

ROLLA

FITTING INSTRUCTIONS FOR
SSANGYONG ACTYON
ANCHOR POINT EXTENDED ROOF RACK
PART NUMBER: ***APEX203-3***
FITTING TIME: EST. 60 MINUTES





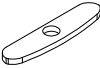

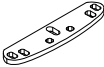


LOADING CAPACITY: **100kg**





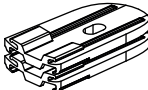

ISSUE: A

ISSUE RELEASE DATE: 02/12/2025

KIT DRAWING AND CONTENTS

	QUANTITY PER LOCATION				QUANTITY PER LOCATION		
	FRONT	MIDDLE	REAR		FRONT	MIDDLE	REAR
 END SUPPORT (27-0752)	2	2	2	 M6 x 30 STAR BOLT (22-0352)	2	2	2
 UNDER-COVER STRIP	1	1	2	 M6 COUPLING NUT (22-0970)	2	2	2
 FOAM PAD (27-0748)	2	2	2	 WASHER (22-0043)	2	2	2
 WEDGE (27-0989)	2	2	2				


BKA & BKB - KIT CONTENT

	FRONT	MIDDLE	REAR		FRONT	MIDDLE	REAR
 M8 HEX BOLT (22-0139 & 22-0522)	2	2	2	 SLUG NUT (27-0116)	2	2	2
 M8 x 25 x 1.6 WASHER (22-0186)	2	2	2	 M8 SPRING WASHER (22-0162)	2	2	2
 SPACER BLOCK (27-0229)	0	0	4	 M8 HEX NUT (22-0139)	2	2	2

APEX FITMENT

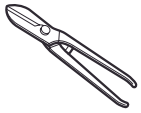
	QUANTITY PER CROSSBAR
 SPORTS END CAP (27-0782)	2
 ROLA LOCK & KEY (22-0600)	2
 SPORTS CROSS-BAR	1

TOOLS SUPPLIED

	QUANTITY
 T27 STAR POST KEY (22-0811)	1

Prior to Assembly, check that your Roof Rack Box contains all the parts as listed above. Ensure the vehicle roof is clean and dry. Use Knife to cut through the packaging polybags.

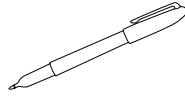
TOOLS REQUIRED



Cutting Tools



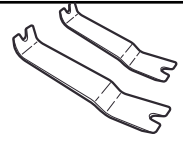
Ladder



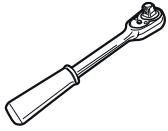
Marker



10 & 13 mm Socket



Trim Removal Tools



Ratchet



Spanner (13mm)

STEP 1

Gain access to the passenger side of the vehicle.

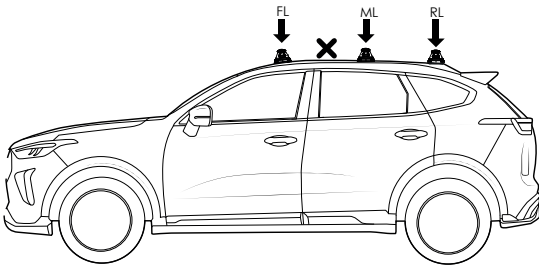
Locate the factory rail on the vehicle's roof containing 4 sets of anchor point covers.

It is recommended to select the location Front Left (FL), Middle Left (ML) and Rear Left (RL). Skip the anchor point between FL & ML.

Repeat the steps above for the driver's side and select location Front Right (FR), Middle Right (MR) and Rear Right (RR).

Tools Used:

Ladder



STEP 2

Using a sharp plastic trim removal tool remove the required anchor point covers to expose the anchor point bolts in the roof.

The Bolts are covered with a flange nut, use a 10mm deep socket to remove them.

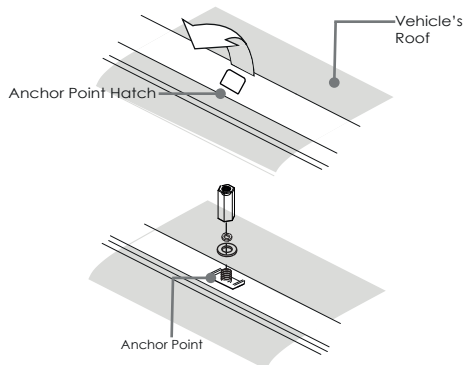
Place the coupling nut over the spring washer and flat washer as shown in the image and use a 13 mm spanner to tighten.

