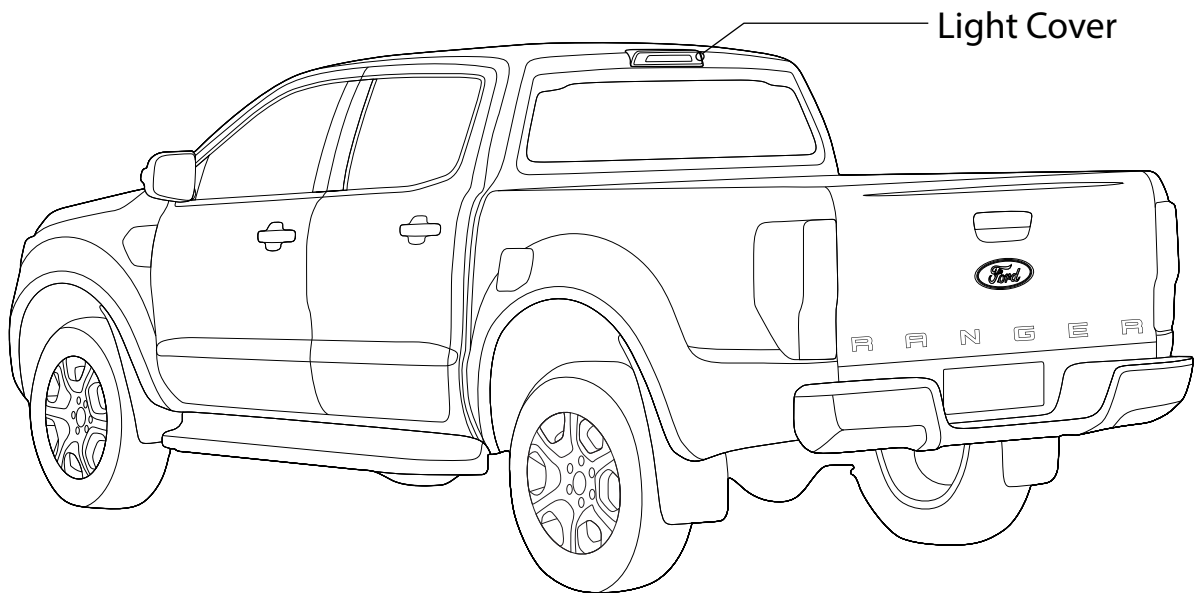


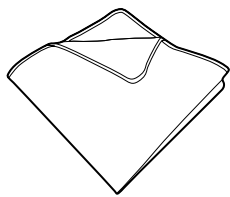


Mechanical Installation Manual For Ford Ranger 2012

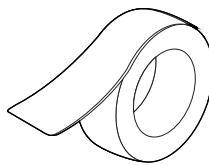
Light Cover



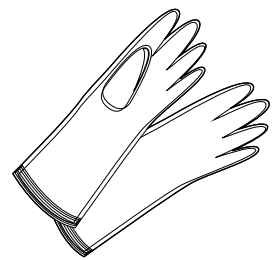
EQUIPMENT



Fabric

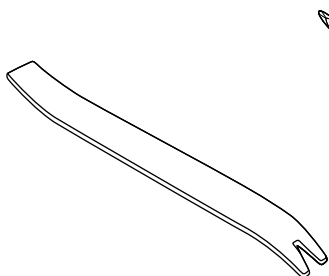


Masking Tape

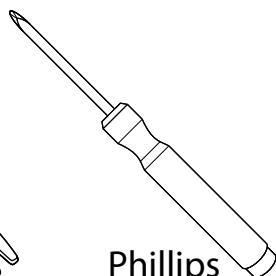


Handcover

TOOL

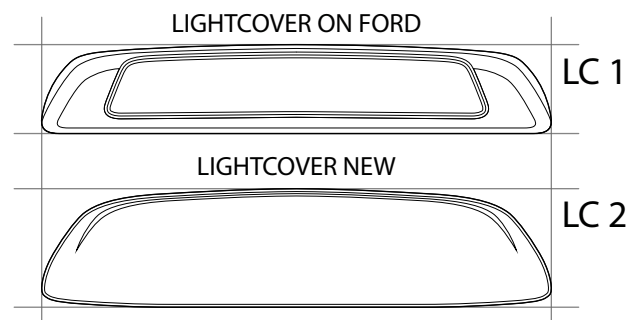


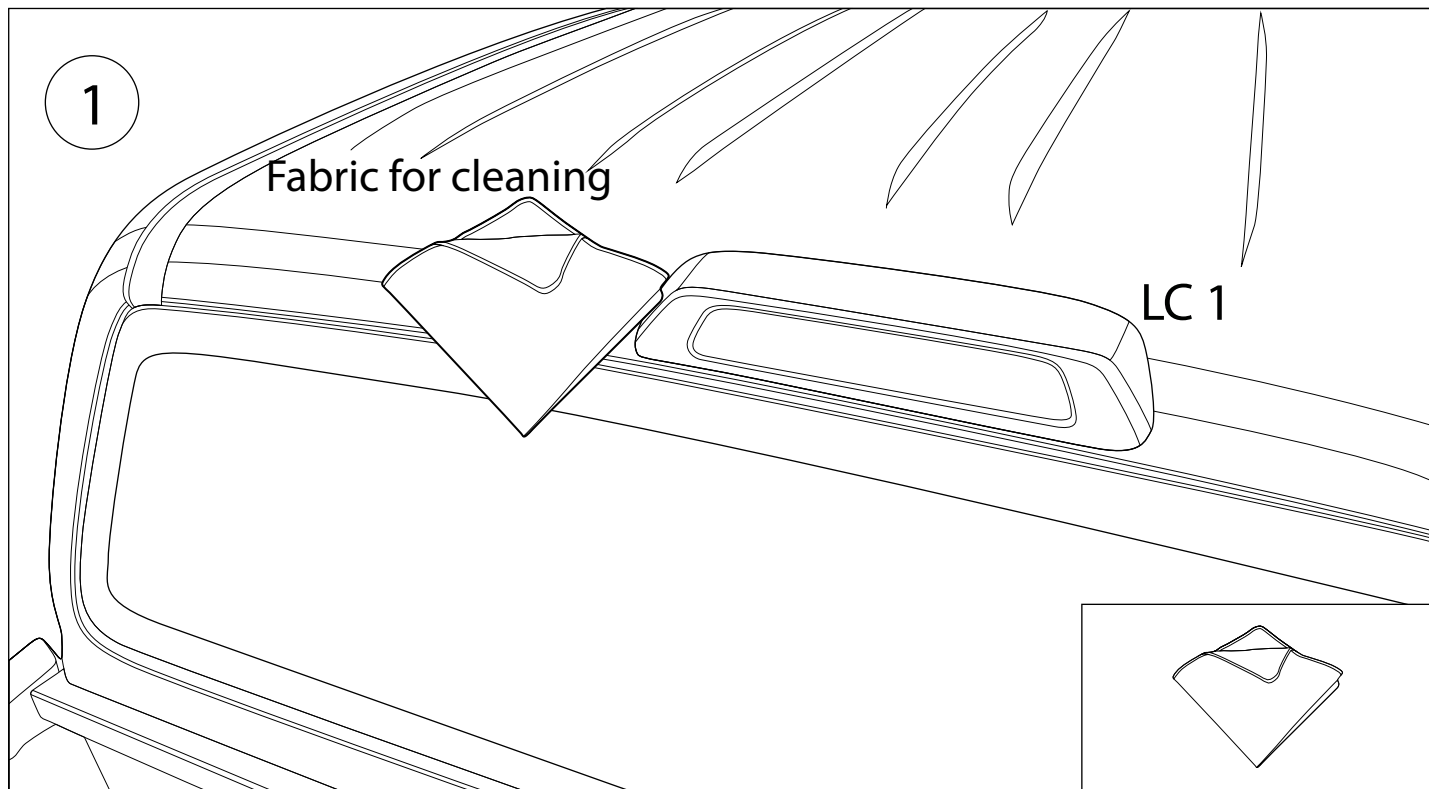
Plastic for Console Car



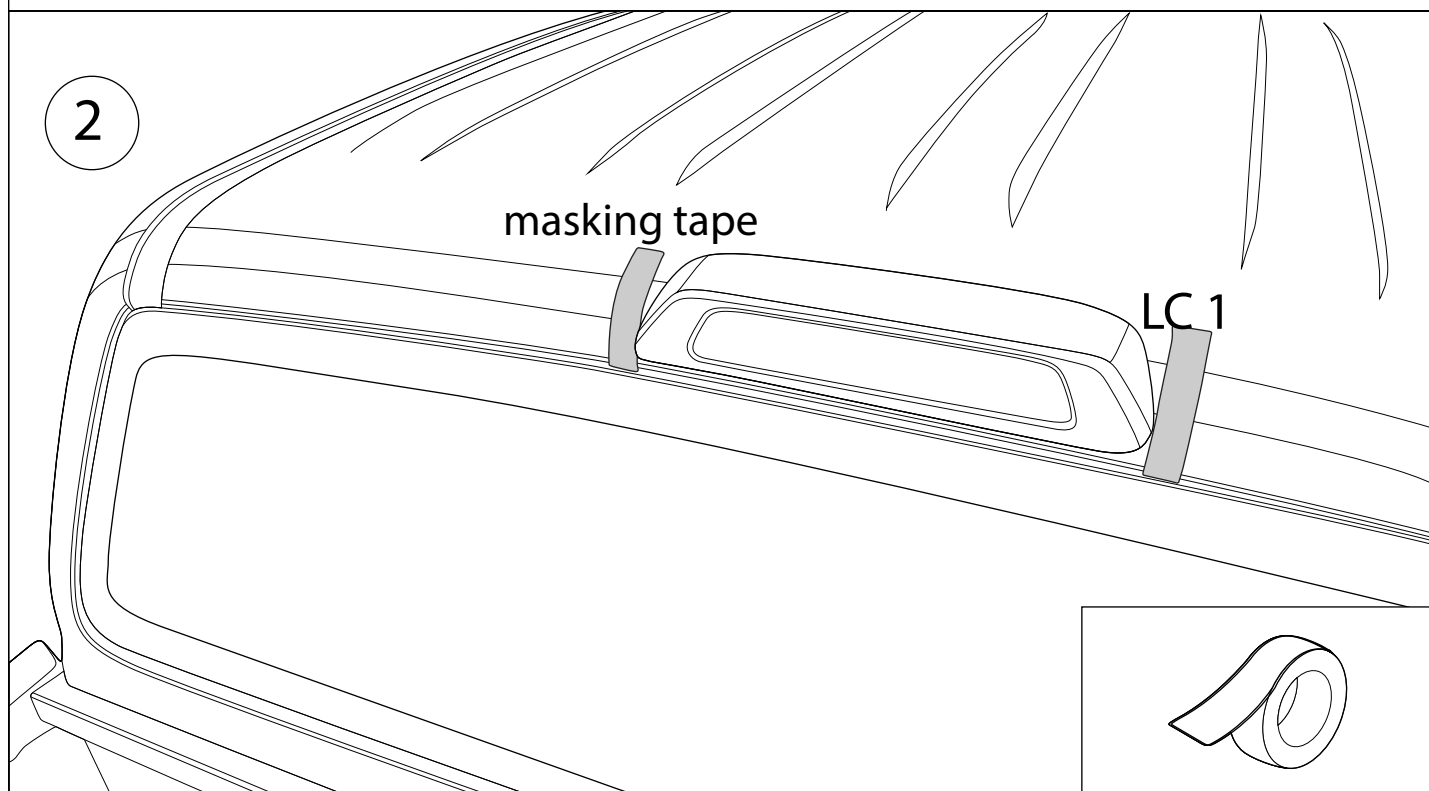
Phillips
Screwdriver

LIGHTCOVER

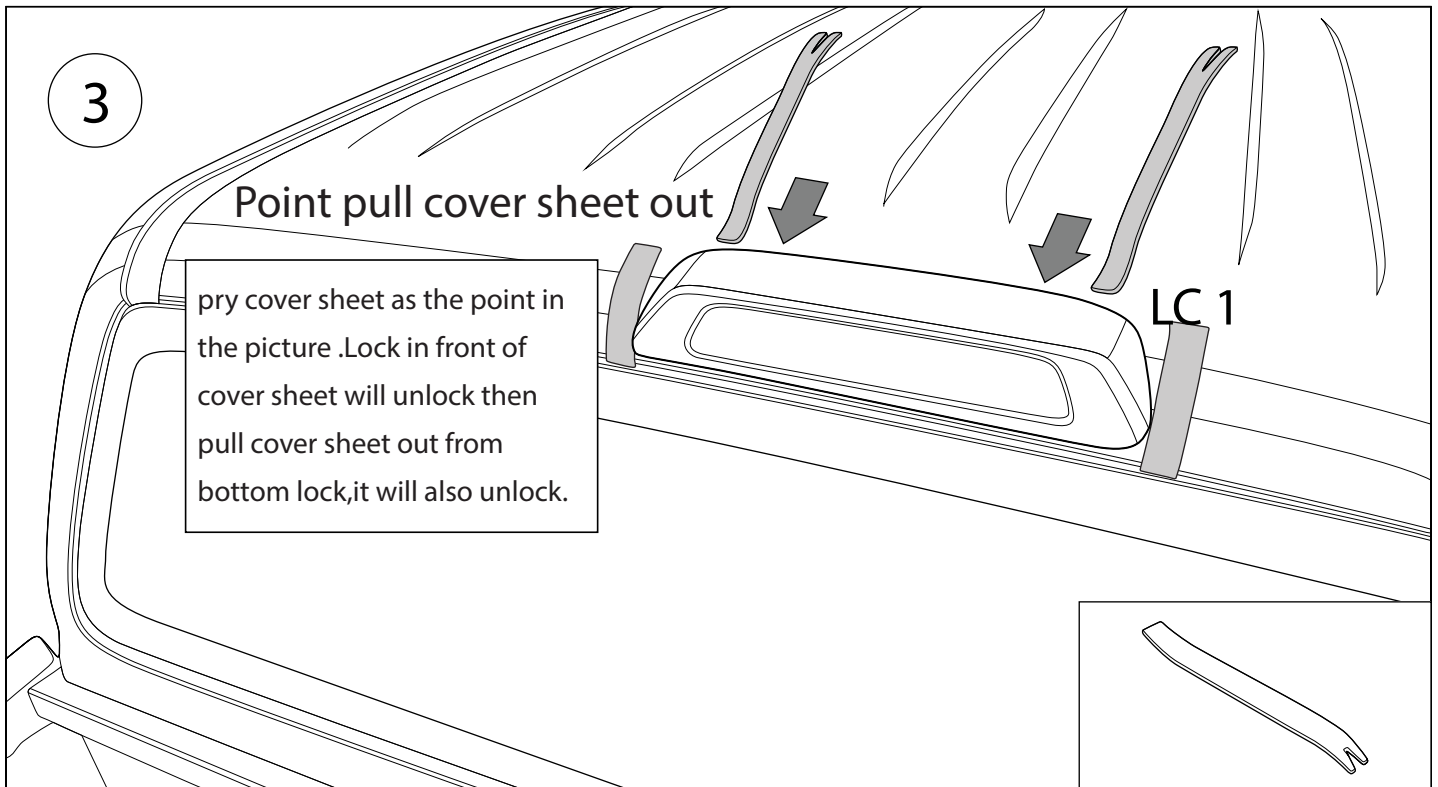




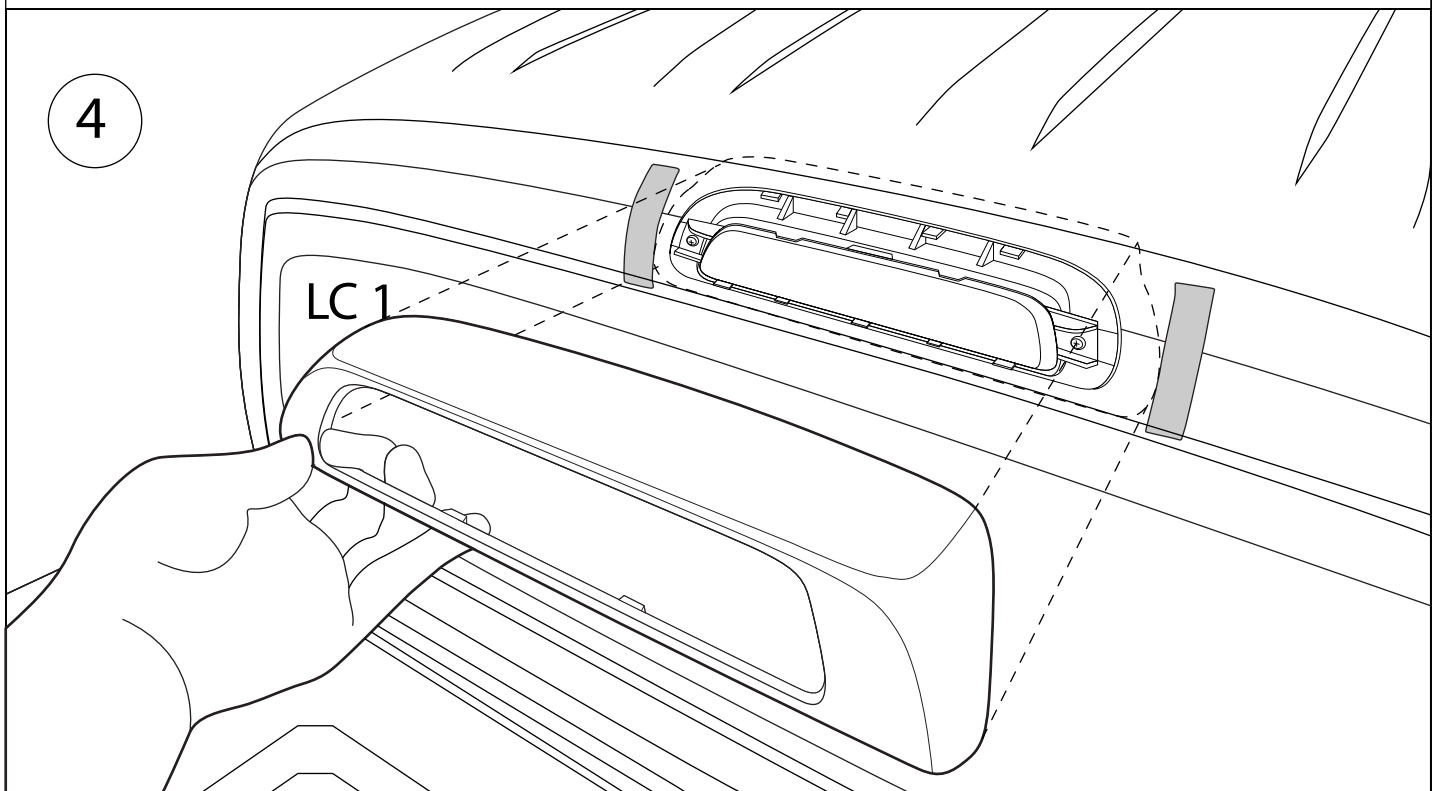
Cleaning the surface area of light cover on ford.



