

**Acu-Cab<sup>TM</sup>**

**MAKE IT BETTER**

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**FITMENT INSTRUCTIONS**

**Universal Tow Bar Step**

**A-TBAR-STP**

# Installation Instructions

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Installation and fitment instructions include the tools required, fasteners and hardware included in the kit.

Please follow the instructions and check installation steps with the images in this document.

Alu-Cab recommends that all sealing work is allowed to cure for 24 hours, after which you may drive the vehicle on normal paved roads. Before driving off-road with your Alu-Cab product or operating your roof conversion, an additional cure period of 48 hours is required.

Failure to follow these instructions will void your warranty. Please ensure that you follow the sealant manufacturers curing time as per their technical data sheet.

These times may differ slightly from the times we have recommended.



Service Enquiries email  
[queries@alu-cab.com](mailto:queries@alu-cab.com)

# Installation Instructions

## Universal Tow Bar Step

1.1

### Tools & Items Required

5mm Allen/Hex Key

13mm Socket/Spanner

19mm Socket/Spanner

24mm Socket/Spanner

1.3

### Hardware Required

50x50mm/2inx2in Tow Bar Receiver on Vehicle

**NB** These products are excluded and will need to be purchased separately.

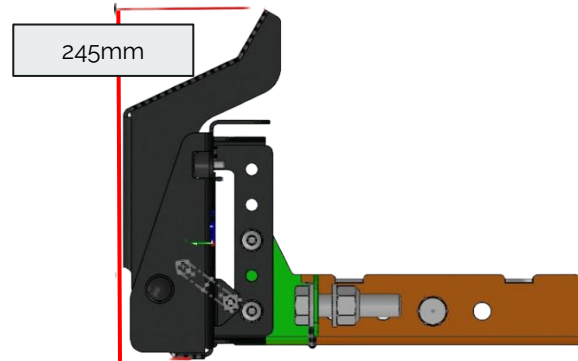
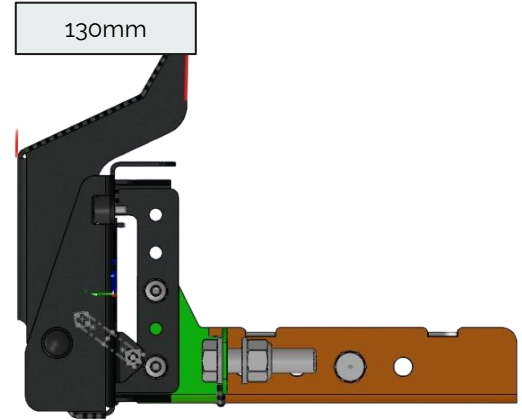
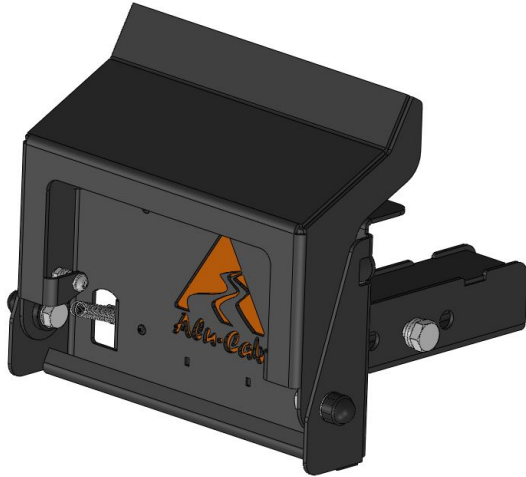
1.2

### Parts Supplied

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BHD-M8x20	M8x20 B/HD BOLT S/S	4
2	SW-M8	M8 SPRING WASHER S/S	4
3	FW-M8	M8x16mm FLAT WASHER S/S - DIN 125	4
4	HEX-M12x70	M12x70 HEX BOLT S/S	1
5	SW-M12	M12 SPRING WASHER S/S	1
6	FW-M12	12mm FLAT WASHER - DIN - 433	1
7	HEX-M16X65	M16X65 HEX BOLT S/S	2
8	FW-M16	M16x30mm FLAT WASHER M/S - DIN 125	4
9	NY-M16	M16 NYLOC NUT S/S	2

