ROOF RACK ACCESSORIES

INSTALL INSTRUCTIONS

REVISION D
15 MAY 2024

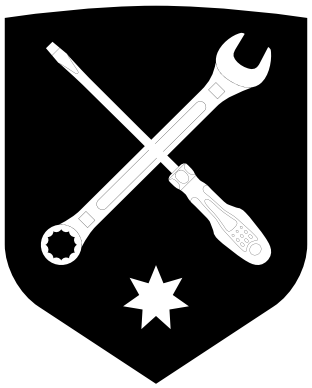


TABLE OF CONTENTS

	PAGE
PRE-INSTALLATION	*3*
10x T-NUTS [BLACK]	**4**
2x TIE-DOWN PLATES	**5**
ADJUSTABLE LOAD RAILS [SHORT+MID]	**7**
ADJUSTABLE LOAD RAILS [LONG]	**7**
ATTACHMENT EXAMPLES (ADJUSTABLE LOAD RAILS)	*10*
MAINTENANCE & SUPPORT	*11*

PRODUCT INFORMATION

MODULAR DESIGN + GROUNDBREAKING CONFIGURABILITY

The modular nature of Chief Products' Roof Racks and Roof Rack Accessories, gives the user a vast amount of options depending on the application required. T-Nuts, Tie-Down Points, and Adjustable Load Rails can be quickly and easily repositioned as needed.

EXTENSIVE MOUNTING LOCATIONS

Chief Products' Roof Racks and Roof Rack Accessories, provide extensive mounting locations that can be used to easily mount most aftermarket accessories (Recovery Boards, Bike Holders, Jerry Can Holders, Kayaks, etc.).

IMPORTANT

PROPER INSTALLATION IS ESSENTIAL TO THE PERFORMANCE OF THIS PRODUCT.

ONLY INSTALL THIS PRODUCT ON CHIEF PRODUCTS' EQUIPMENT.

ONLY USE THE PROVIDED HARDWARE FOR INSTALLATION.

CHECK PRODUCT REGULARLY FOR DAMAGE. REPLACE IMMEDIATELY AT FIRST SIGN OF DAMAGE.

CHECK FASTENER TIGHTNESS REGULARLY AND TIGHTEN IF REQUIRED.

BEFORE STARTING INSTALLATION

CHECK ALL PARTS HAVE ARRIVED.

CHECK REQUIRED TOOLS.

HELPFUL TIPS

LEFT & RIGHT SIDES ARE DEFINED FROM THE DRIVER'S POSITION.

DO NOT OVER-TIGHTEN FASTENERS.

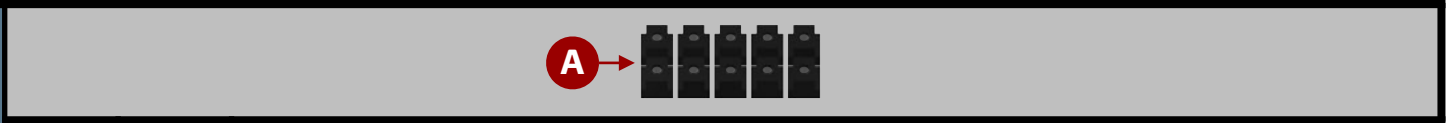
FINAL TIGHTENING OF FASTENERS is best done after fitting all components into place and gradually tightening to achieve the best fit.

ANTI-SEIZE will prevent fasteners from becoming seized and ensure ease of disassembly in future.

PHOTOS ARE REPRESENTATIVE ONLY. Photos may show prototype parts, may be taken from multiple vehicles, and may be different than your vehicle. Due to global vehicle variances, model year changes and differing model options (engine, options, etc.) it is impossible to provide photos that are 100% accurate for all customers.