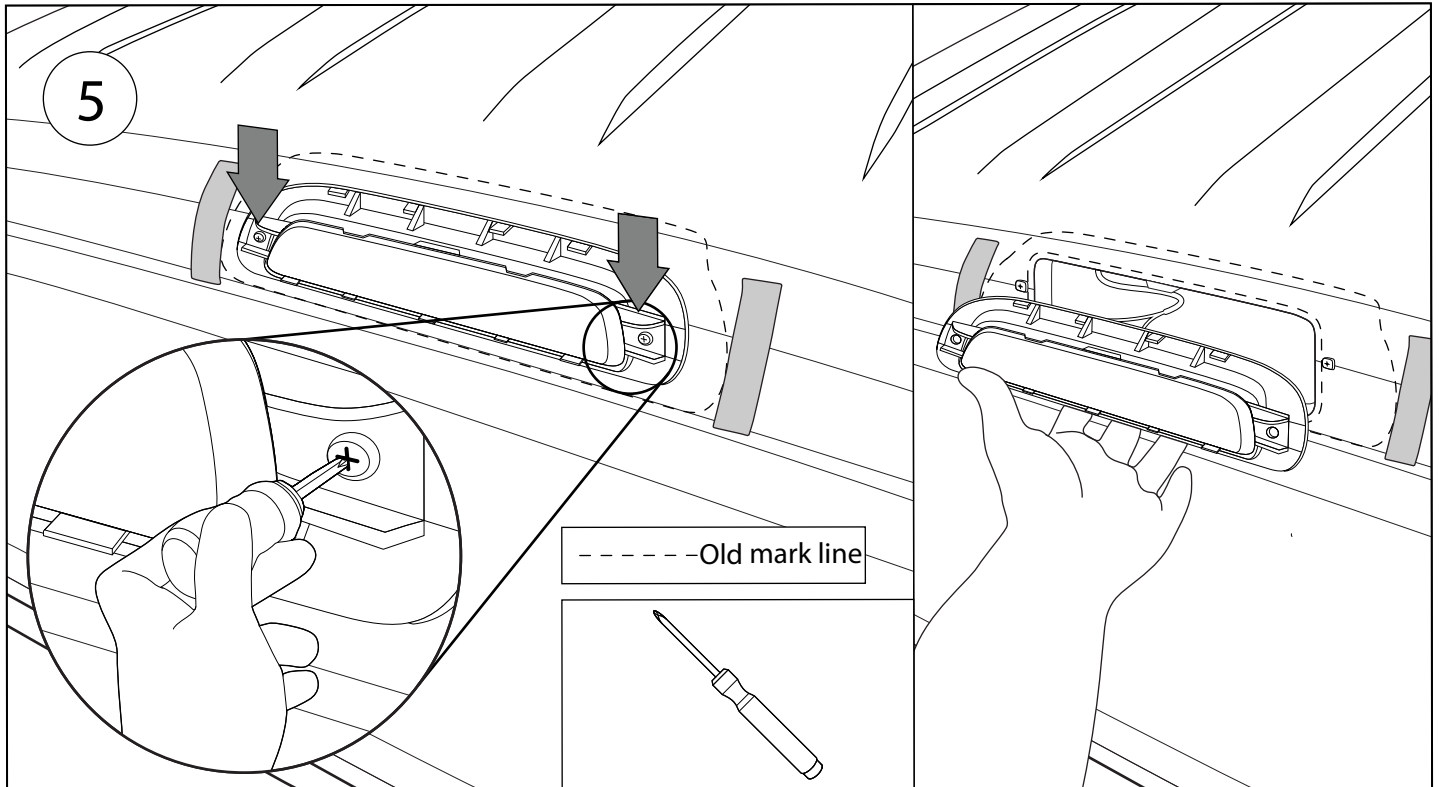
Stick the masking tape to measure a space of installation for new light cover.



Using a plastic for console car pry a light cover on ford as picture above lock will unlock.

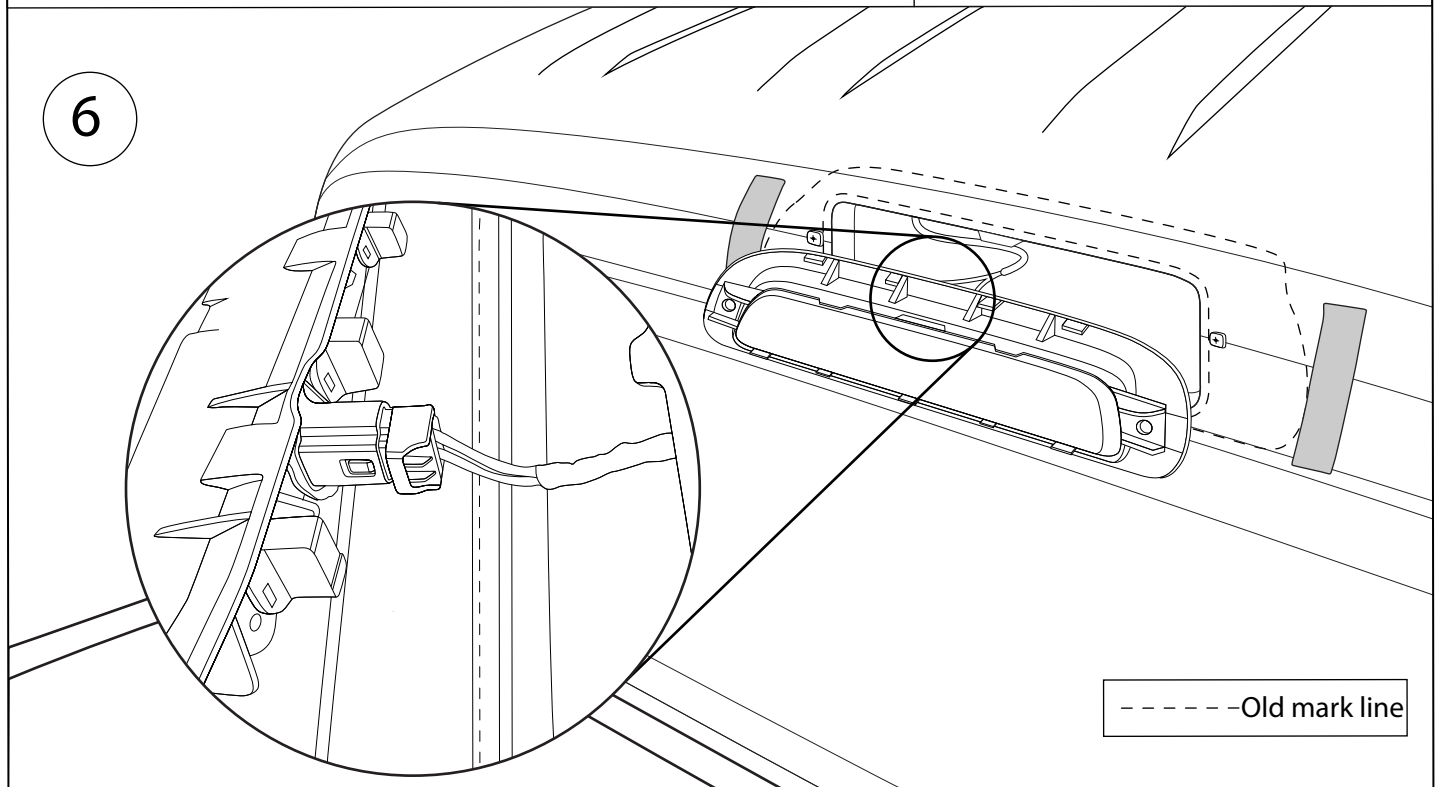


Pull a cover sheet out.



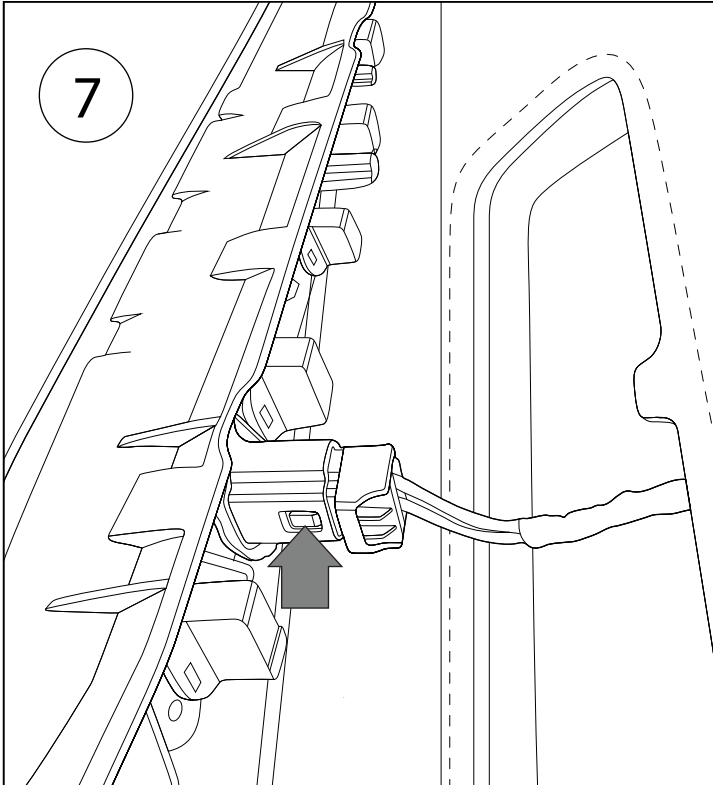
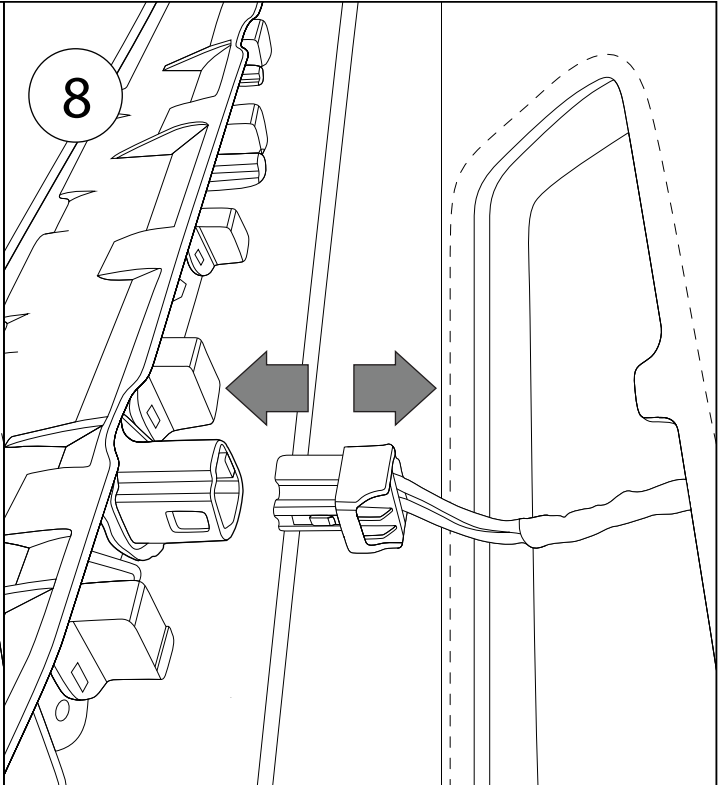
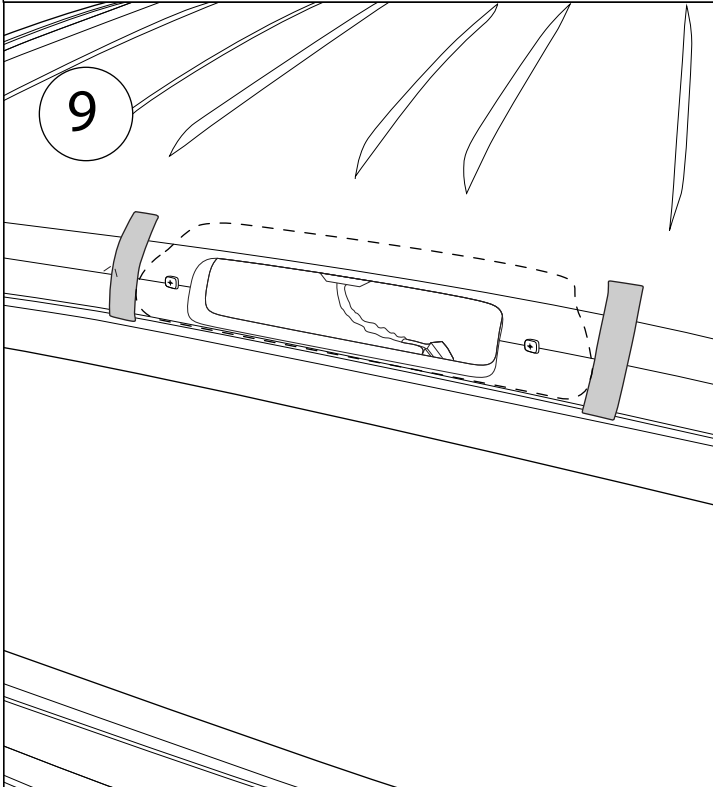
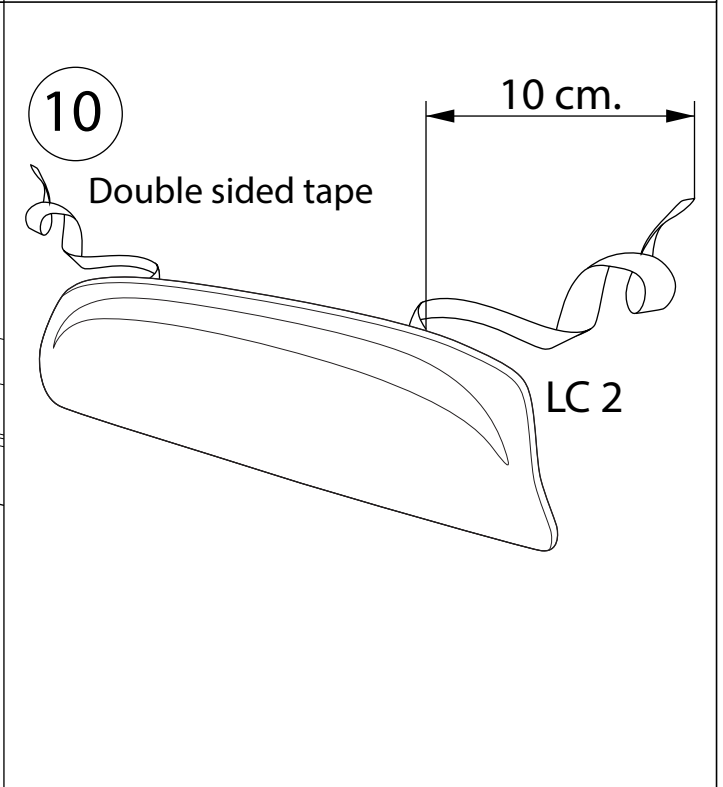
Use philips type screwdriver turn nut out on bolt position as in the picture.

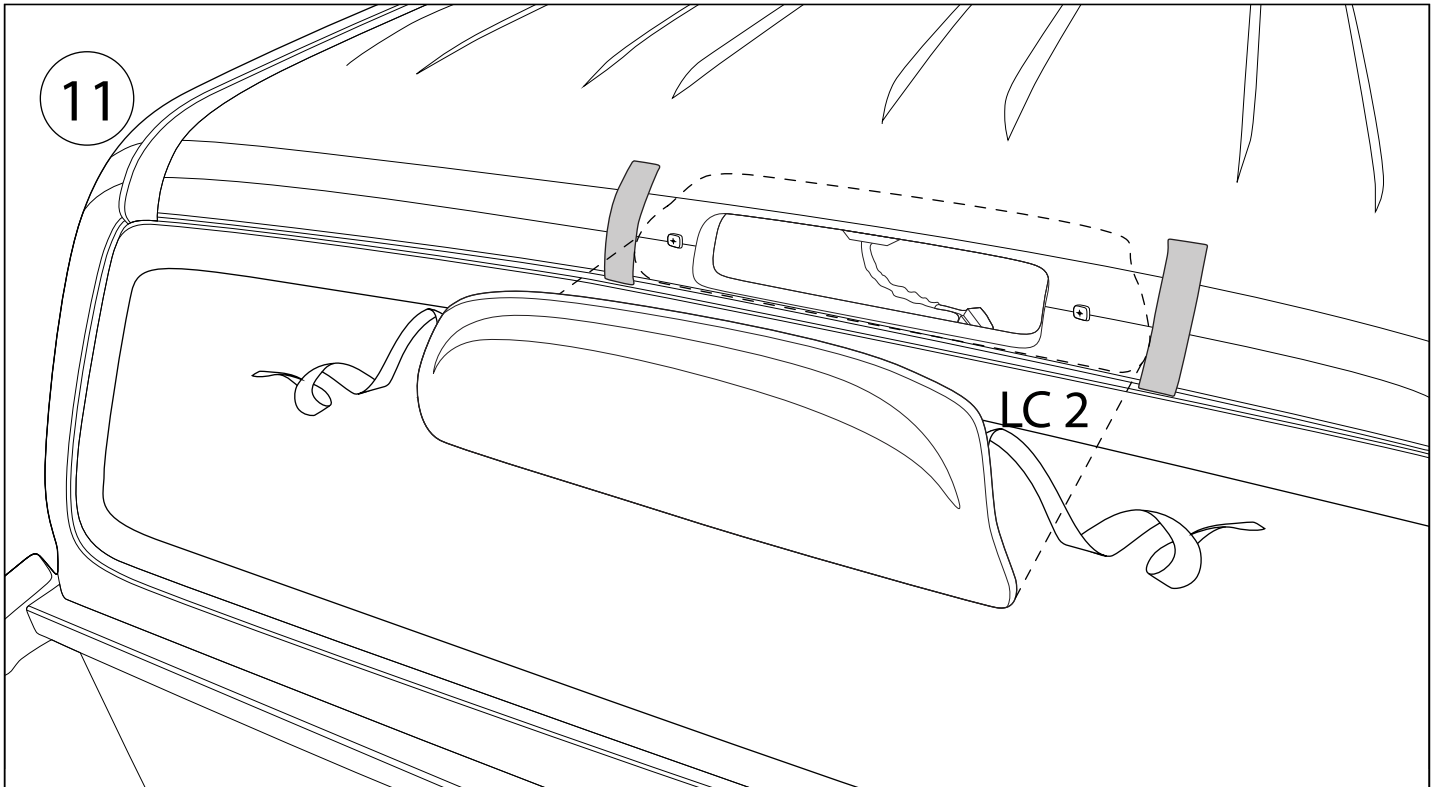
Pull the electric cover panel out.