# Installation Instructions

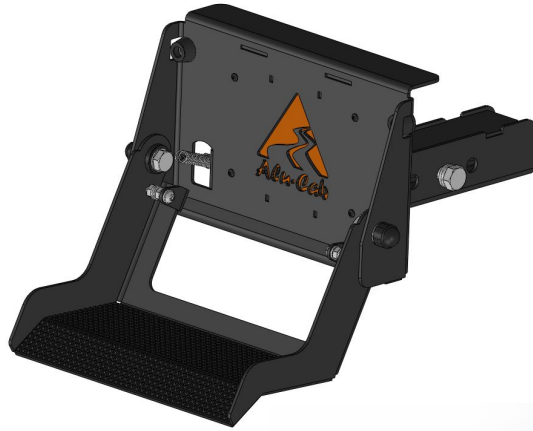
2 Universal Tow Bar Step - General Assembly: Closed Configuration



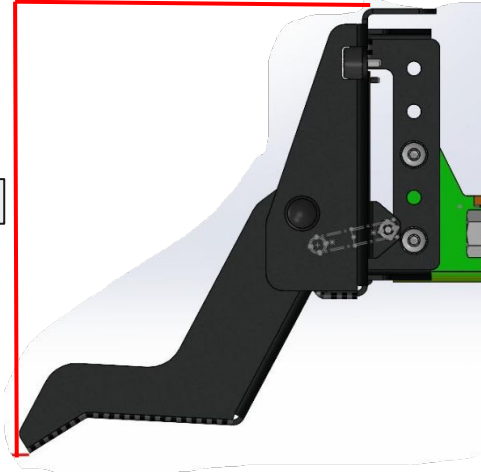
# Installation Instructions

2

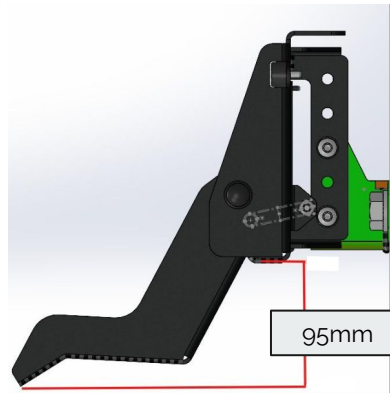
## Universal Tow Bar Step - General Assembly: Open Configuration



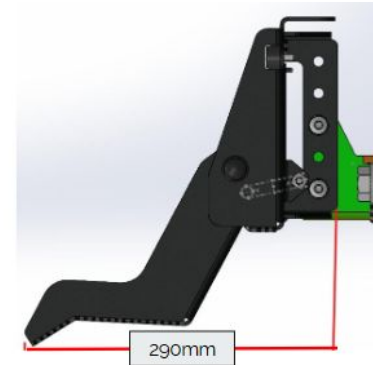
260mm



95mm



290mm



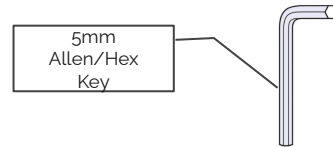
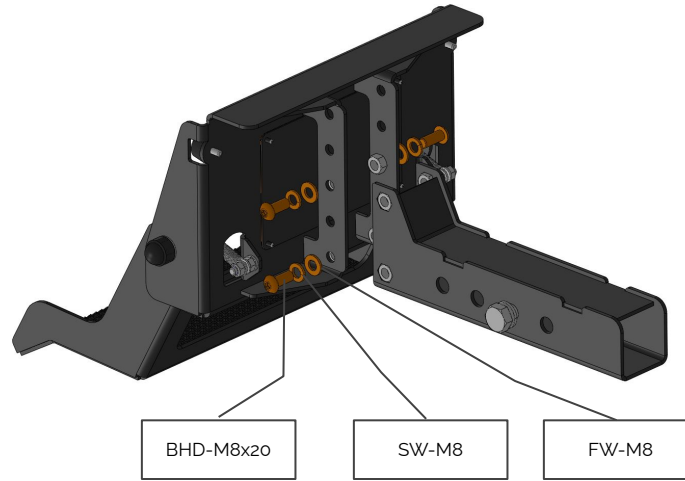
# Installation Instructions