Tools Used:

10 mm Deep Socket

Plastic Trim Removal Tool

13mm Spanner



STEP 3

Locate the roof rack end supports.

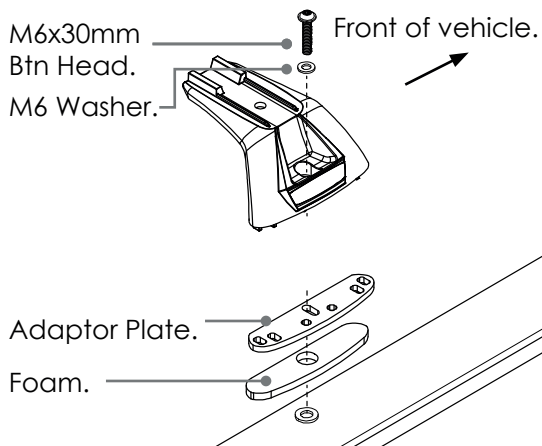
For the front roof racks, assemble the end support as shown in the image and place over the front anchor points.

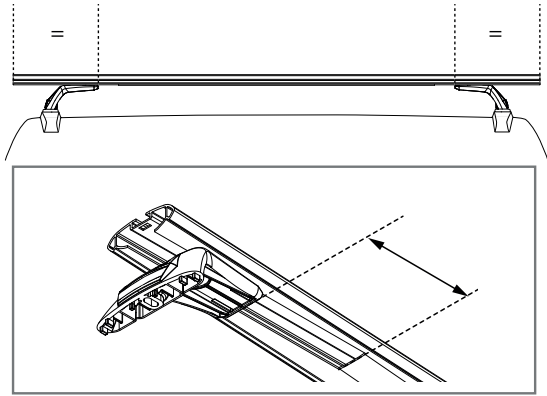
Tighten the M6x30mm Button Head Screw.

Torque to a 7Nm or firm hand tightness.

Tools Used:

T-27 Star Allen Key



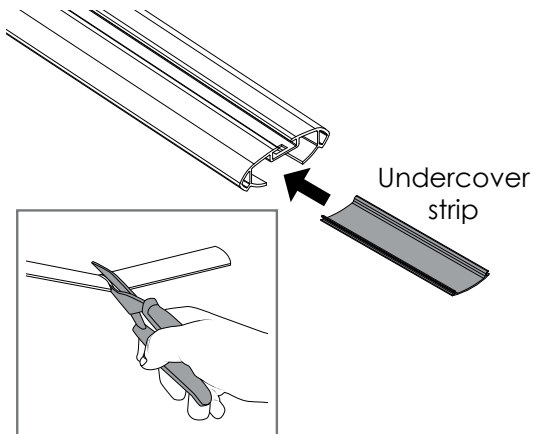


STEP 4

Place the crossbars onto the installed end supports & ensure they are evenly spaced across the width of the vehicle.

Measure and record the cutout gap on the crossbar.

Tools Used:
Marker

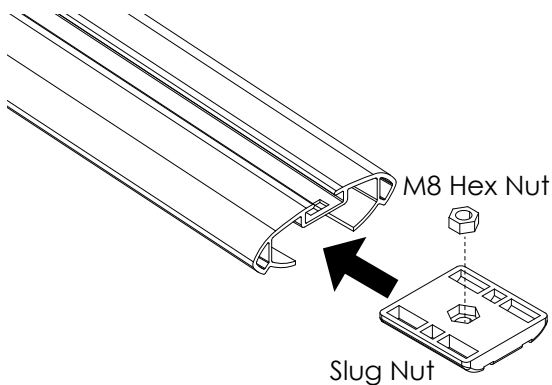


STEP 5

Using the measurement taken above, cut the undercover strip to match the measurement taken above.

Slide the cut sections of the undercover strip into the crossbar, repeat for all crossbars.