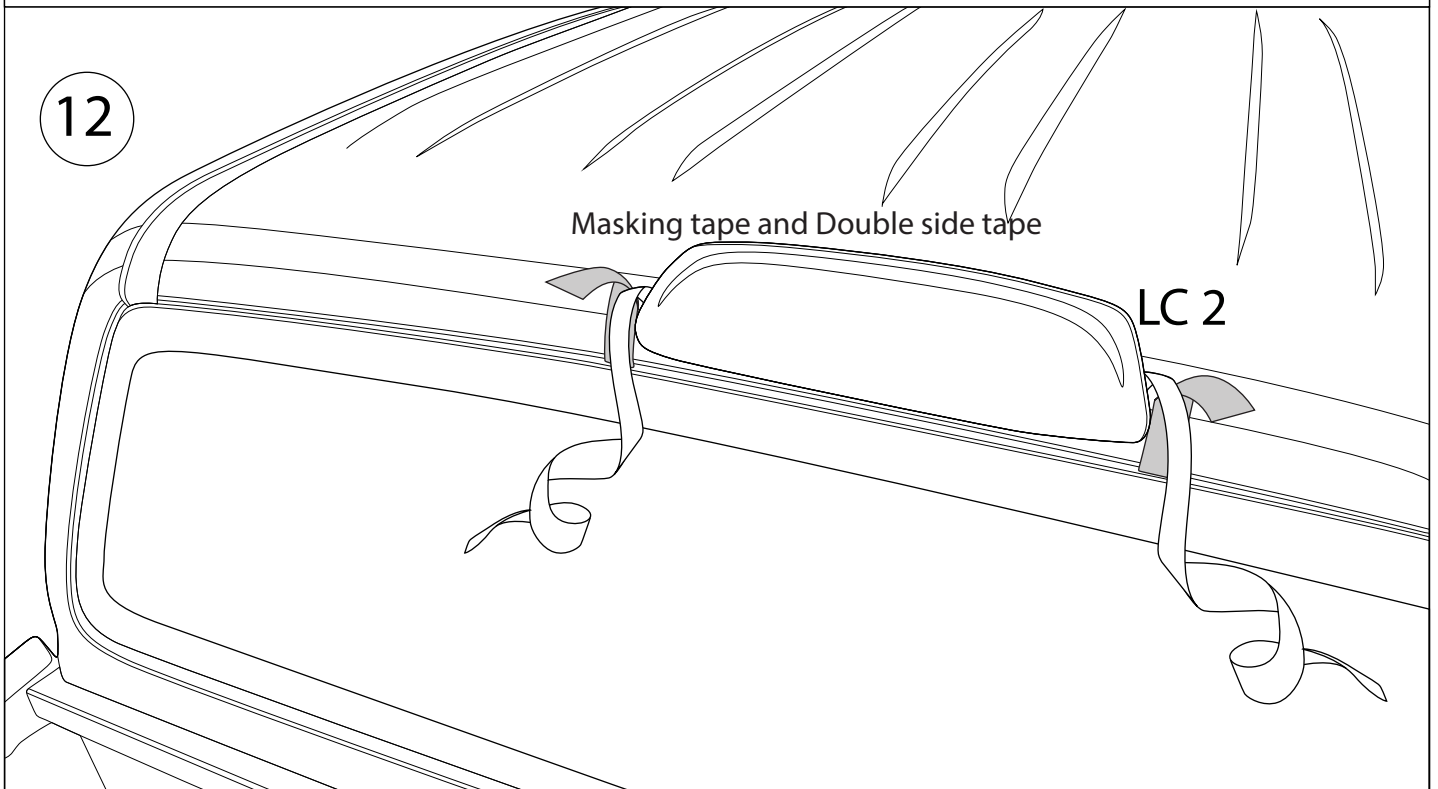
In the picture showing that pull the electric panel out, wiring of vehicle as still connecting.



 <p>7</p>	 <p>8</p>
<p>Press the position in the picture to take a wiring off a panel.</p>	<p>Pull a wiring out from electric cover panel.</p>
 <p>9</p>	 <p>10</p> <p>Double sided tape</p> <p>10 cm.</p> <p>LC 2</p>
<p>Keep a vehicle's wiring into space.</p>	<p>Take a new light cover sheet to peel tape off on both side, 10 cm. per side.</p>



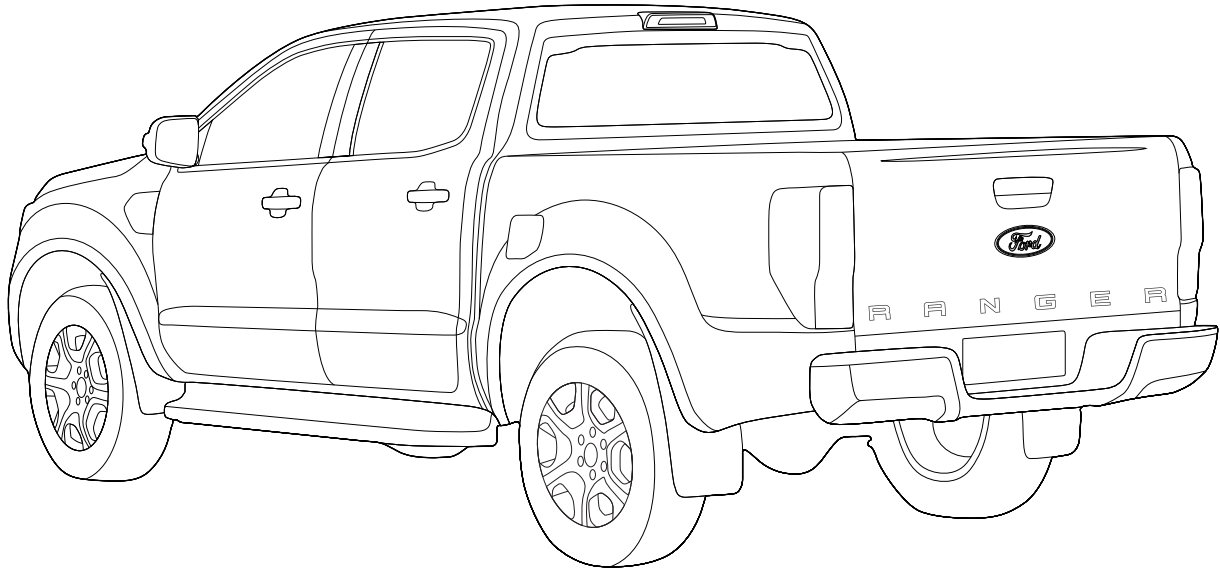
Then put a new light cover sheet over to measure a space compare to old mask line by using outer edge of light cover sheet must be in range between masking tape.



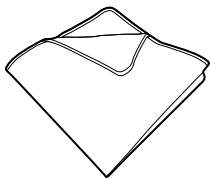
When got a space then peel all double sided tape off and peel masking tape out.



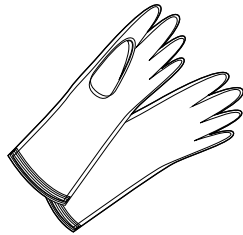
Mechanical Installation Manual Support Roof For Ford Ranger 2012



EQUIPMENT



Fabric



Handcover

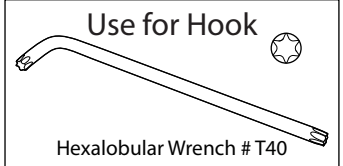
TOOL



No.10 Use for Bolt
M6



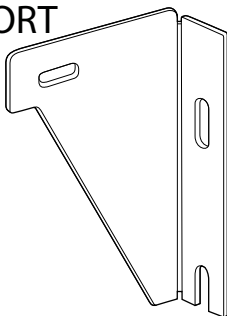
Ruler



No.13 Use for Bolt M8

SUPPORT ROOF SET

SUPPORT
ROOF
A



Bolt/Washer List



Bolt M8
C: 4 pieces



Spring Washer
D: 4 pieces



Washer
E: 4 pieces



Bolt M6
F: 2 pieces

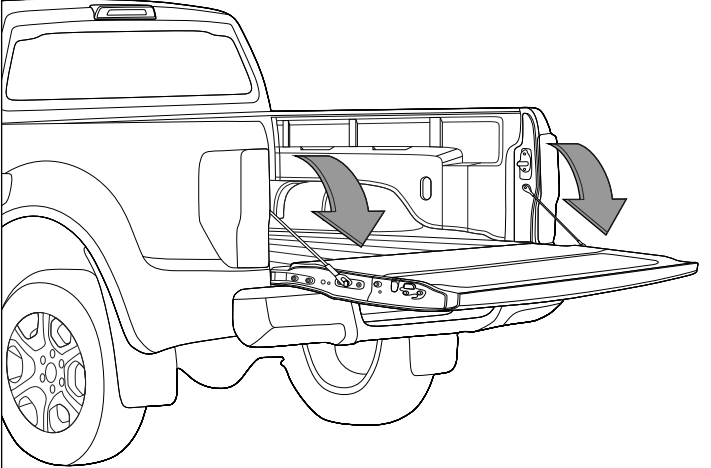
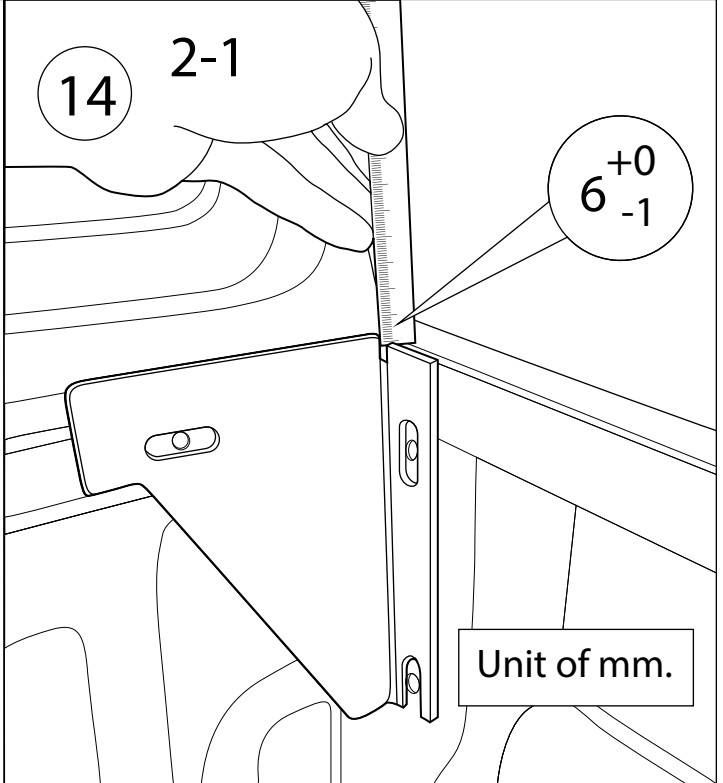
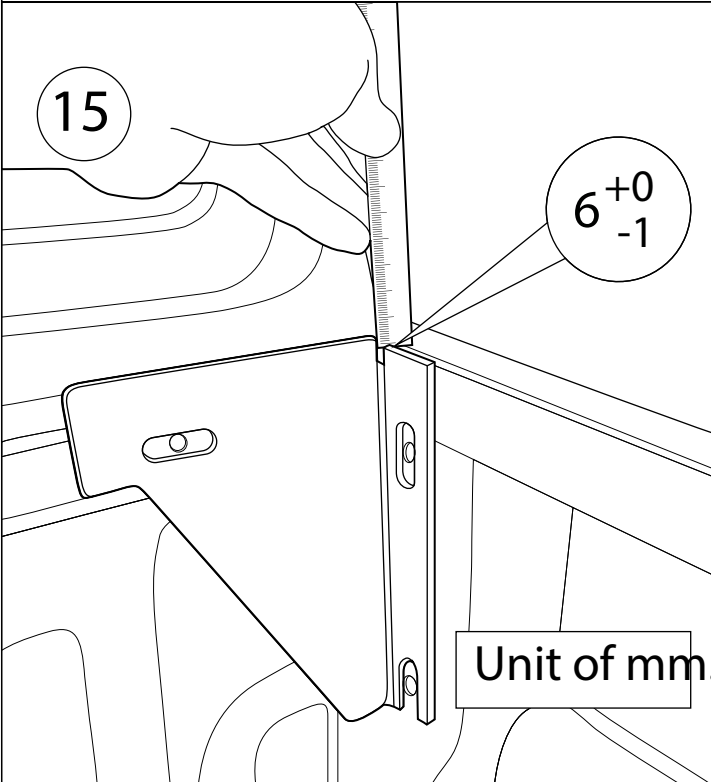
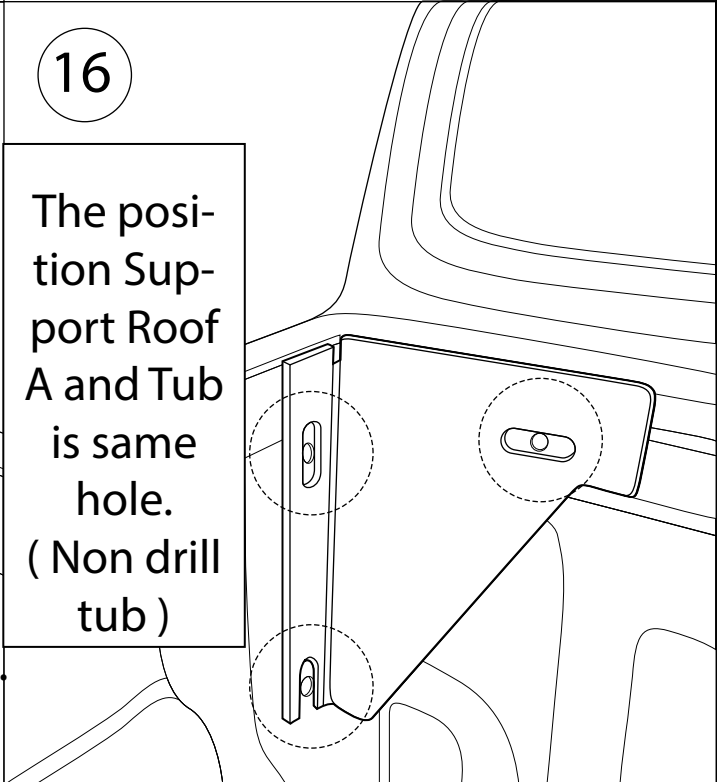


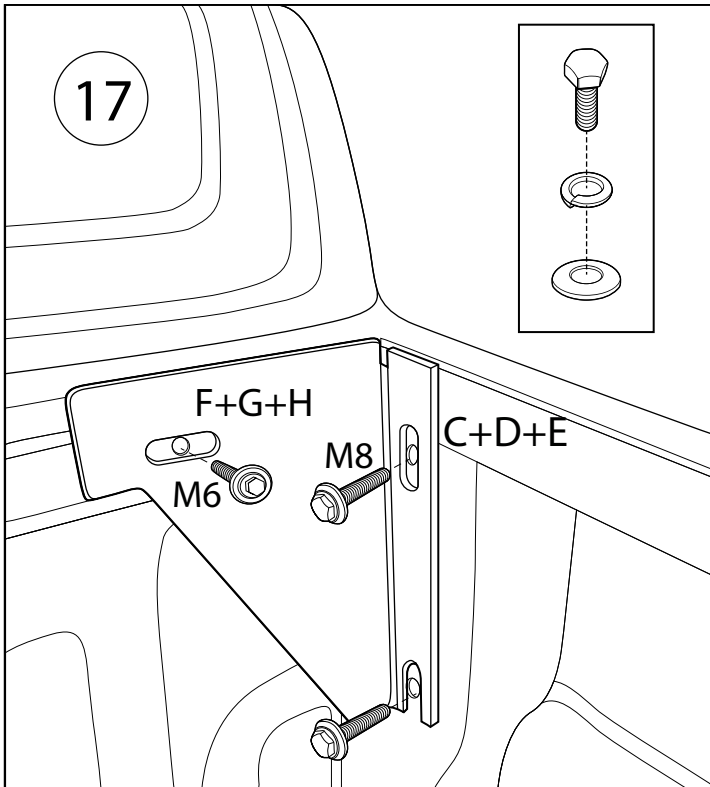
Spring Washer
G: 2 pieces



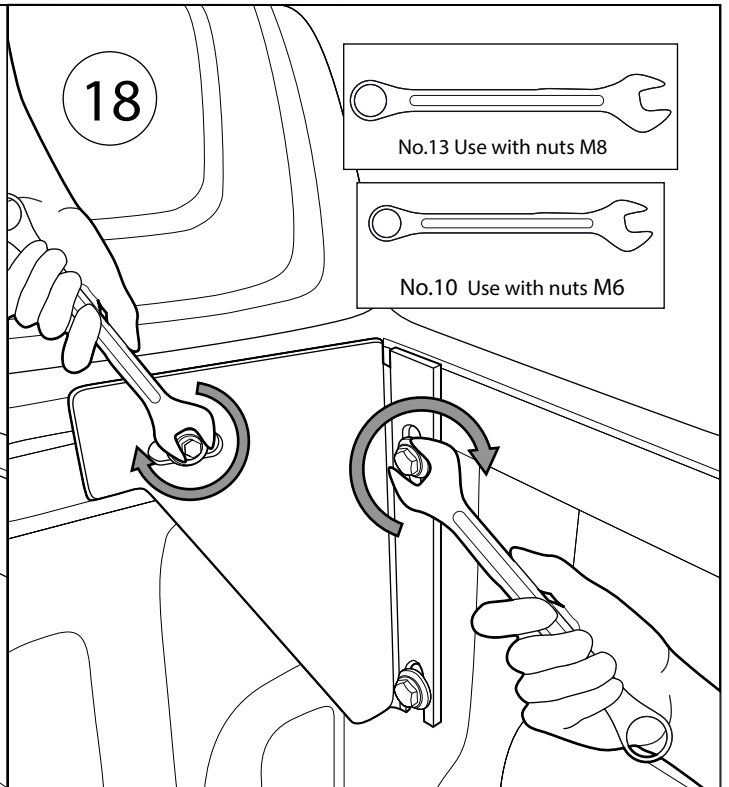
Washer
H: 2 pieces



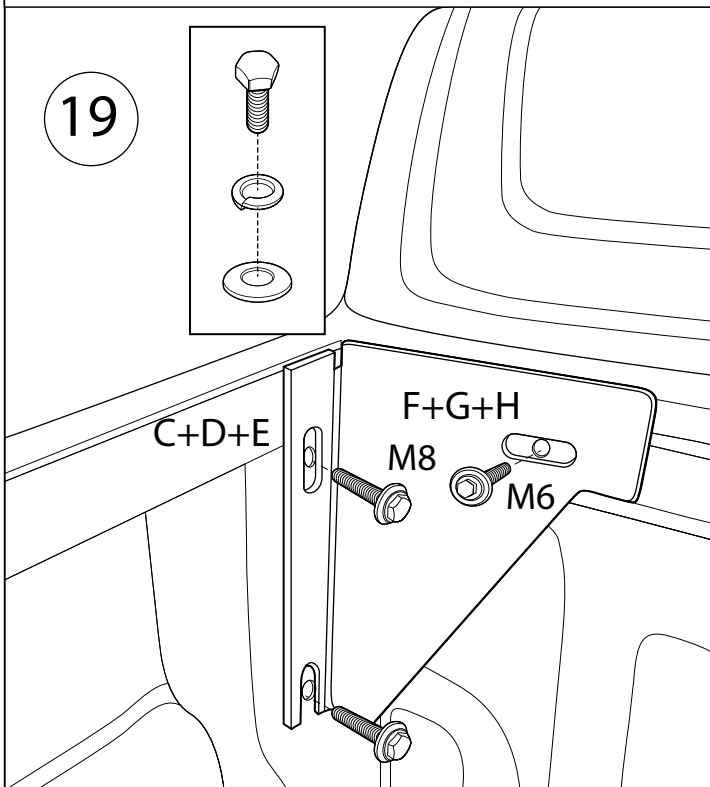
<p>13</p> 	<p>14</p> <p>2-1</p> <p>6^{+0}_{-1}</p> <p>Unit of mm.</p> 
<p>Open Tailgate.</p>	<p>Check the Support Roof A must be 6 higher than edge of the tub. (RH)</p>
<p>15</p> <p>6^{+0}_{-1}</p> <p>Unit of mm.</p> 	<p>16</p> <p>The position Support Roof A and Tub is same hole. (Non drill tub)</p> 
<p>Check the Support Roof A must be 6 higher than edge of the tub. (LH)</p>	<p>The Support Roof A installation must be reference in the hole position of the tub.</p>