3

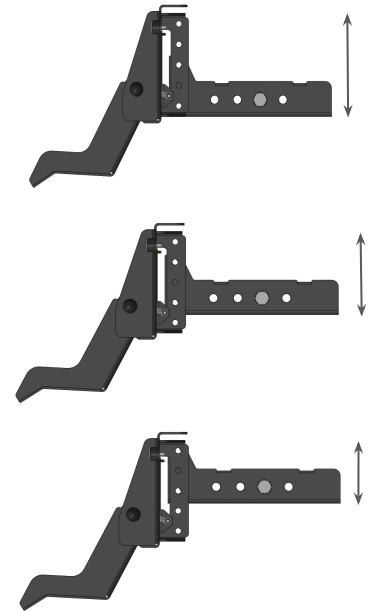
## Mounting Option 1

### Assembling and Adjusting the Step Height

- I. Before assembly, inspect all welded nuts to ensure no Powder Coating is present. If needed use an M8x1.25 Tap for the smaller nuts or an M12x1.75 Tap for the larger nuts.
- II. Align the step and bracket holes at your desired height level.
- III. Three height positions are available. These are shown on the right hand side. This allows the step to adjust to various vehicle heights, bumper accessories as well as your personal preference.
- IV. Fasten the four M8x12 button head bolts, M8 spring washers, M8 flat washers and integrated M8 threads.



3 Height Adjustment Levels



**Tip:** It is recommended to mount the step as high as your rear bumper allows. This prevents reducing your vehicle's departure angle.

# Installation Instructions

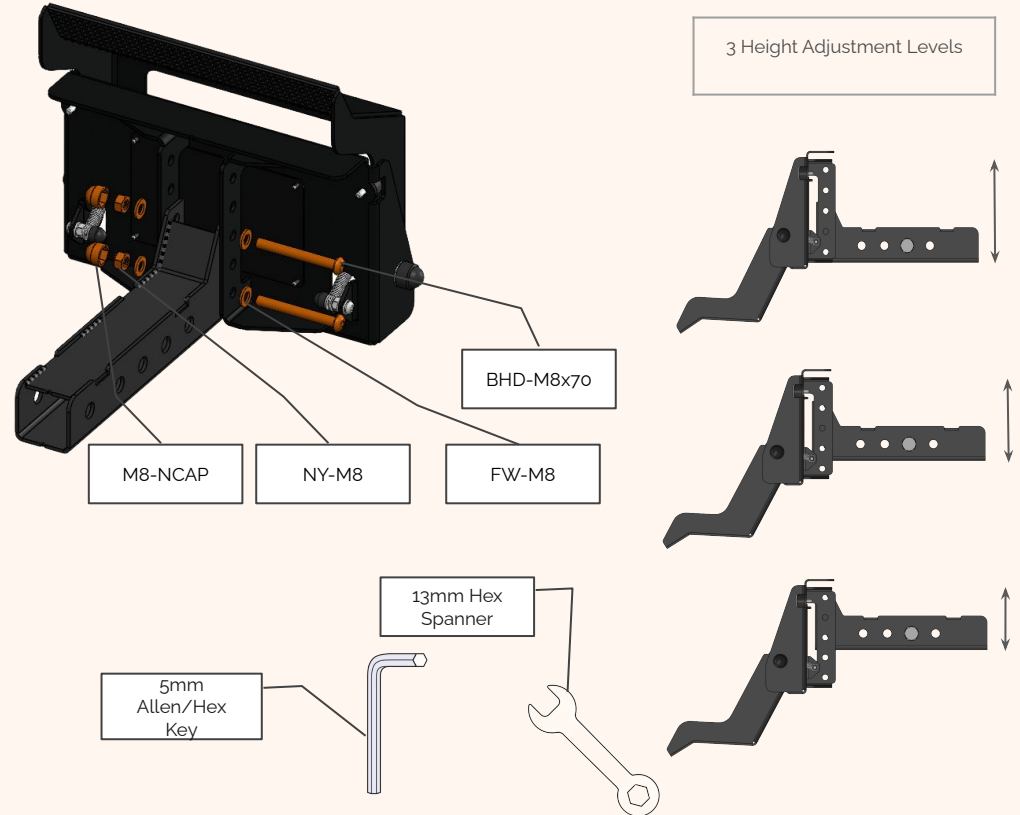
## Mounting Option 1 - V2

3

### Assembling and Adjusting the Step Height

- I. Before assembly, inspect all welded nuts to ensure no Powder Coating is present. If needed use an M8x1.25 Tap for the smaller nuts or an M12x1.75 Tap for the larger nuts.
- II. Align the step and bracket holes at your desired height level.
- III. Three height positions are available. These are shown on the right hand side. This allows the step to adjust to various vehicle heights, bumper accessories as well as your personal preference.
- IV. Fasten the four M8x12 button head bolts, M8 spring washers, M8 flat washers and integrated M8 threads.