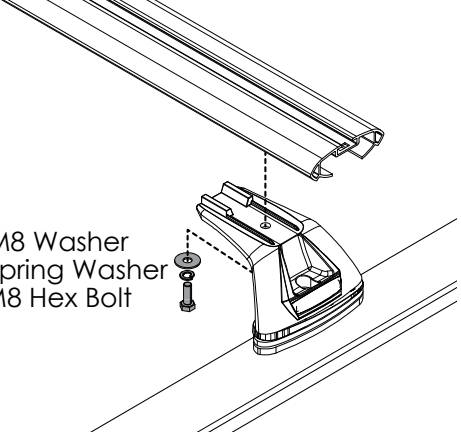
Tools Used:
Cutting Tool



STEP 6

Insert the M8 Hex Nut into the cavity of the M8 Slug Nut.

Insert the Slug Nut into the side of the crossbar as shown in the image, repeat for all crossbars.



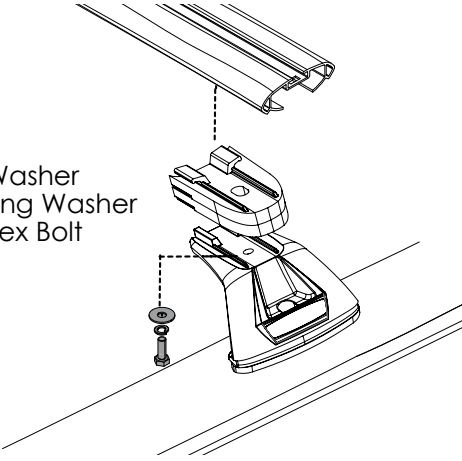
M8 Washer
M8 Spring Washer
M8 Hex Bolt

STEP 7

Refit the crossbar to the End Supports using the M8 Hex Bolt, M8 Spring Washer & M8 Flat washer together and fasten through the mounting hole as shown in the image.

Ensure the alignment of the Genuine KGM Roof Rack is even.

Tools Used:
13 mm Socket with a Ratchet



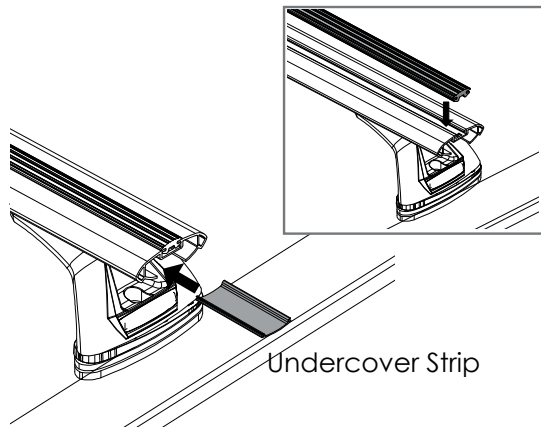
M8 Washer
M8 Spring Washer
M8 Hex Bolt

STEP 8

For the rear positions (RR & RL) use the two spacer blocks supplied as shown in the image.

Ensure to use the longer M8 bolts supplied with the pack and along with the M8 Spring Washer & M8 Flat washer fasten through the mounting hole.

Tools Used:
13 mm Socket with a Ratchet

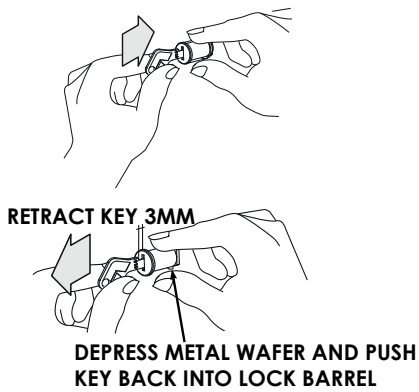


STEP 9

Slide the remaining sections of the undercover strip into the remaining gap of the crossbar and cut to length.

Insert the Buffer Strips into the top C-channel of the crossbar.

Tools Used:
Cutting Tool



STEP 10

Locate and obtain the crossbar end caps and lock barrels, to assemble the lock barrel in the end caps, fully insert the key into the lock barrel.