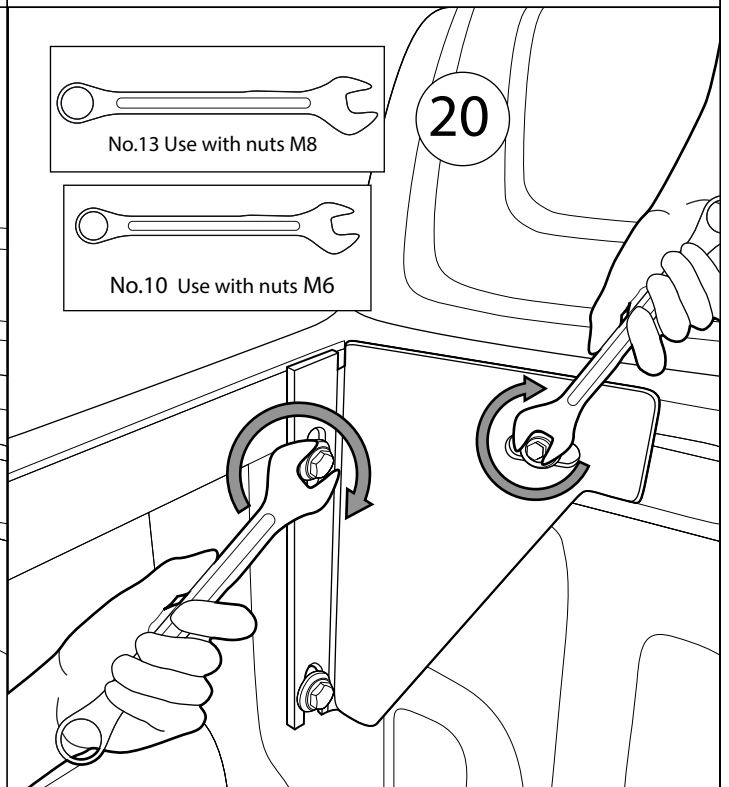
Install Support Roof A on the tub with bolt M6 and bolt M8. (RH)



Tightening bolt M6 and bolt M8 by wrench. (RH)



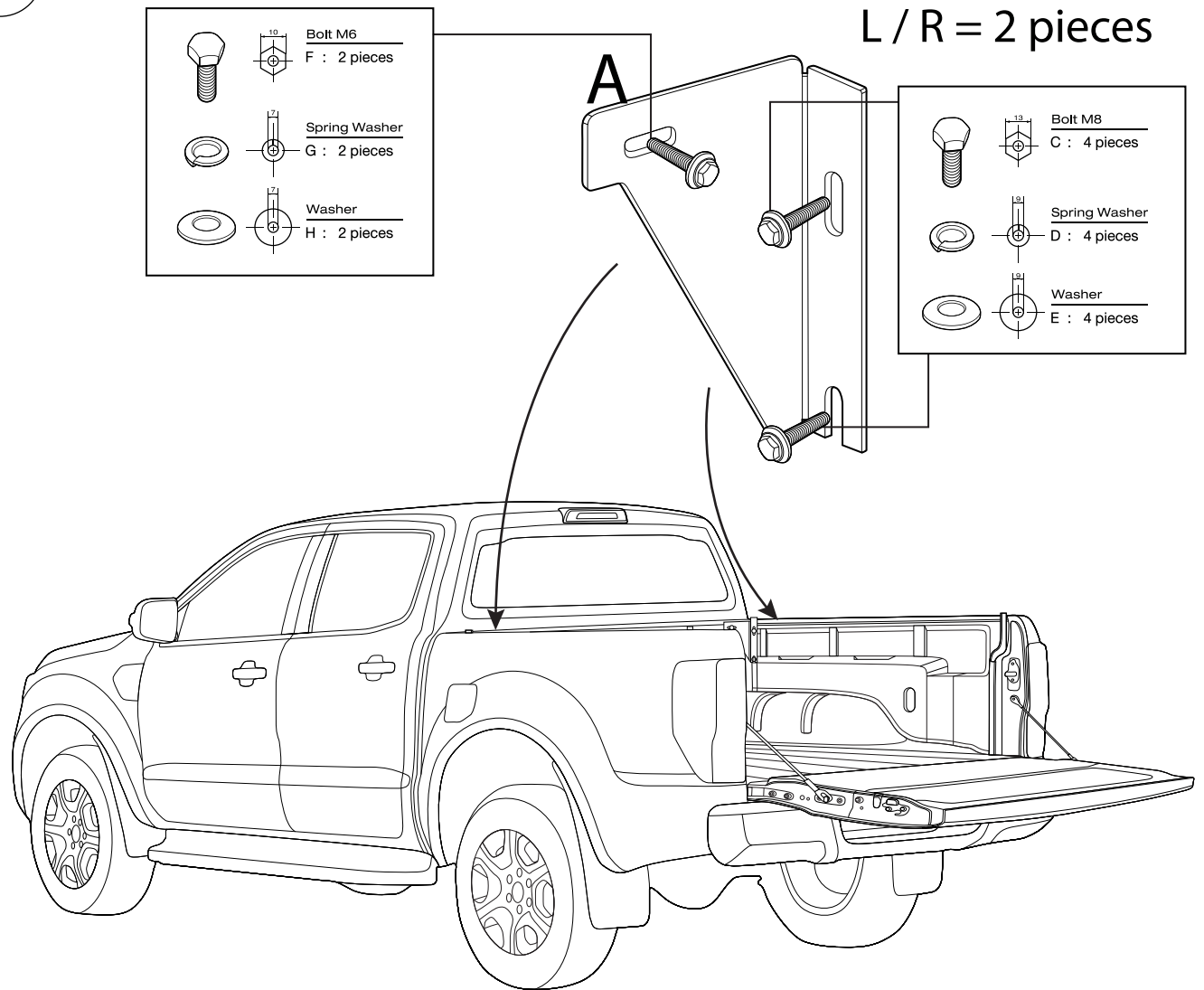
Install Support Roof A on the tub with bolt M6 and bolt M8. (LH)



Tightening bolt M6 and bolt M8 by wrench. (LH)



21



The installation locations for BRKT SUPPORT ROOF
RH/LH on the tub.



SAMMITR

Installation Manual

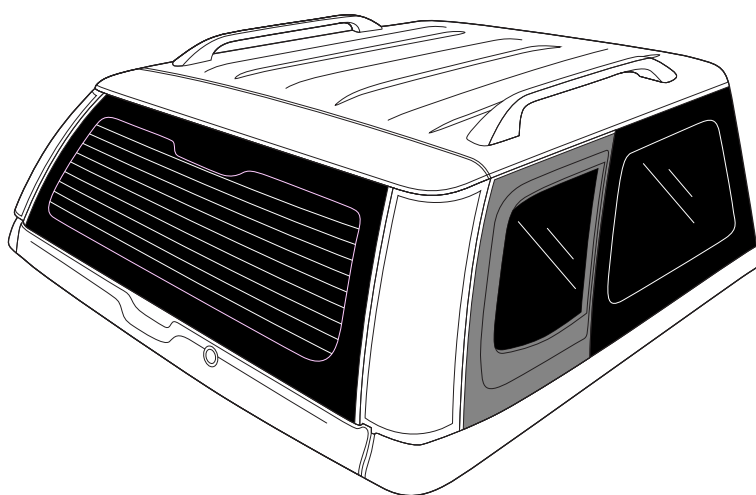
For Ford Ranger

Steel Canopy : SUV-Plus V4

Version 1.0

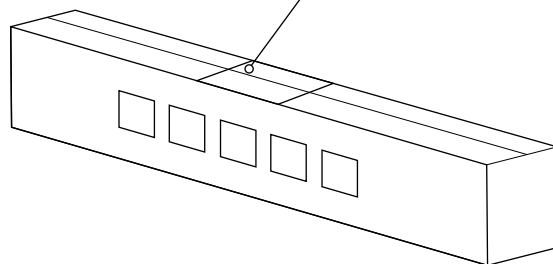
Part In Main Carton

P1: Steel Canopy SUV-Plus V4

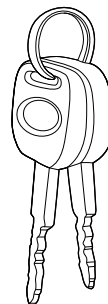


P2: Kit Box

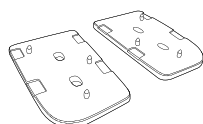
Part List Paper



P3: Key

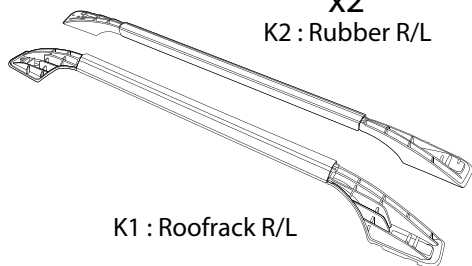


Kit Box

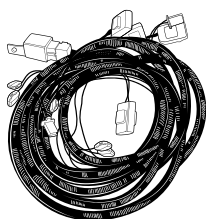


x2

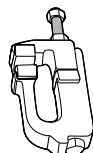
K2 : Rubber R/L



K1 : Roofrack R/L

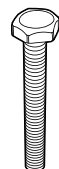


K3 : Wiring No.38



x4

K4 : C-Clamp



x8

K6 : Bolt M6



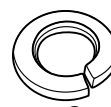
x8

K8 : Washer M6



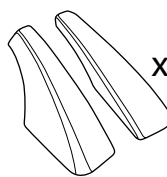
x8

K9 : Washer M8



x8

K10 : Spring Washer M6



x2

K5 : Roofrack Cover

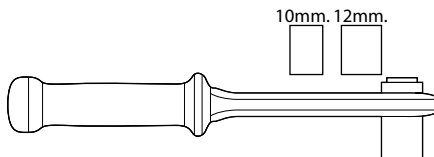


K7 : T Paint

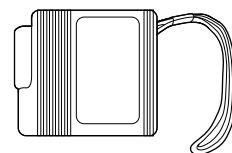
Tools



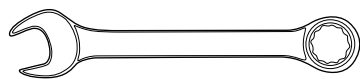
T1 : 13 mm. Wrench



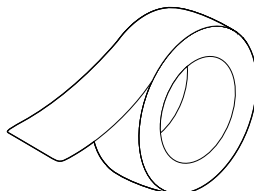
T3 : 10,12mm. Torque Wrench



T4 : Measuring Tape/Ruler



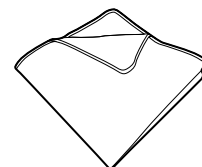
T2 : 10 mm. Wrench



T5 : Tape



T6 : Electric Tape

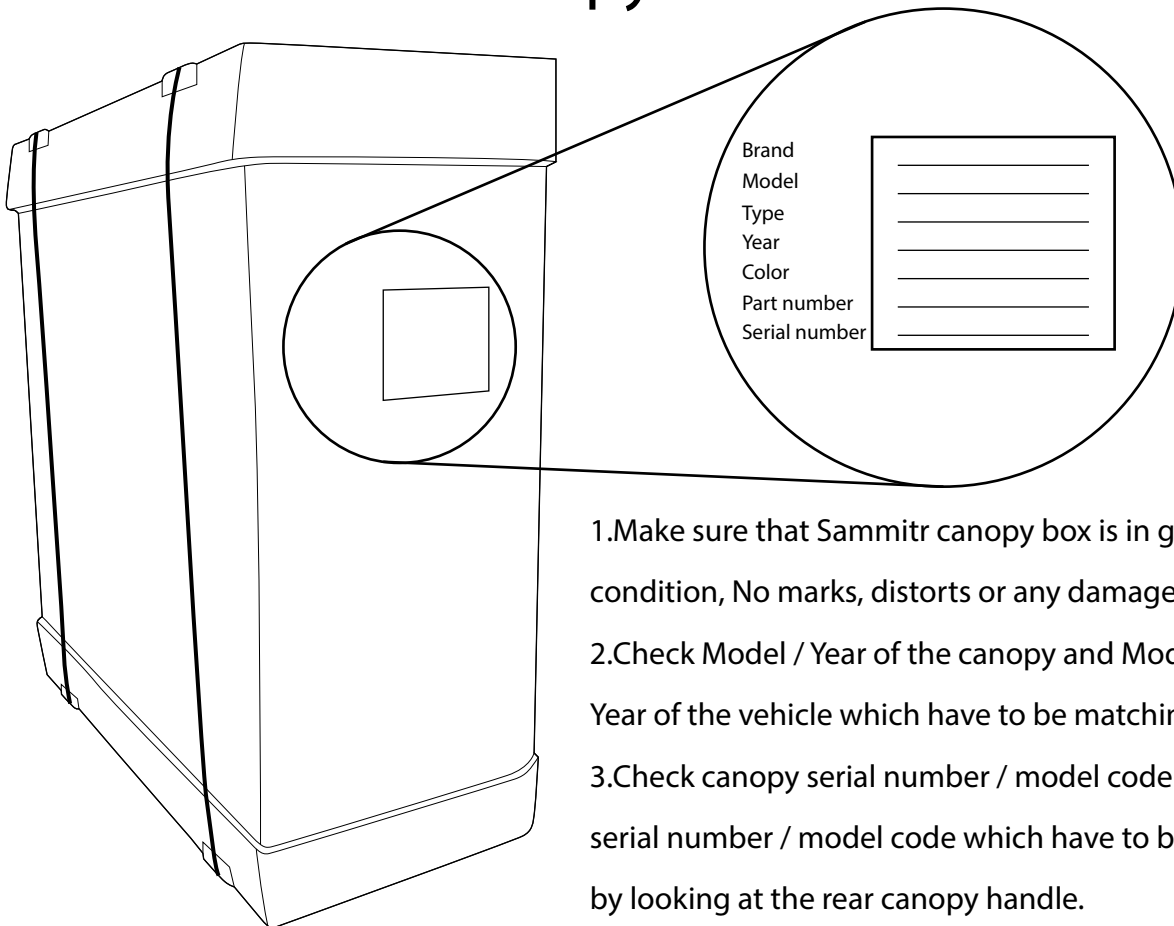


T7 : Fabric

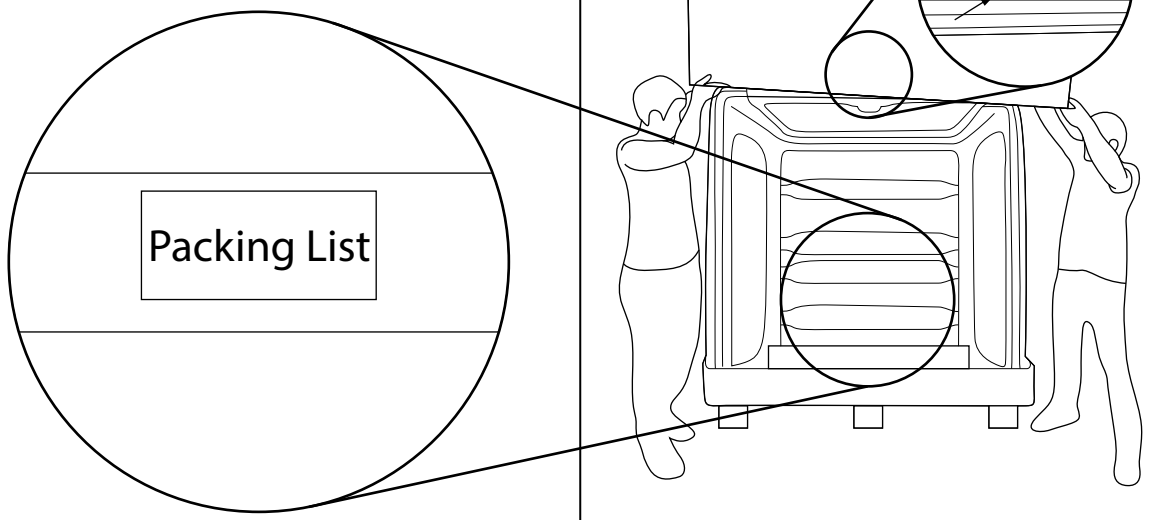


22

The Procedure of checking the Sammitr canopy box before installation.

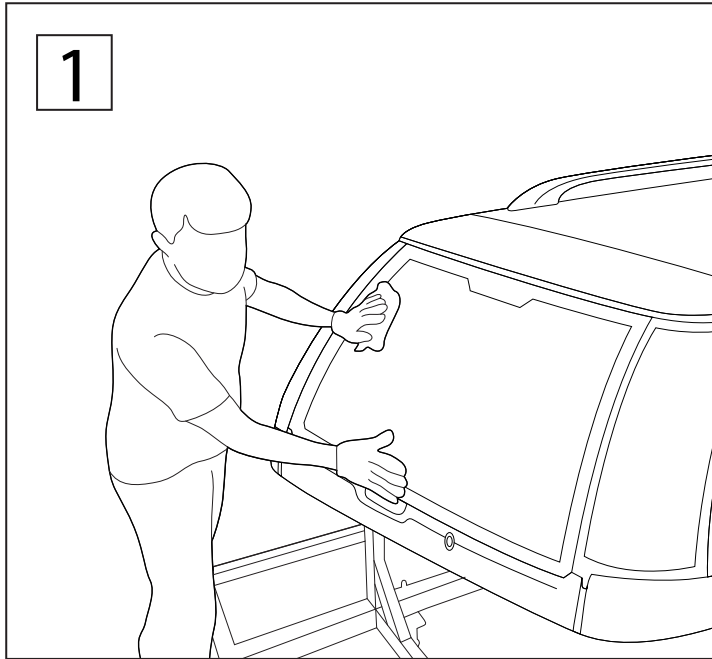


4. Check all the accessories received inside the box with the Packing List.

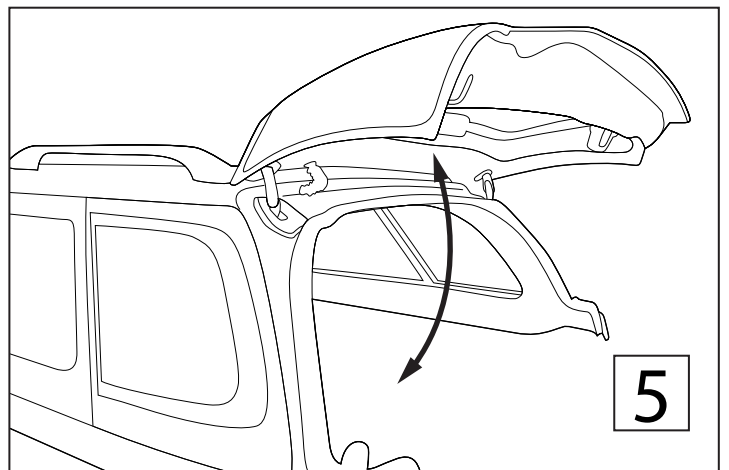
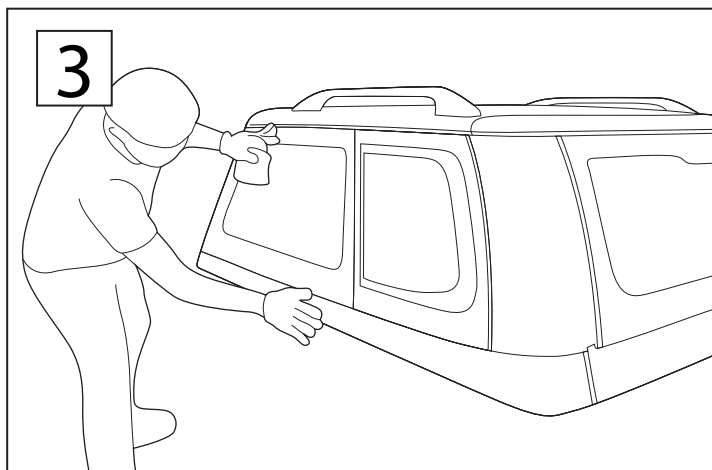
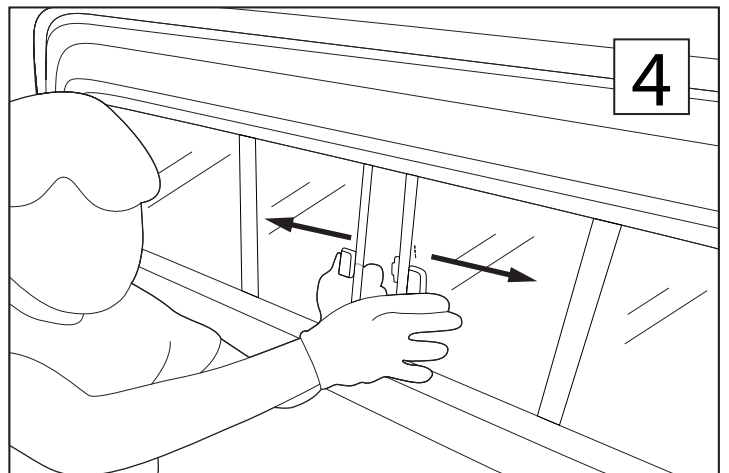
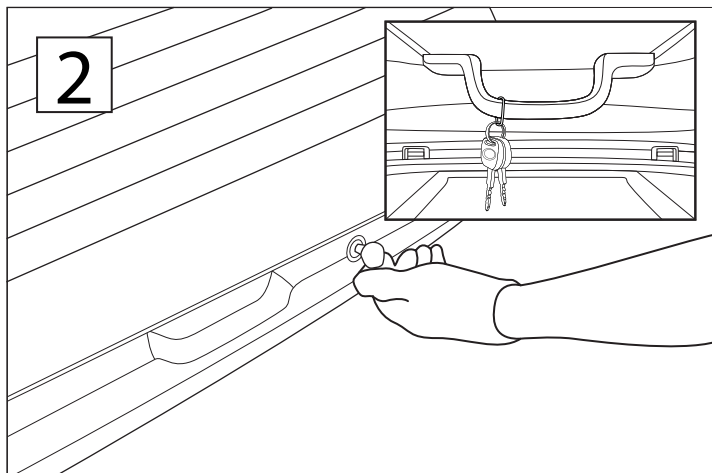