10x T-NUTS [BLACK] [M6]

SATCHEL



REF	QTY	DESCRIPTION
A	*10*	10x T-NUTS [BLACK] [10.9] [M6]

10x T-NUTS [BLACK] [M8]

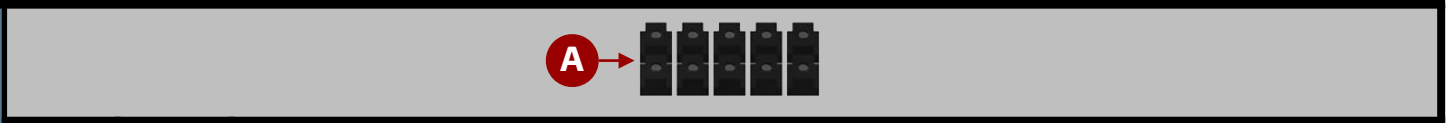
SATCHEL



REF	QTY	DESCRIPTION
A	*10*	10x T-NUTS [BLACK] [10.9] [M8]

10x T-NUTS [BLACK] [M6]

SATCHEL



REF	QTY	DESCRIPTION
A	*10*	10x T-NUTS [BLACK] [10.9] [M6]

10x T-NUTS [BLACK]

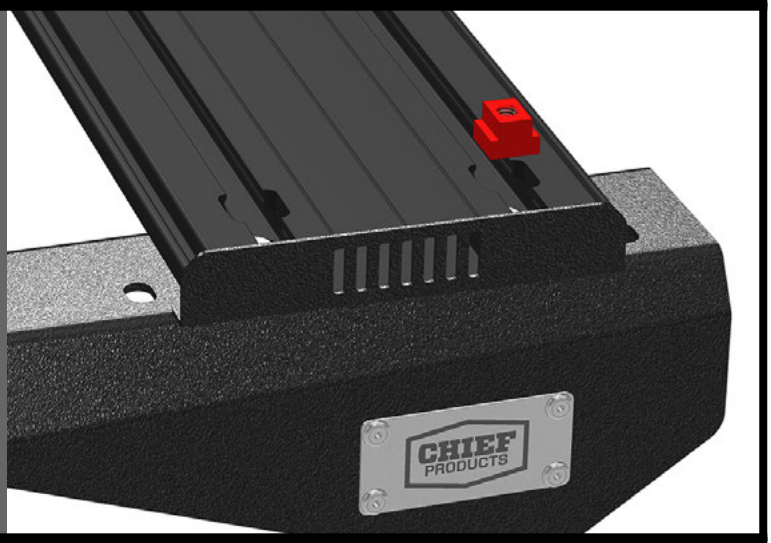
[START]

1 **T-NUTS**

Installing T-NUTS to Planks.

1. When using T-Nuts [**A, B** & **C**] drop them into one of the (2) square holes at the end of each Plank. Slide the T-Nut in the track to the desired position.

NOTE
Only install T-Nuts when they are going to be used, otherwise they will move and make noise. T-Nuts are Grade 10.9 for maximum strength.

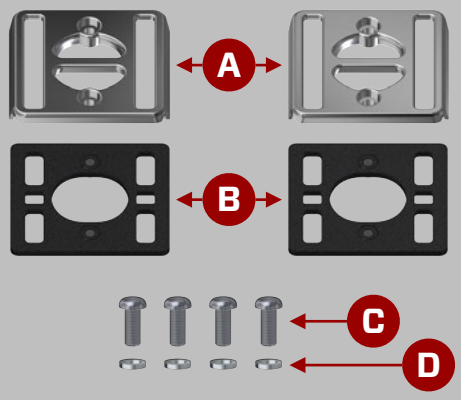


10x T-NUTS [BLACK]

[END]

2x TIE-DOWN PLATES

BOX



REF	QTY	DESCRIPTION
A	*2*	Tie-Down Top
B	*2*	Tie-Down Bottom, Welded Assembly
C	*4*	M8 x 20mm Countersunk CL70 Button Head (SS316)
D	*4*	M6 Wedge-Lock Standard Washer (SS316)