Pull the key out of the lock barrel approximately 3mm. With the key in this position, depress the last large metal wafer before fully re-inserting the key.

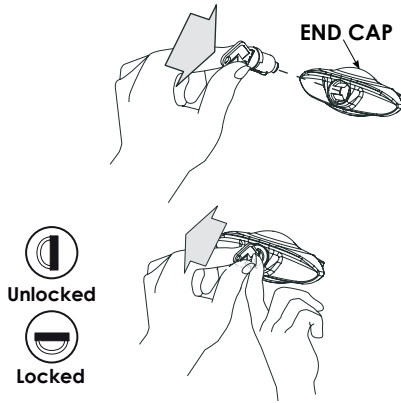
Release from the metal wafer and ensure all the metal wafers are now contained within the cylinder of the lock barrel.

STEP 11

Insert the key and lock barrel assembly into the lock cavity of the end cap until the lock barrel is fully inserted.

Leave the barrel unlocked for assembly, repeat for all end caps.

Record key numbers, so replacement keys can be supplied if misplaced.



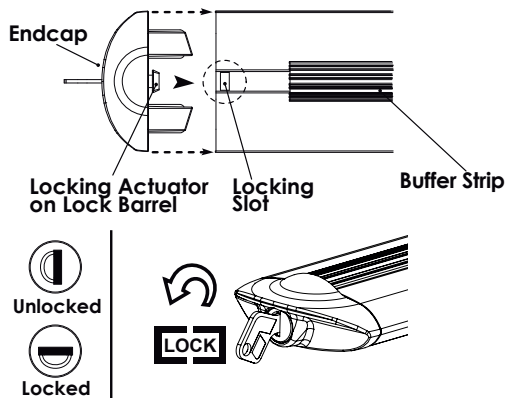
STEP 12

Pull back the buffer strip to allow access to the end of the crossbar. Insert the endcap into the crossbar by locating the 'two' feet of the endcap into the void inside the crossbar.

Push through until the endcap edge comes to rest against the edge of the crossbar.

This is important as the locking actuator inside the end cap has to locate with the locking slot on the crossbar, repeat for all crossbars.

Check all fasteners, keep the Fitting Instructions in the glove box of vehicle after installation.



USAGE INSTRUCTIONS

It is essential for the proper assembly, operation and use of the Roof-rack that the instructions and safety precautions supplied are strictly observed. The Maximum permissible load for your Roof Bar is the lower of the maximum load capacity specified in your vehicle operation manual, or specified as applying to the Roof-rack. Do not exceed the maximum specified Load capacity.

Maximum Permissible Load = Weight of the Roof-rack + Weight of Accessories + Weight of Load(Cargo).

When fitting the Roof-rack and transporting a load, ensure the vehicle's functions are not impaired (eg. sunroof, aerials, windscreen wipers, mirrors). Rear doors on Hatch - and wagon-type vehicles should be inspected for adequate clearance for full opening operation of the boot/tailgate.

Stop and check all screw connections, bolts and retaining straps after a short distance of travel. Repeat these checks at regular intervals.

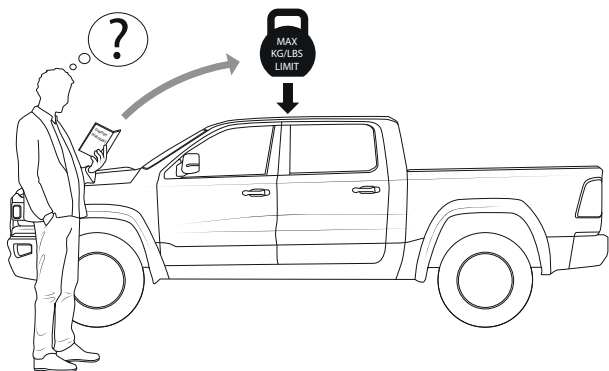
WARNINGS

Remember that the fitting of a Roof-rack and the transport of a load increases the overall height of the carrying vehicle.

