



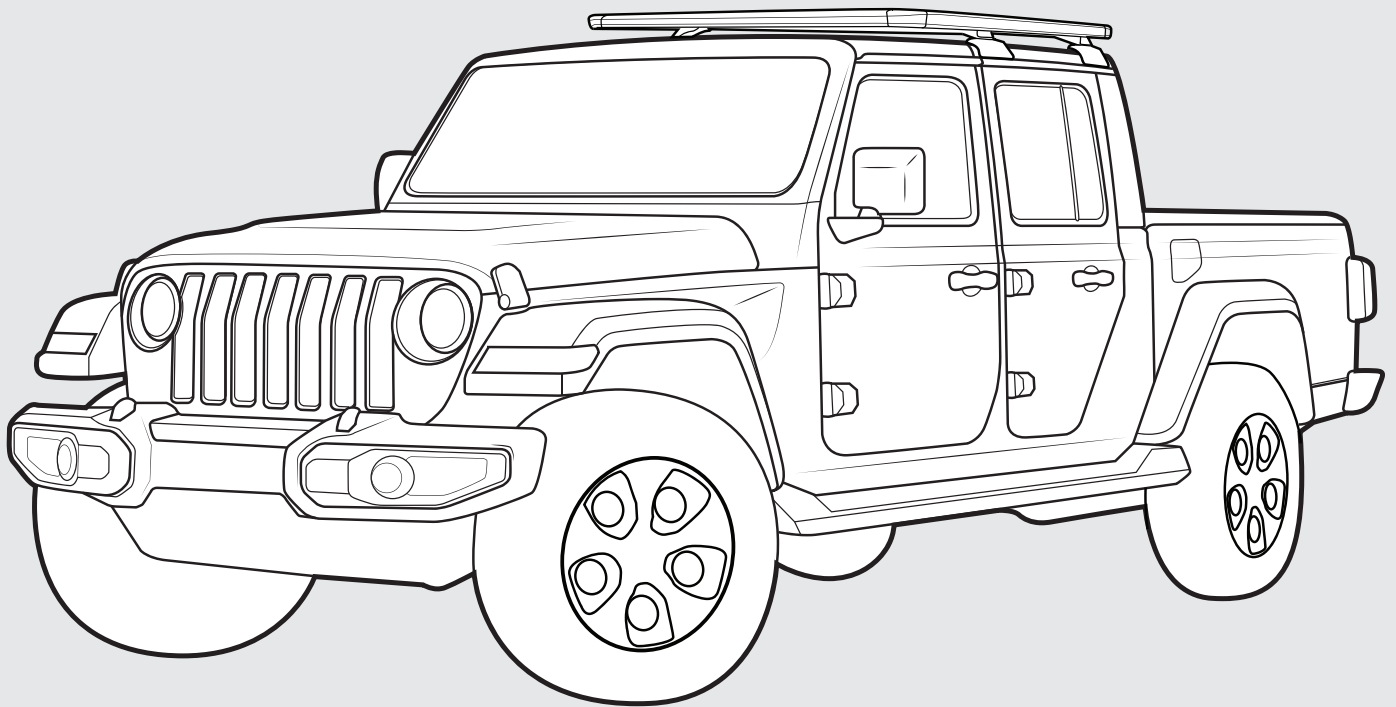
RHINO-RACK

Jeep JT Gladiator Backbone - RJTB1

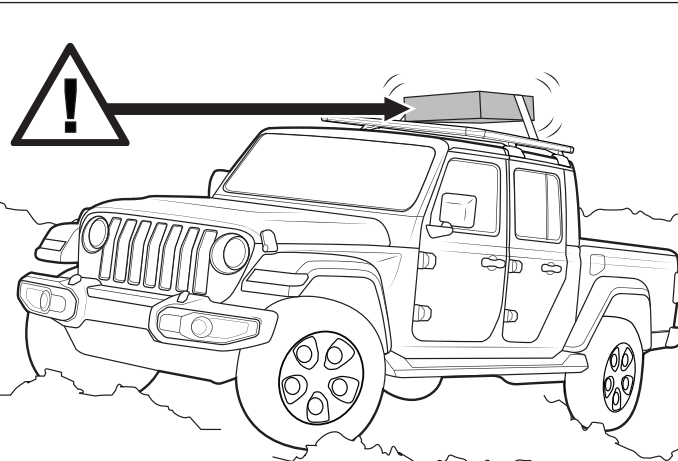
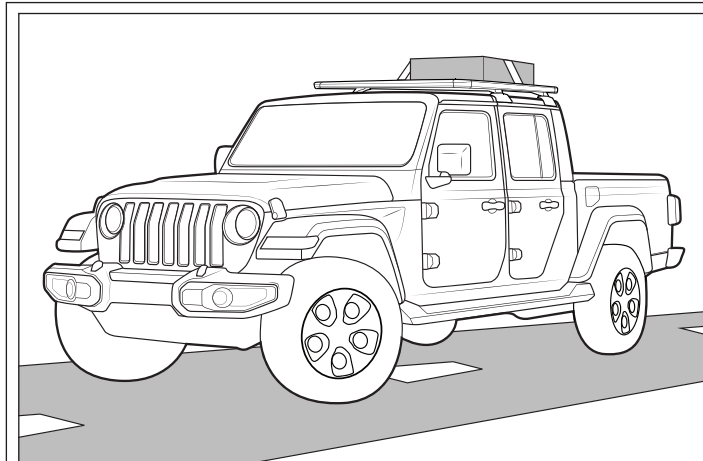
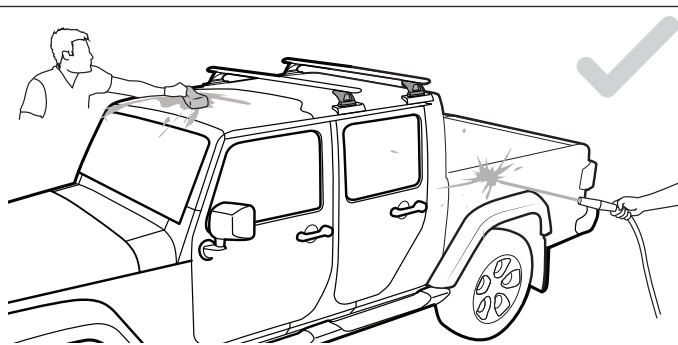
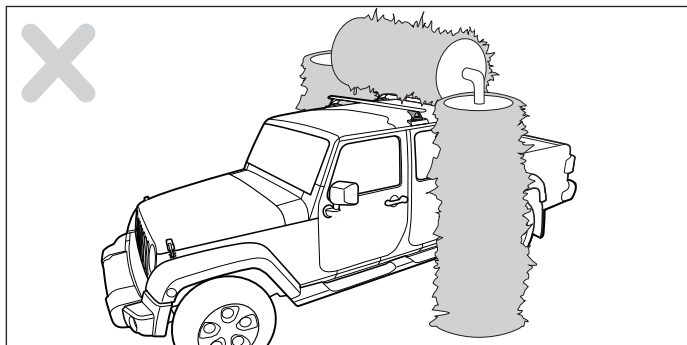
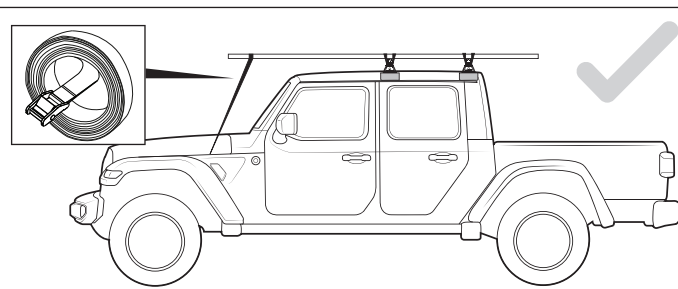
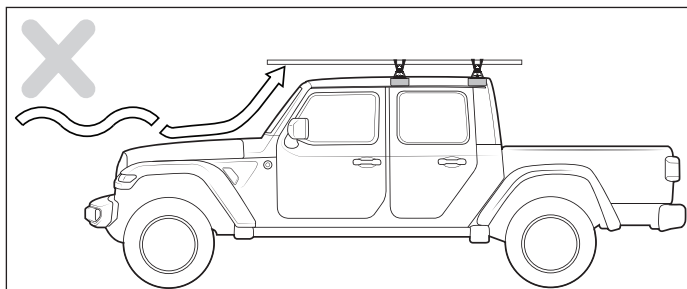
Important:

1. Check the Rhino-Rack website to ensure you have the latest issue of these instructions.
2. Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.
3. Check the contents of kit before commencing fitment and report any discrepancies.
4. Place these instructions in the vehicle's glove box after installation is complete.
5. These instructions must be followed for warranty to be upheld.

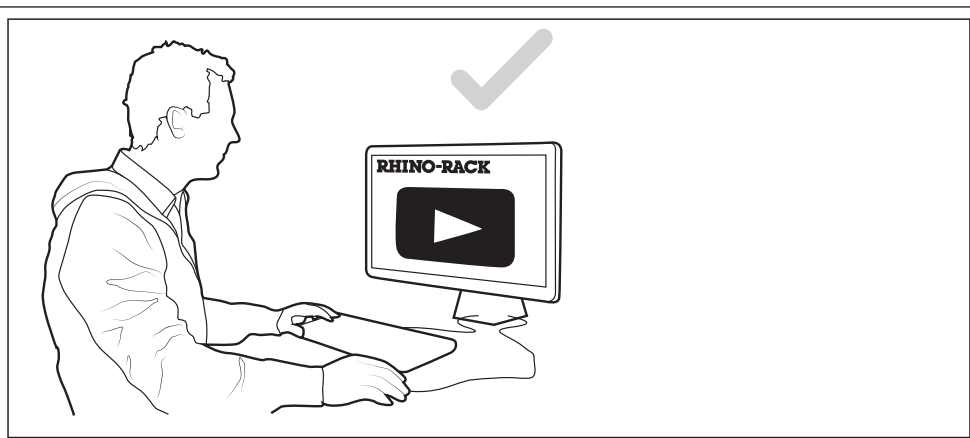
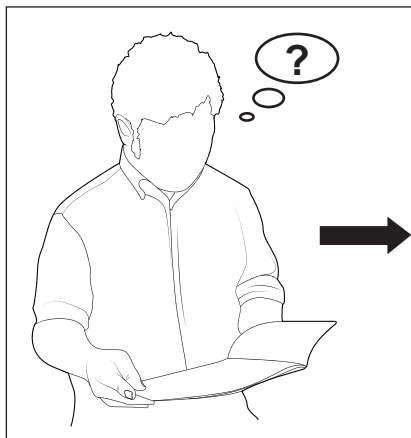
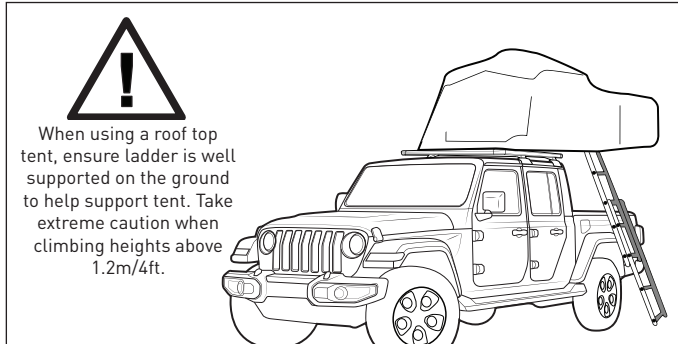
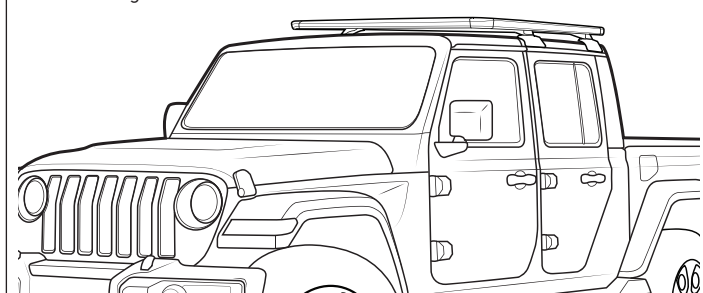
Fit Time: 180 min



Jeep Gladiator Backbone



System weight - 8.4kg/18.5lbs.
[Refer to Page 3]



Jeep Gladiator Backbone

Carrying Capacity

System weight - 8.4kg/18.5lbs.

Backbone system maximum carrying capacity -100kg/220lbs (66kg/ 145lbs offroad).

Check your vehicle owners hand book for **vehicle maximum carrying capacity**. Please ensure you use the vehicle manufacturers maximum roof allowance if it is lower than the figure listed in this instruction. Load must be evenly distributed over the system.

Torque Settings

Unless stated otherwise in these instructions, all fasteners should be set to the following torque settings - M6: 4-5Nm (3-4lbs/ft), M8: 8-10Nm (6-7.5lbs/ft) and M10: 16-18Nm (12-13lbs/ft).

Warning

- Check part number/ or kit is correct for use with your vehicle.
- Do not attempt to fit the rack system to your vehicle unless you fully understand these fitting instructions. Please direct any questions regarding fitting to the dealer from where the roof racks were purchased.
- Although the system is tested and approved to AS1235-2000 / ISO 11154, off-road conditions can be much more rigorous. Extreme care must be taken in off road conditions.
- Roof racks must be removed when vehicle is put through an automatic car wash.
- With utility vehicles, the cabin and the canopy move independently. Roofracks and vehicle can be damaged if the item transported is rigidly fixed at points on both the cabin and canopy. Instead, rigidly fix to either the cabin roofracks or the canopy roofracks.
- Always ensure you fasten your load securely.
- Use only non-stretch fastening ropes or straps to attach cargo to your load.

