CALI RAISED

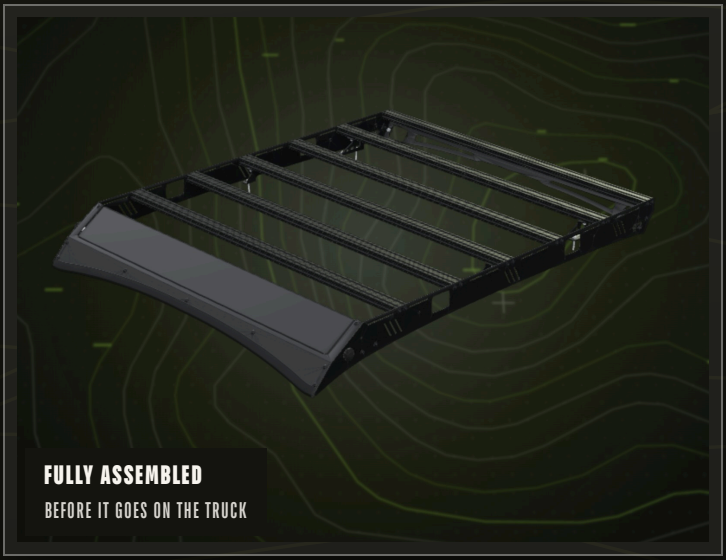
PART CR2755

REV B · 2026-11-11

INSTALLATION GUIDE

2005–2023 TACOMA PREMIUM ROOF RACK

2005–2023 TOYOTA TACOMA · DOUBLE CAB · 8 STEPS



FULLY ASSEMBLED
BEFORE IT GOES ON THE TRUCK

A low-profile, bolt-on roof rack for the 2005–2023 Tacoma Double Cab, with an adjustable wind visor up front.

- Mounts to the factory roof holes. No drilling.
- 500 lb dynamic · 1,000 lb static.
- Four mounts on the T-slot rails plus the two front mounts.
- Wind visor tilts to cut wind noise and hide a light bar.

PLAN FOR

Two people to lift the rack onto the truck. You build the whole rack on the ground first (steps 1–6).

MOUNTS	TOOLS	DRILLING
10 FACTORY HOLES	4 MM ALLEN · 7/16" · 9/16" · 10 MM	NONE

INSTALL VIDEO & PRODUCT PAGE

Scan for the install video, specs and help.

FABRICATED IN-HOUSE IN FORT WORTH, TEXAS

CALIRAISEDLED.COM

HARDWARE + TOOLS

BOLTS

4	**1/4" x 1/2" button-head bolts**	Rear valance
9	**1/4" x 5/8" button-head bolts**	Front valance, L-brackets
8	**1/4" x 3/4" button-head bolts**	Front mounts, side panels, L-brackets
24	**1/4" x 1" button-head bolts**	Rail ends
12	**1/4" x 3/4" carriage bolts**	Mounts (8 used)
2	**3/8" x 1-1/4" hex bolts**	Wind visor pivots
10	**M6 x 50 hex bolts**	Roof mounts

SPACERS + MORE

10	**1/4" x 1" aluminum spacers**	Roof holes
2	**1/4" x 29/32" aluminum spacers**	Visor knob pins
2	**Knobs**	Wind visor angle
1	**Weather strip**	Front valance edge
4	**Threaded bump stops**	Spare

NUTS + WASHERS

65	**1/4" black washers**	With every 1/4" bolt
32	**1/4" locknuts**	12 used on this rack
4	**1/4" T-slot nuts**	Rear valance
2	**3/8" silver washers**	Visor pivots
4	**3/8" bronze oil bearing washers**	Visor pivots
2	**3/8" locknuts**	Visor pivots
10	**M6 washers**	Roof mounts

TOOLS YOU SUPPLY

4 mm Allen key	1/4" button-head bolts
7/16" wrench	1/4" locknuts
9/16" wrench + socket	Visor pivot bolts
10 mm wrench + socket	M6 roof bolts
Tape measure	Center the rack on the roof
Flat pry tool	Roof trim strips + hole seals
Silicone sealant	Roof holes. Recommended, not included
Hammer + cutters	Seat + trim the weather strip

READ THIS FIRST

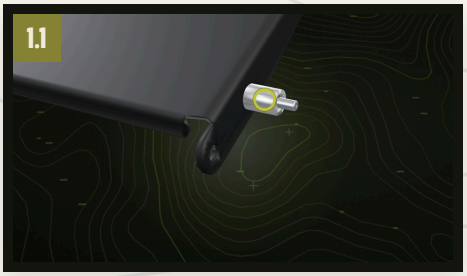
Build the whole rack on the ground, then put it on the truck with two people. Snug the hardware as you go. You tighten the frame in step 6, and the four rail mounts and the roof bolts last, in step 8, after the rack is centered.