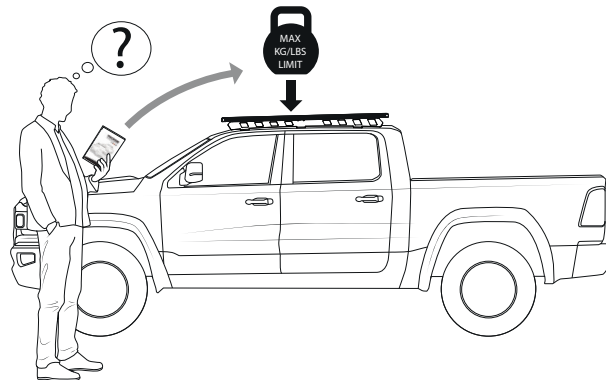
Where the roof-rack is to be used in off-road conditions, a safety weight reduction of 1.5 should be observed from the total carrying capacity (eg. 60kg becomes 40kg).

ROLA will not be liable to the purchaser of any other person for any consequential, direct or indirect loss, damage or costs incurred or suffered by the purchaser or any other person including but not limited to damage to persons or property, loss of turnover, loss of profits, loss of business or goodwill arising from or in relation to the assembly and use of the Roof-rack, or the non-observance of the fitting and care instructions.

Manufacturers roof weight limit - rack system weight = Max carrying capacity.

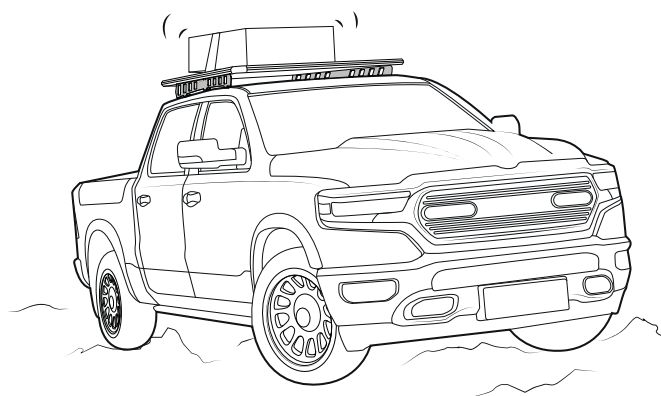


Cross reference with system max carrying capacity. **Always use the lower of the two figures.**



IMPORTANT - Off-road load rating reduction.

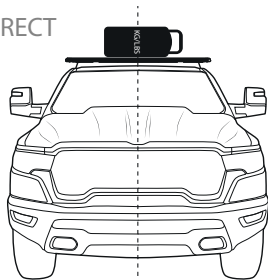
System	Track Mount	Anchor Point	Gutter Mount	Raised Rail	Flush Rail	Clamp Mount
Platform+ Ridge Mount	0%	0%	25%	0%	N/A	N/A
Platform+ Low Mount	33%	33%	33%	33%	33%	50%
Sports Extended	33%	33%	33%	33%	33%	50%
Sports Concealed	33%	33%	33%	33%	33%	50%



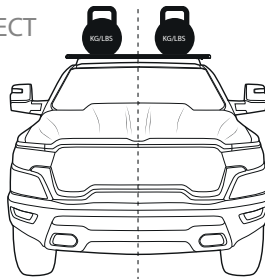
CARE FOR YOUR RACKS

Distribute carried load evenly longitudinally and as low as possible.