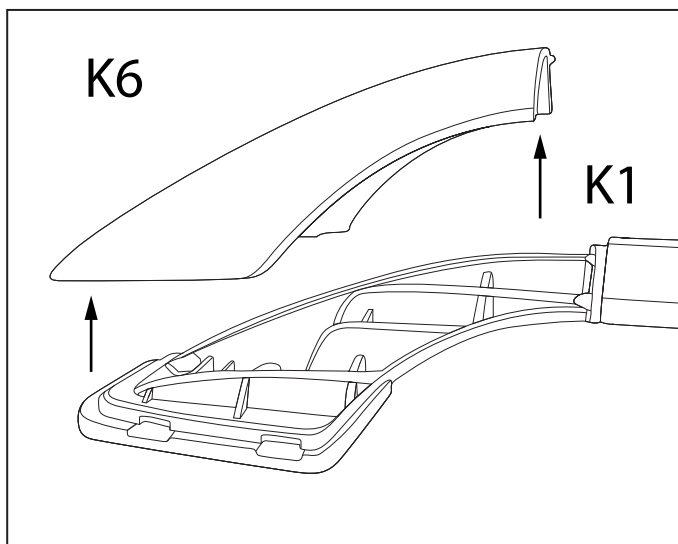
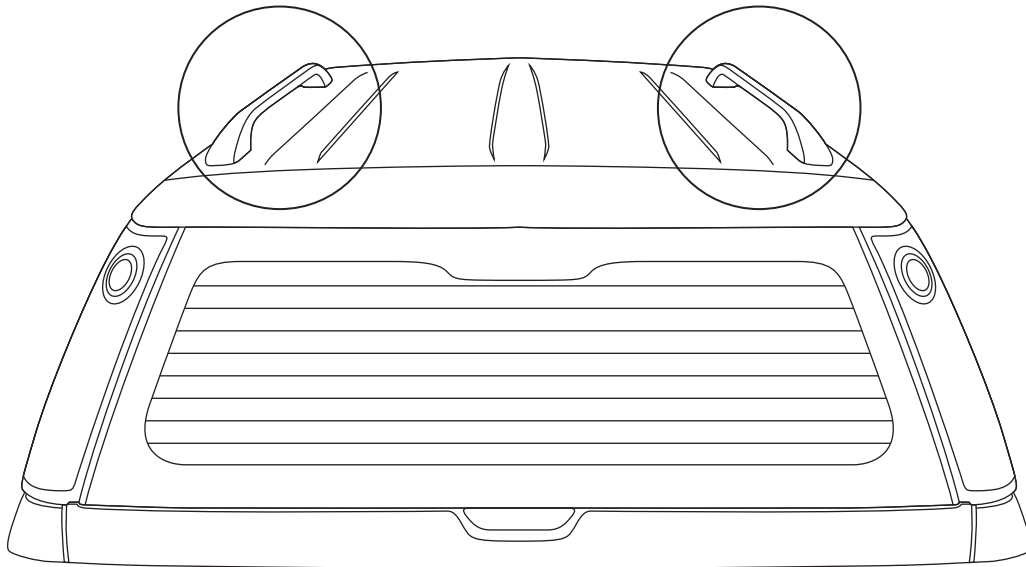
23 The preparation process of Sammitr Canopy SUV-Plus V4 model before installation with the vehicle.



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.

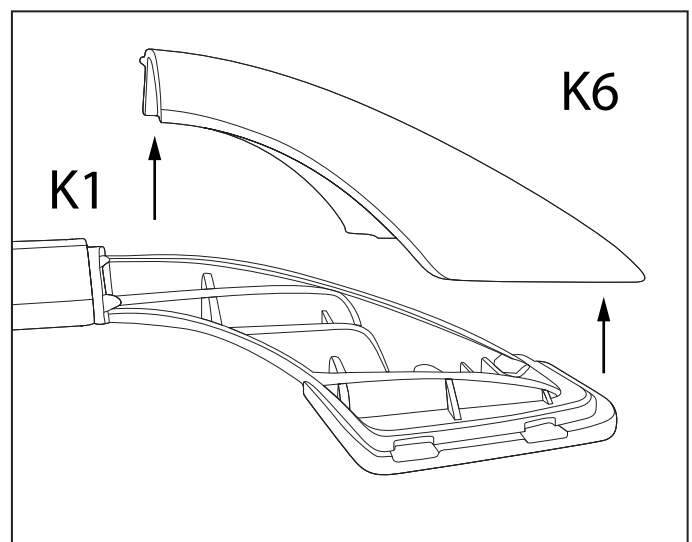


- 24 The process of Roof rack installation manual of the SUV-Plus V4 canopy before installs on the vehicle.



The process of remove the roof rack cover on the SUV-Plus V4 canopy in order to install nuts.

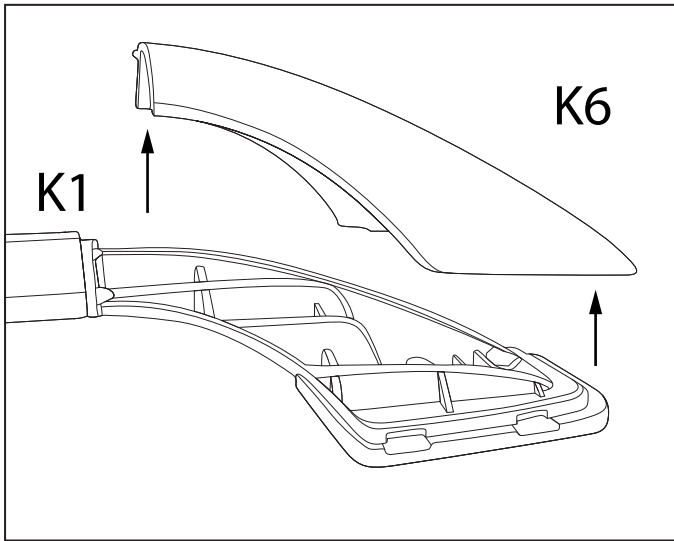
Roof rack Front Part
Rear Left



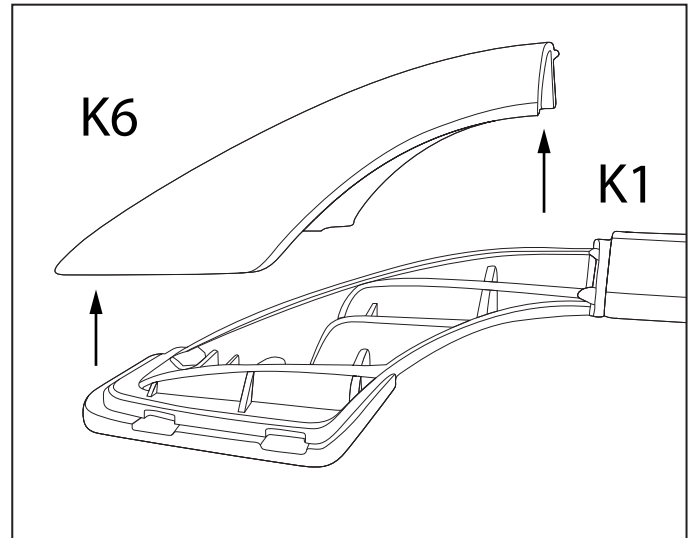


25

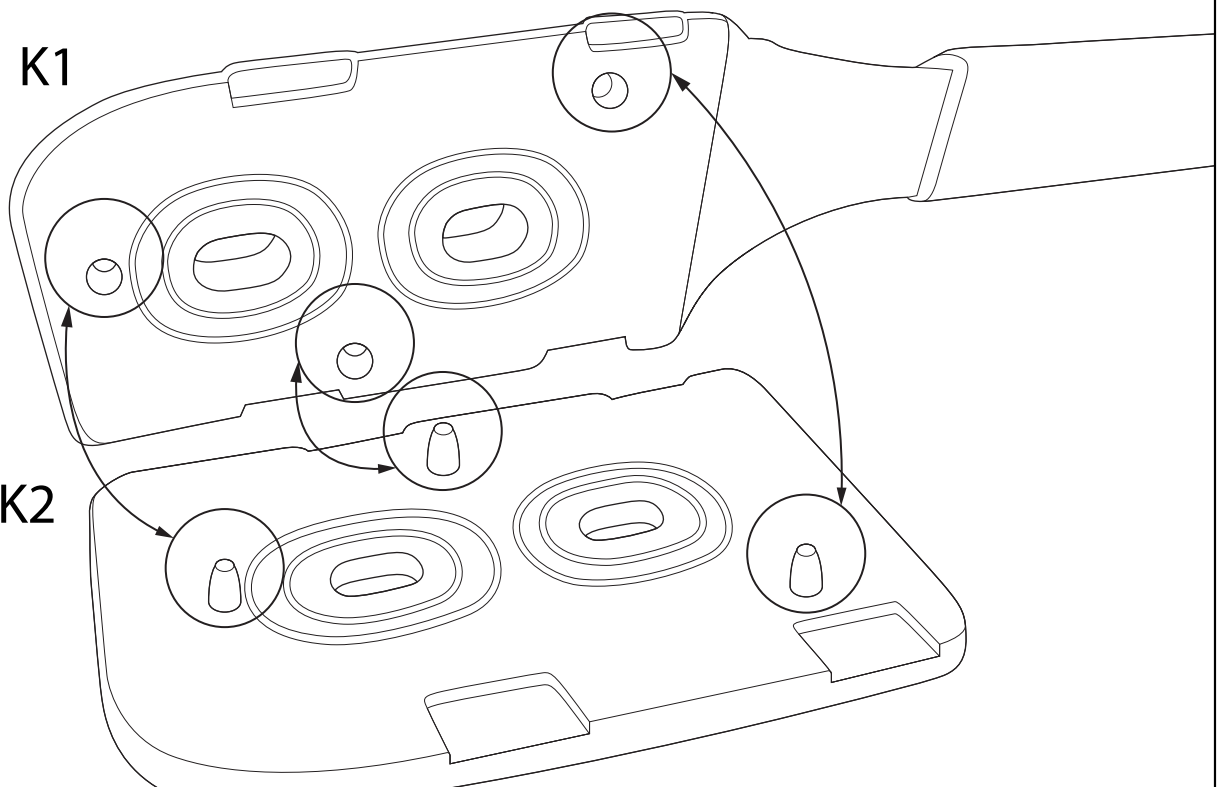
Roof rack Front part Rear Right.



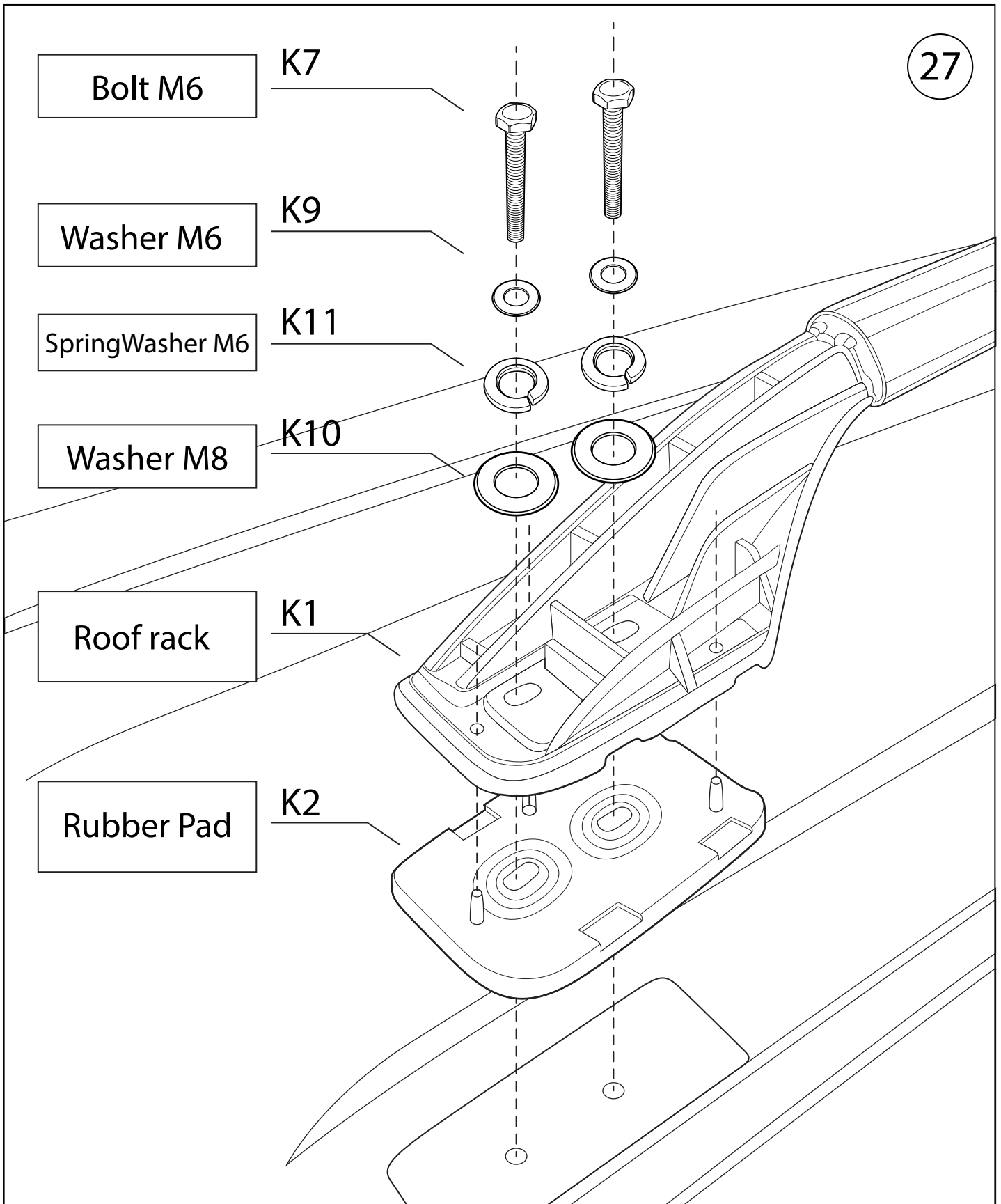
The process of remove the roof rack cover on the SUV-Plus V4 canopy in order to install nuts.



26



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



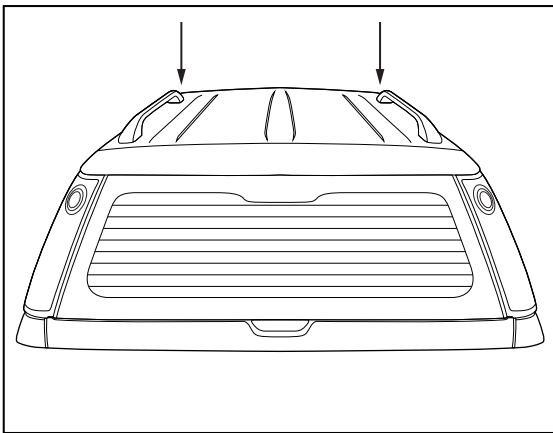
The process/step of install Roof rack accessories on the SUV-V4 canopy, all 4 points.



28

T3

Tighten Roof rack bolts at the front part of the canopy.

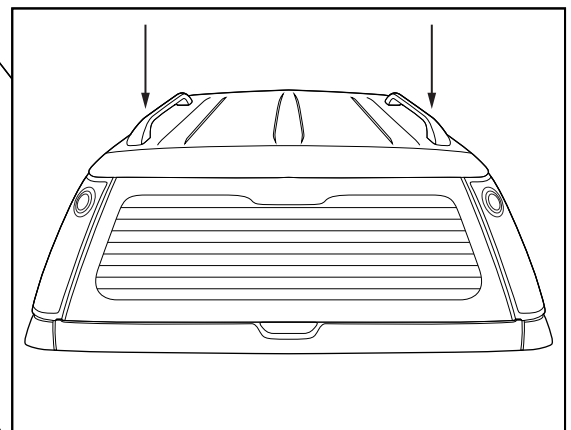


Tightening
Roof Rack
bolts at 9 Nm
with the
Pound Wrench.

T3

Tighten Roof rack bolts at the Rear part of the canopy.