Expect spare hardware. The kit is shared with the 2024+ Tacoma rack: 4 carriage bolts, 4 bump stops and some 1/4" washers and locknuts are not used here.

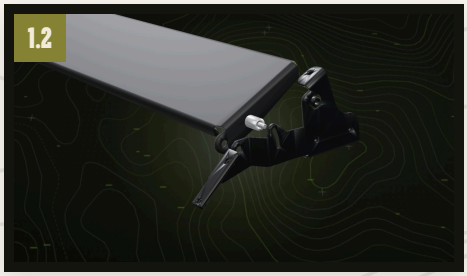
DRIVER SIDE, THEN PASSENGER · 9/16"

1 WIND VISOR ON THE FRONT MOUNTS

Pivot bolts only get snug. Don't fully tighten them. The visor has to move.



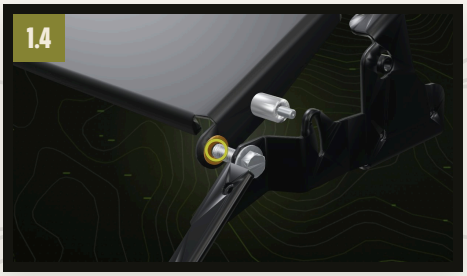
Aluminum spacer (1/4" x 29/32") onto the knob pin.



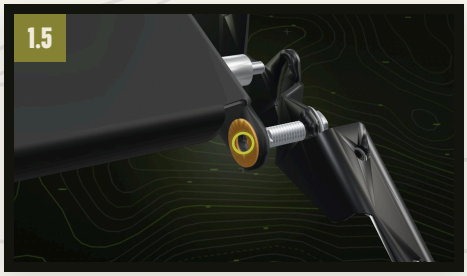
Front mount over the pin, the pin through its slot.



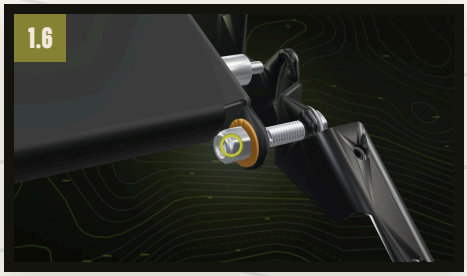
3/8" hex bolt + silver washer start it through the mount from outside.



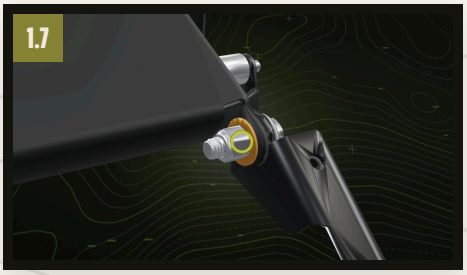
Bronze oil bearing washer in the gap between the mount and the visor.



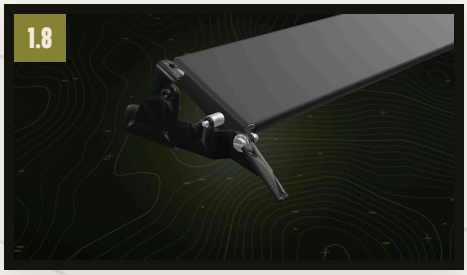
2nd bronze oil bearing washer against the inside of the visor.



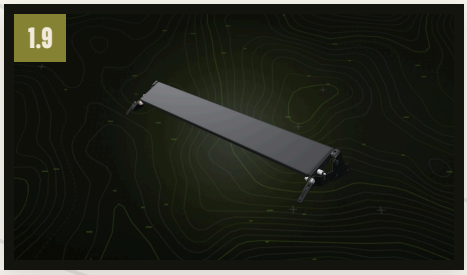
3/8" locknut hold it on the washer.