REQUIRED TOOLS

H5 Hex Key

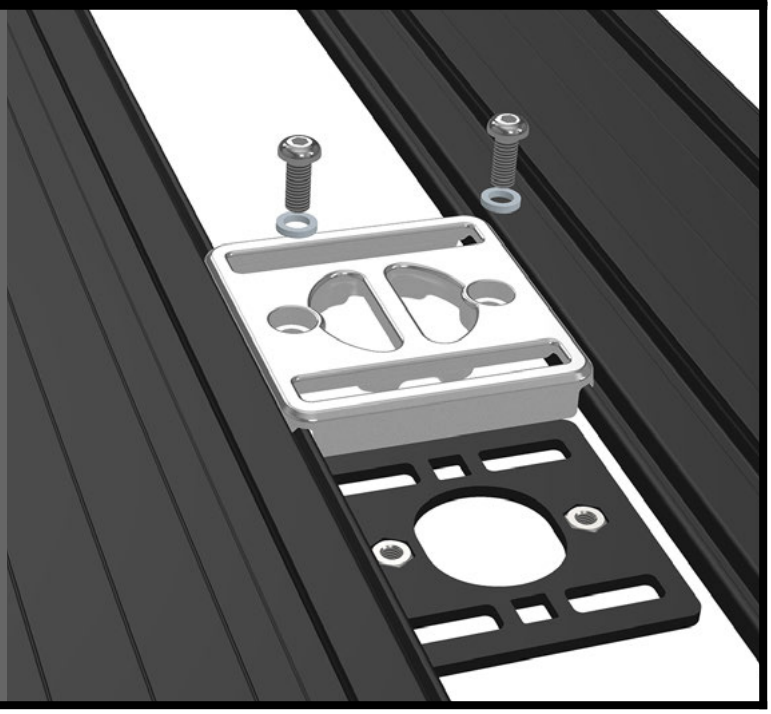
2x TIE-DOWN PLATES

[START]

1 TIE-DOWN PLATES

Install TIE-DOWN PLATE.

1. Install Tie-Down (Top) [**A**] so the edges hook over the edges of the Planks (See Photo).
2. Position Tie-Down (Bottom Plate) [**B**] under Tie-Down (Top) [**A**] with flush face facing upwards.
3. If installing T-Nuts [**A**, **B**, & **C**] into Tie-Down Plate, see Step 2 now.
4. Create (2) Bolt & Washer Combos, by adding (1) M8 Wedge-Lock Standard Washer [**D**] to (1) M8 x 20mm Socket Button Head Screw [**C**].
5. Secure Tie-Down Plate to Planks by inserting Bolt & Washer Combo through Tie-Down (Top) [**A**] and into Tie-Down (Bottom Plate) [**B**].
6. Position Tie-Down Plate in desired location. Tighten fasteners.