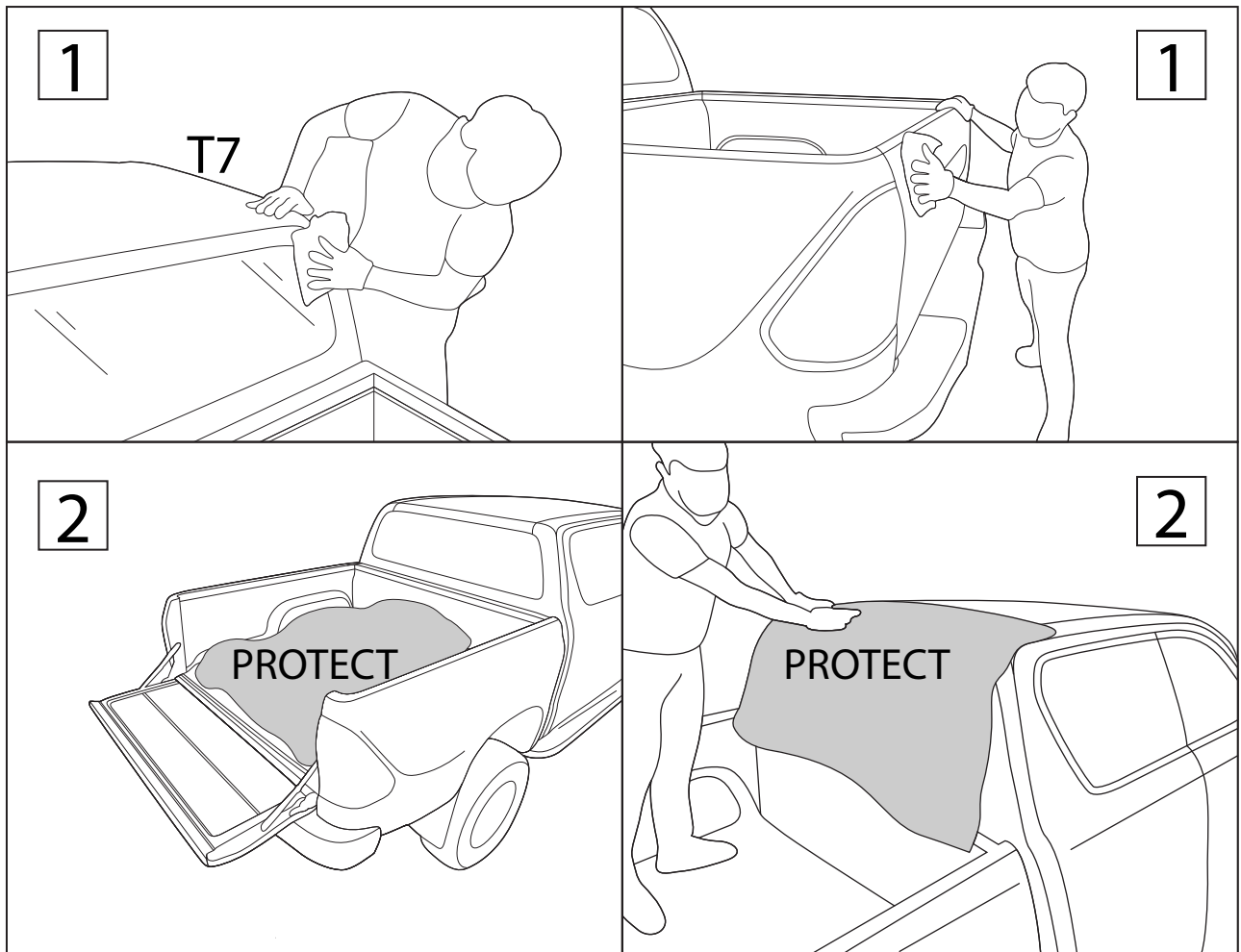
Tightening
Roof Rack
bolts at 9 Nm
with the
Pound Wrench.



29

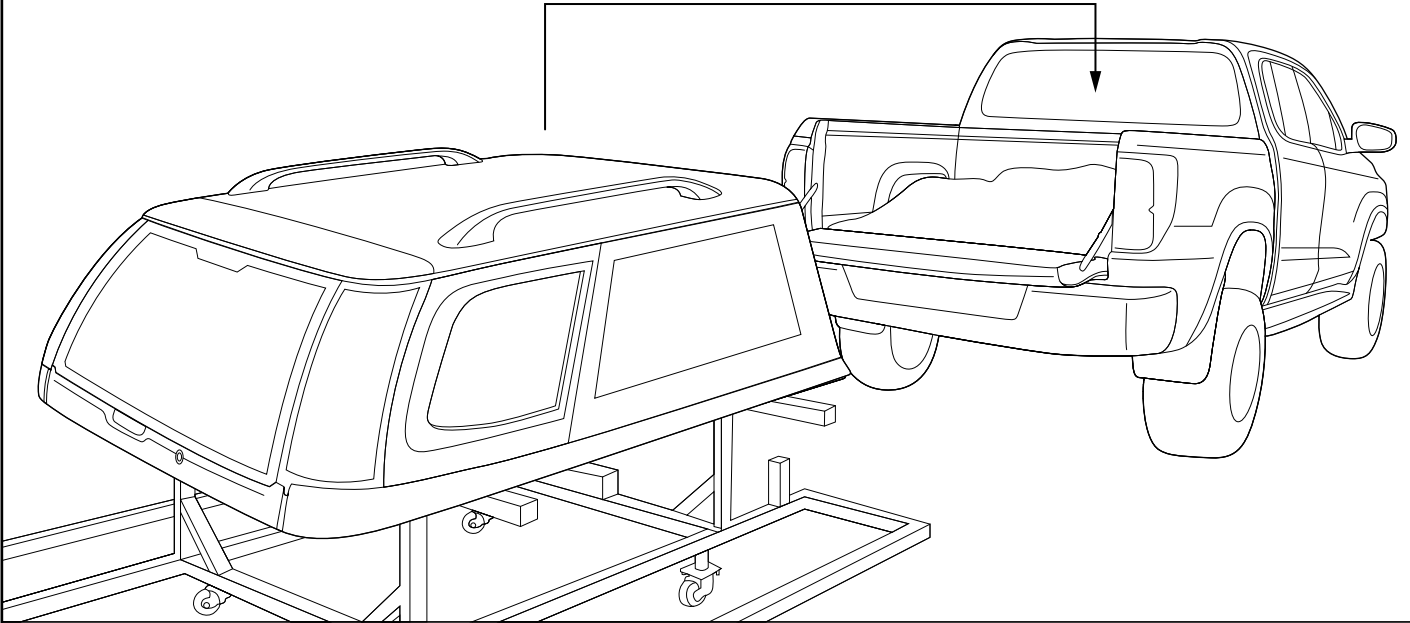
The process of checking and preparing the Ford Ranger vehicle before install the canopy.

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

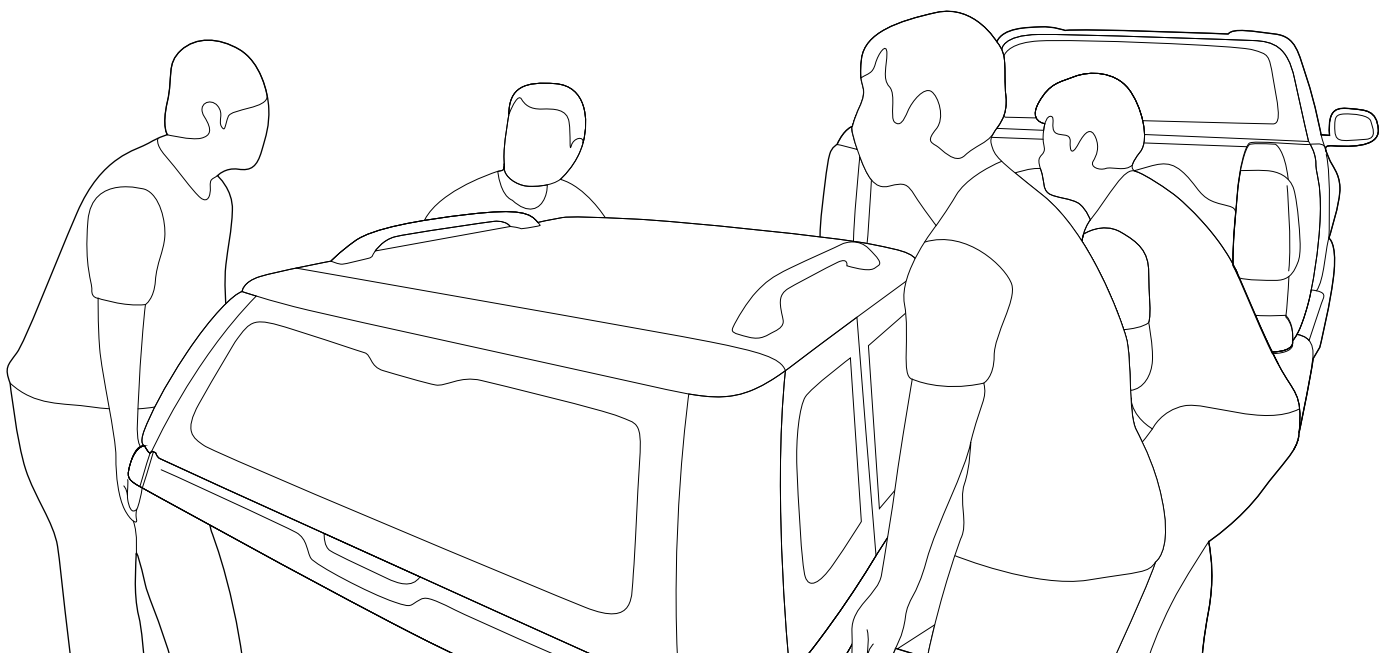




- 30 The process of preparing Sammitr Canopy SUV-Plus V4 model before install on the vehicle.



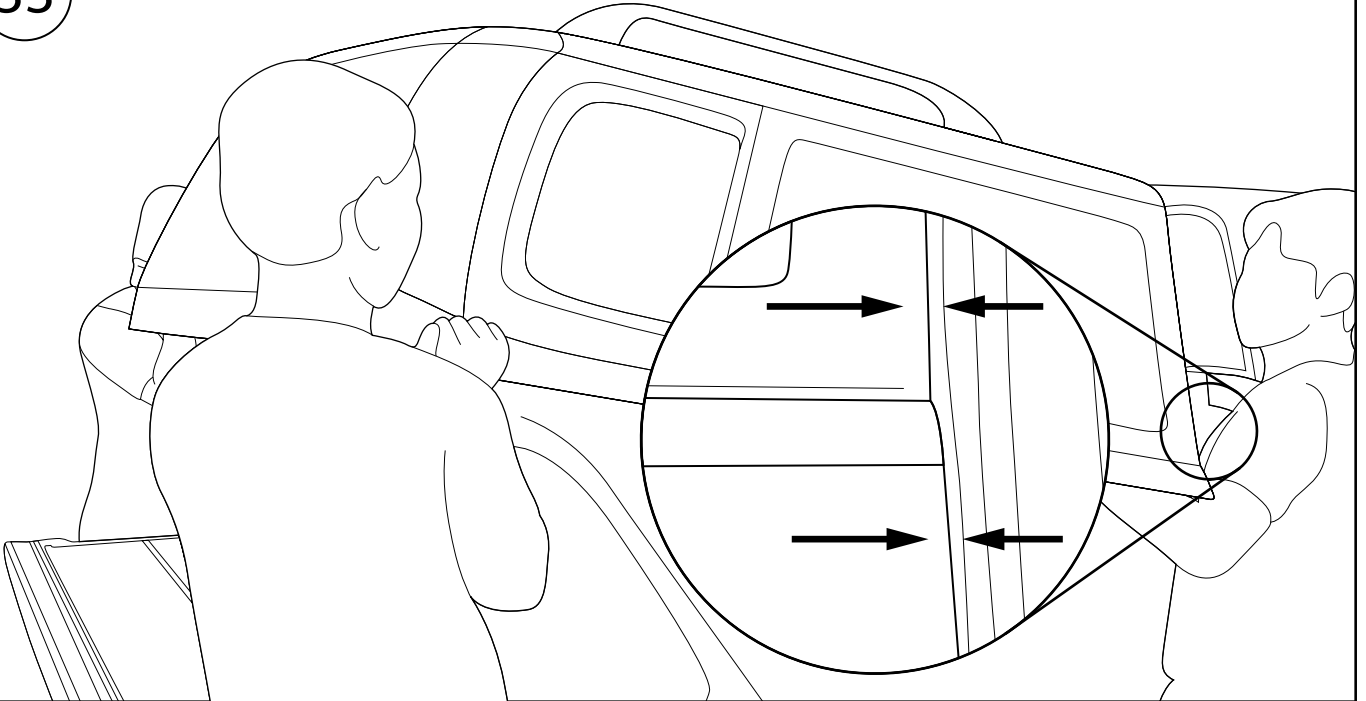
- 32



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

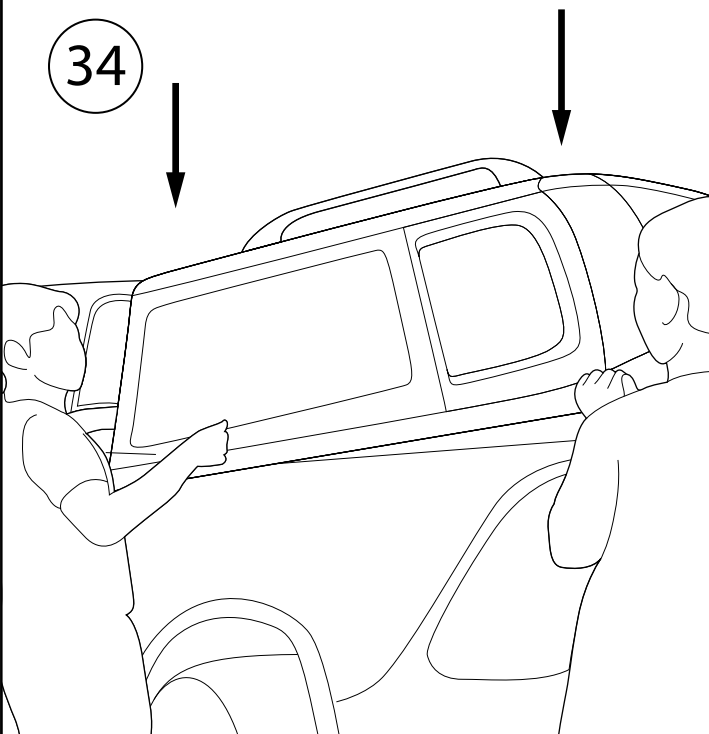


33



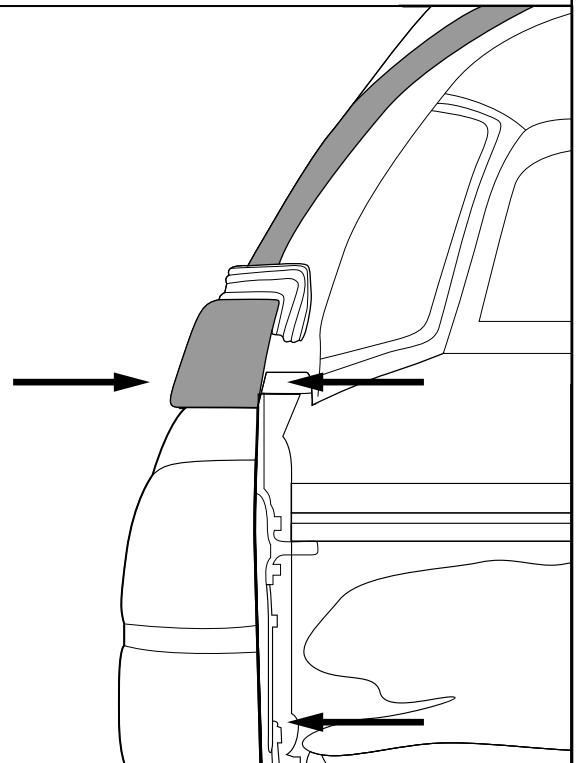
Lift canopy over the pick up truck by rising the rear part higher and the front part to be in the parallel with the edge of the vehicle tub.

34



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

35

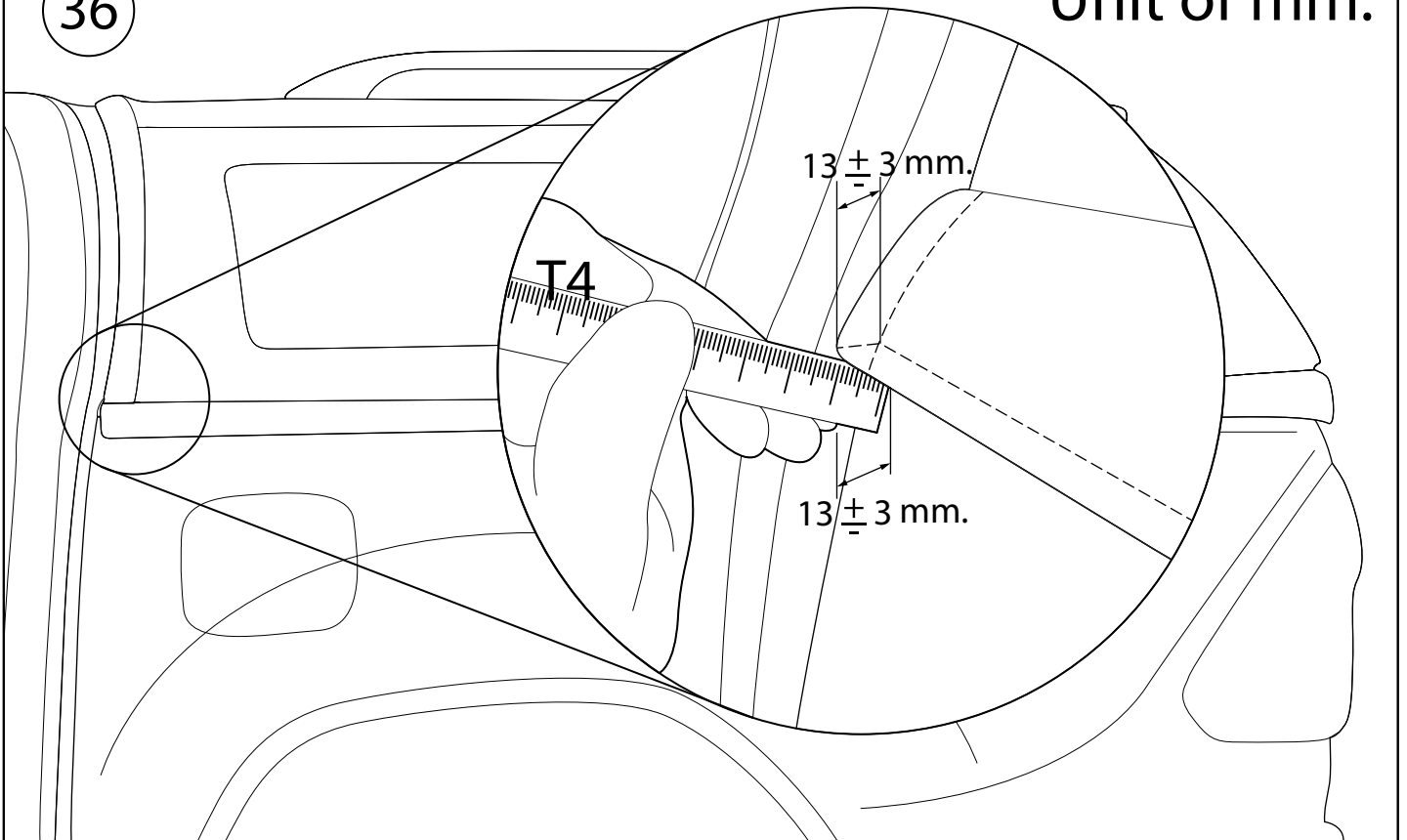


Make sure the distance between canopy edge and vehicle rear tub are equivalent both left and right sides.