Bolt through the visor and washer into the locknut. 9/16" wrench, snug.



Passenger side same stack, same order.



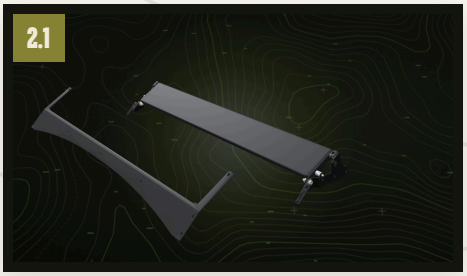
Check: both pivots snug, the visor still moves.

2

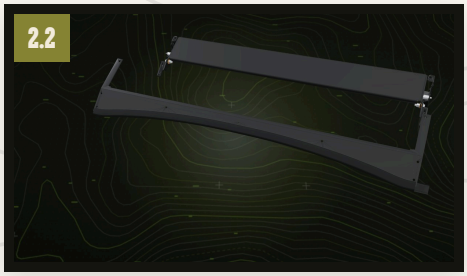
WEATHER STRIP · VALANCE SUPPORT · 4 MM · 7/16"

FRONT VALANCE

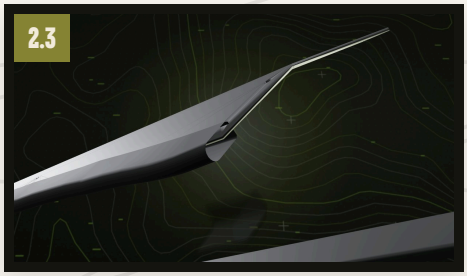
Tighten all the black hardware on the front assembly, then set it aside.



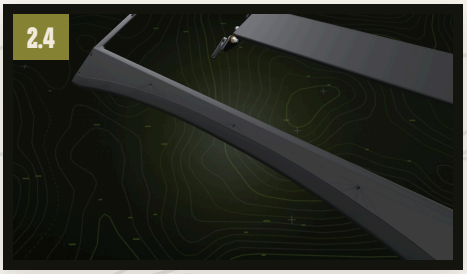
Front lower valance on the bench.



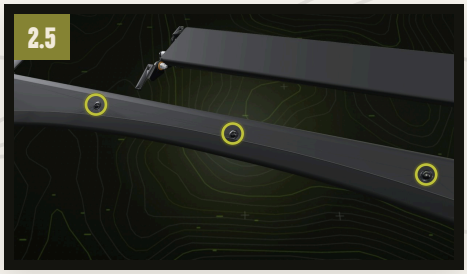
Weather strip pushes onto the bottom edge, following the curve.



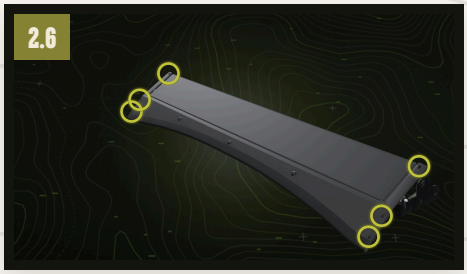
Trim the extra flush with the edge.



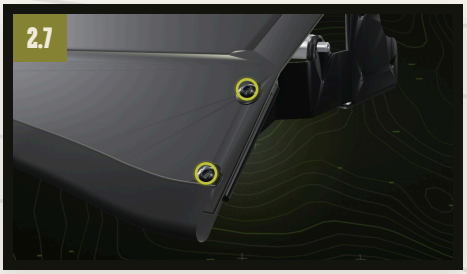
Valance support comes up under the valance, flange down.



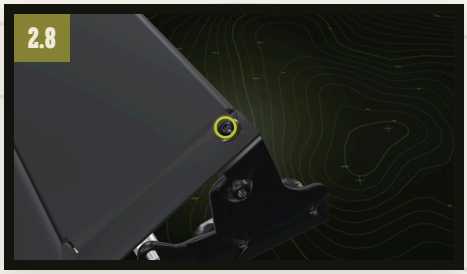
3 x 5/8" button-heads + washers through the valance into the support's PEM nuts.



