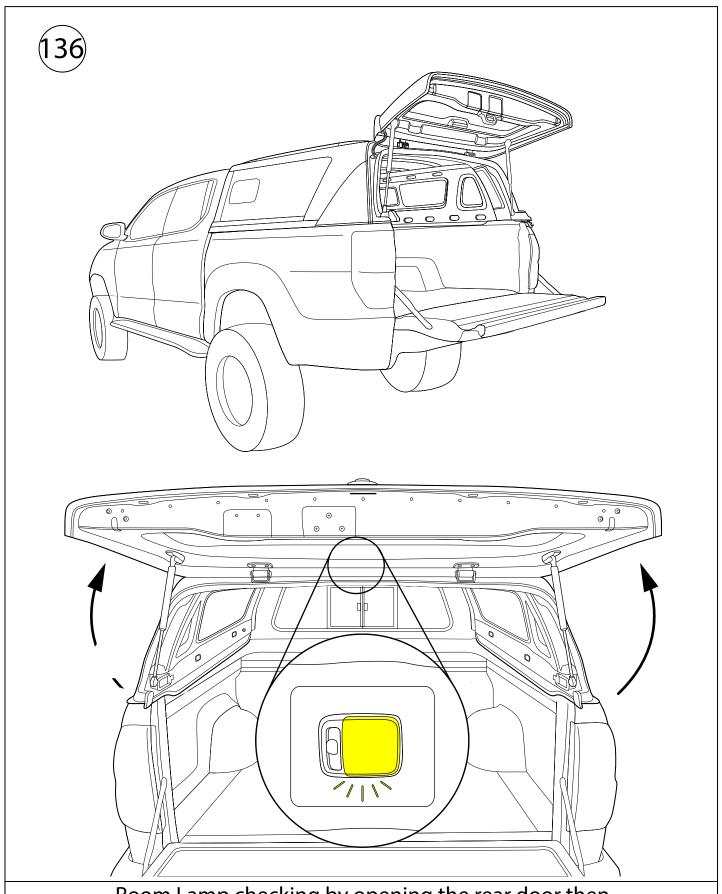


Bring the Black Wiring, GROUND (Short wire) and GROUND (Long wire)of the Harness Central Lock No.40 connecting with the Black (BK) Ground wiring of the vehicle rear light.



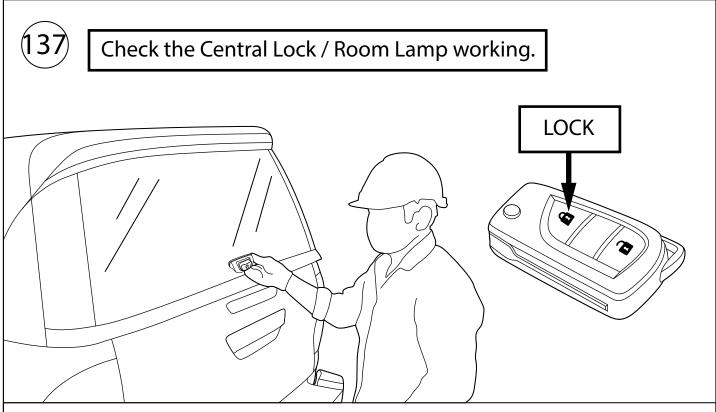




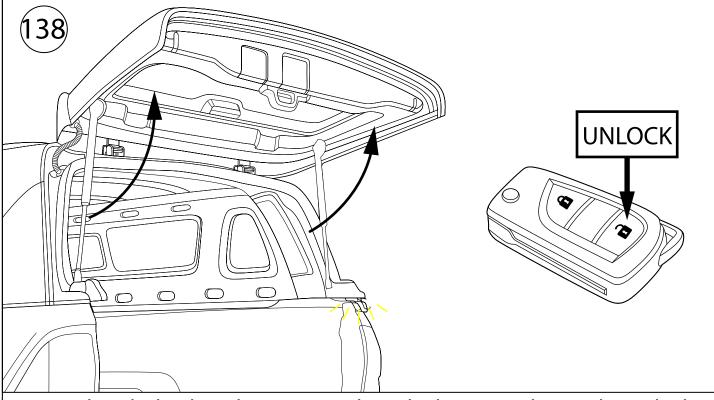


Room Lamp checking by opening the rear door then the Room Lamp will be on.