36

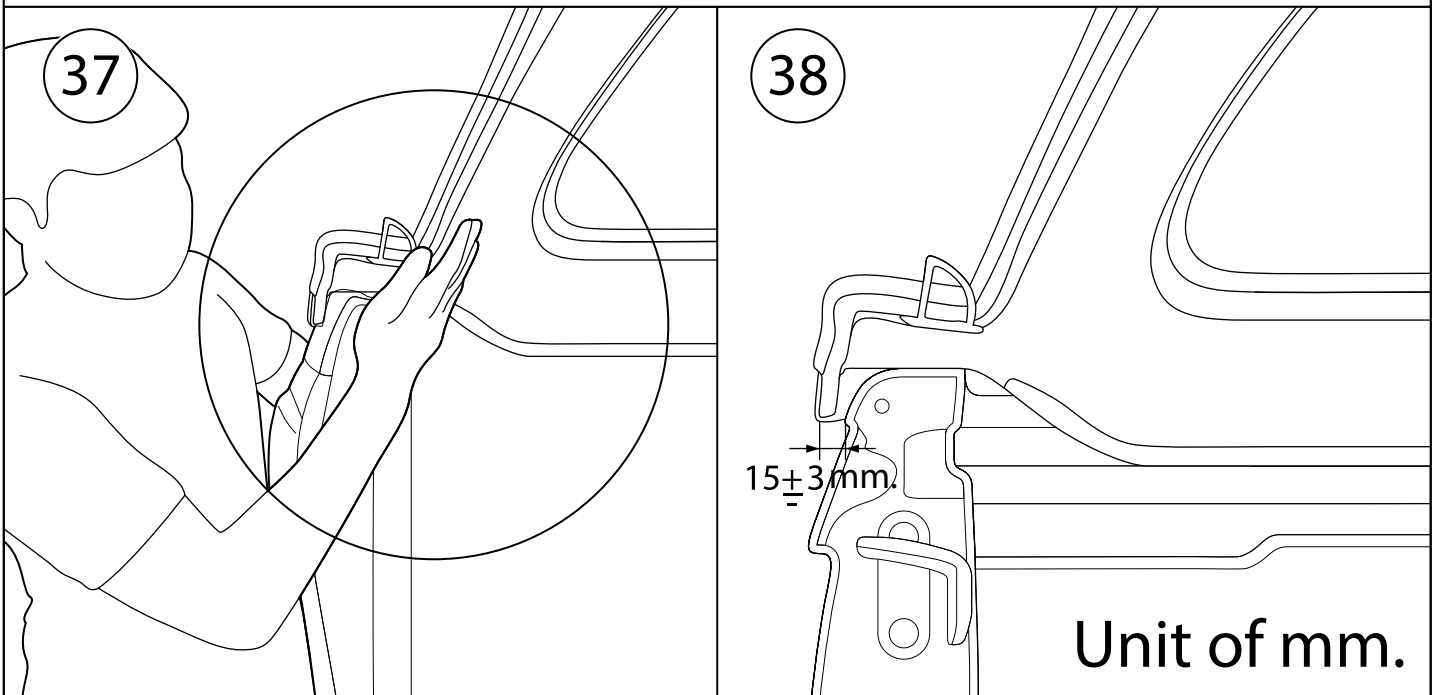
Unit of mm.



Measure the distance between canopy coverrail and the vehicle, to have the 13 ± 3 mm distance in overall.

37

38



Unit of mm.

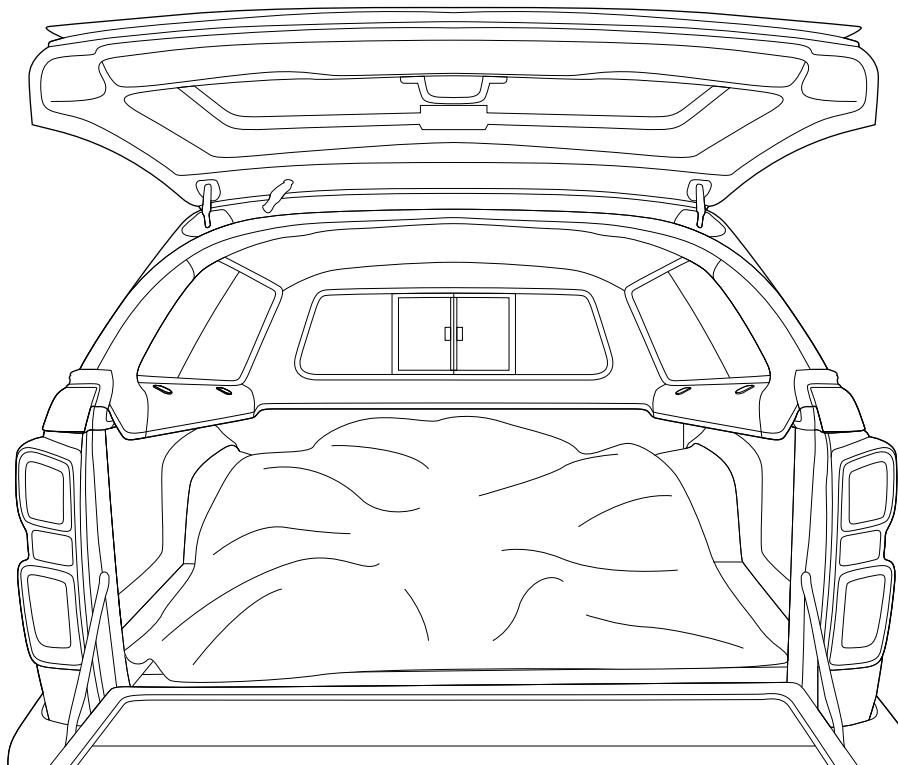
After finished measure the front part, check the distance at rear part of canopy which must have the distance of 15 ± 3 mm.



39

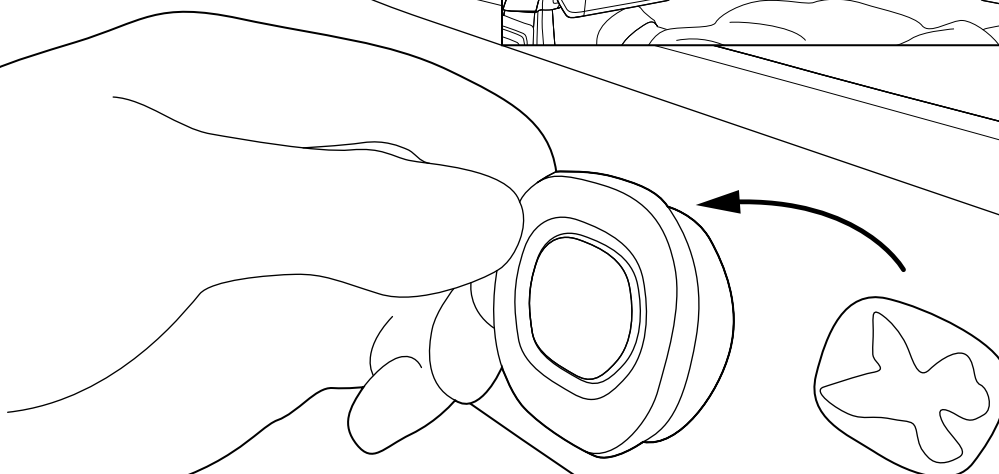
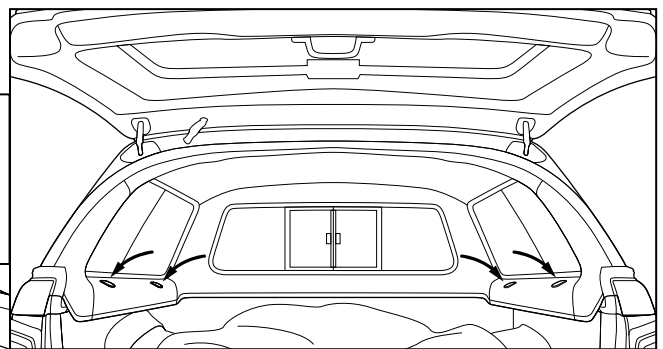
C-Clamp installation steps

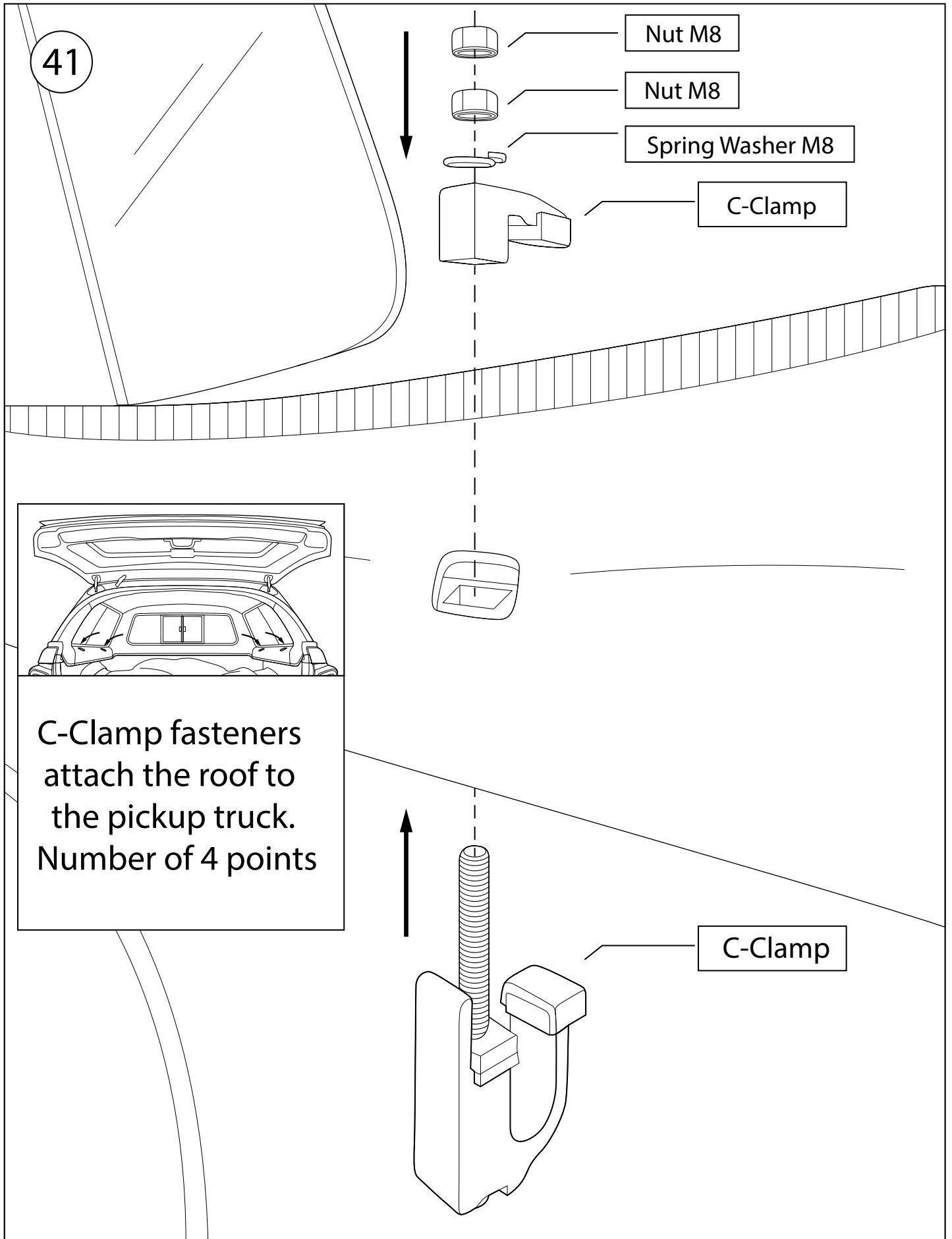
To attach the SUV-Plus V4 metal roof to the vehicle.



40

Open the roof rubber cover.

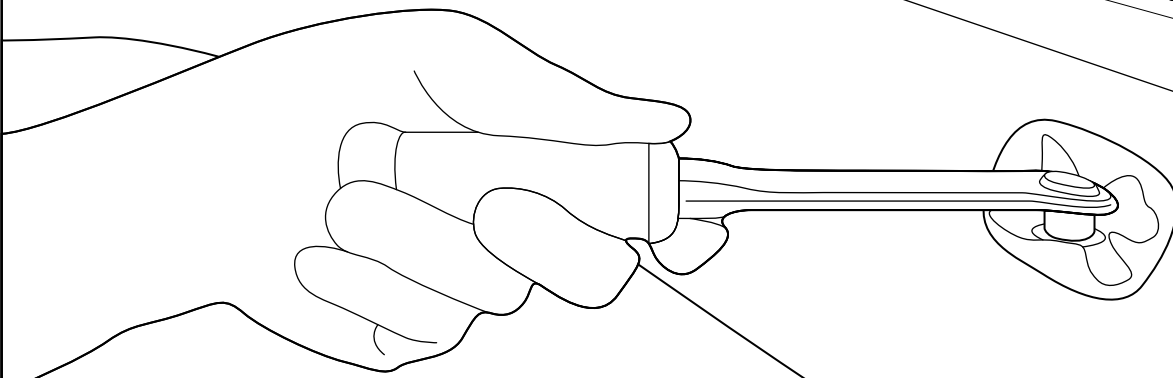
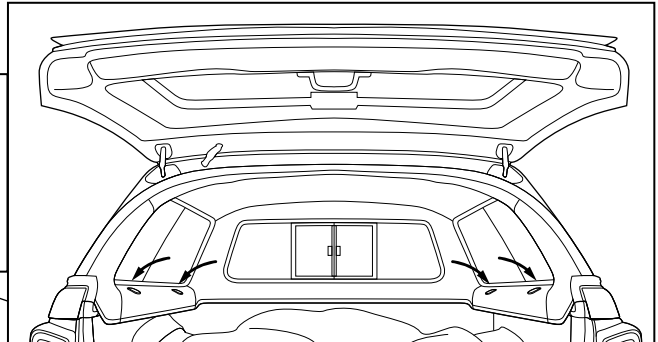






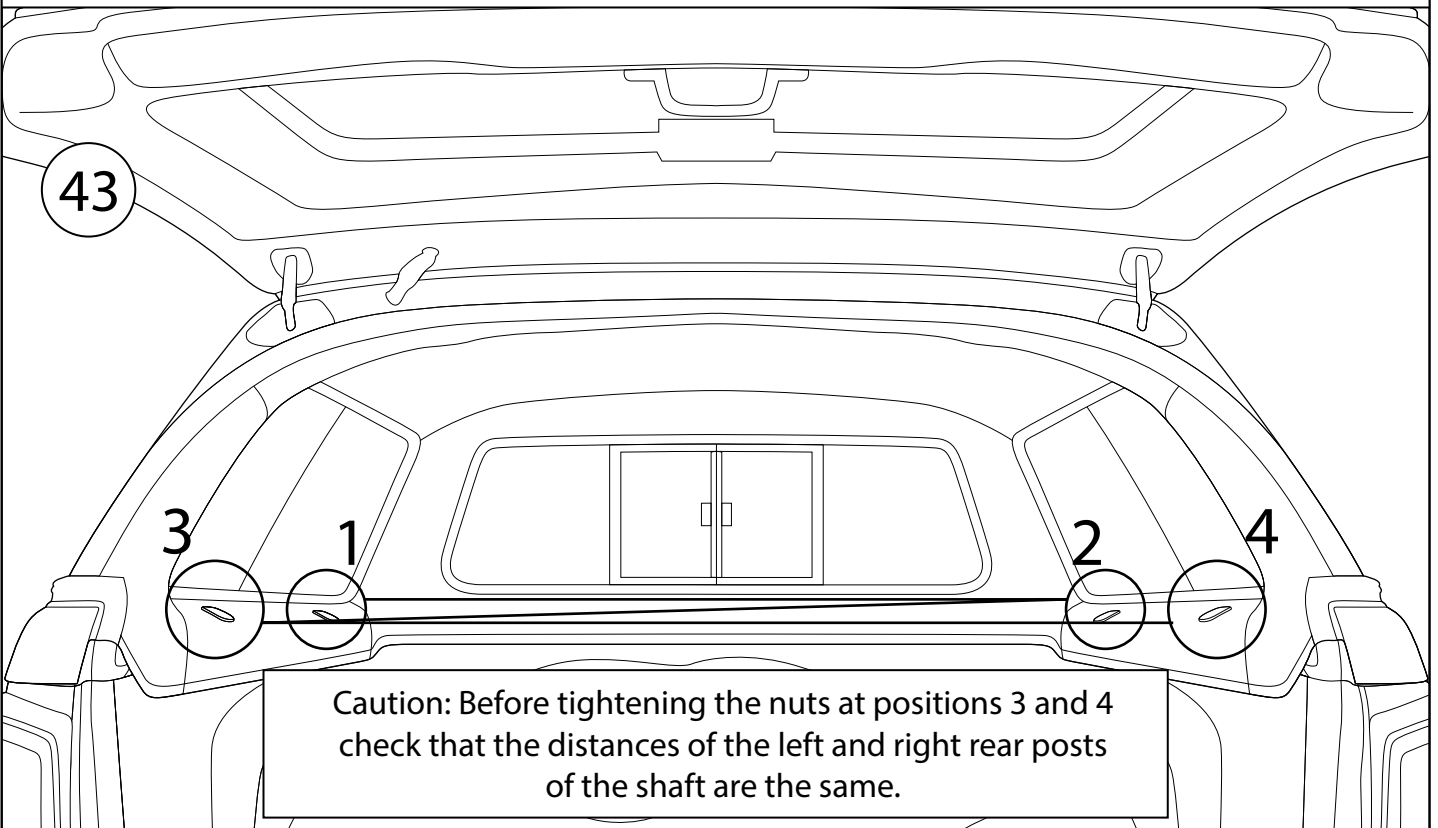
42

Tighten the C-Clamp nut using a torque wrench.
Using a tightening force of 16 Nm.



Tighten the C-Clamp nuts to attach the roof to the pickup truck at all 4 points

43



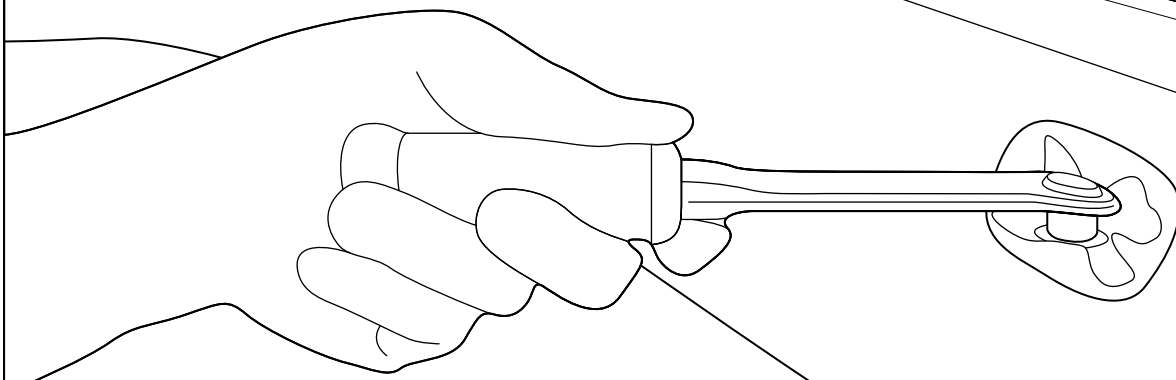
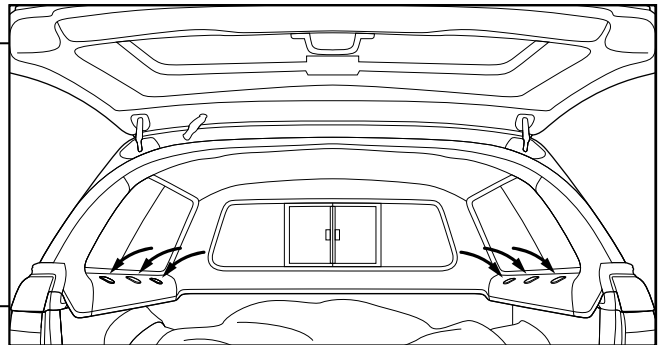
Caution: Before tightening the nuts at positions 3 and 4 check that the distances of the left and right rear posts of the shaft are the same.

The order of tightening the C-Clamp nuts to attach the roof to the pickup truck.