**Tip:** It is recommended to mount the step as high as your rear bumper allows. This prevents reducing your vehicle's departure angle.



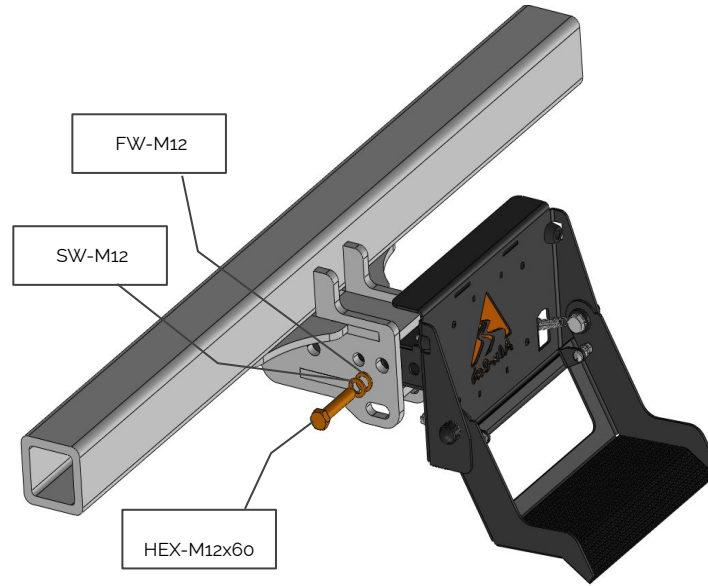
# Installation Instructions

## Mounting Option 1

4

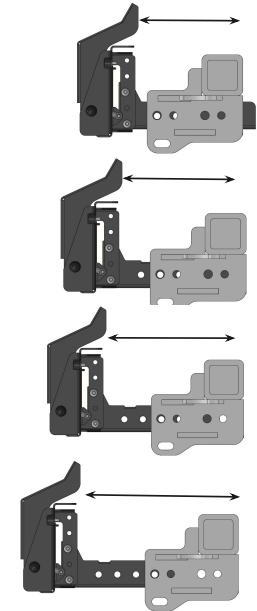
### Fastening to Tow Bar Receiver

- I. Insert the towbar step into the vehicle's receiver.
- II. Align the hole location corresponding to your desired offset position.
- III. Four offset positions are available. These are shown on the right hand side. This allows the step to adjust to various bumper sizes and spare wheel carriers.
- IV. Fasten the M12x60 hex bolt, M12 spring washer, M12 washer and integrated M12 thread. **Preferably fasten on the side where the welded nut is present (LHS)**



19mm Hex  
Spanner

4 Offset Adjustment Positions



**Tip:** It is recommended to mount the step as close to your rear bumper as possible. This prevents reducing your vehicle's departure angle.