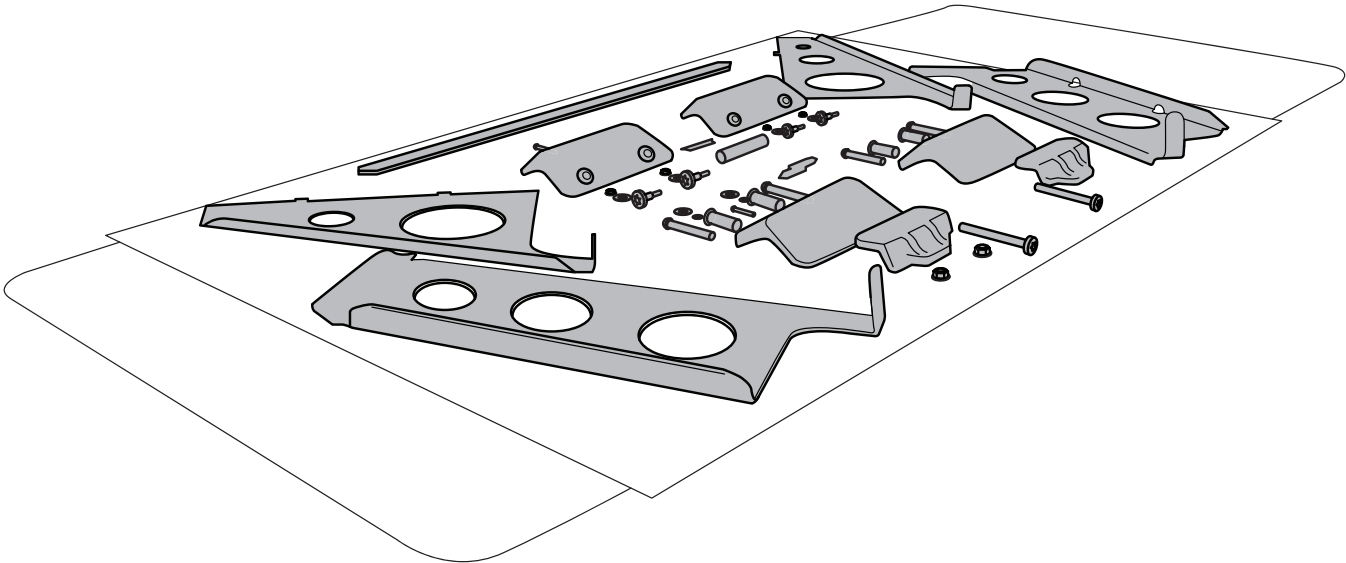
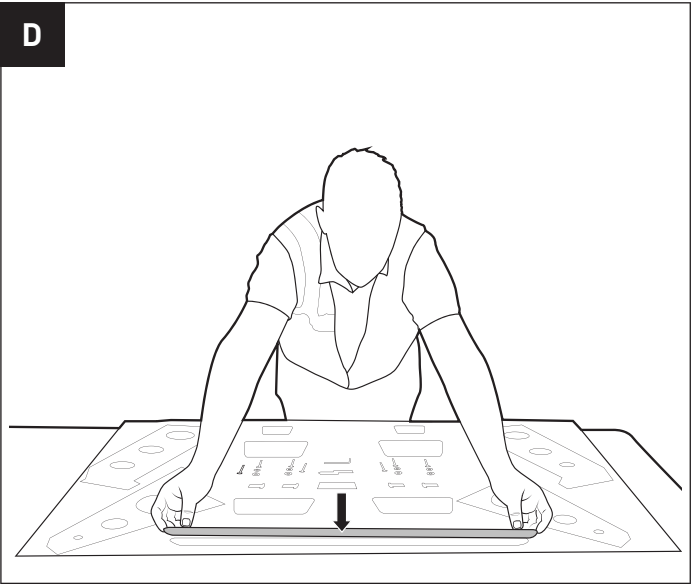
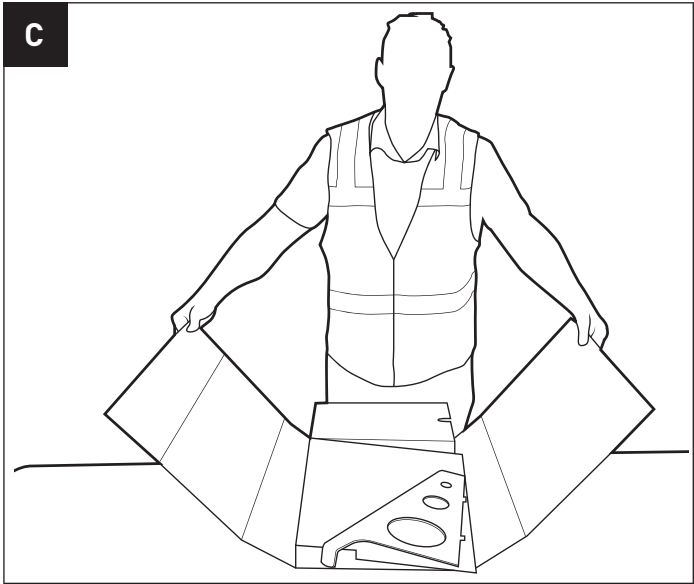
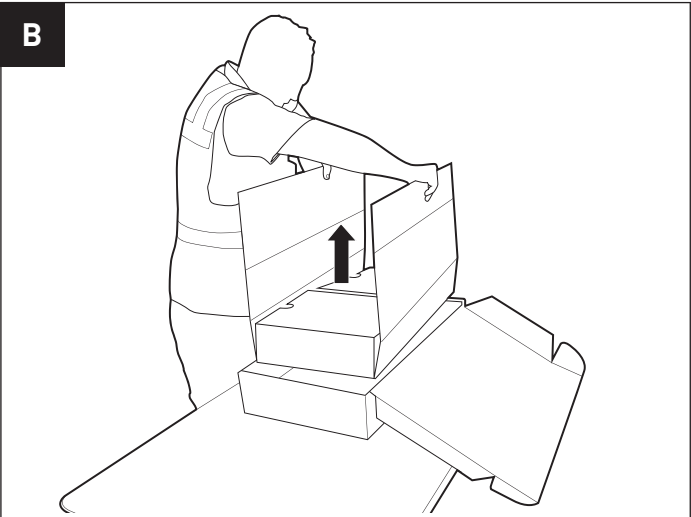
In service maintenance checks

- All bolted connections should be checked after driving a short distance when you first install your roof racks.
- All bolted connections should be checked again at regular intervals (every 1000km (621miles) is recommended, depending on road conditions, usage, loads and distances travelled).
- All bolted connections should be checked each time they are re-fitted.

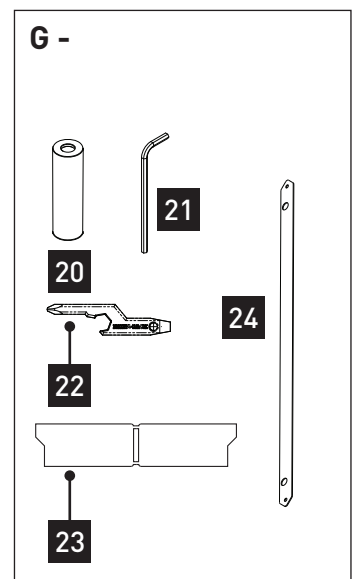
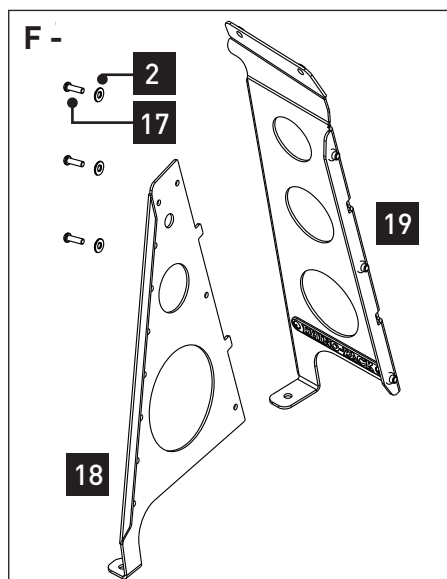
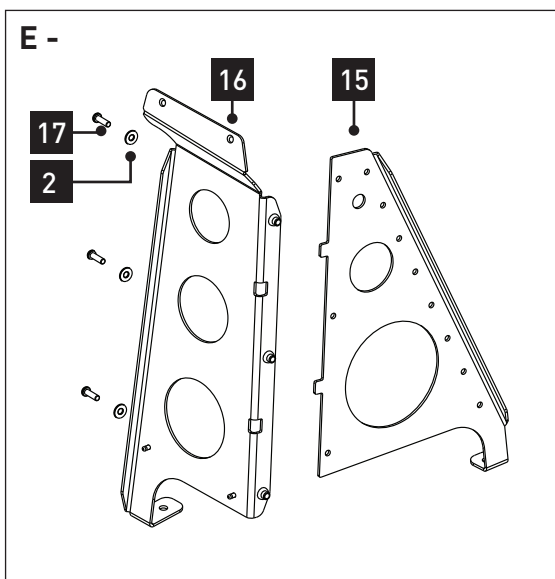
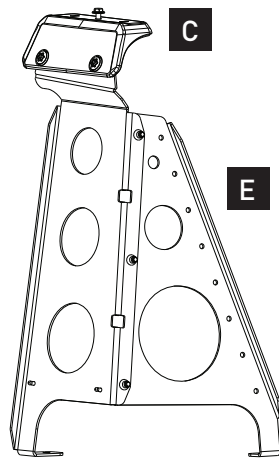
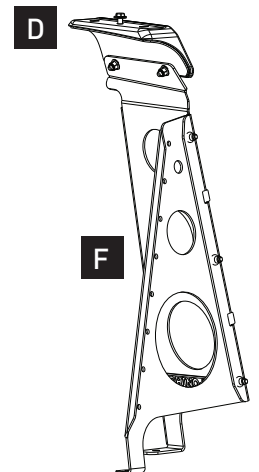
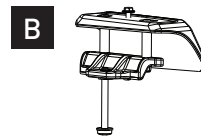
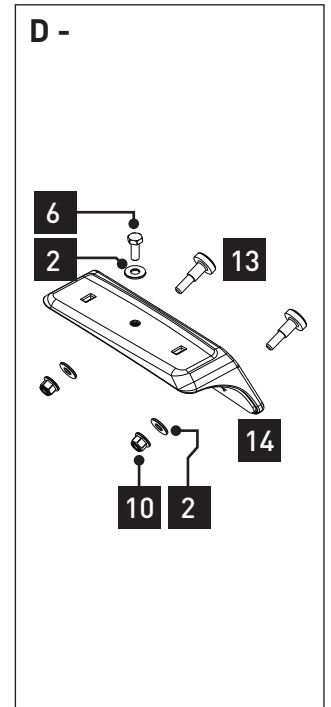
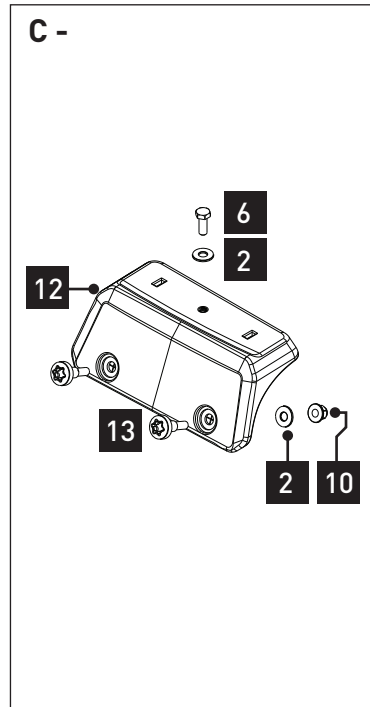
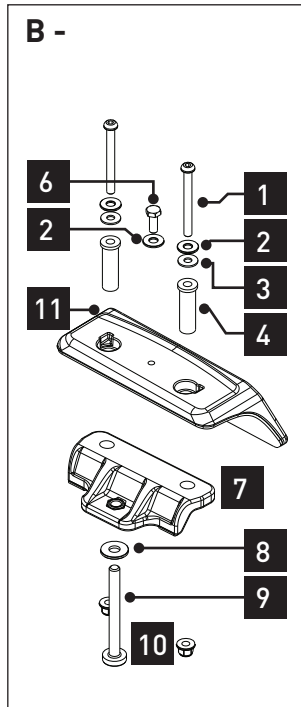
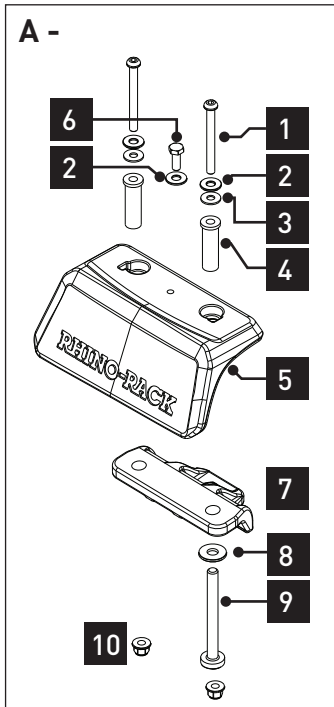
Note for Dealers and Fitters

It is your responsibility to ensure these fitting instructions are given to the end user or client. These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.

Jeep Gladiator Backbone



Jeep Gladiator Backbone



Jeep Gladiator Backbone

Parts list

Item	A	Qty
1	M6 x 65mm button head screw	2
2	M6 x 16mm flat washer	3
3	M6 rubber washer	2
4	Spacer bushing	2
5	Front left casting	1
6	M6 x 16mm hex screw	1
7	Rollbar casting	1
8	M8 x 20mm flat washer	1
9	M8 x 80 torx T50 button head screw	1
10	M6 flanged nut	2

Item	C	Qty
2	M6 x 16mm flat washer	3
6	M6 x 16mm hex screw	1
10	M6 flanged nut	2
13	M6 torx T50 shoulder bolt	2
12	Rear left casting	1

Item	E	Qty
2	M6 x 16mm flat washer	3
15	Rear left upright	1
16	Front left upright	1
17	M6 x 20mm dome head	3

Item	G	Qty
20	12.5mm drill stop	1
21	4mm allen key	1
22	Spacer multi-tool	1
23	Rear casting spacer	1
24	Front casting spacer	1

Item	B	Qty
1	M6 x 65mm button head screw	2
2	M6 x 16mm flat washer	3
3	M6 rubber washer	2
4	Spacer bushing	2
6	M6 x 16mm hex screw	1
7	Rollbar casting	1
8	M8 x 20mm flat washer	1
9	M8 x 80 torx T50 button head screw	1
10	M6 flanged nut	2
11	Front right casting	1

Item	D	Qty
2	M6 x 16mm flat washer	3
6	M6 x 16mm hex screw	1
10	M6 flanged nut	2
13	M6 torx T50 shoulder bolt	2
14	Rear right casting	1

Item	F	Qty
2	M6 x 16mm flat washer	3
19	Front right upright	1
18	Rear right upright	1
17	M6 x 20mm dome head	3

-Tools required:

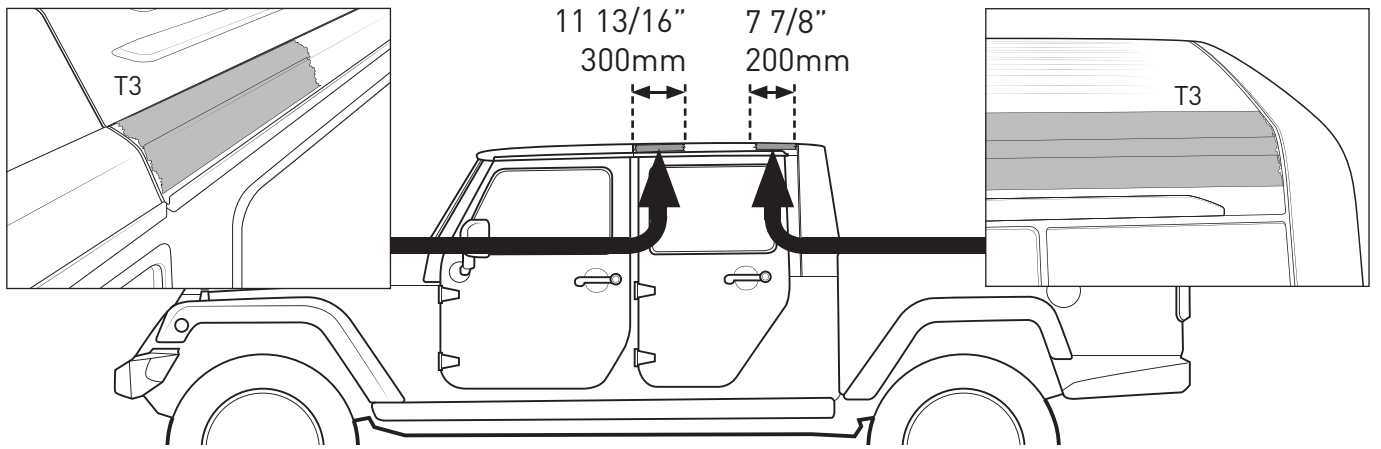
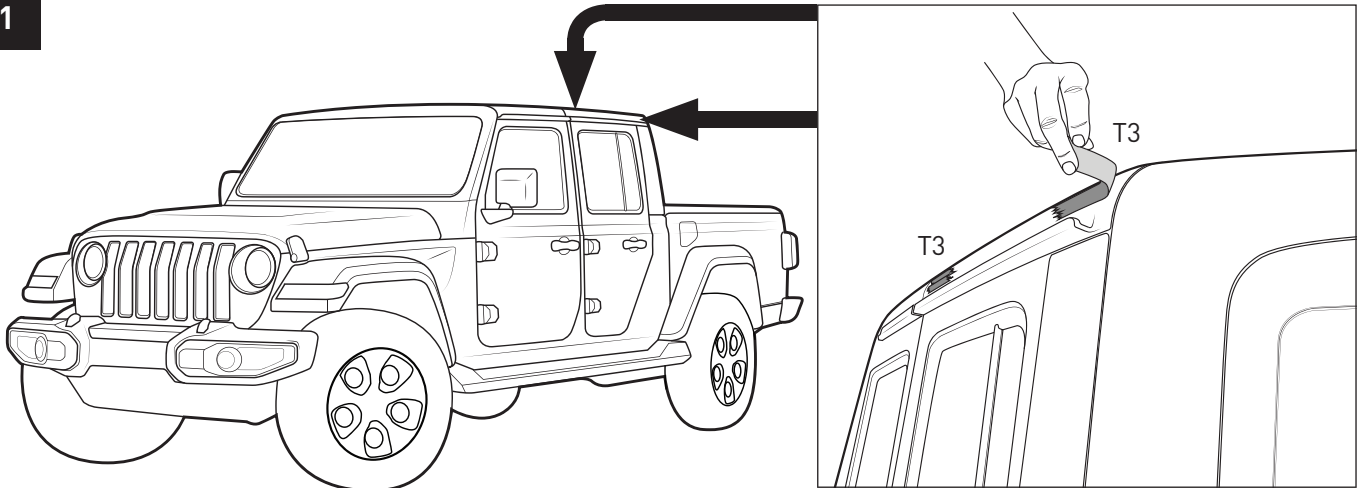
-Herramientas necesarias:

T1-Tape Measure.
T2-Marker.
T3-Masking Tape.
T4-Jeep Torx Tool.
T5-Power drill.
T6-6mm/ 1/4" drill bit.
T7-8.5mm/ 5/16" drill bit.
T8-Vacuum.