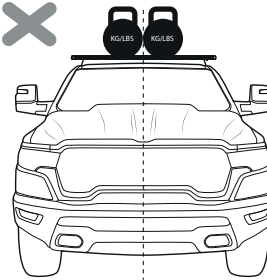
CORRECT



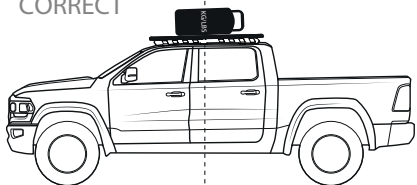
CORRECT



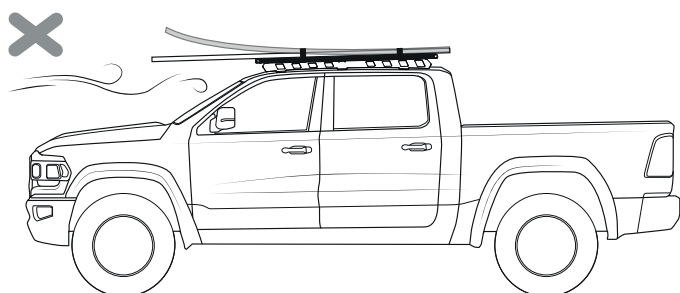
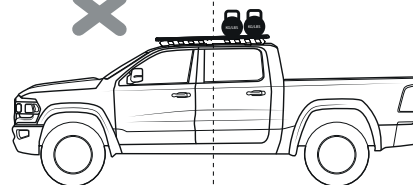
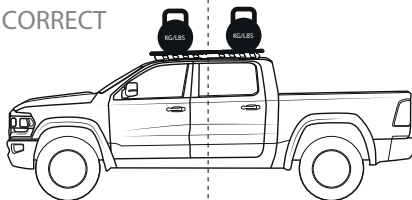
Do not concentrate loads front or rear.



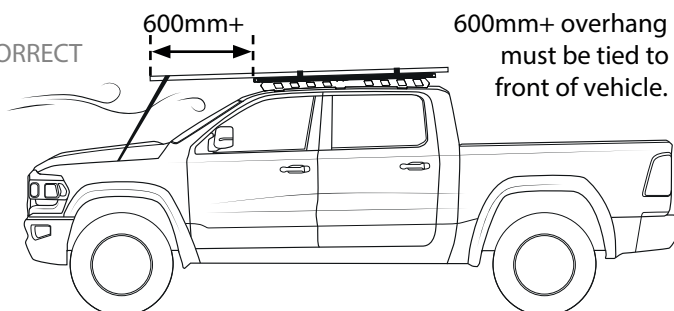
CORRECT



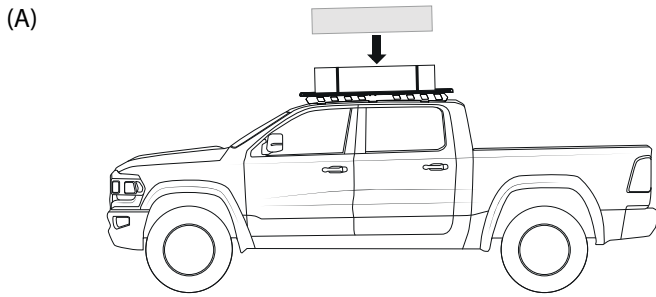
CORRECT



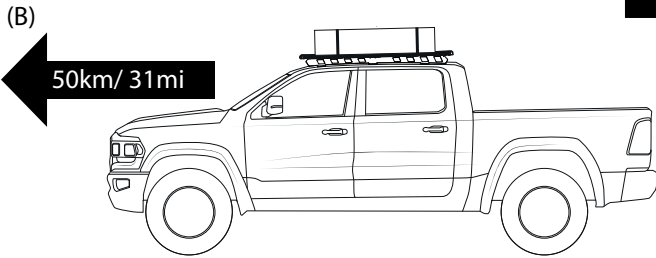
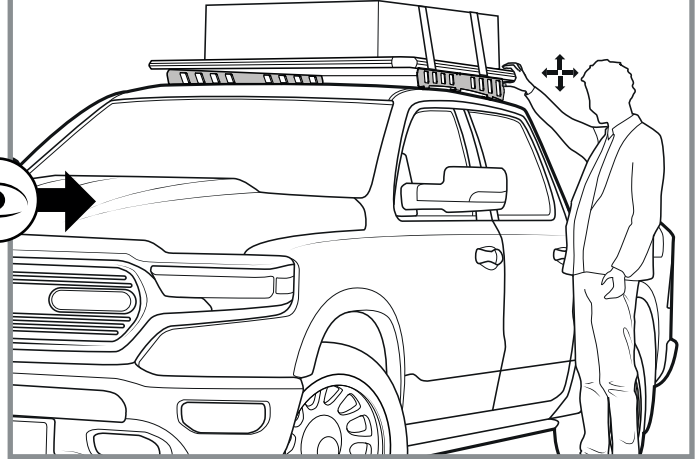
CORRECT