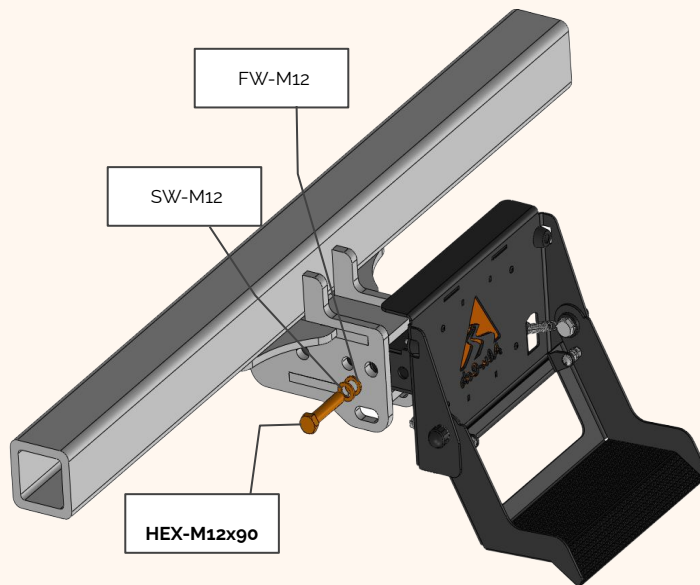
# Installation Instructions

## Mounting Option 1 - V2

4

### Fastening to Tow Bar Receiver

- I. Insert the towbar step into the vehicle's receiver.
- II. Align the hole location corresponding to your desired offset position.
- III. Five offset positions are available. These are shown on the right hand side. This allows the step to adjust to various bumper sizes and spare wheel carriers.
- IV. **Slide the M12x90 hex bolt and M12 washer through the hole. On the other side secure the bolt in place using the supplied M12 Nylock.**
- V. Note some models may have a captured nut, use the supplied M12x60 bolt and spring washer to secure these in place. Preferably fasten on the side where the welded nut is present (LHS)

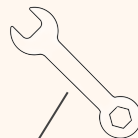


HEX-M12x90

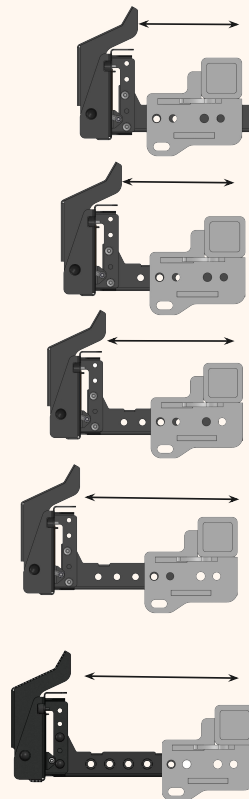
FW-M12

SW-M12

19mm Hex  
Spanner



5 Offset Adjustment Positions



**Tip:** It is recommended to mount the step as close to your rear bumper as possible. This prevents reducing your vehicle's departure angle.

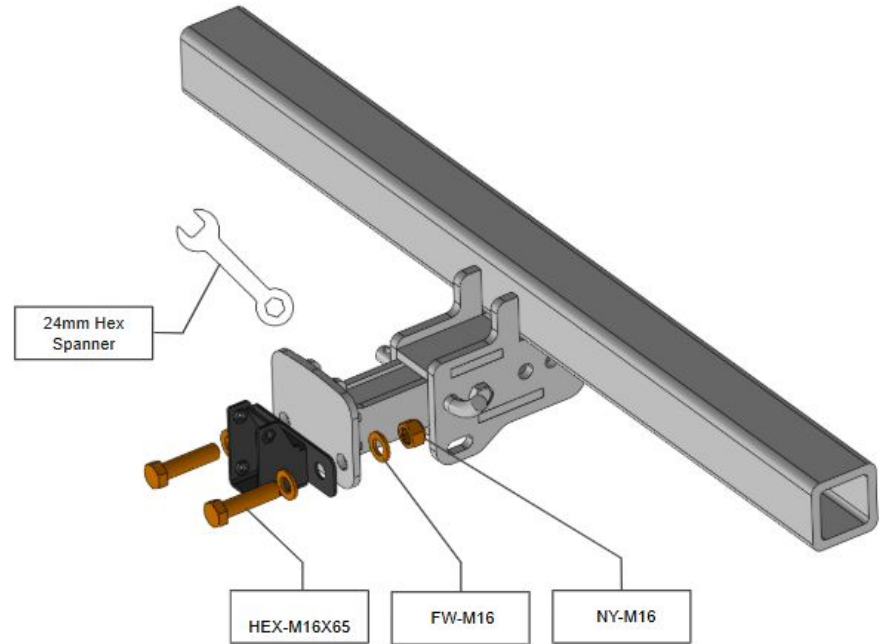
# Installation Instructions

## Mounting Option 2

5

### Fastening Mounting Bracket

- I. Locate the mounting bracket on the vehicle's tow bar mount
- II. Fasten the two M16x65 hex bolts, four M16 washers, and two M16 nyloc nuts using two 24mm sockets/spanners