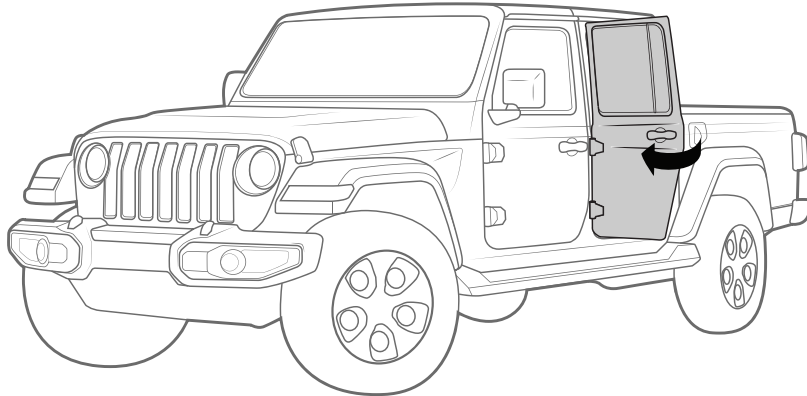
T9-Butyle mastic.
T10-12.5mm/ 1/2" drill bit.

Jeep Gladiator Backbone

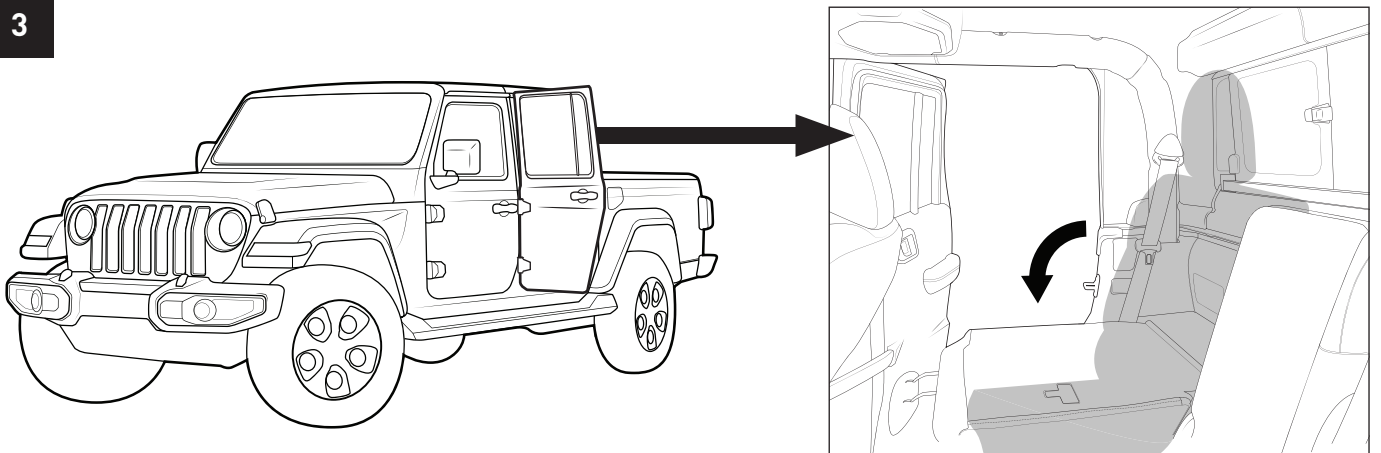
1



2

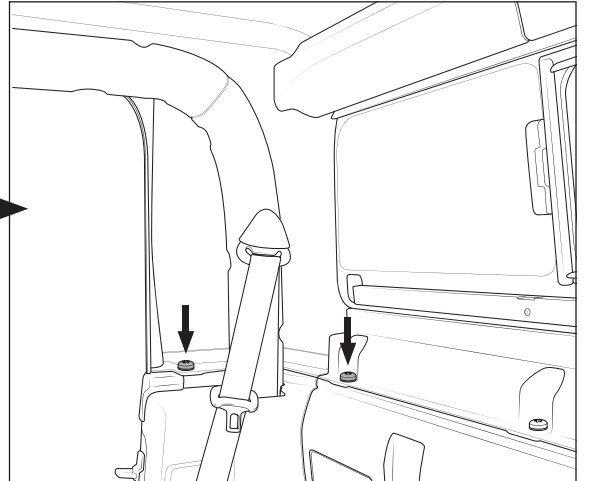
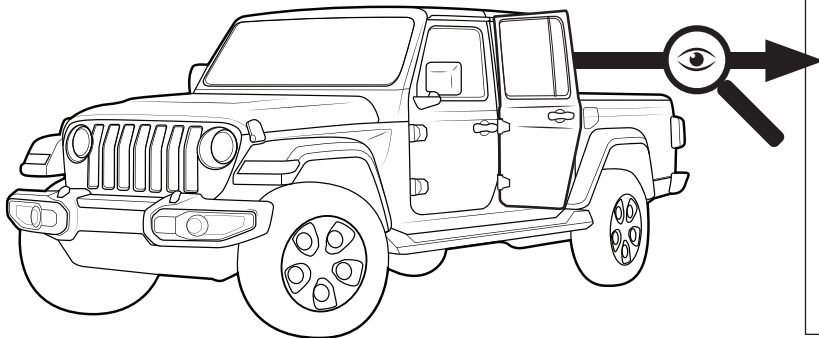


3

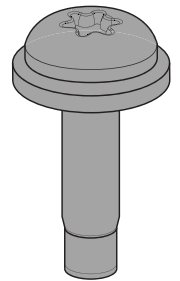
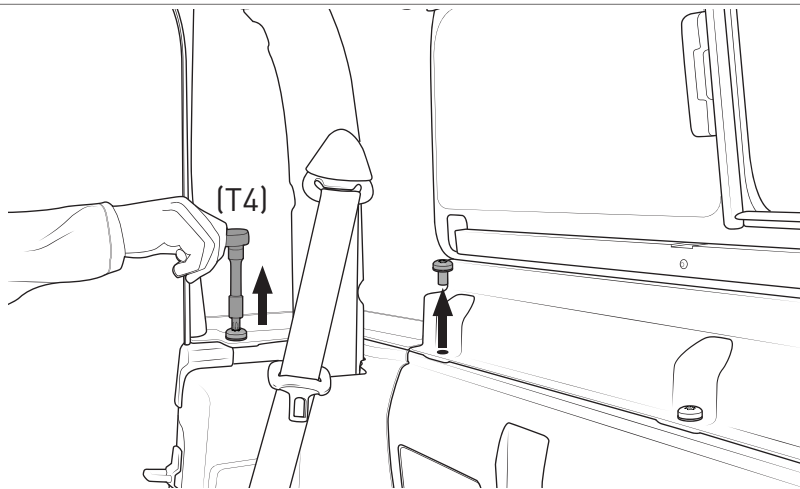


Jeep Gladiator Backbone

4

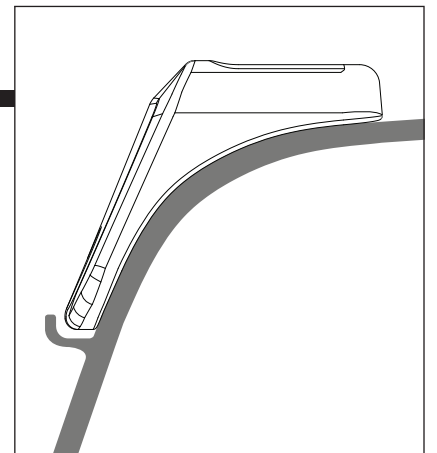
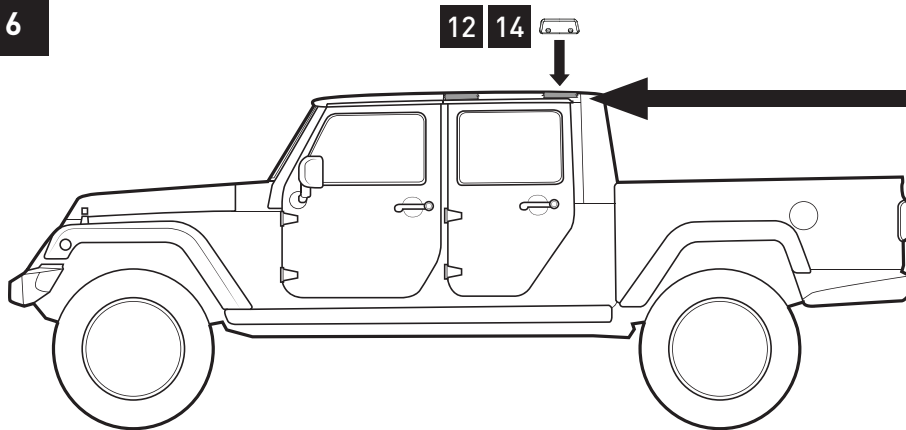


5

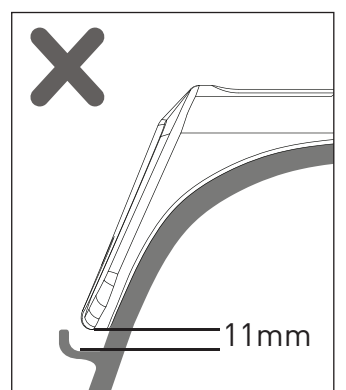
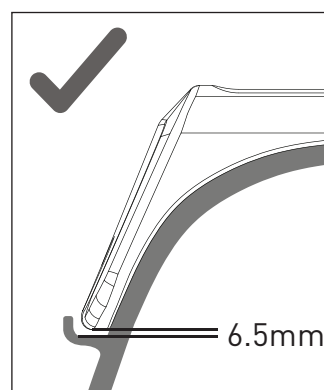
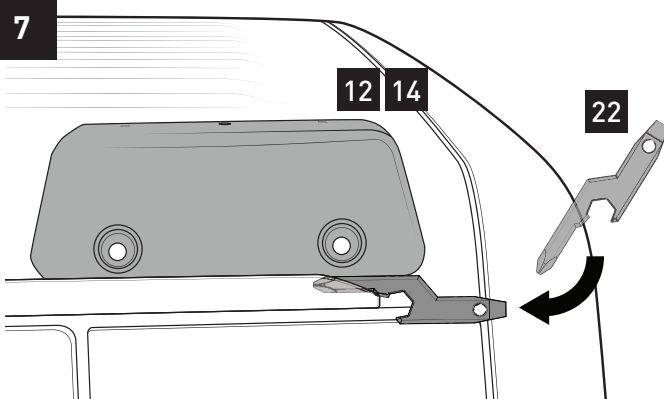


- Do not discard.

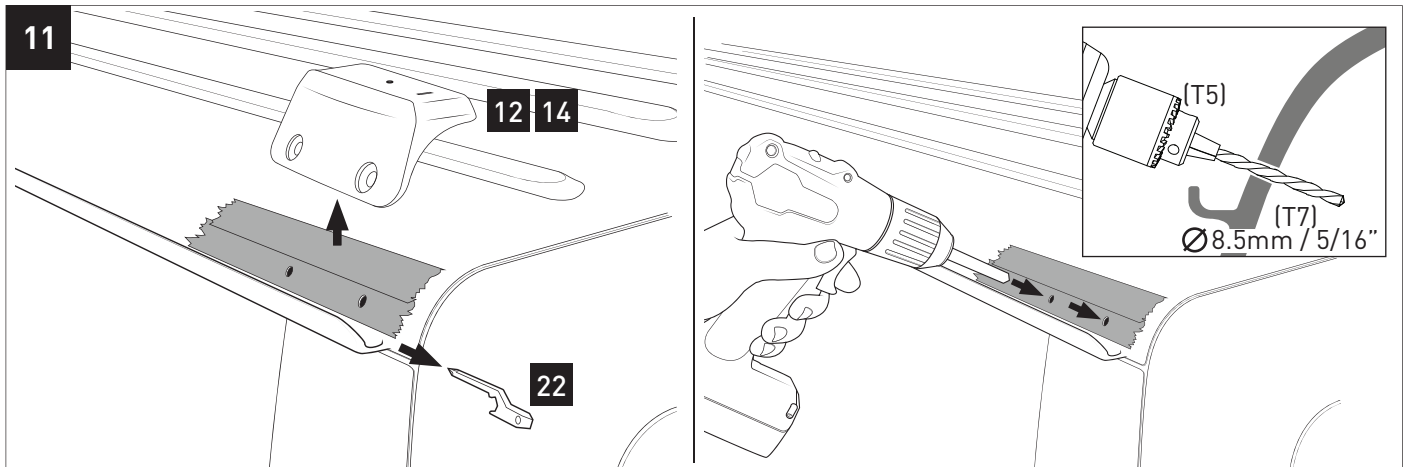
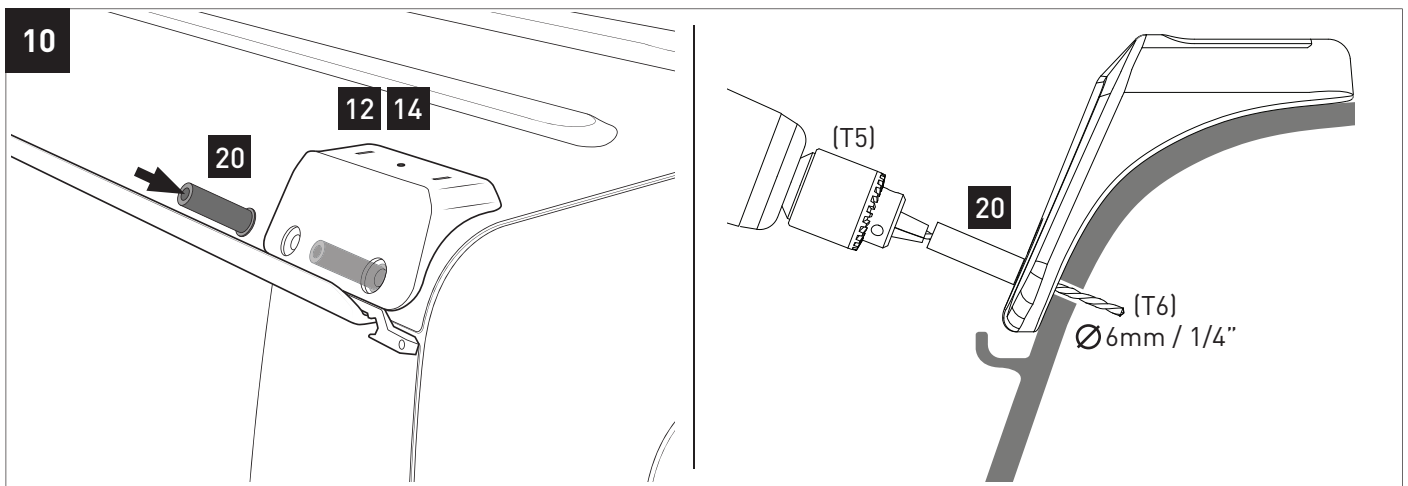
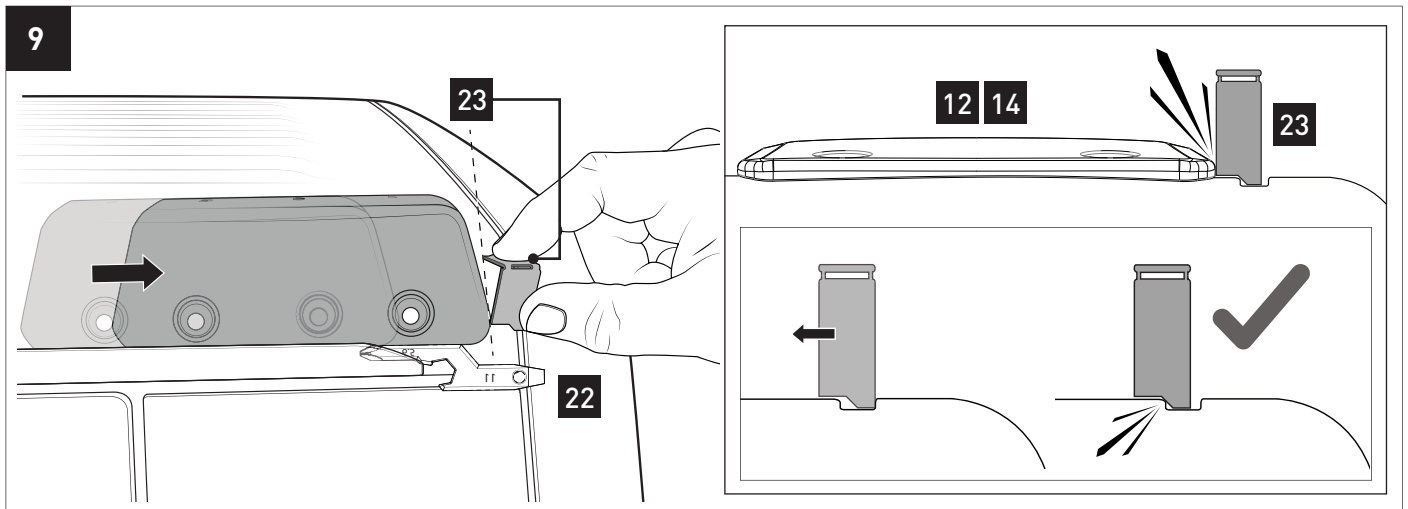
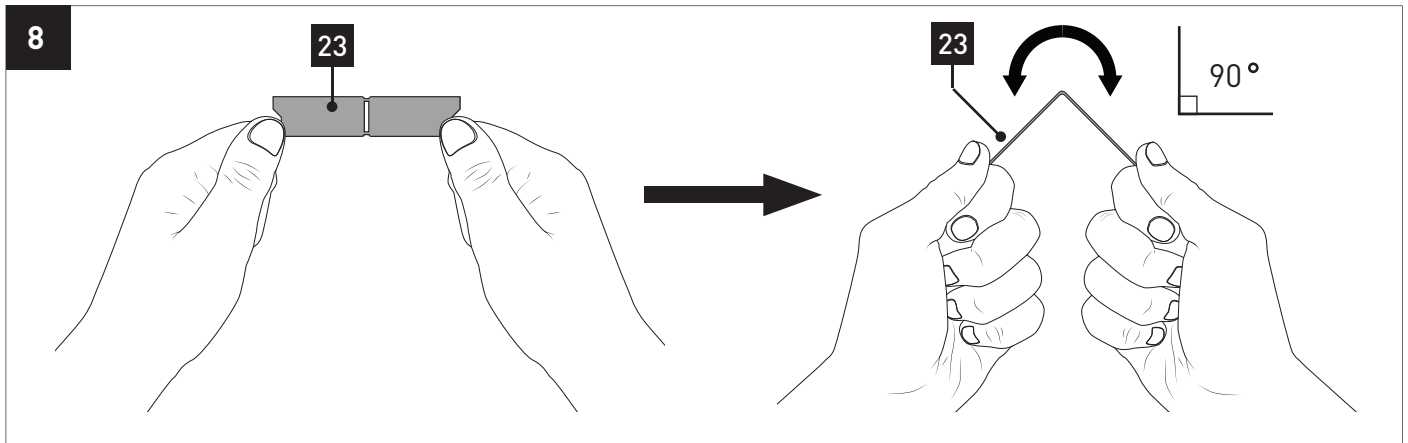
6