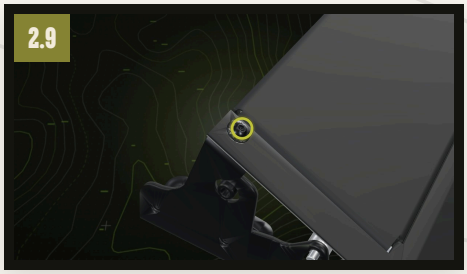
Valance between the front mounts, holes lined up.



Driver end: 2 x 5/8" button-heads + washers into the mount.



3/4" button-head on top: washer above, washer + locknut below.



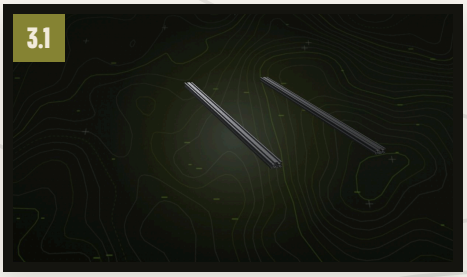
Passenger end: repeat 2.7–2.8 (2 end bolts, top bolt).

3

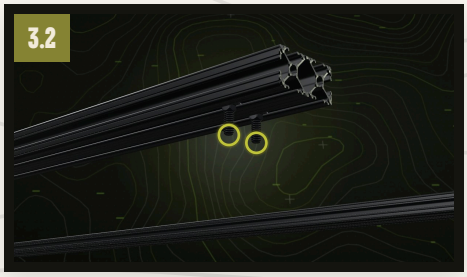
CROSSBARS 3 + 5 · 4 MOUNTS · 7/16"

MOUNTS ON THE T-SLOT RAILS

Don't fully tighten the mounts. They slide to line up with the roof and get tightened in step 8.



Crossbars 3 and 5 get the mounts, counting from the front.



2 x 1/4" x 3/4" carriage bolts into the rail's bottom slot.



Mount 1 of 4: middle mount over the bolts, open side out.



1/4" washer + locknut on each bolt. 7/16" wrench.



Snug only. The mounts slide to line up with the roof.



Mount 2 of 4: rear mount on crossbar 5, same bolt stack.



Mounts 3–4, passenger side: repeat 3.2–3.6.

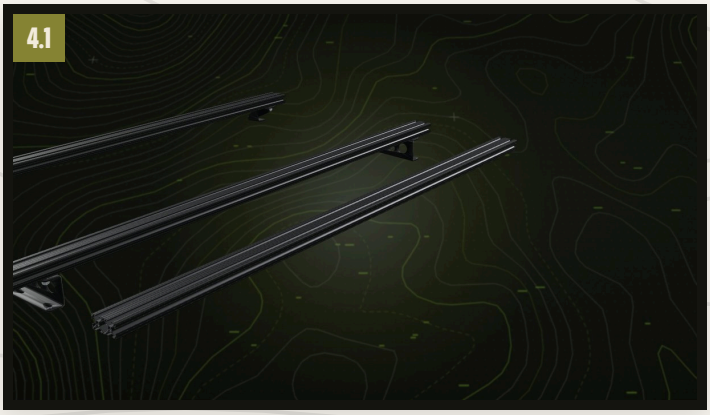


All 4 mounts on. Don't fully tighten.

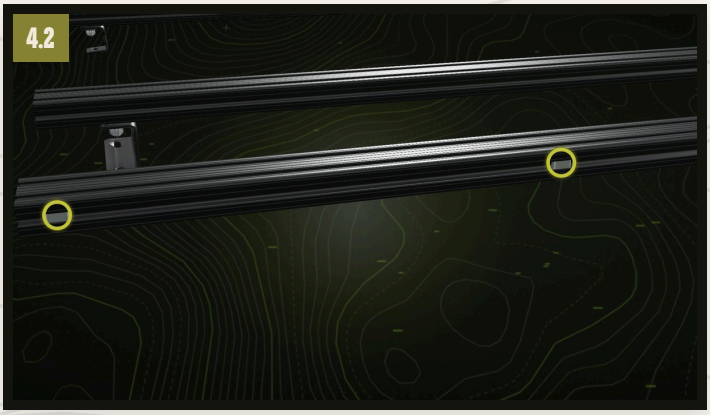
4

LAST RAIL · 4 T-NUTS · 4 MM

REAR VALANCE



The last T-slot rail.