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



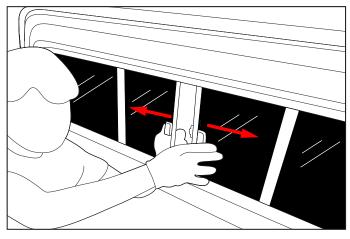
Central Lock checking by pressing the vehicle remote key at the Unlock position, Canopy will be open.



Opening Function of all canopy model

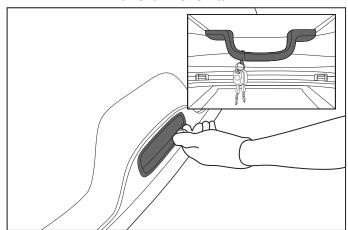


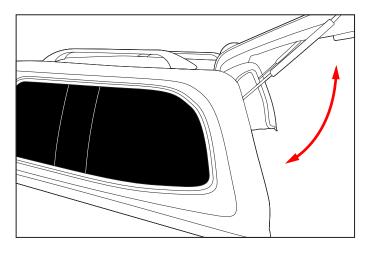
Front Window function usages will be the same for all model, V2, V4 and TL1.



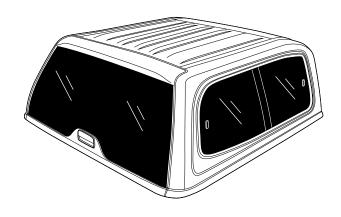
Use the key is unlock function will be the same for all model, V2, V4 and TL1.

Open the backdoor function are different.

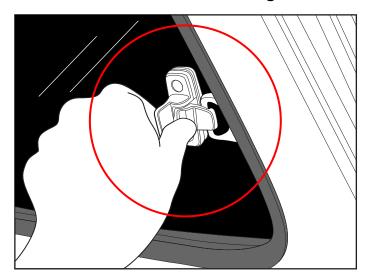




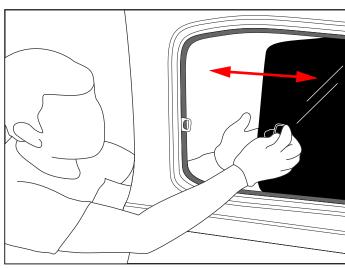
User manual



Slide Window (Left-Right)



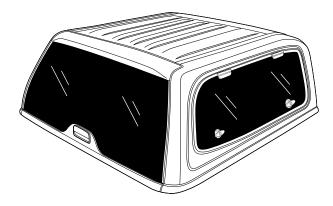
Squeeze the lock side to open.



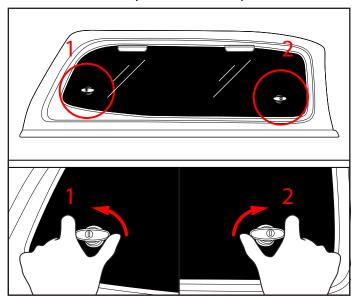
The Picture shows how to open the side window.



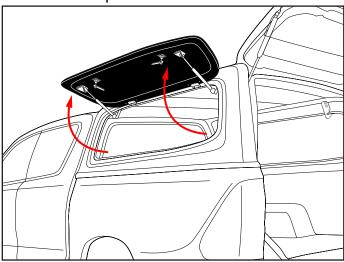
User manual



Glass Birdwing Window Left-Right (Handle Lock)

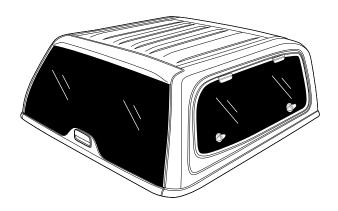


Turn around the canopy lock as shown in picture to open the side window.

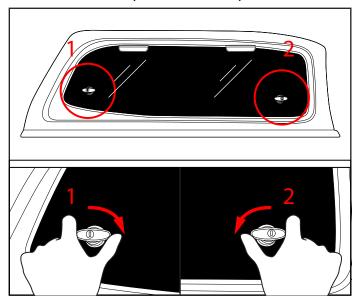


Picture shows how to open the side window.