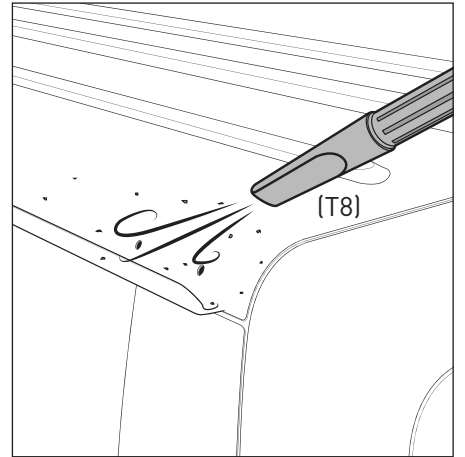
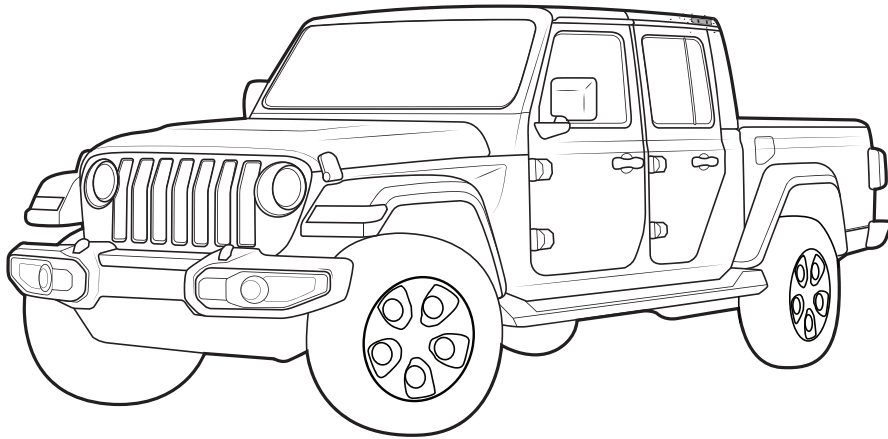
7



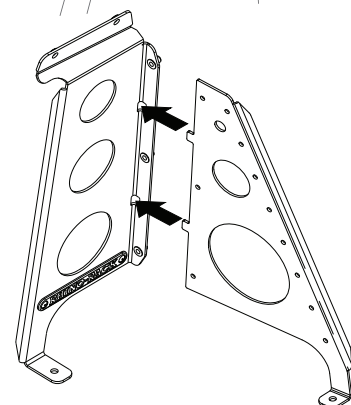
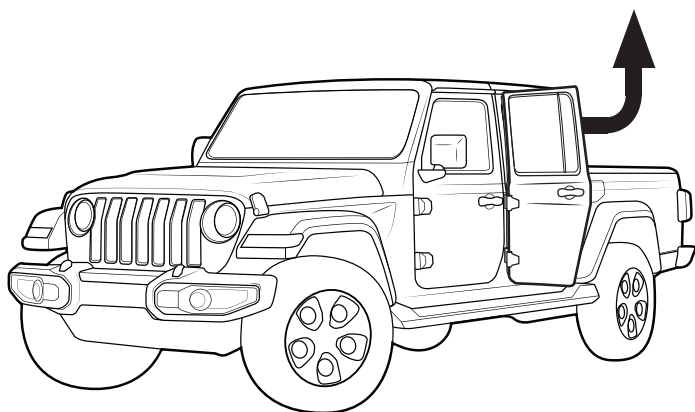
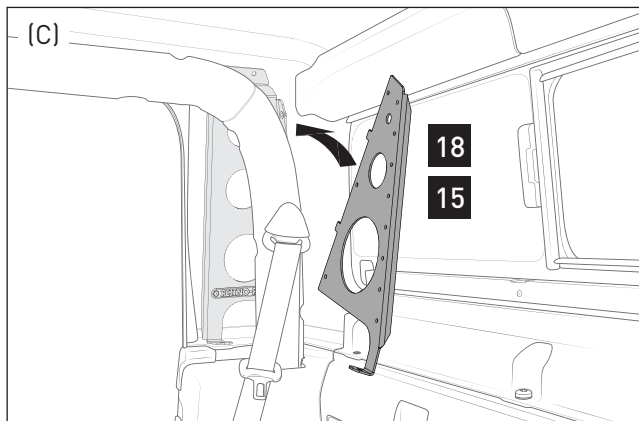
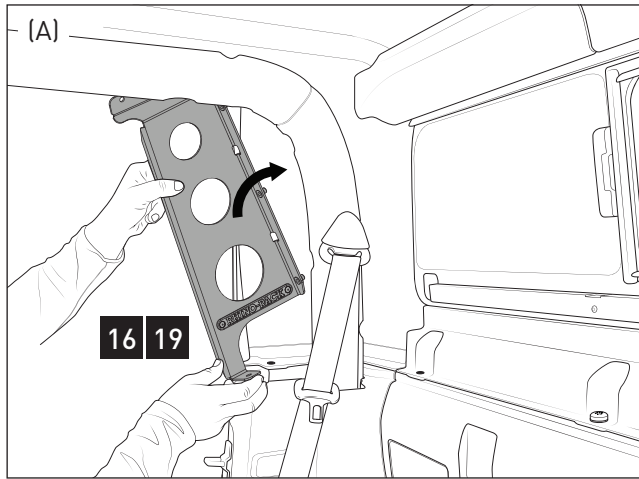
Jeep Gladiator Backbone



12

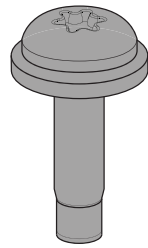
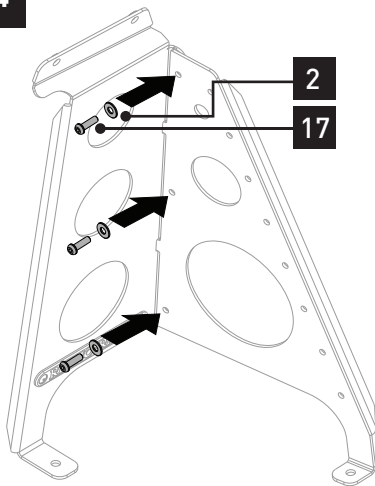


13



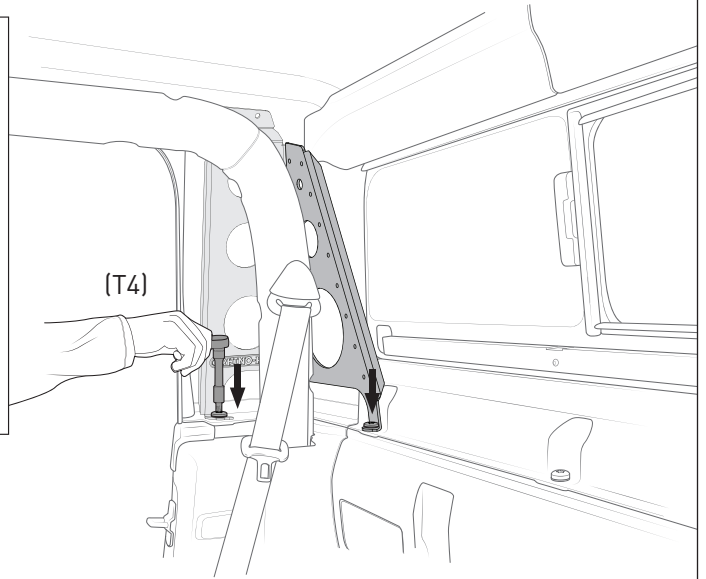
Jeep Gladiator Backbone

14

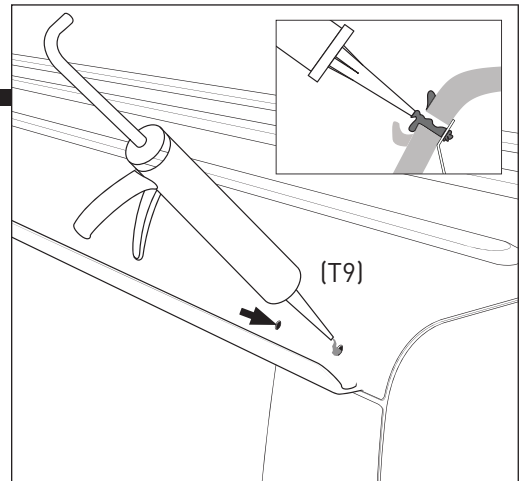
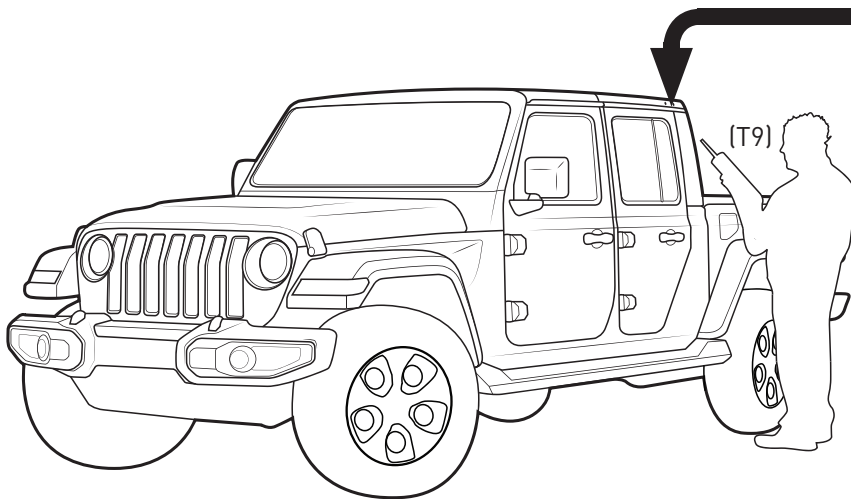


- Factory bolt.