2 T-nuts into the rear track from the driver end.



2 more T-nuts from the passenger end. 4 total.



Rear valance over the T-nuts.

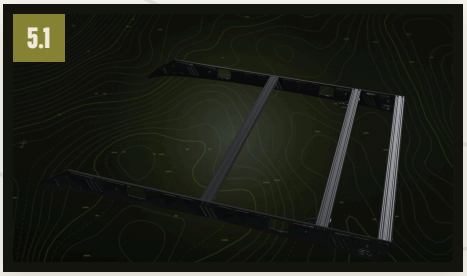


4 x 1/2" button-heads + washers, one into each T-nut.

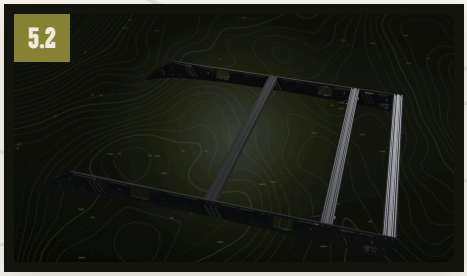
5

BOTH SIDES · 24 RAIL-END BOLTS · 4 MM

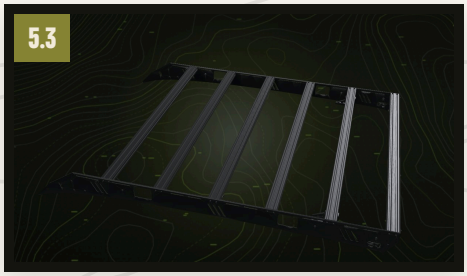
RAILS + SIDE PANELS



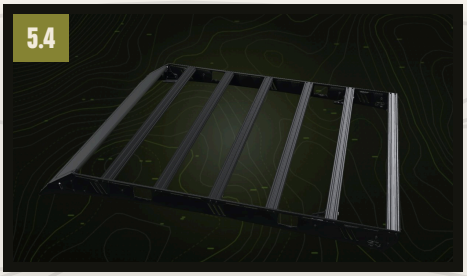
Side panels.



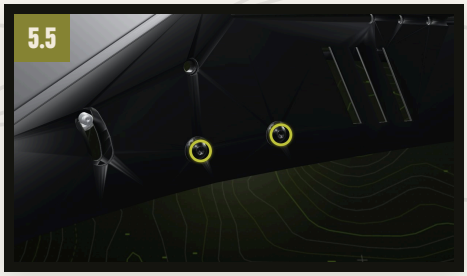
Mount crossbars go 3rd and 5th: middle mounts on crossbar 3, rear mounts on crossbar 5.



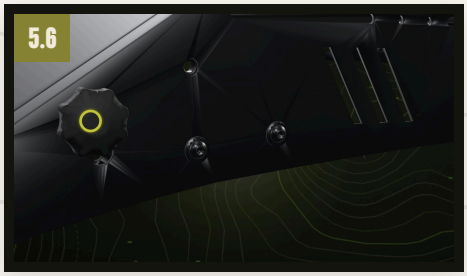
Plain rails go 1st, 2nd and 4th. The rear-valance rail goes last.



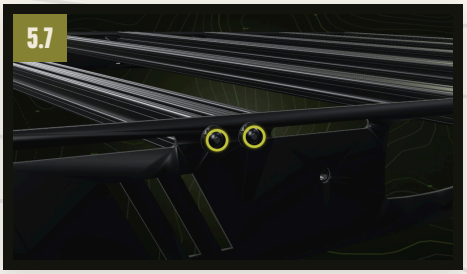
Front assembly between the side panels.



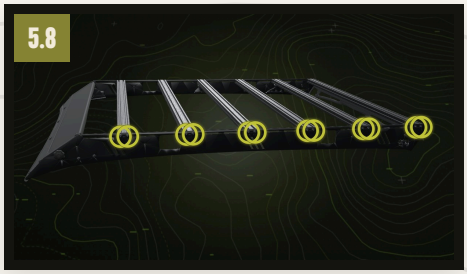
2 x 3/4" button-heads + washers per side, into the front mount.