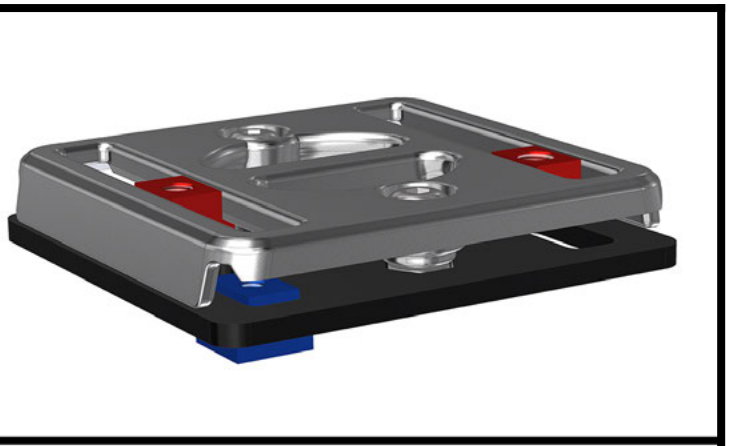


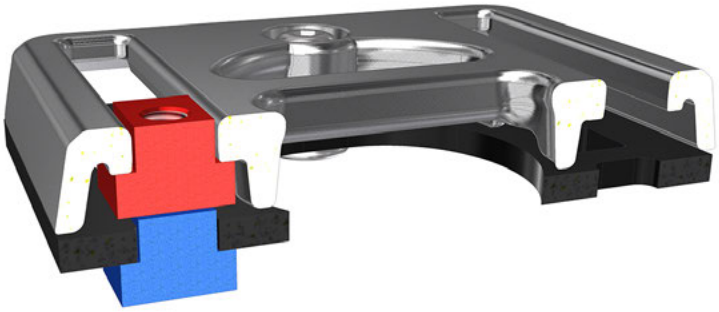
2 TIE-DOWN PLATES

Install T-NUTS.

1. Choose T-Nut location for intended use.
   - Upper position will capture T-Nut [**A**, **B**, & **C**] within the adjustment slot and is suitable for most fastening requirements, (red in photo).
   - Lower position (below Bottom Plate) is not captive but is available for Heavy Duty applications (large spare tyre), (blue in photo).
2. If using Upper Position, position T-Nut [**A**, **B**, & **C**] into adjustment slot, between Tie-Down (Top) [**A**] and Tie-Down (Bottom Plate) [**B**]. Tighten Tie-Down Plate fasteners. T-Nut can slide in adjustment slot, but cannot fall out.
3. If using Lower Position, hold T-Nut [**A**, **B**, & **C**] below Tie-Down (Bottom Plate) [**B**] of a fully installed Tie-Down Plate. Insert Bolt through Tie-Down Plate adjustment slot and into T-Nut.

NOTE
Only install T-Nuts when they are going to be used, otherwise they will move and make noise.



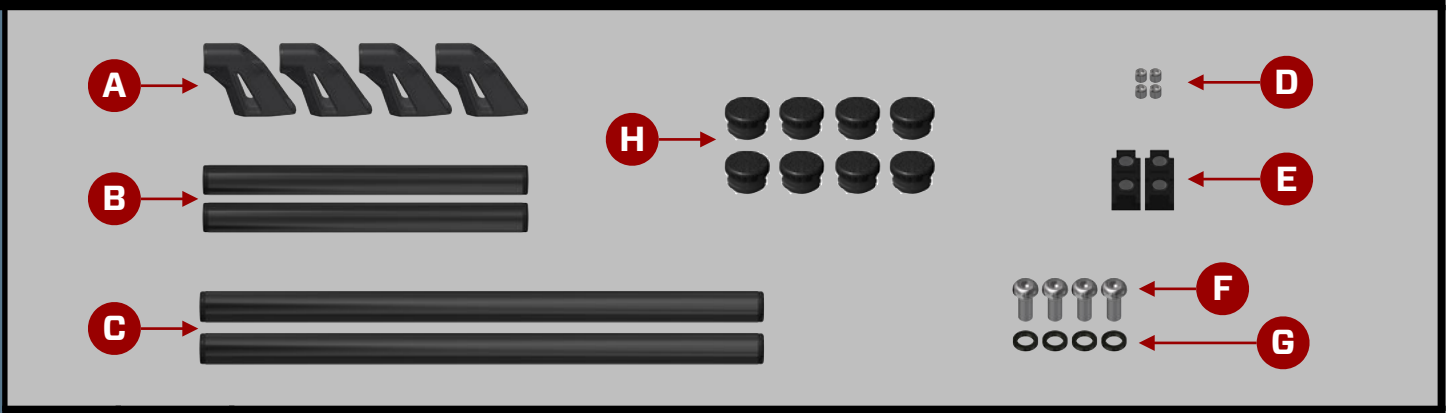


2x TIE-DOWN PLATES

[END]