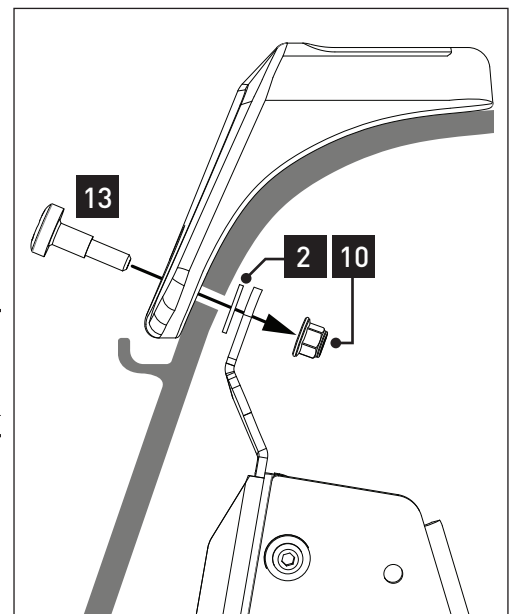
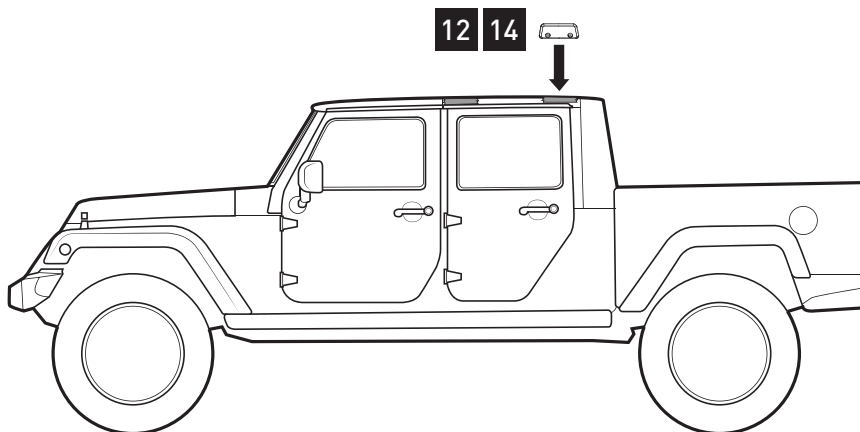
8-10NM
3-4LB/FT



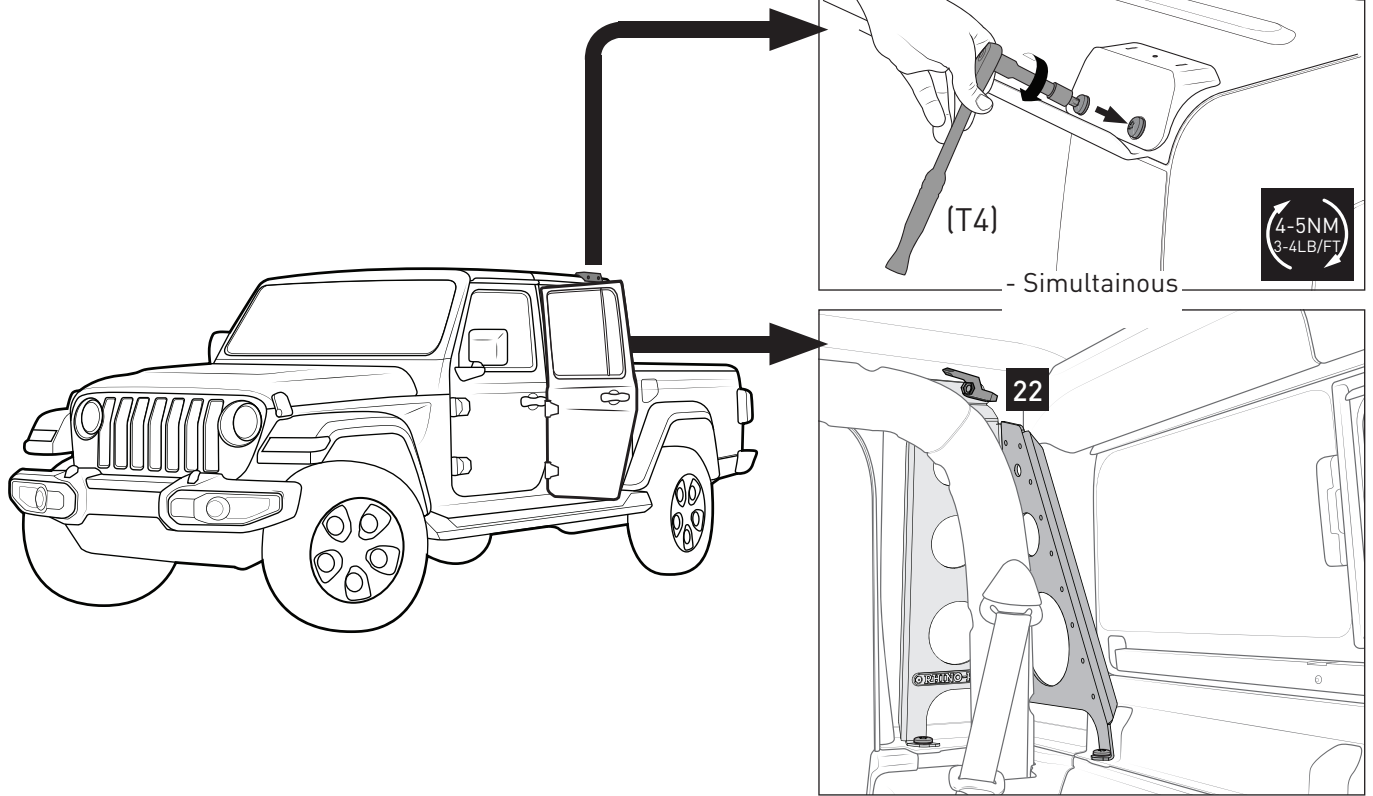
15



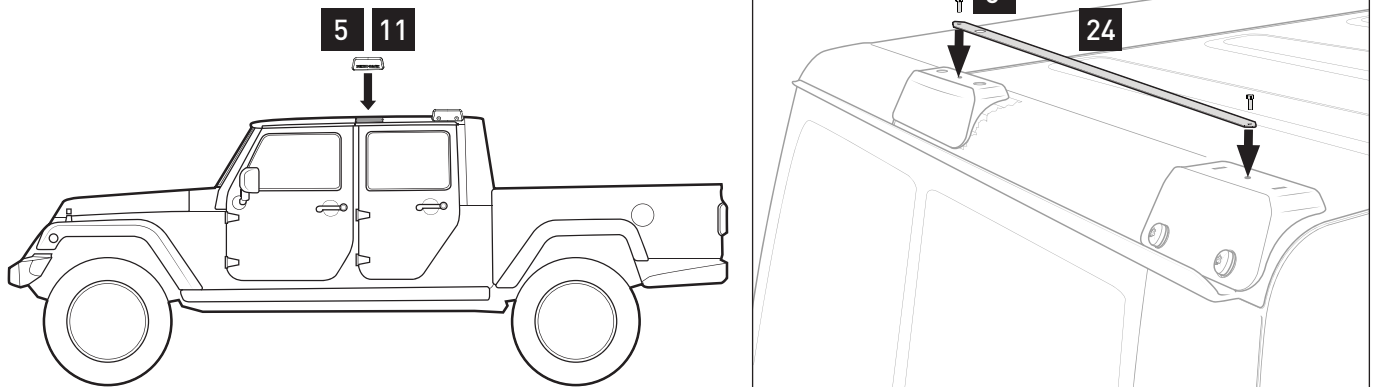
16



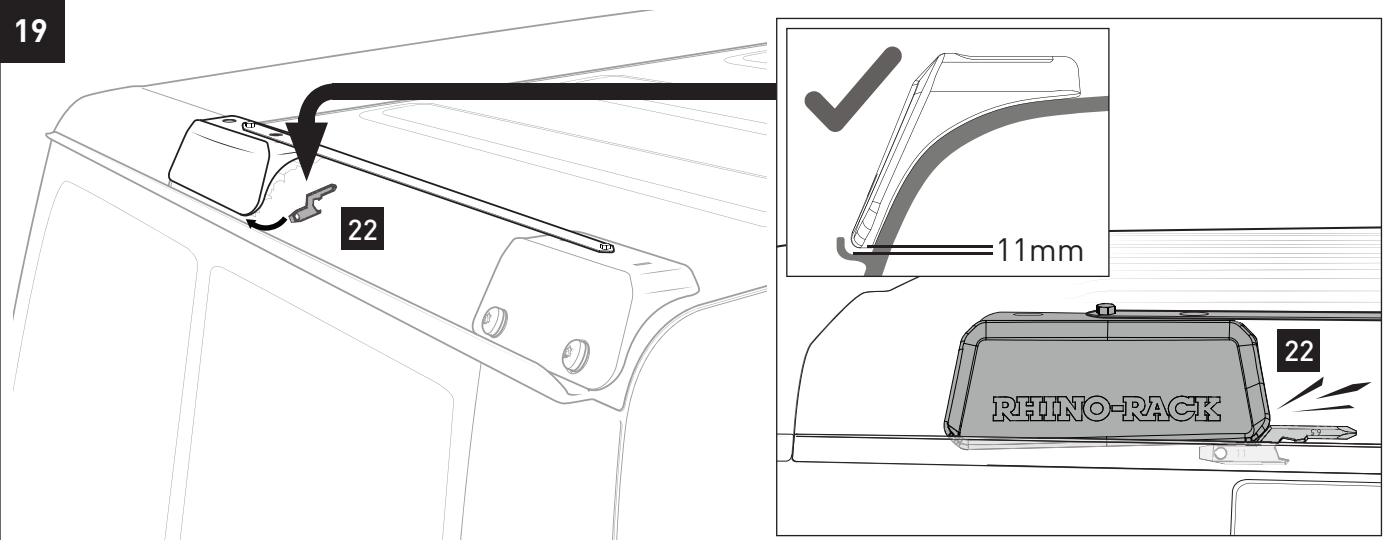
17



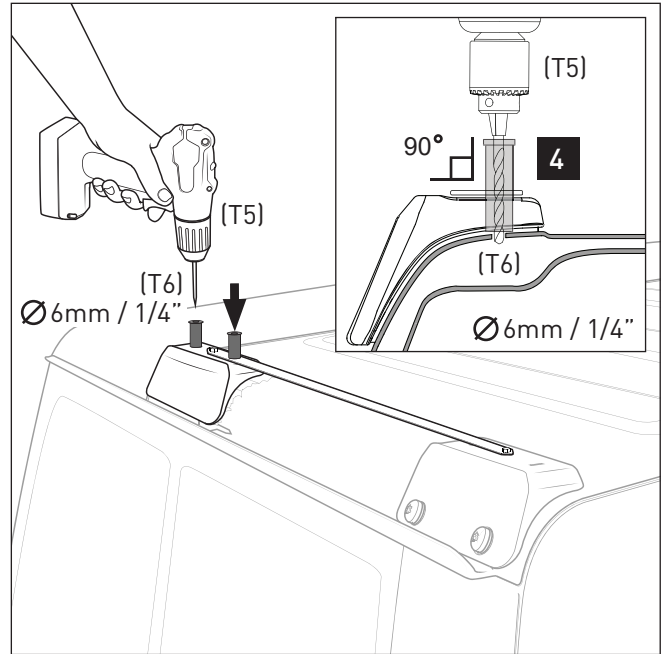
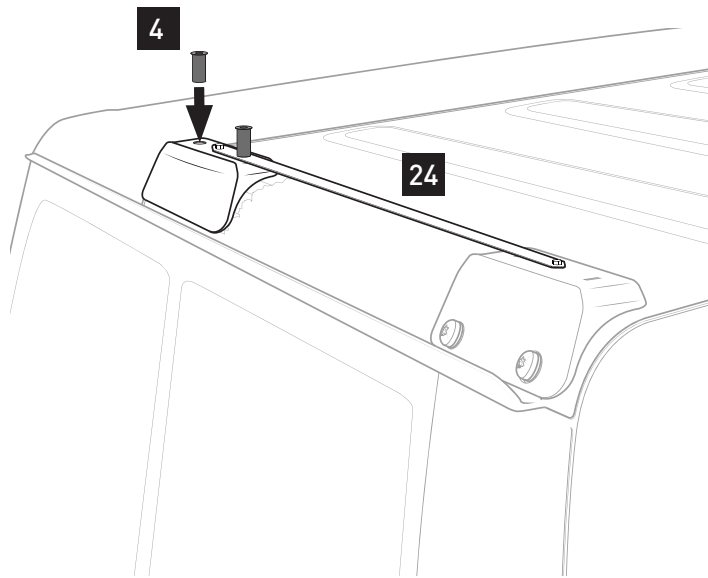
18



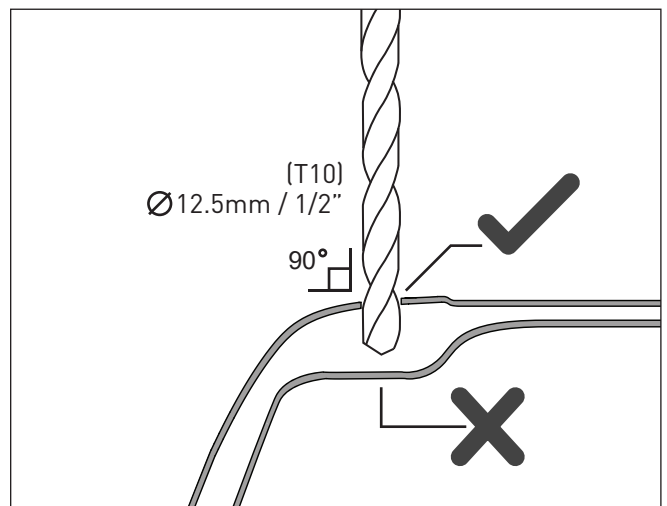
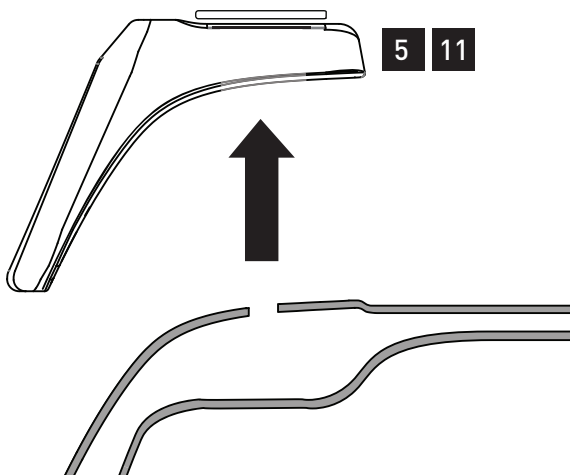
19



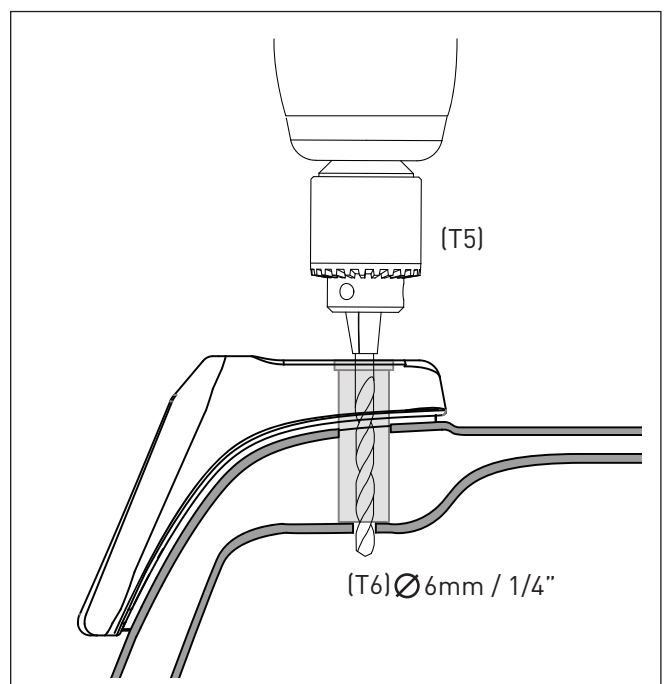
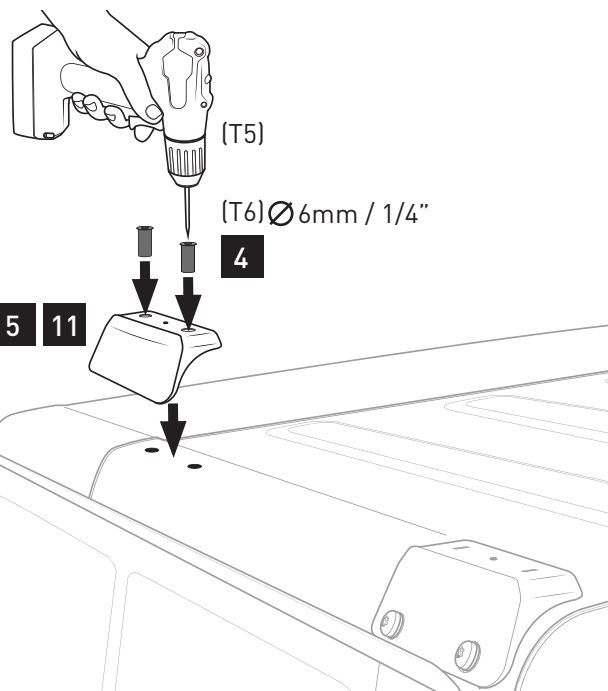
20