44

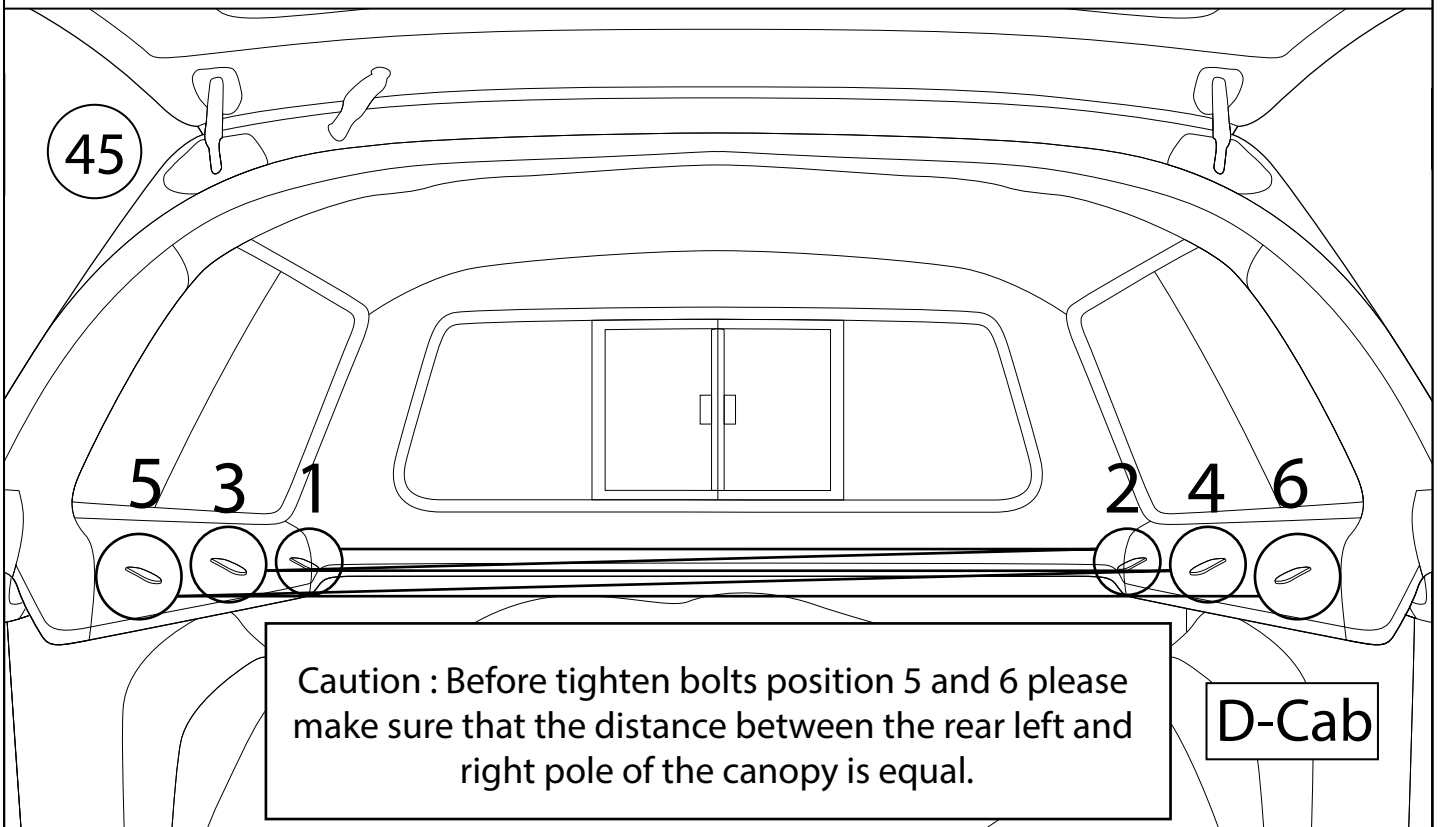
Tighten bolts of c-clamp by using pound wrench, with the pressure of 16 Nm.



C-Cab

Tighten canopy C-Clamp bolts with vehicle all 6 positons.

45



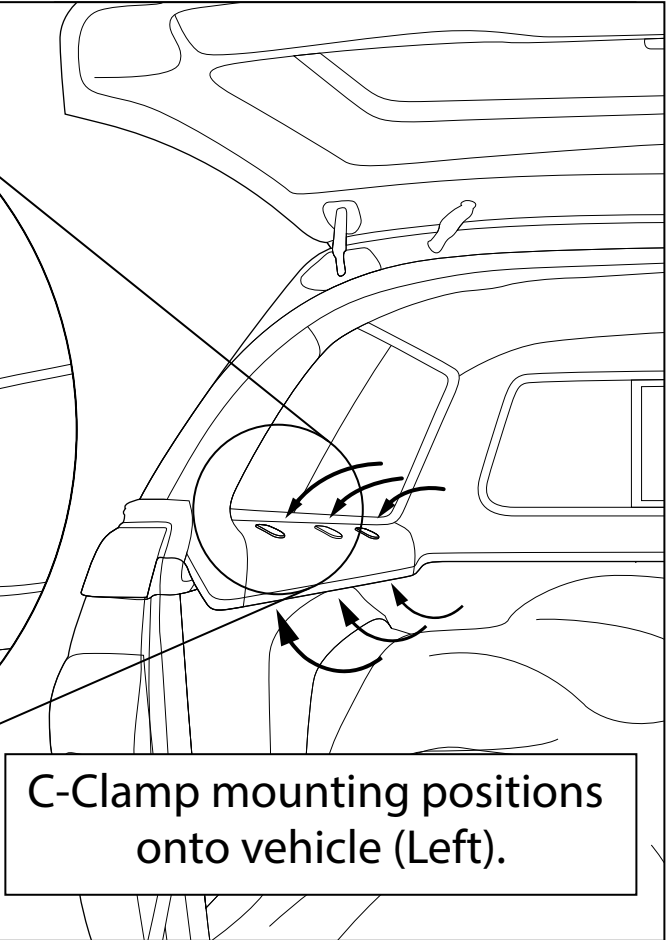
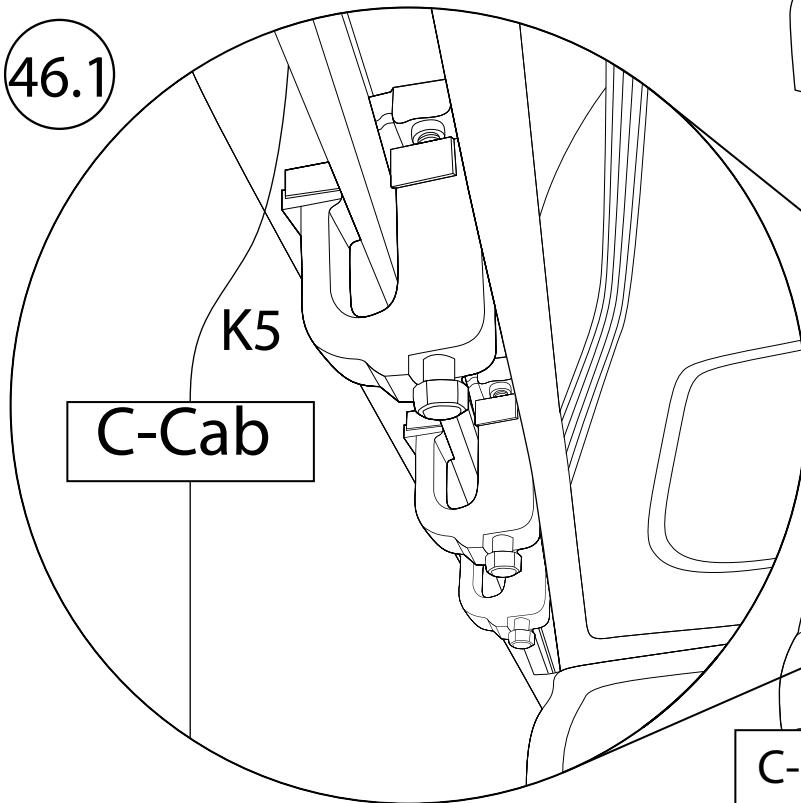
Caution : Before tighten bolts position 5 and 6 please make sure that the distance between the rear left and right pole of the canopy is equal.

D-Cab

Steps of canopy C-Clamp bolts tightening onto vehicle.

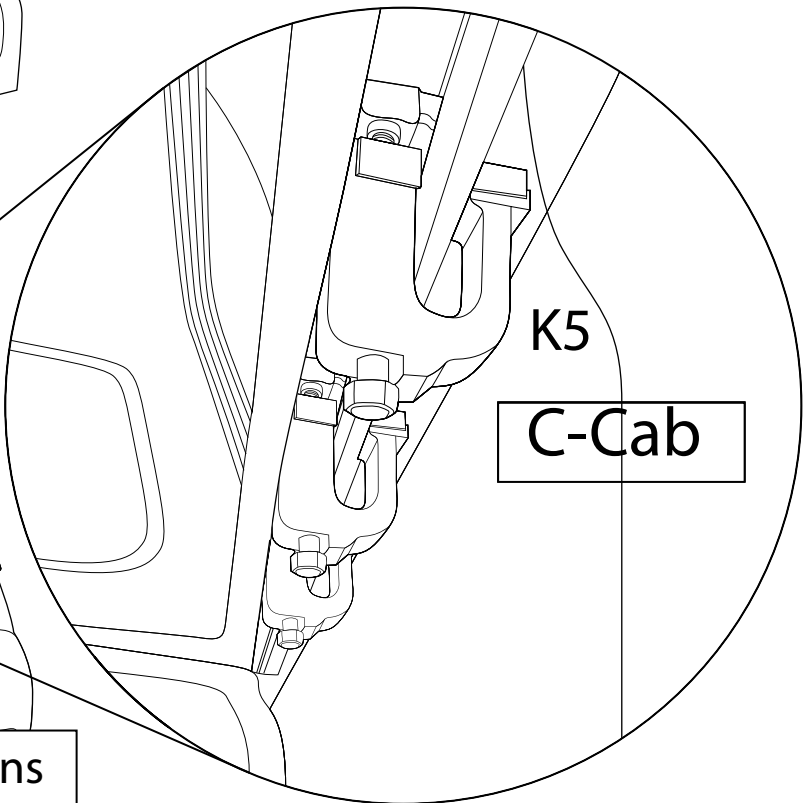
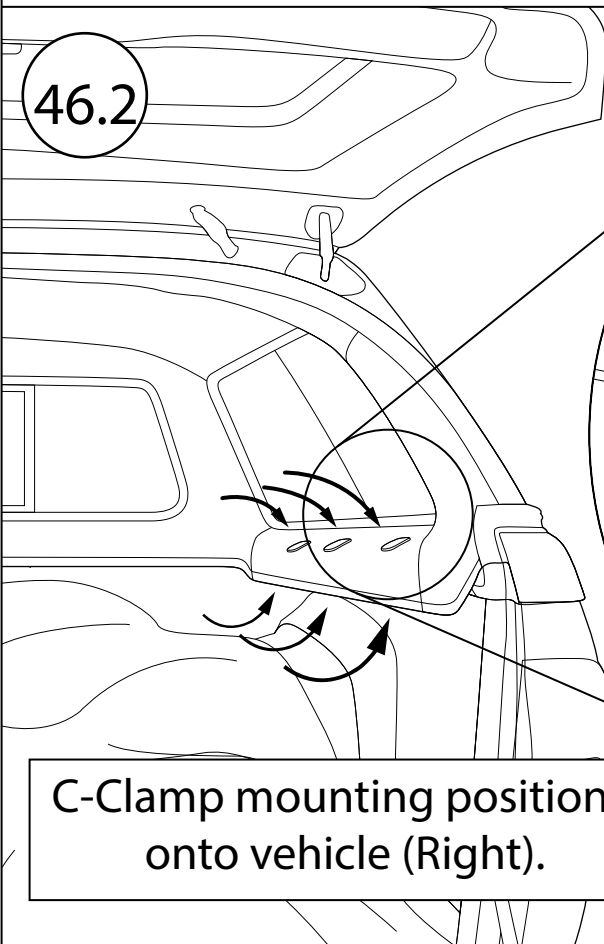


46.1



C-Clamp mounting positions onto vehicle (Left).

46.2



C-Clamp mounting positions onto vehicle (Right).



47.1

K5

D-Cab

C-Clamp mounting positions
onto vehicle (Left).

47.2

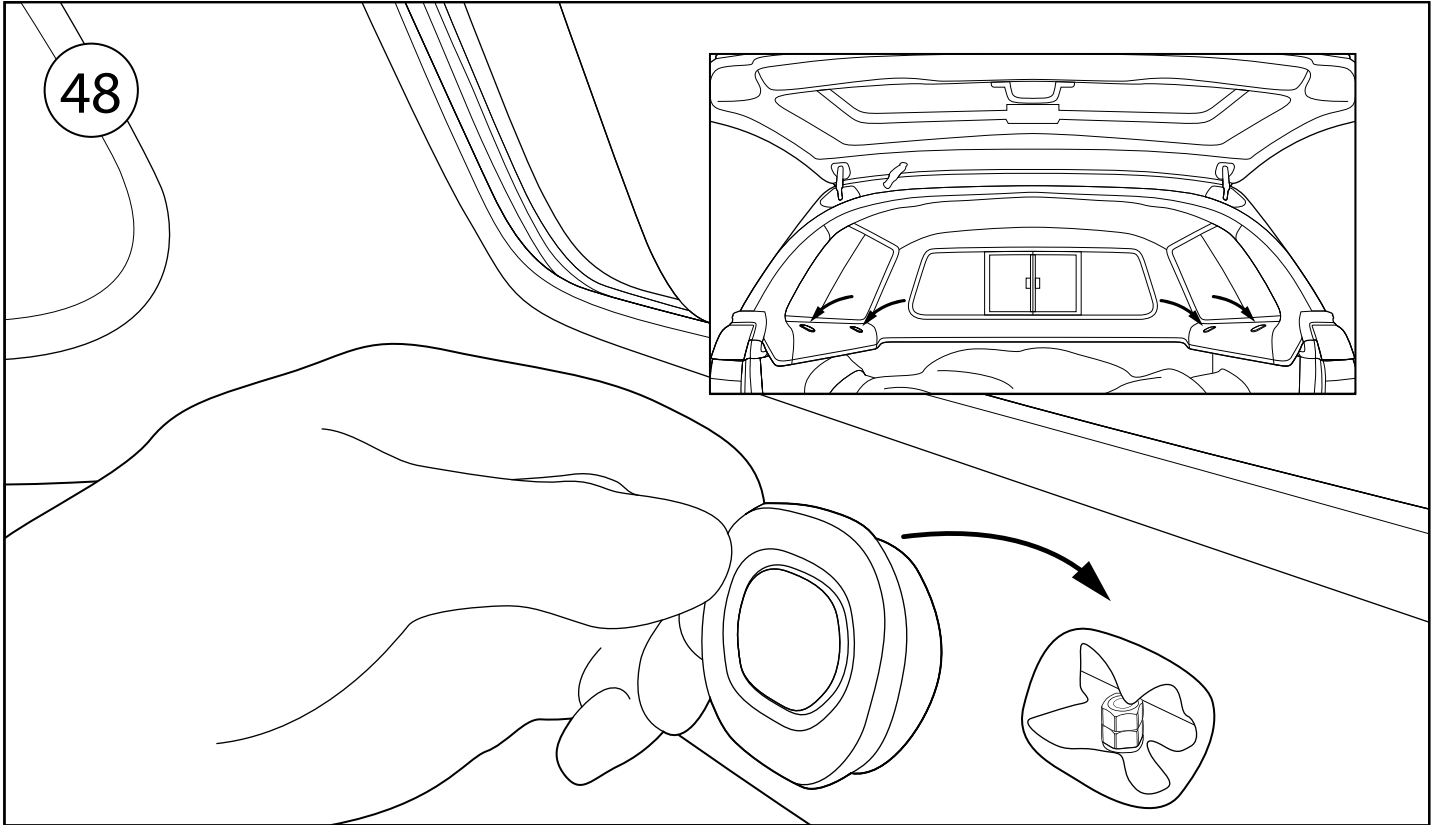
K5

D-Cab

C-Clamp mounting positions
onto vehicle (Right).

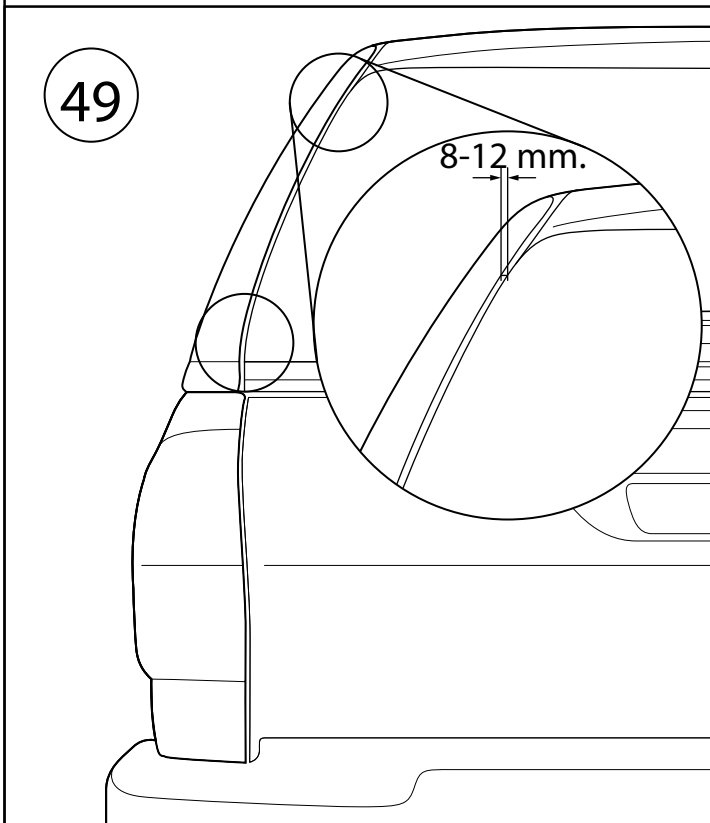


48



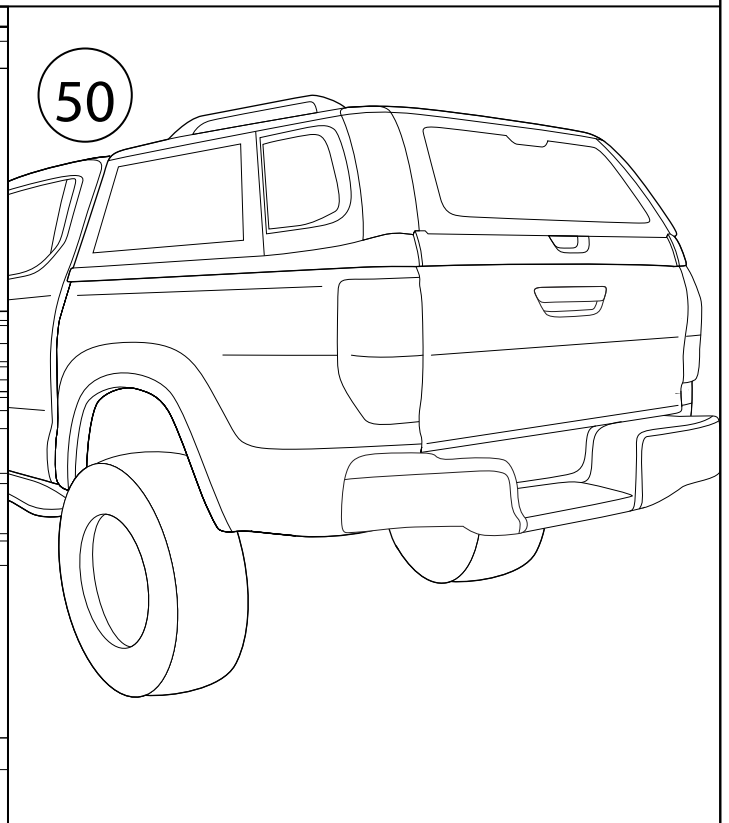
Close the rubber plug.

49



8-12 mm.

50



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.