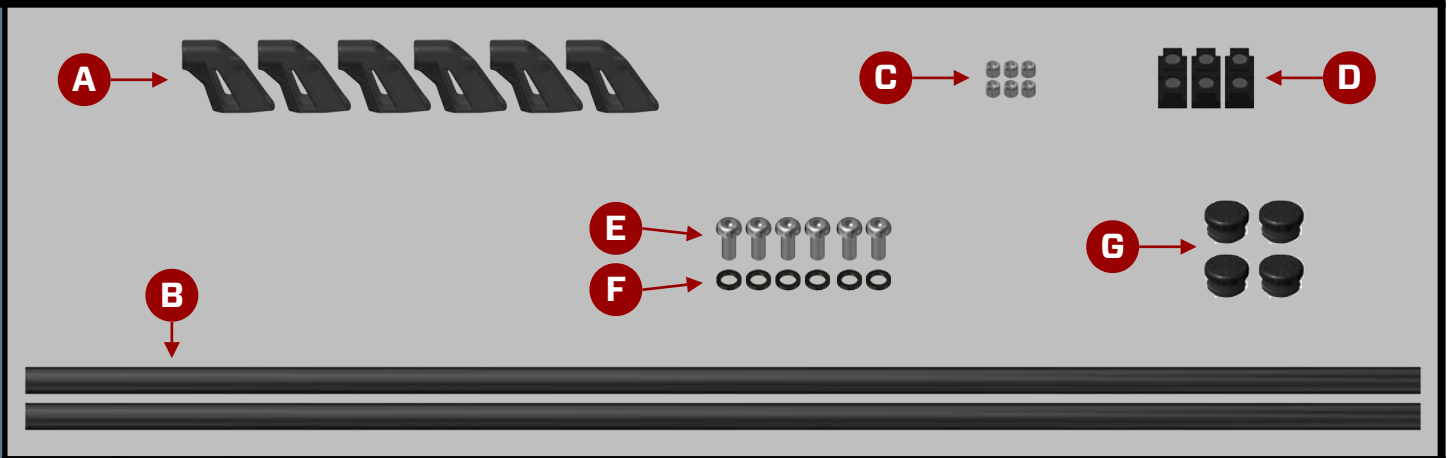
ADJUSTABLE LOAD RAILS [SHORT+MID]

BOX



REF	QTY	DESCRIPTION
A	*4*	Rack, Tube Rail Base
B	*2*	Load Rail Tube - SHORT
C	*2*	Load Rail Tube - MID
D	*4*	M5 x 5Lg Socket Set Screw, Plain Cup Point *(NOTE : These come pre-installed in Tube Rail Base)*
E	*4*	M8 T-Nut 10.9 - Black
F	*4*	M8 x 20mm Socket CL70 Button Head (SS317)
G	*4*	M8 Wedge-Lock Washer, Standard (SS316)
H	*8*	Blanking Plug

ADJUSTABLE LOAD RAILS [LONG]



REF	QTY	DESCRIPTION
A	*6*	Rack, Tube Rail Base
B	*2*	Load Rail Tube - LONG
C	*6*	M5 x 5Lg Socket Set Screw, Plain Cup Point *(NOTE : These come pre-installed in Tube Rail Base)*
D	*6*	M8 T-Nut 10.9 - Black
E	*6*	M8 x 20mm Socket CL70 Button Head (SS317)
F	*6*	M8 Wedge-Lock Washer, Standard (SS316)
G	*4*	Blanking Plug

REQUIRED TOOLS

- 2.5mm Hex Key
- 5mm Hex Key
- 6mm Hex Key

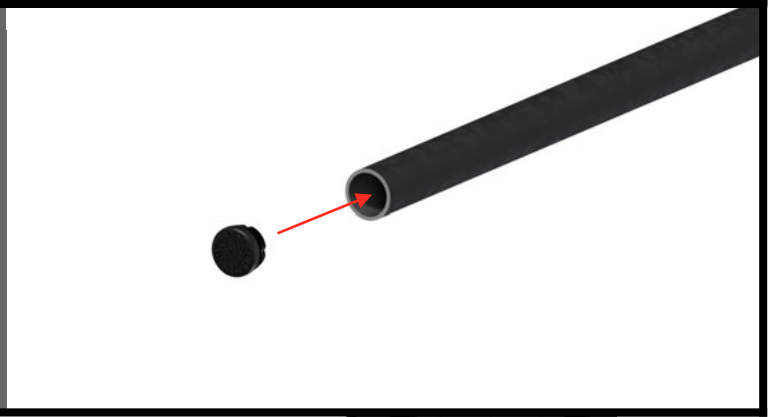
ADJUSTABLE LOAD RAILS

[START]