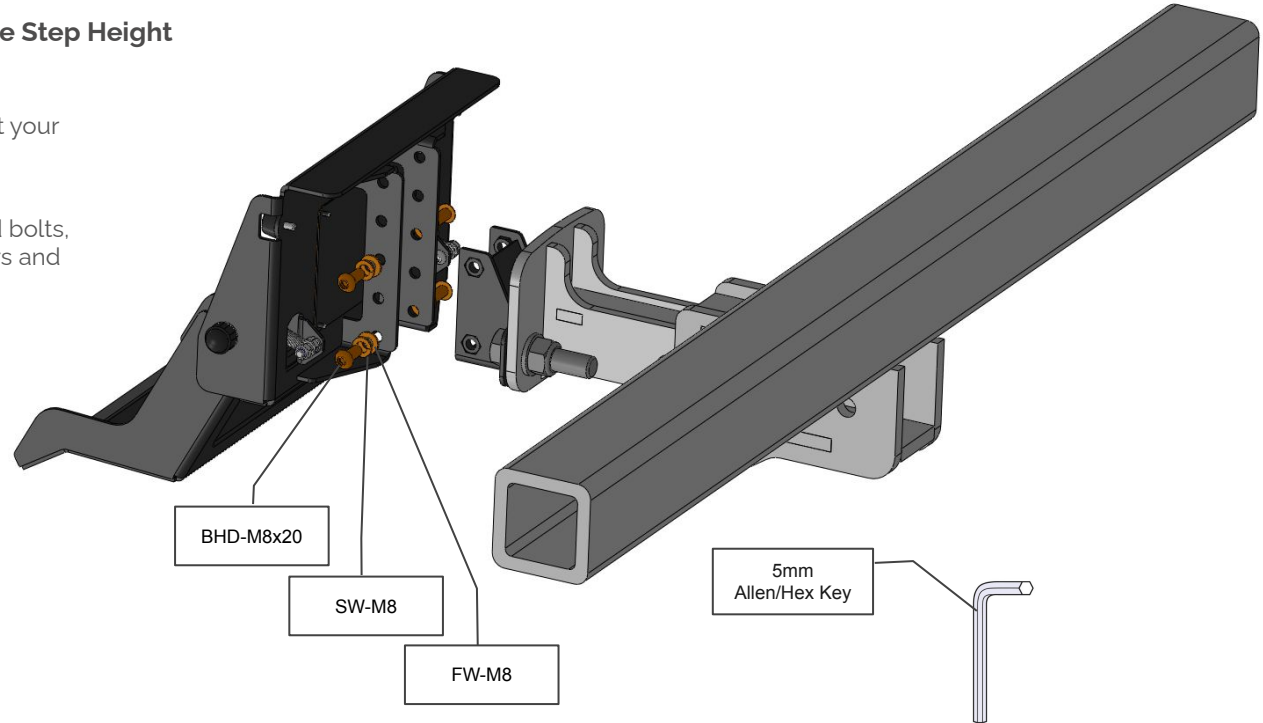
# Installation Instructions

## Mounting Option 2

6

### Assembling and Adjusting the Step Height

- I. Align the step and bracket holes at your desired height level.
- II. Fasten the four M8x12 button head bolts, M8 spring washers, M8 flat washers and integrated M8 threads.