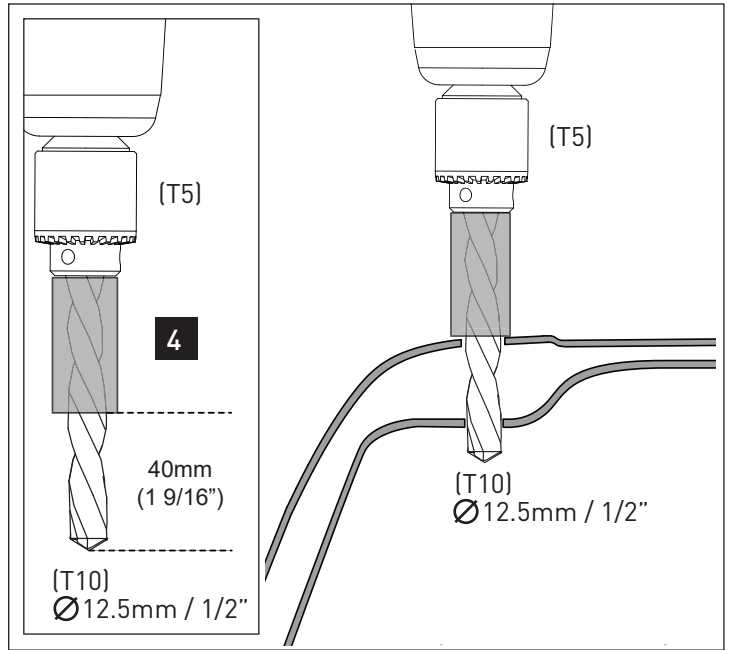
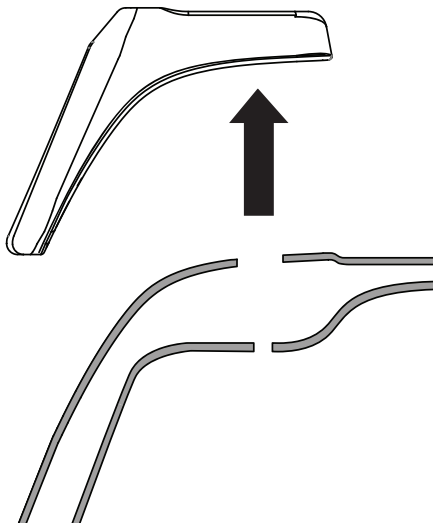
21



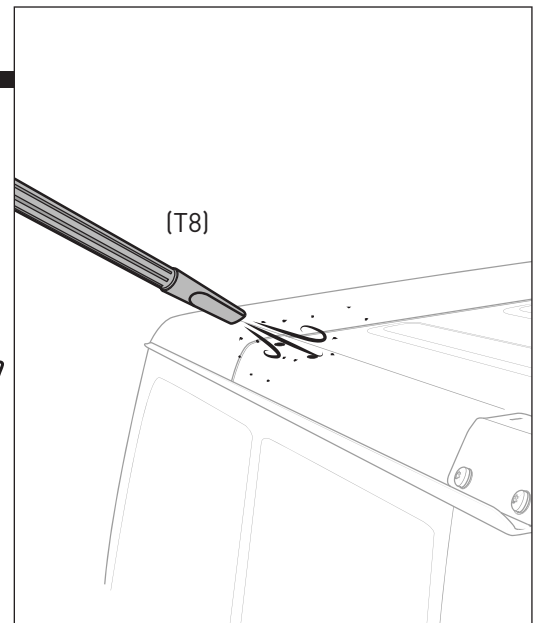
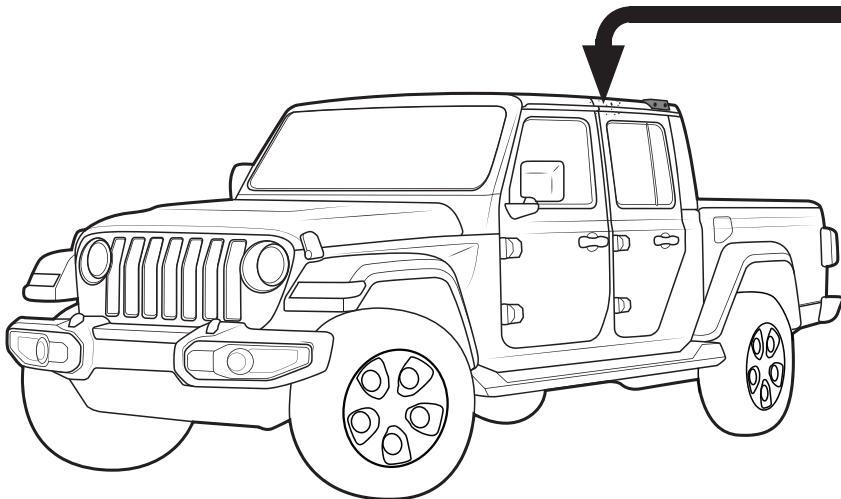
22



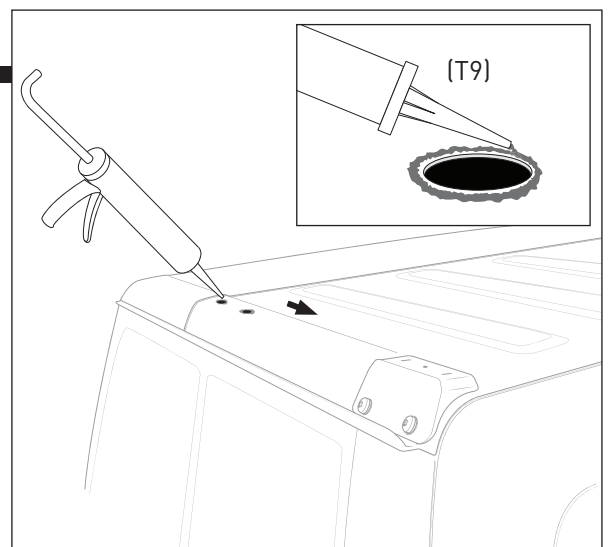
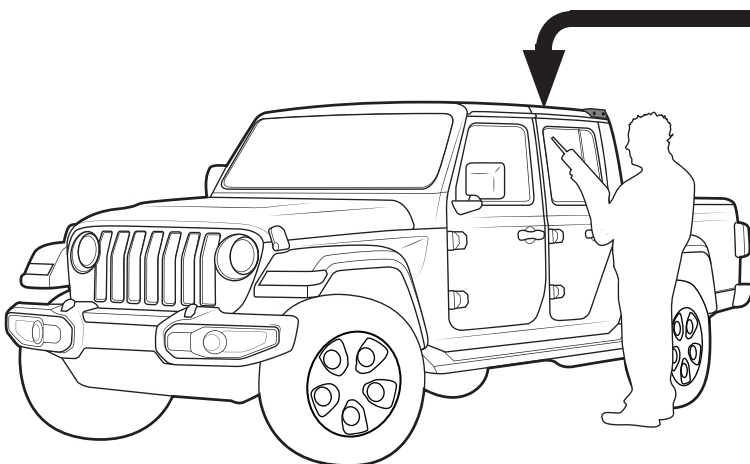
23



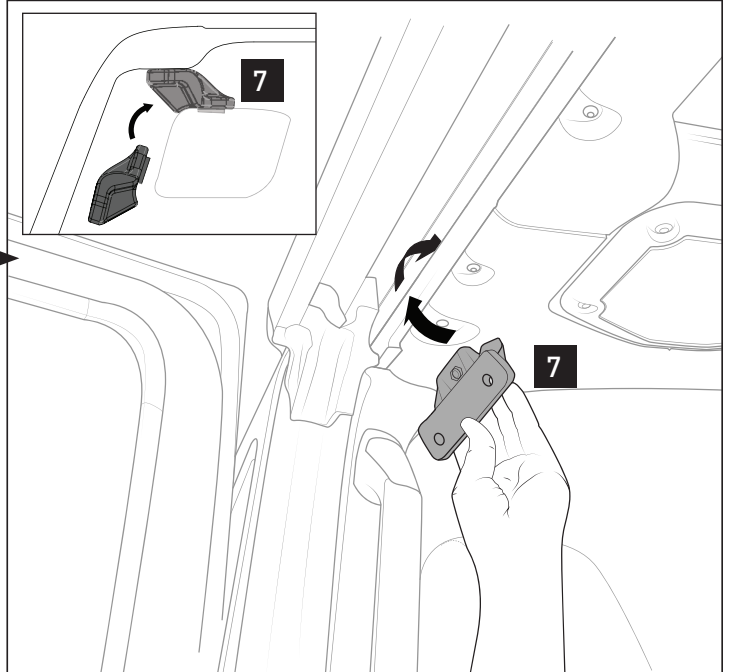
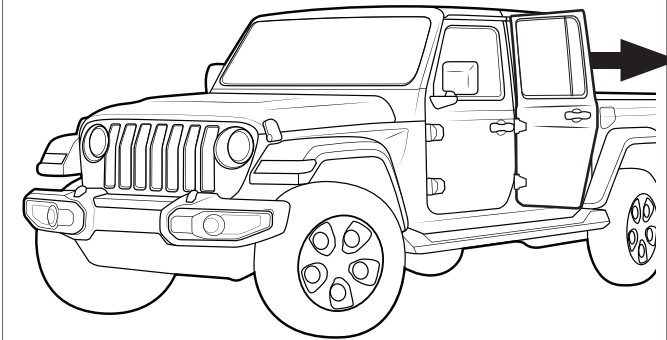
24



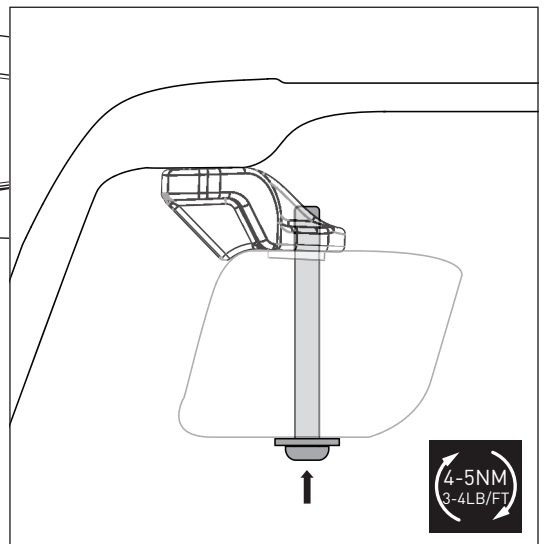
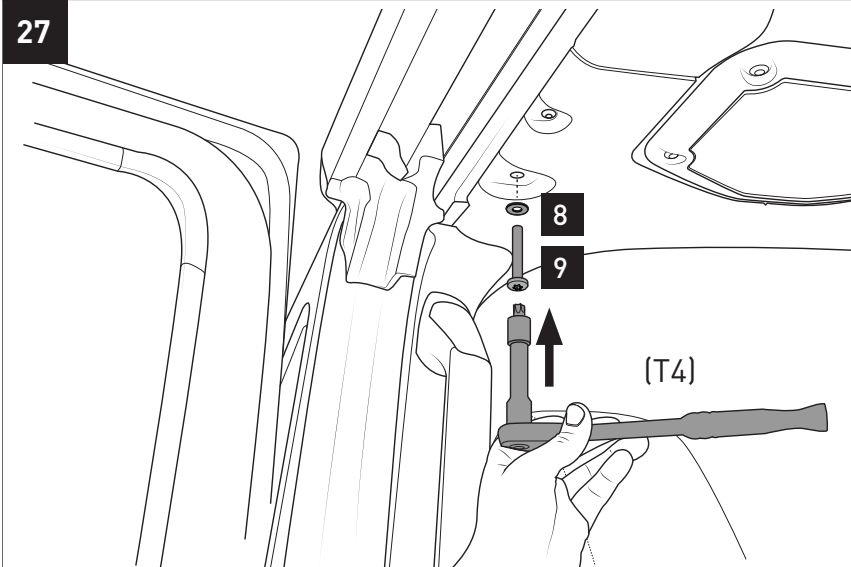
25



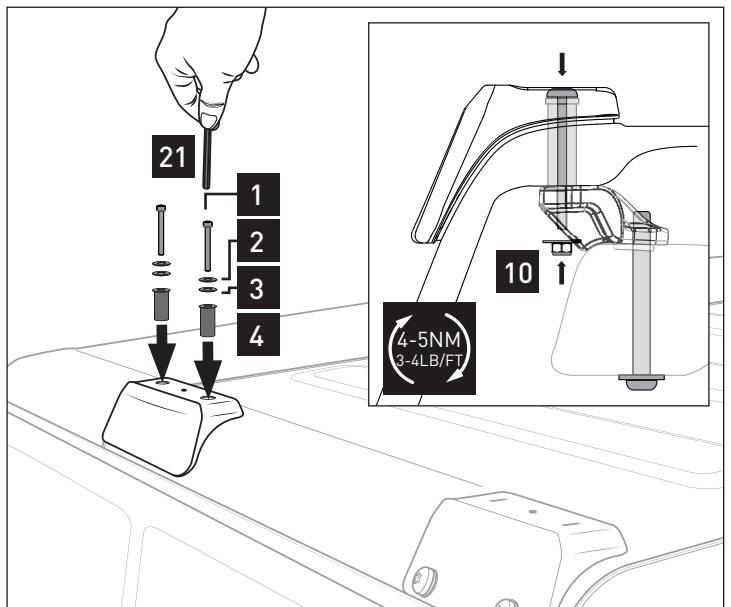
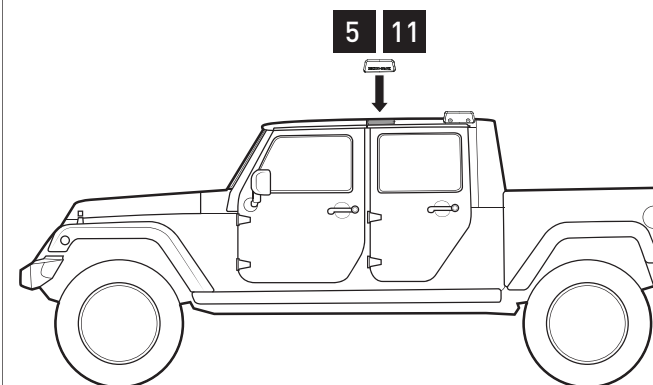
26