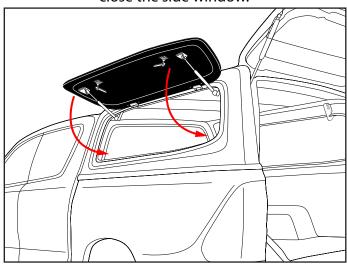
User manual



Glass Birdwing Window Left-Right (Handle Lock)

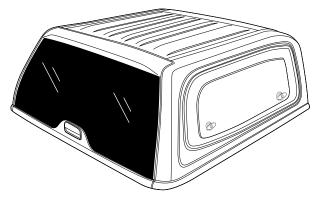


Turn around the canopy lock as shown in picture to close the side window.

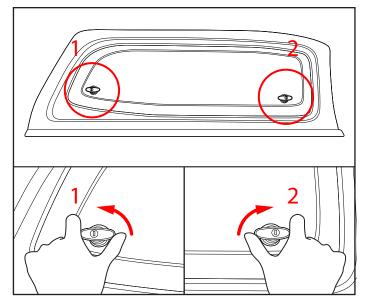


Picture shows how to close the side window.

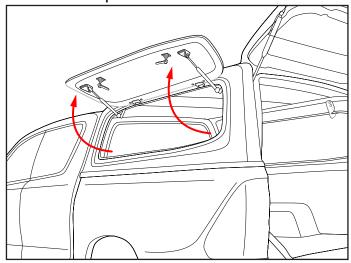




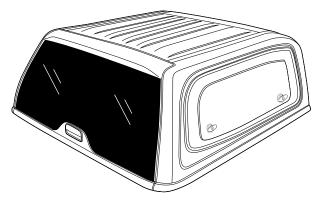
Solid Birdwing Window Left-Right (Handle Lock)



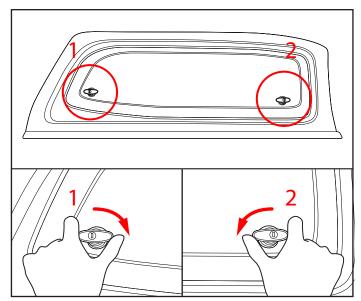
Turn around the canopy lock as shown in picture to open the side window.



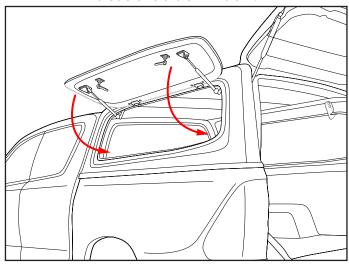
Picture shows how to open the side window.



Solid Birdwing Window Left-Right (Handle Lock)



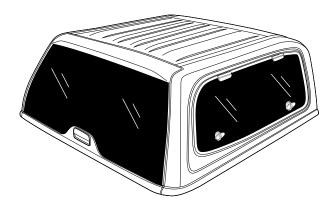
Turn around the canopy lock as shown in picture to close the side window.



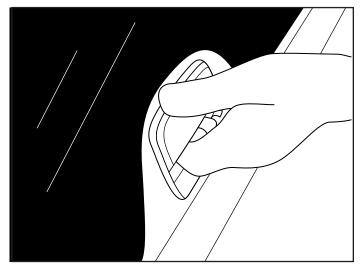
Picture shows how to close the side window.



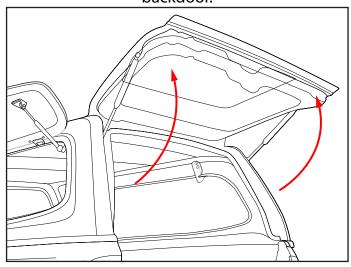
User manual



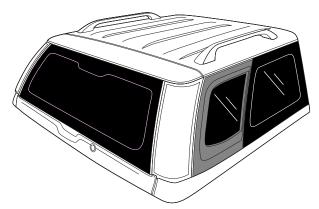
Backdoor



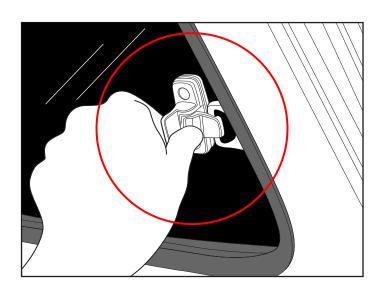
Use the handle as shown in picture to open the backdoor.