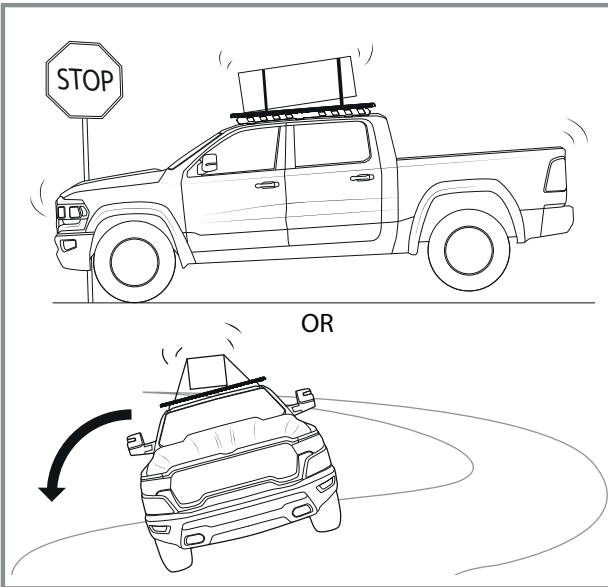
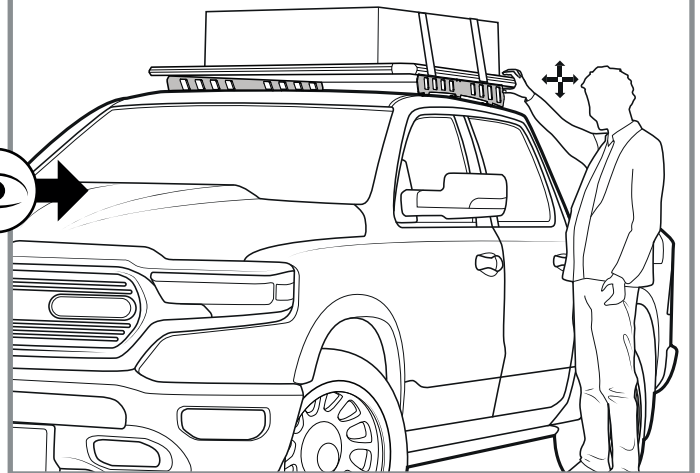
600mm+ overhang must be tied to front of vehicle.



Check all fixtures are secured and torqued correctly.

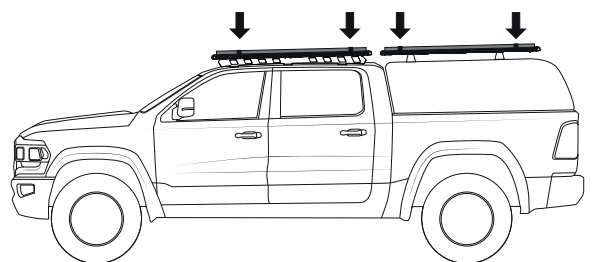
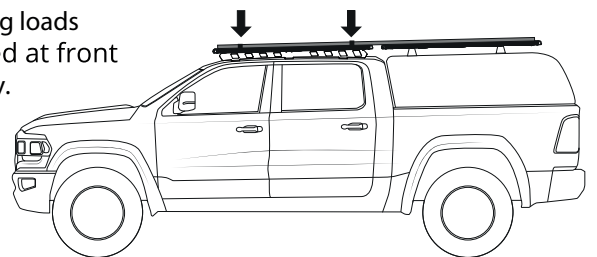


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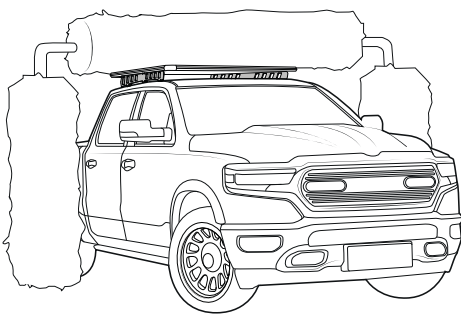


Cab and canopy can move independently, do not fix load across both.

Long loads fixed at front only.



X
Do not use car-wash with roof rack systems.



Be aware of adjusted vehicle height.