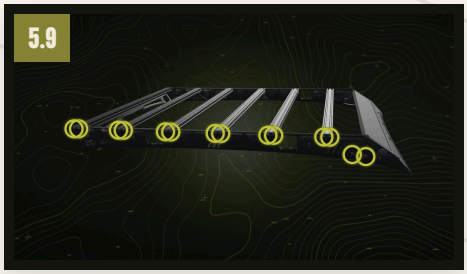
Wind visor knob onto the pin. Snug.



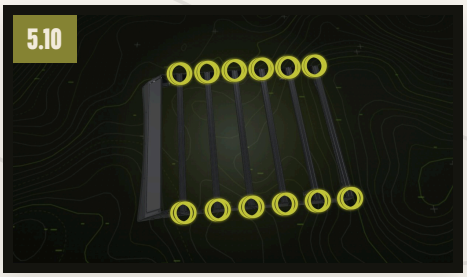
1/4" x 1" button-head + washer, 2 per rail end.



Driver side: 12 rail-end bolts, 2 at each rail end.



Passenger side: repeat 5.5–5.8 (2 front bolts, knob, 12 rail-end bolts).



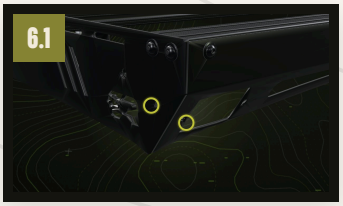
All 24 rail-end bolts in, 12 per side.

6

BOTH REAR CORNERS · 4 MM · 7/16"

L-BRACKETS, TIGHTEN THE FRAME

Tighten the frame now. Leave the 4 rail mounts a little loose until the rack is centered on the truck.



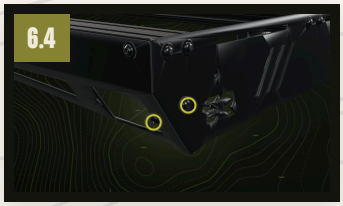
L-bracket in the rear corner.



5/8" button-head + washer through the side panel into the PEM nut.



3/4" button-head + washers + locknut through the rear valance.

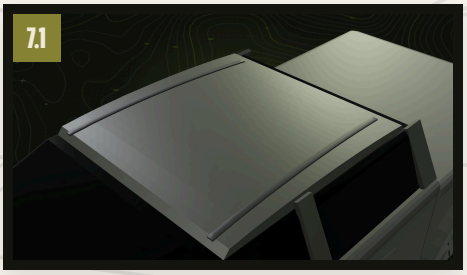


Passenger corner: repeat 6.1–6.3.

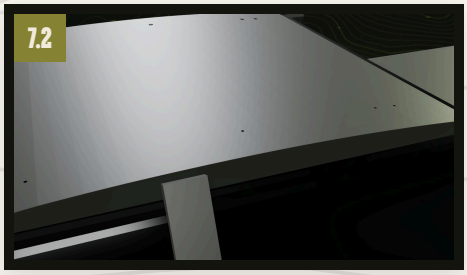
7

FLAT PRY TOOL · 10 HOLES · 10 SPACERS

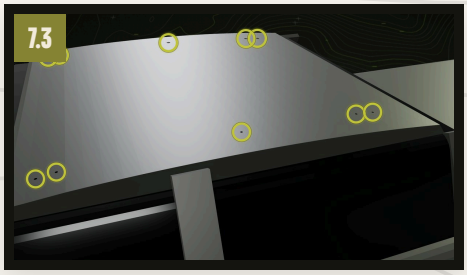
PREP THE ROOF



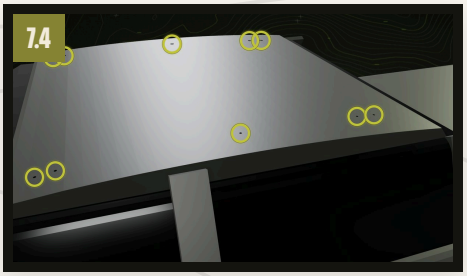
Roof trim strips come off, both sides.



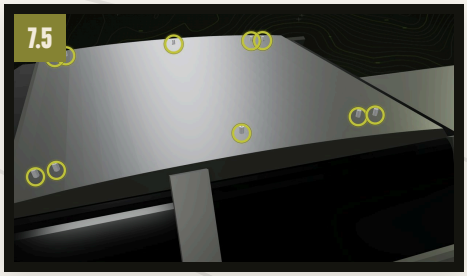
Pry up the front clip and peel the strip back.