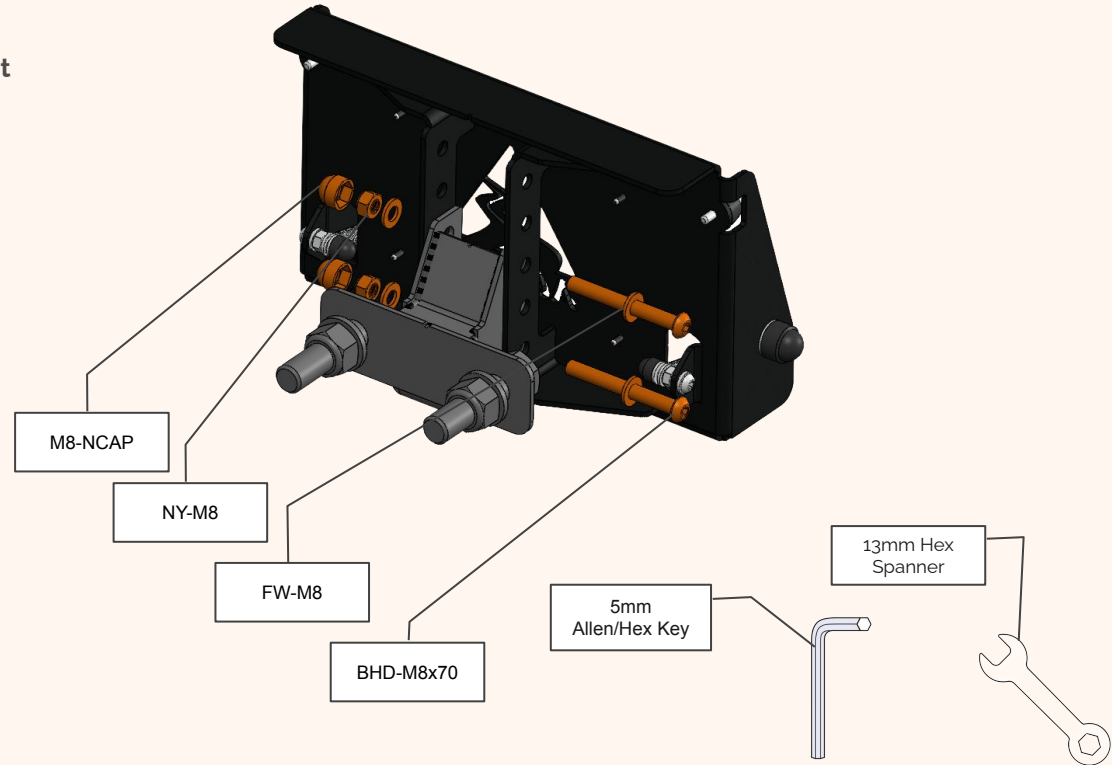
# Installation Instructions

## Mounting Option 2 - V2

6

### Assembling and Adjusting the Step Height

- I. Align the step and bracket holes at your desired height level.
- II. Fasten the two M8x70 button head bolts, M8 flat washers, M8 Nylock nuts and M8 nut caps.

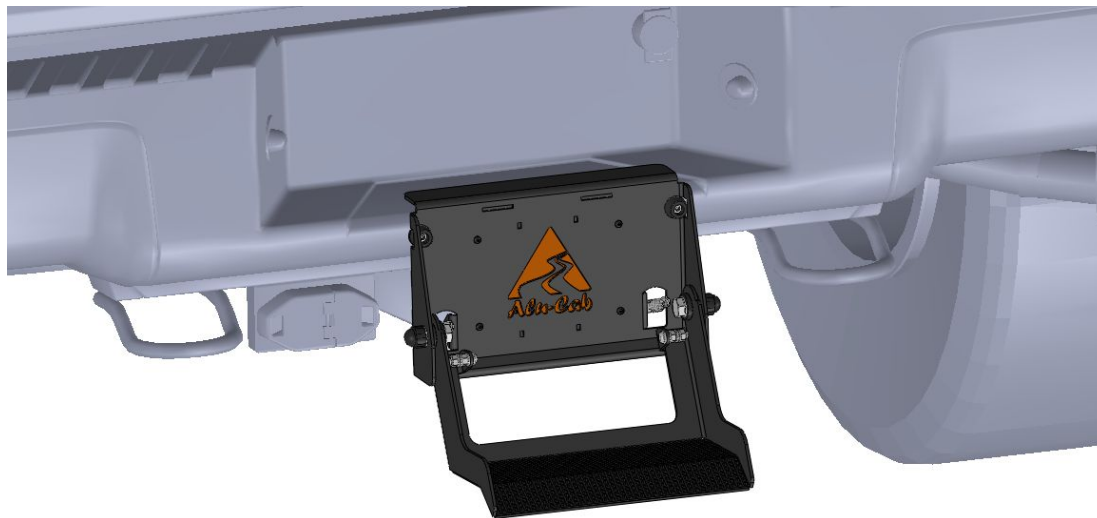


# Installation Instructions

## Universal Tow Bar Step

7

Installation Complete



# Disclaimer

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## **Review all instructions information carefully before installation.**

Any damages, direct or incidental to the installer and/or property due to incorrect installation of any parts are the responsibility of the installer. Due to the various applications and fitment options available, the responsibility lies with the user to ensure all mounting points are secure and tight before every trip.

If unsure, consult with your Distributor regarding the operations of our products.

Users are advised to be mindful of the load they are carrying and drive in accordance with road conditions.

## **WARNING**

Always wear appropriate PPE (Personal Protection Equipment) when fitting our products. Although the mounting kit is designed to be DIY, if you have any doubts or concerns, contact an accredited fitment centre to carry out the work. Alu-Cab will not be liable for any injury to persons, and/or damage to products and/or vehicles.

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