27

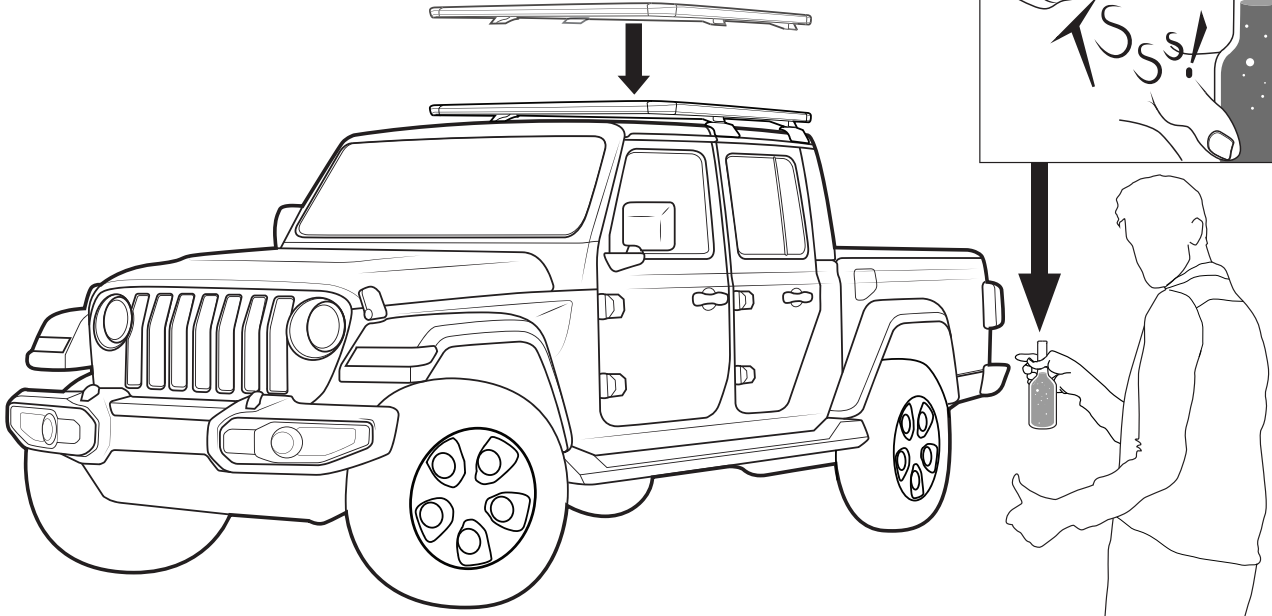


28

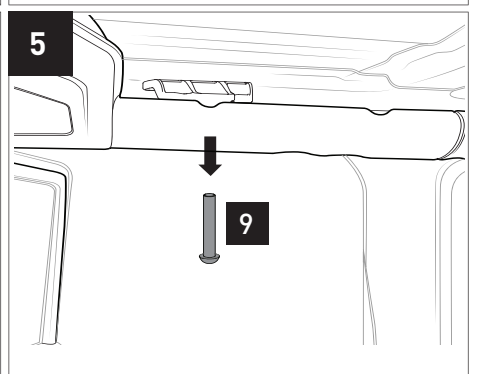
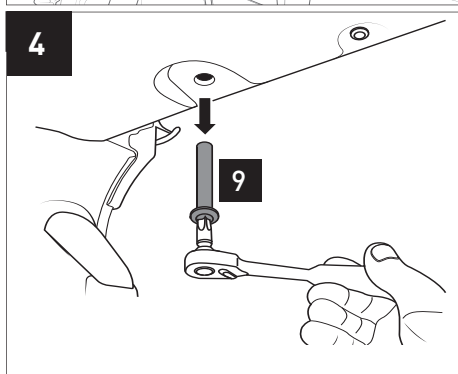
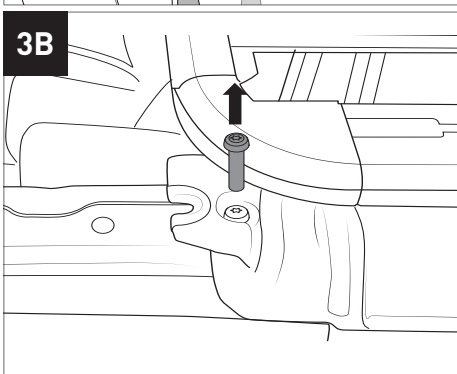
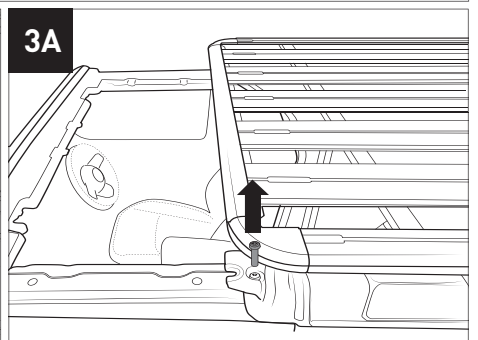
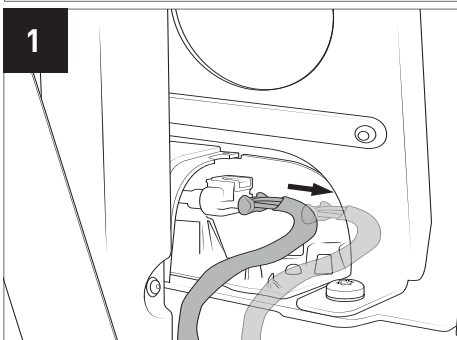
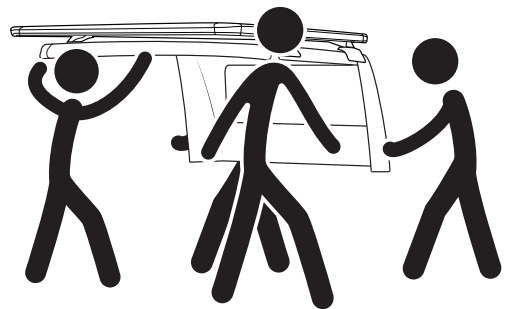
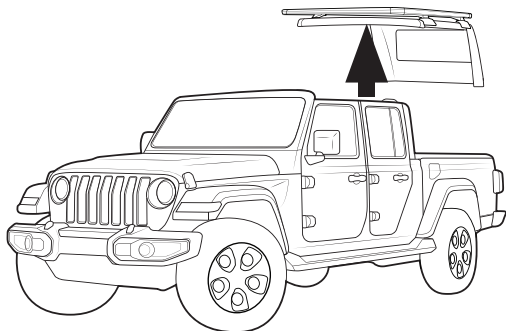


29

See corresponding platform instruction



To remove canopy after assembly

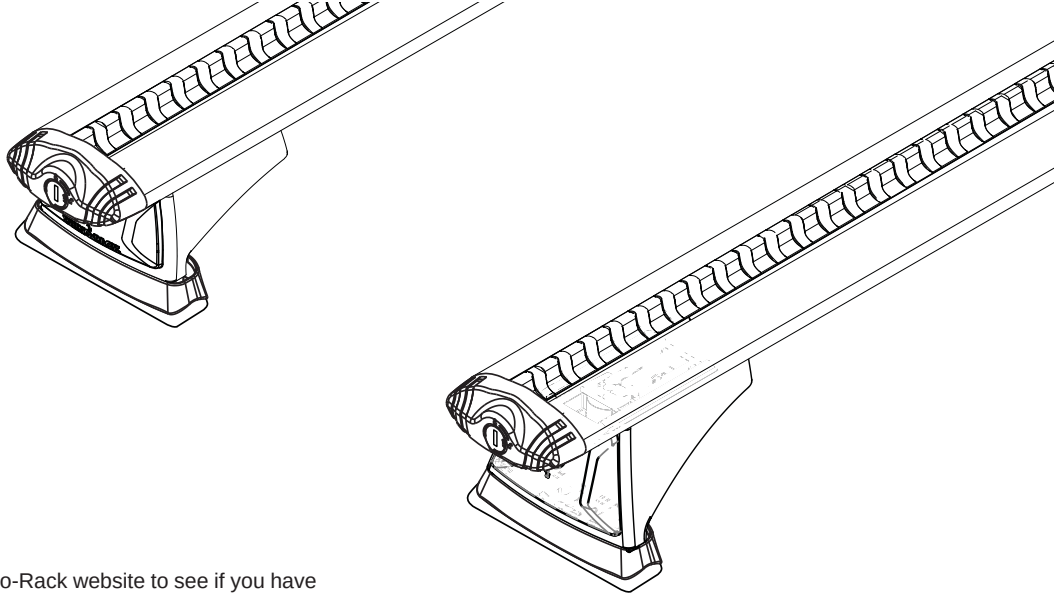




RHINO-RACK

RCL, RCH 2,4,6 Kits

Important: Please read these instructions carefully prior to installation.
Please refer to your fitting instruction to ensure that the Roof Rack System is installed in the correct location.
Check the contents of kit before commencing fitment and report any discrepancies.
Place these instructions in the vehicle's glove box after installation is complete.



Note: Be sure to check Rhino-Rack website to see if you have the latest version of instructions before beginning installation.

Maximum load carrying capacity: 100kg / 220lbs

Important Information

1. ☐ Check Part No./Kit is correct
2. ☐ Read through instruction before installing
3. ☐ Fit roof rack accessory
4. ☐ Check and recheck all fasteners are secure

Maximum carrying capacity: Up to 100kg (220lbs) including the weight of the rack system.

Please refer to your vehicle manufacturers handbook for maximum carrying capacity. Always use the lower of the two figures. Load must be evenly distributed over the entire basket.

Warning: Do not attempt to fit the rack system to your vehicle unless you fully understand these fitting instructions. Please direct any questions regarding fitting to the dealer from where the roof racks were purchased.

Use only non-stretch fastening ropes or straps.

Recommendations: It is essential that all bolt connections be checked after driving a short distance when you first install your roof racks. Bolt connections should be checked again at regular intervals (once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the roof racks each time they are re-fitted. Always make sure to fasten your load securely. Please also ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible and must be entirely contained within the extents of the roof racks. **Rack System must be removed when putting vehicle through an automatic car wash.**

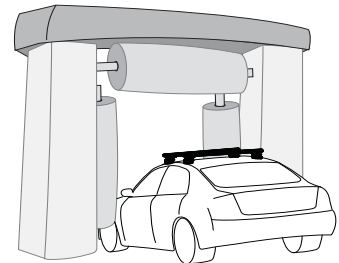
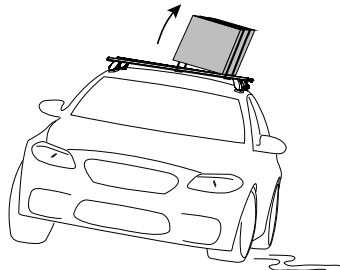
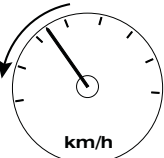
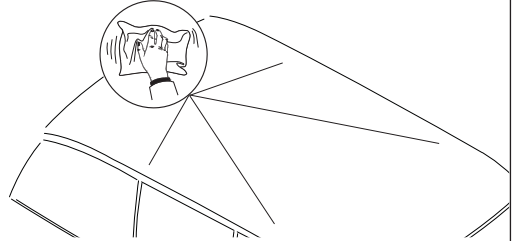
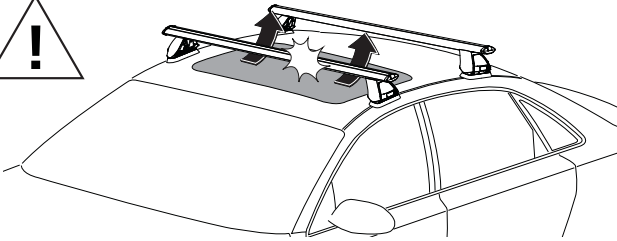
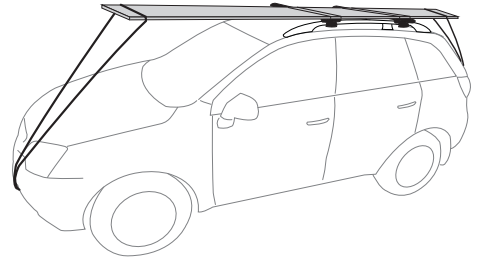
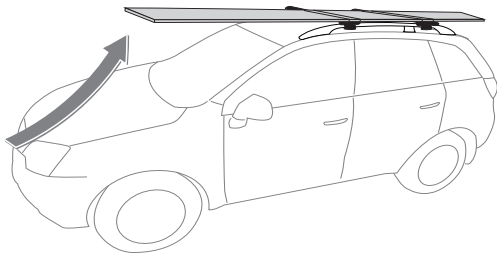
Caution: The handling characteristics of the vehicle changes when you transport a load on the roof. For safety reasons we recommend you exercise extreme care when transporting wind-resistant loads. Special consideration must be taken into account when cornering and braking.

Off-road use:

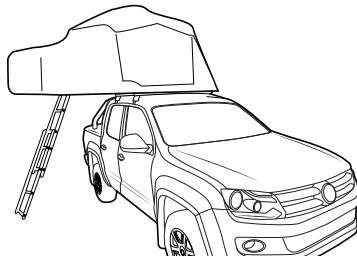
The Roof Rack System may be used in off road applications, however a safety factor of 1.5 is enforced. That is, maximum permissible off road load is **66kg (145lbs)**. Although the crossbars are tested and approved to AS1235-2000/ 15011154, off-road conditions can be much more rigorous. Extreme car must be taken in off road conditions



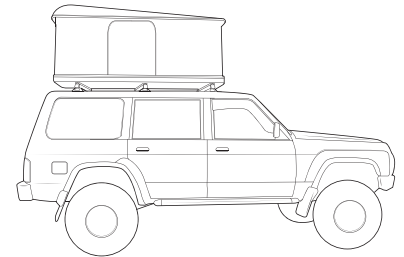
RCL, RCH 2,4,6 Kits



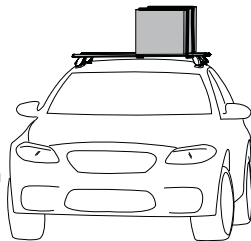
Ensure Ladder is well supported on the ground to help support tent. Take extreme caution when climbing heights above 1.2m/4ft.



It is required for Clam Shell Roof Top Tents to use a 3 Crossbar System.



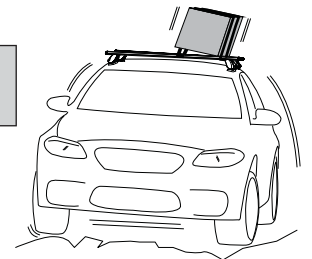
When these roof racks are to be used on a vehicle that is driven off sealed roads, the manufacturer maximum roof load rating (to be found in the vehicles User Manual) should be **divided by 1.5**. Do not forget to subtract the complete crossbar system weight from your maximum carrying capacity.



100kg/220lbs
(Urban Road)

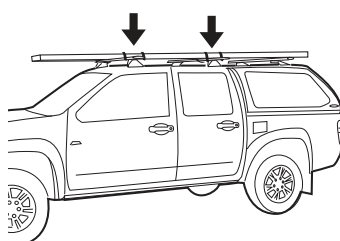
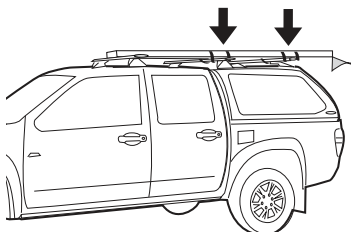


66kg/145lbs
(Off Road)

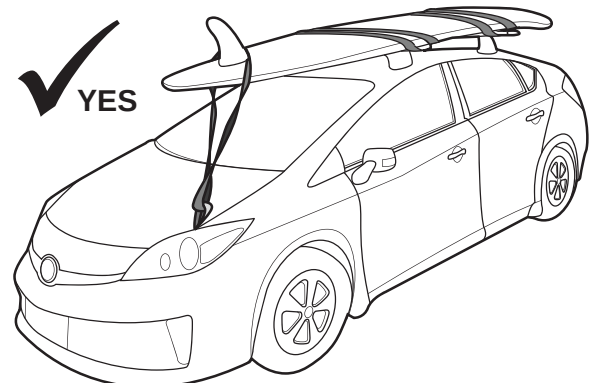


WARNING! Important Load Carrying Instructions

With utility vehicles, the cabin and the canopy move independently. Roof racks and vehicle can be damaged if the item transported is rigidly fixed at points on both the cabin and canopy. Instead, rigidly fix to either the cabin roof racks or the canopy roof racks.



Paddle/ Surfboards should be fixed to the front of the vehicle.



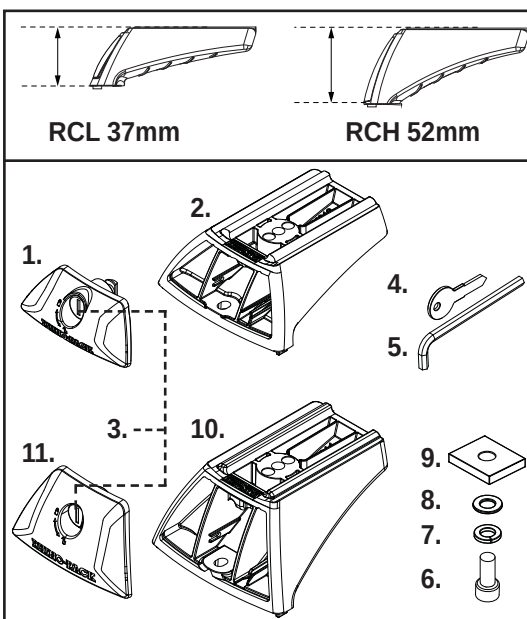


RCL, RCH 2,4,6 Kits

Parts List

Item	RCL	2 Kit Qty	4 Kit Qty	6 Kit Qty	Part No.
1	Locking Leg Cover (37mm)	2	4	6	M810
2	Locking Leg Base (37mm)	2	4	6	M813
3	Key Barrel	2	4	6	CA1339
4	Key	1	2	2	-
5	Allen Key	1	1	1	H034
6	M6 x 20mm Socket Head Screw	2	4	6	B054
7	M6 Spring Washer	2	4	6	W004
8	M6 x 16mm Flat Washer	2	4	6	W031
9	M6 Nut 30mm x 25mm	2	4	6	N035A
10	Instructions	1	1	1	R1182

Item	RCH	2 Kit Qty	4 Kit Qty	6 Kit Qty	Part No.
10	Locking Leg Cover (52mm)	2	4	6	M812
11	Locking Leg (52mm)	2	4	6	M811
3	Key Barrel	2	4	6	CA1339
4	Key	1	2	2	-
5	Allen Key	1	1	1	H021
6	M6 x 20mm Socket Head Screw	2	4	6	B054
7	M6 Spring Washer	2	4	6	W004
8	M6 x 16mm Flat Washer	2	4	6	W031
9	M6 Nut 30mm x 25mm	2	4	6	N035A
10	Instructions	1	1	1	R1182



Tools Required:

Allen Key (provided).
Metal Key (provided).