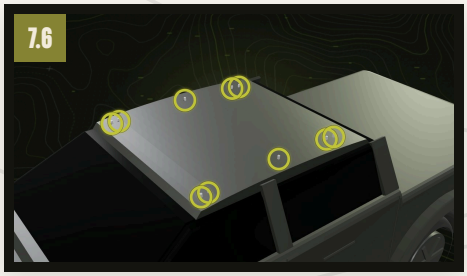
Peel or puncture the seal on every hole. 5 per side.



Silicone around every hole before the spacers go on. Recommended, not included.



1/4" x 1" aluminum spacer on every hole.

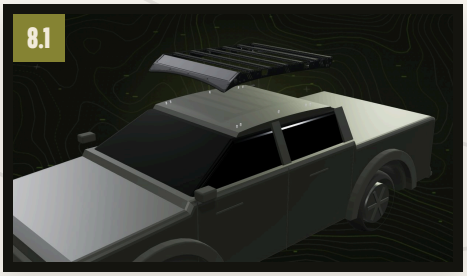


All 10 spacers on.

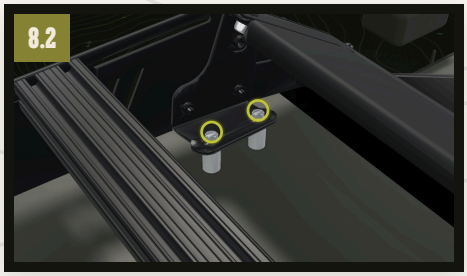
8 RACK ON, SECURE + TIGHTEN

TWO PEOPLE · 10 MM · 7/16"

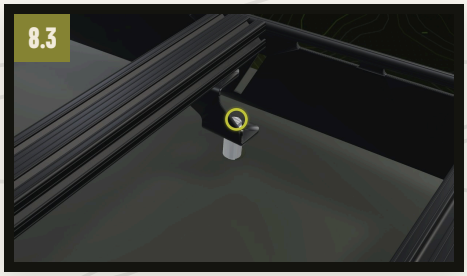
Centered? Tighten the carriage bolts on the 4 rail mounts, then the 10 M6 bolts.



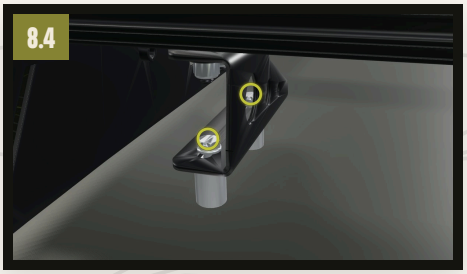
Two people: lift it over the front and set it straight down onto the spacers.



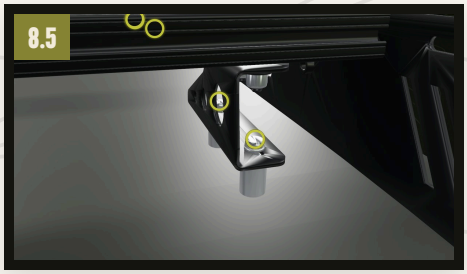
M6 x 50 hex bolt + M6 washer, 2 in the driver front mount.



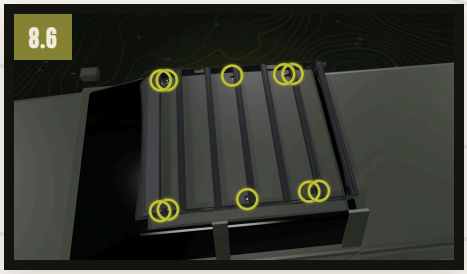
Driver middle mount: 1 M6 bolt + washer.



Driver rear mount: 2 M6 bolts + washers. One sits under the rail.



Passenger side: repeat 8.2–8.4 (2 front, 1 middle, 2 rear).



All 10 M6 bolts in, 5 per side. Still loose.