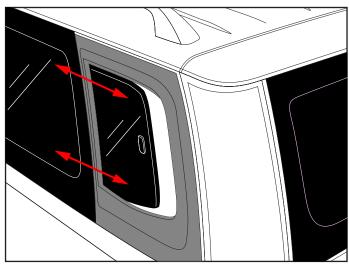
The Picture shows how to open the backdoor.



Slide Window (Left-Right)

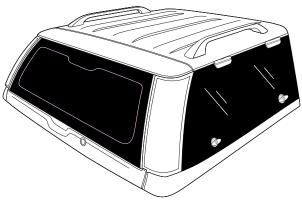


Squeeze the lock side to open.

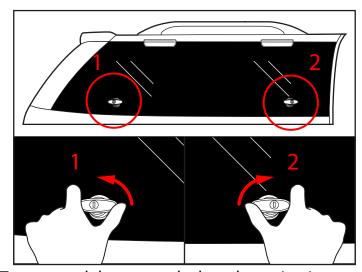


The Picture shows how to open the side

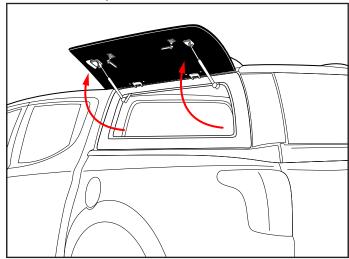




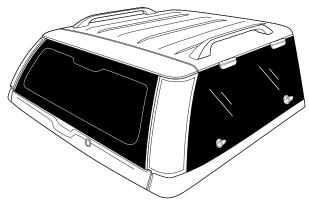
Glass Birdwing Window Left-Right (Handle Lock)



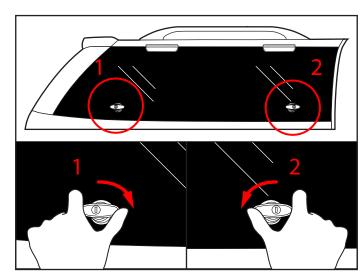
Turn around the canopy lock as shown in picture to open the side window.



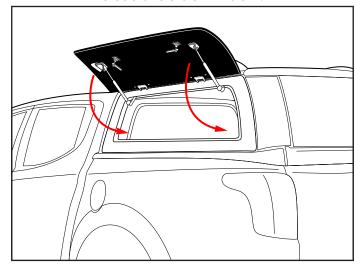
Picture shows how to open the side window.



Glass Birdwing Window Left-Right (Handle Lock)

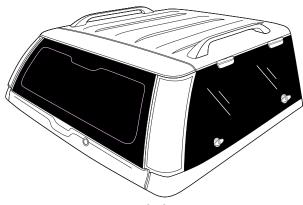


Turn around the canopy lock as shown in picture to close the side window.

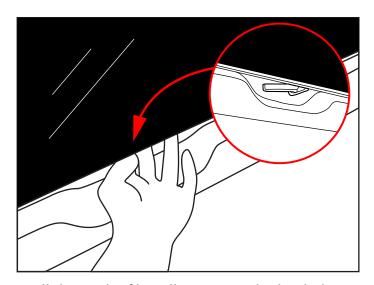


Picture shows how to close the side window.

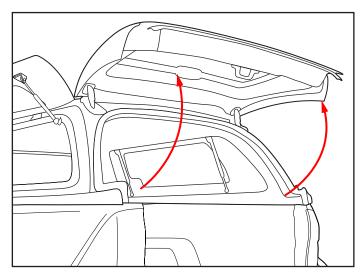




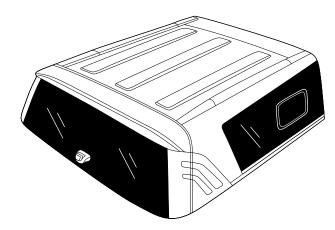
Backdoor



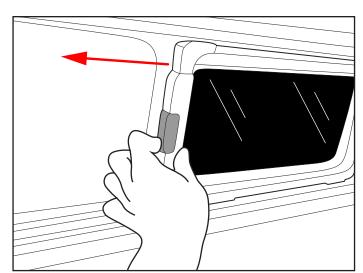
Pull the stick of handle to open the back door.