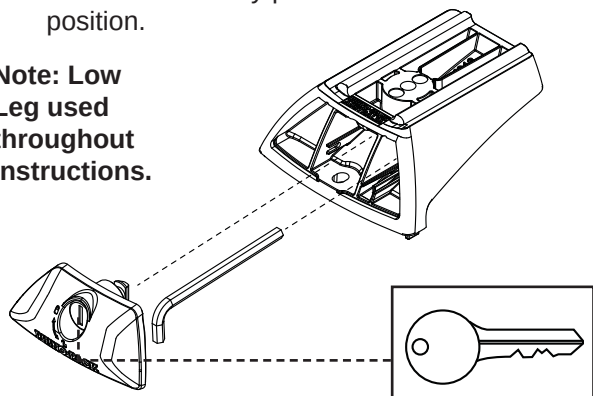
Notes:

Crossbars and Fit Kits are sold as separate and are required for individual vehicle fits.
Heavy Duty Bars will require a QMHD05 kit.

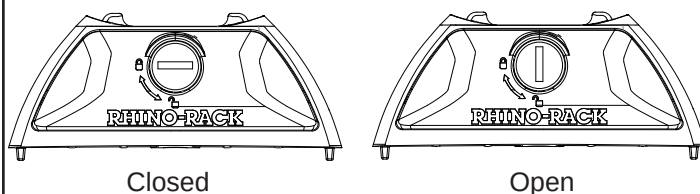
Instructions

- 1 Use the Metal Key provided to unlock the Cover Plate and remove. Remove the Allen Key from its storage position.

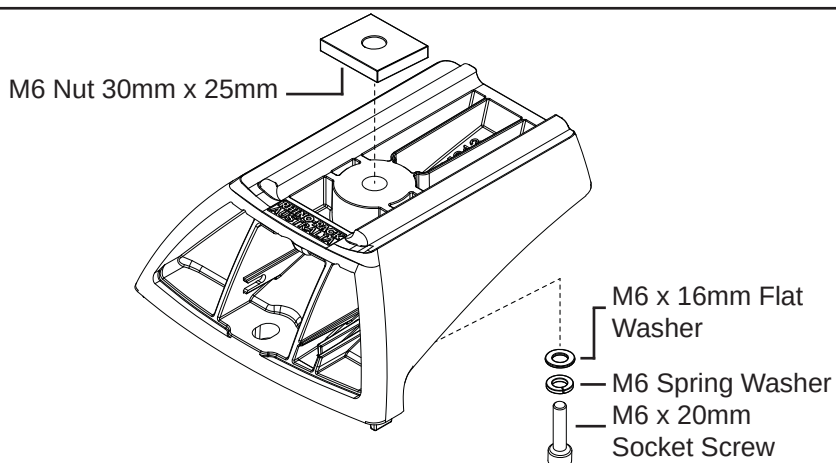
Note: Low Leg used throughout instructions.



Front View:



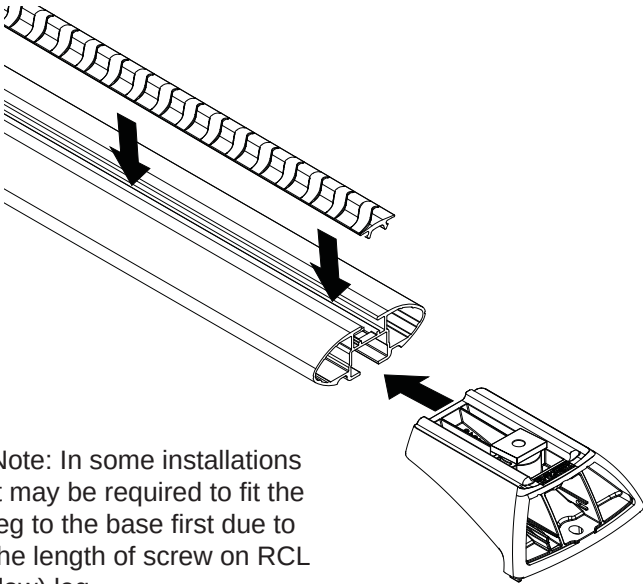
- 2 Insert the M6 hardware as shown. Finger tighten only at this stage.





RCL, RCH 2,4,6 Kits

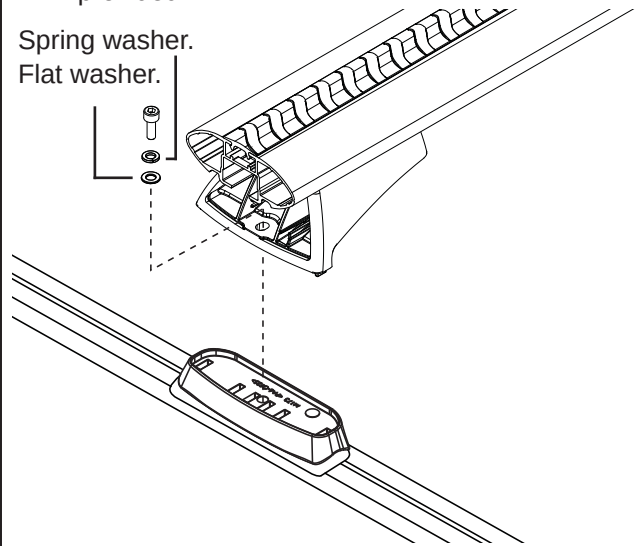
- 3** Slide the Assembled legs into the Crossbars as shown. Insert Vortex Rubber, cut to length as required.



Note: In some installations it may be required to fit the leg to the base first due to the length of screw on RCL (low) leg.

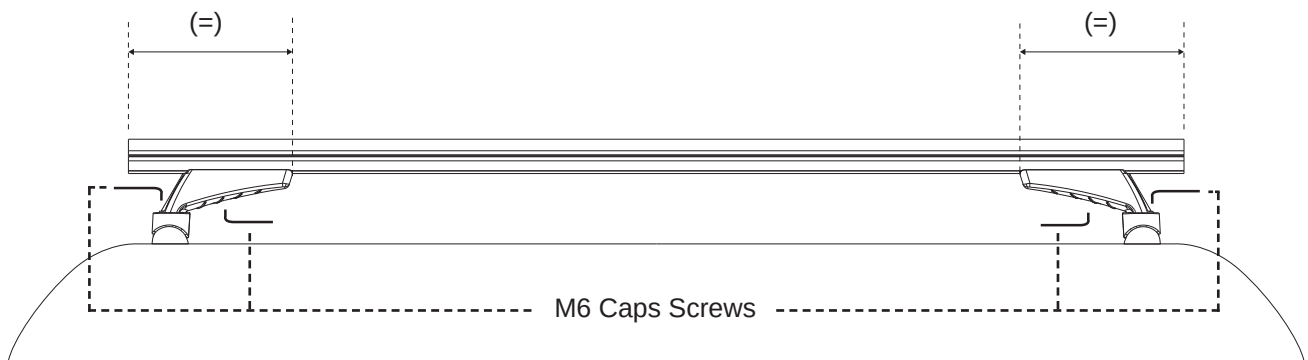
- 4** Fix the Crossbars to the vehicle specific Base Kit that has been purchased, using the Allen Key provided.

Spring washer.
Flat washer.

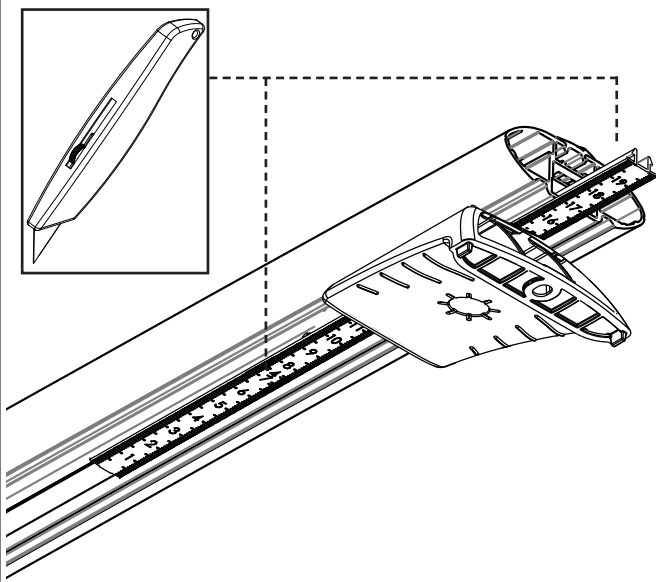


Note: Images are example only. RCL/RCH legs can be fit to either tracks or pads. Pads and track fit kits are sold as separate.

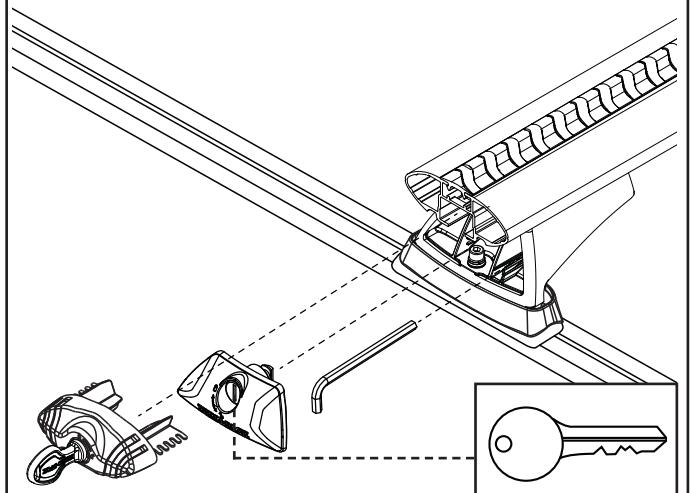
- 5** Ensure the Crossbars have an equal overhang. Tighten the M6 Leg Hardware with the Allen Key provided.



- 6** Insert the Underbar Strips into the slots either side of the installed Leg. Cut to length as required.



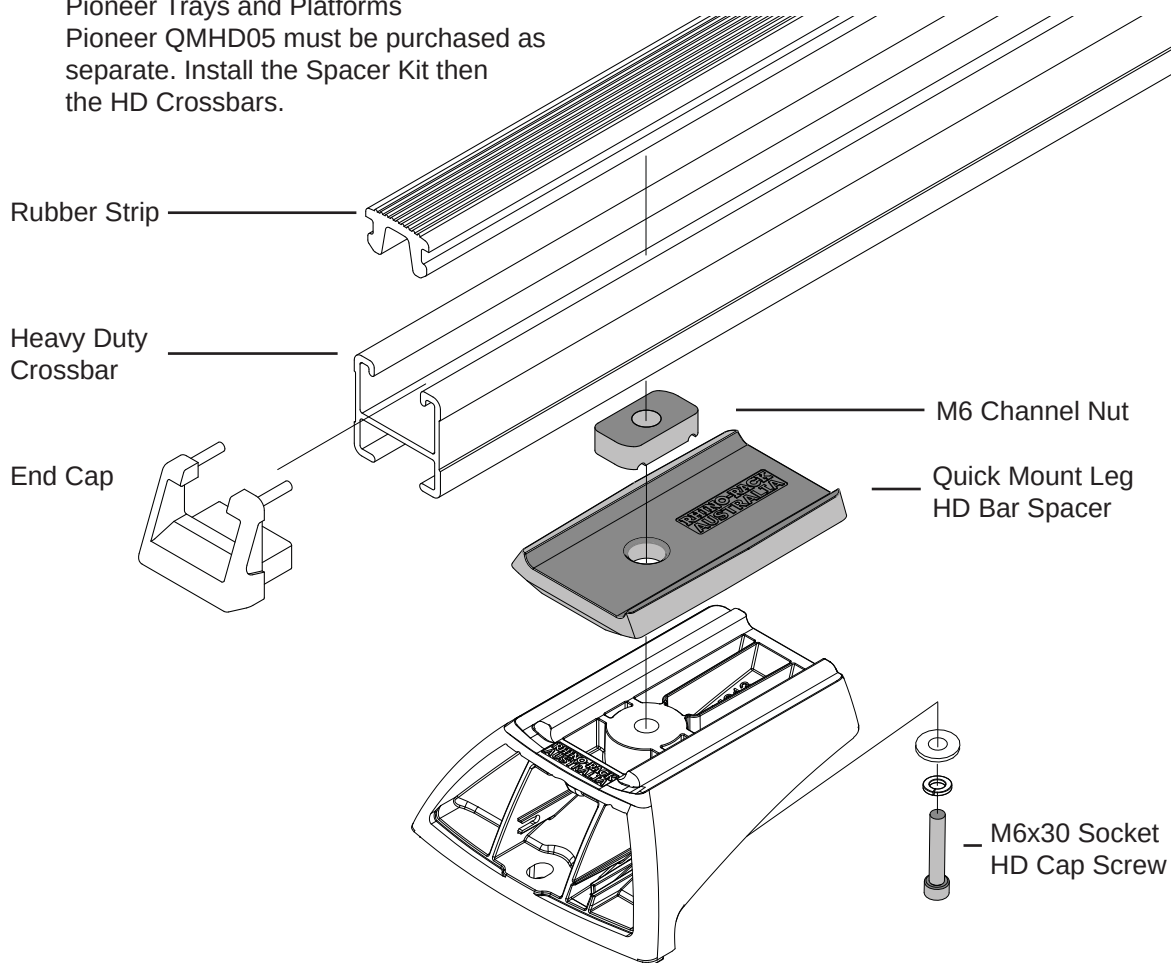
- 7** Insert the Crossbar End Caps and lock in place. Replace the Allen Key and Leg Cover. Lock the Leg Cover Plate with the key provided. Be sure all fixtures are secure before use.



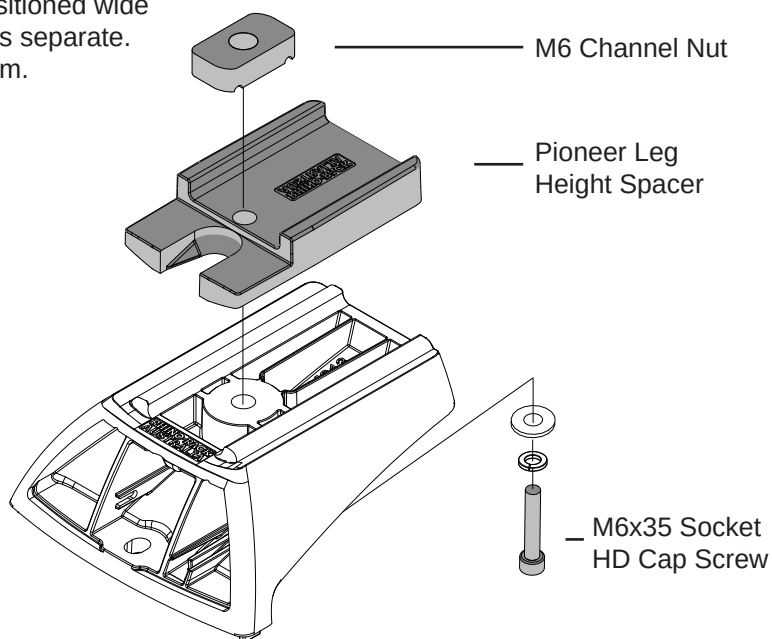


RCL, RCH 2,4,6 Kits

Note To fit Legs to Heavy Duty Crossbars, Pioneer Trays and Platforms Pioneer QMHD05 must be purchased as separate. Install the Spacer Kit then the HD Crossbars.



To fit Legs to Pioneer Trays/ Platforms, positioned wide on vehicle, QMPS10 must be purchased as separate. Install the Spacer Kit then the Tray/ Platform.



Check all fixtures are secure before use.