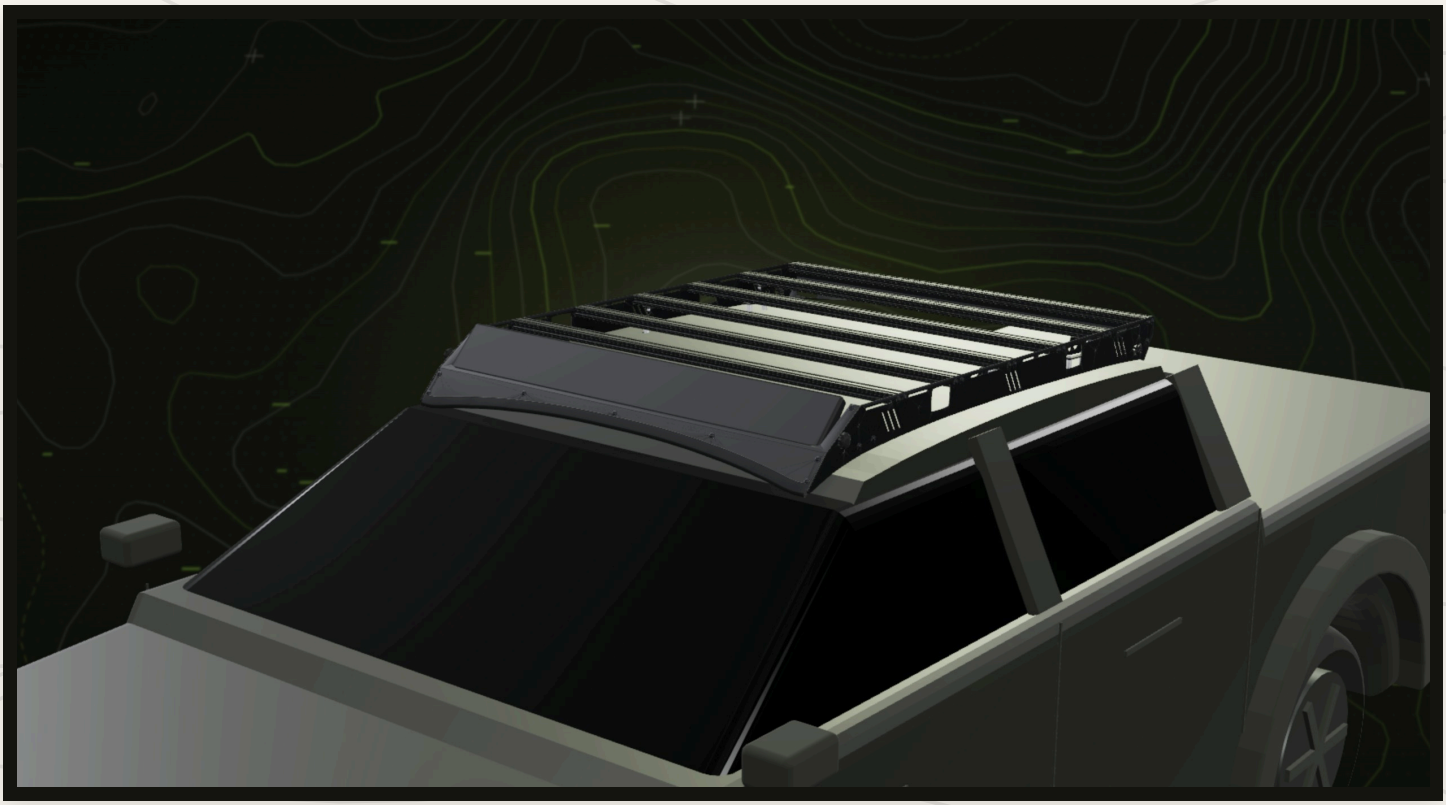


Center it: same gap to the roof line on both sides.



Tighten the carriage bolts on the 4 rail mounts, then the 10 M6 bolts.

YOU'RE DONE



CHECK YOUR WORK

- Both visor pivots snug. The visor tilts with the knobs.
- Front valance hardware tight, weather strip on the edge.
- 4 mounts on crossbars 3 and 5, tightened after centering.
- Rear valance: 4 bolts into 4 T-nuts.
- 24 rail-end bolts, 12 per side.
- Both L-brackets bolted and tight.
- 10 spacers under 10 M6 bolts, 5 per side.
- Same gap to the roof line on both sides.

SUPPORT

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