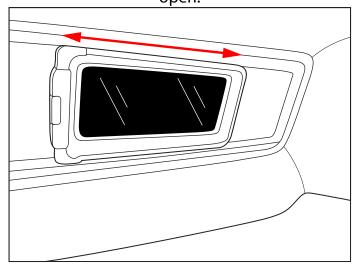
The Picture shows how to open the backdoor.



Slide Window (Left-Right)

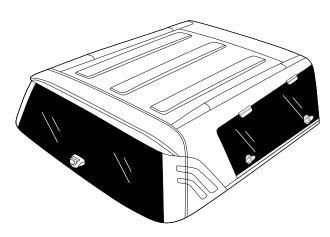


Push the button in side canopy and slide back to open.

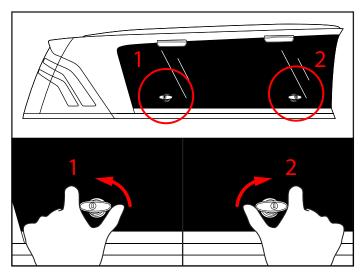


Picture shows how to open the side window from inside.

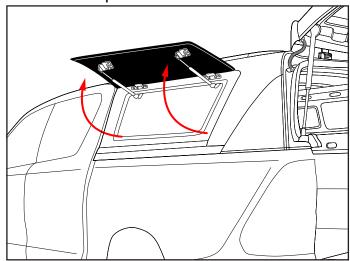




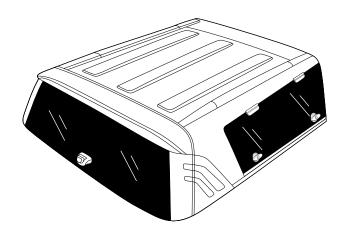
Glass Birdwing Window Left-Right (Handle Lock)



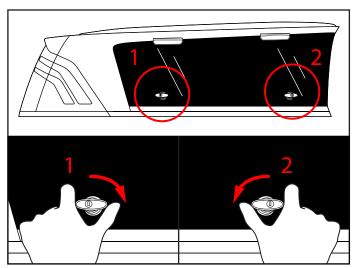
Turn around the canopy lock as shown in picture to open the side window.



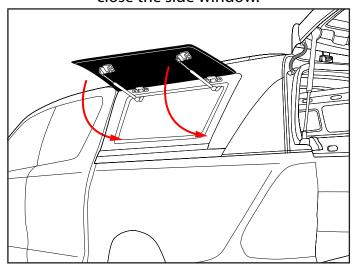
Picture shows how to open the side window.



Glass Birdwing Window Left-Right (Handle Lock)

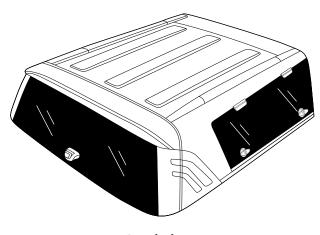


Turn around the canopy lock as shown in picture to close the side window.

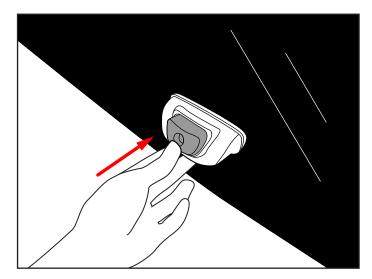


Picture shows how to close the side window.

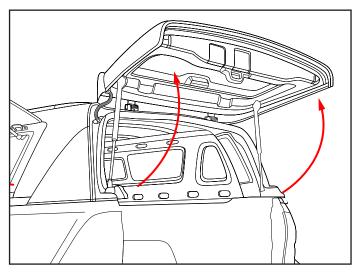




Backdoor



Push the button to open the back door.



The Picture shows how to open the backdoor.