1 ADJUSTABLE LOAD RAILS

Install Blanking Plugs

1. Use the blanking plugs **[G/H]** to plug the ends of the selected tubes, Load Rail -- Short + Medium **[B/C]** Load Rail -- Long **[B].**

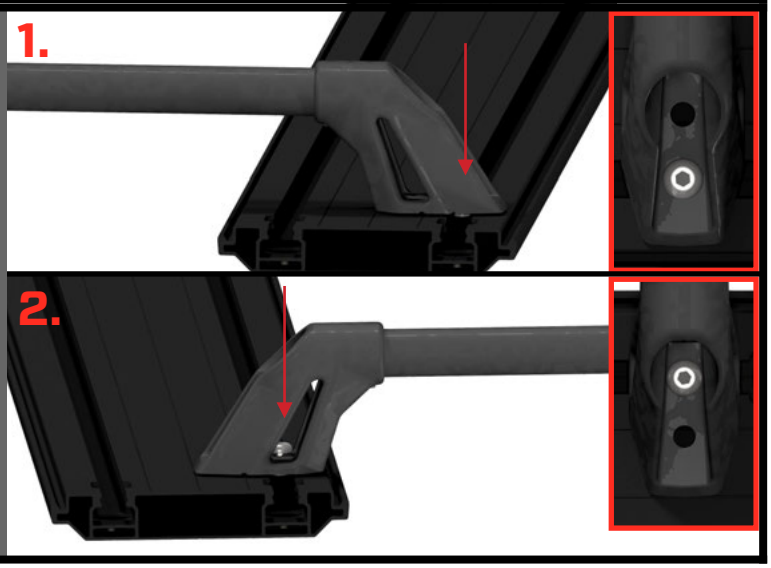


2 ADJUSTABLE LOAD RAILS

Fastening Location Options

There are 2 locations to mount the Tube Rail Base to the planks.

1. Outside mount point is ideal for mounting the Tube Rail Base towards the outside of the planks.
2. Inside mount point is ideal for mounting the Tube Rail Base towards the inside of the planks.



3 ADJUSTABLE LOAD RAILS

Install Adjustable Load Rails

1. Slide M8 T-Nut **[E/D]** into slot and align under Tube Rail Base holes then fasten using 2x M8 x 20mm Socket Button Head **[G/E]** and M8 Wedge-Lock Washer **[F]**.

2. Tighten the load rails into place using the M5 Grub Screw **[D/C]** (highlighted red image).



ADJUSTABLE LOAD RAILS

[END]

ATTACHMENT EXAMPLES





MAINTENANCE

FASTENERS
- Check fastener tightness regularly and tighten if required. We recommend checking fasteners after every large off-road trip.

CORROSION PROTECTION
- After an off-road trip; rinse all mud, sand or debris off the product.
- After driving in salt water; rinse product thoroughly with fresh water.

EXTRA CARE
- If you're planning to drive in a salty environment; spray fasteners with WD40 or an equivalent.
- If you're planning to drive in a salty environment; spray product with Lanolin or an equivalent.
- If protective coatings are compromised by damage or deep scratches, treat with a corrosion inhibitor and touch up paint, to help prevent further degradation of the coated surfaces.

SUPPORT

Find answers online.
www.chiefproducts.com.au/pages/support

Having troubles? Make sure you've downloaded the most recent version of these instructions from our website. We occasionally make updates.
www.chiefproducts.com.au/installation/roof-rack-accessories.pdf

If you need additional help, send us an email.
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