

3-in-1 Hitch Clamp - Installation Instructions

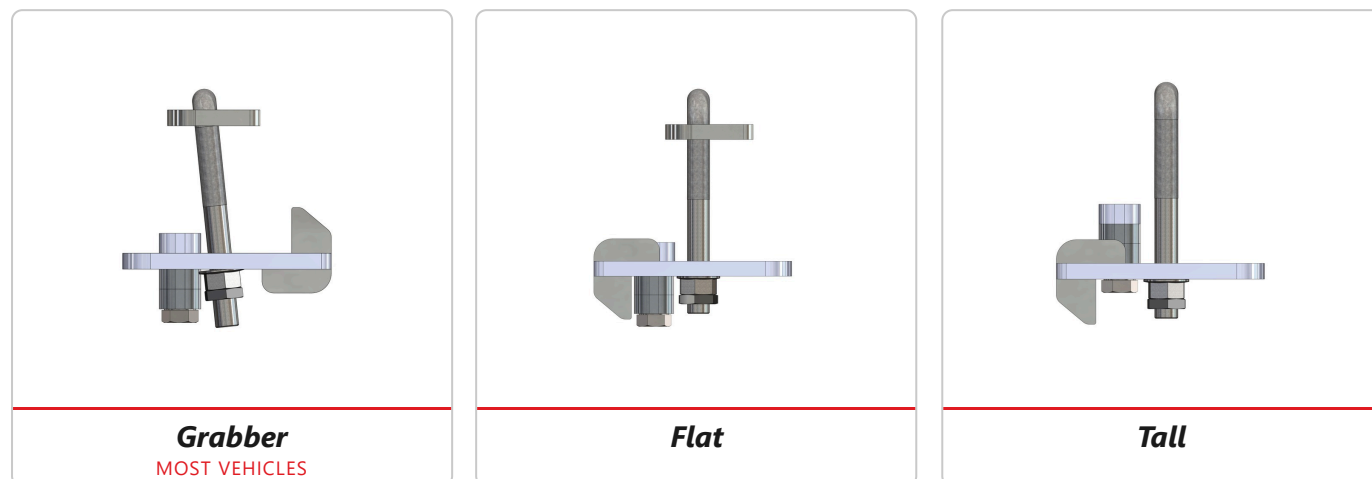
Clamps a GripSport bike carrier hitch arm to a 50mm tow bar receiver.



1 Choose Your Configuration

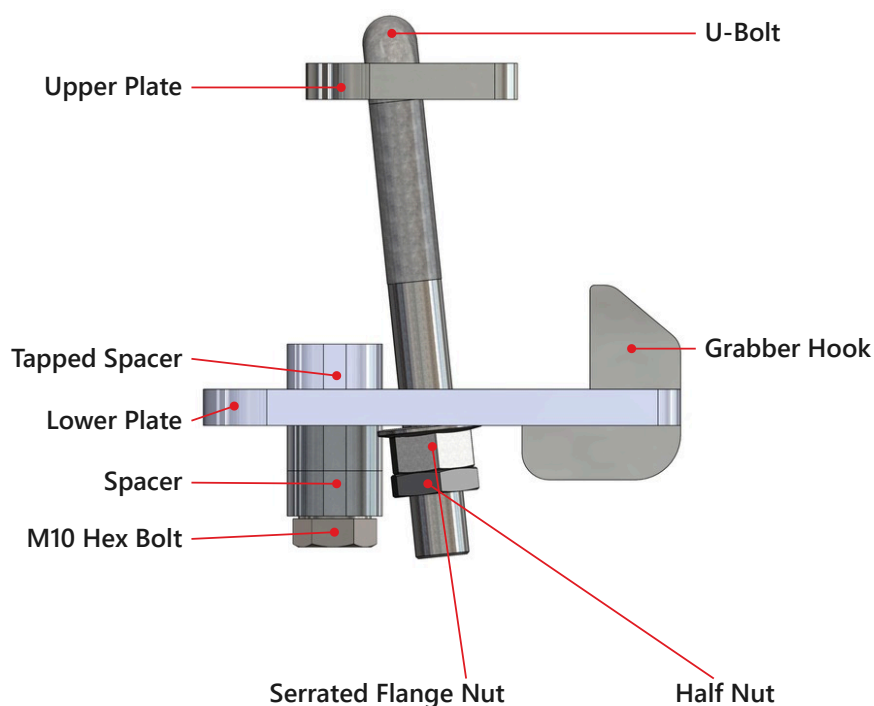
The 3-in-1 Hitch Clamp builds into three configurations from the same set of parts. Turning the Lower Plate over and moving the Spacers sets the configuration. Compare your tow bar against the three below.

50mm hitch receiver this direction →



CONFIGURATION	USE IT WHEN
Grabber	Standard 50mm receiver with a collar or ring the Grabber Hooks can reach behind, so the hooks stop the rack walking out.
Flat	Collar is too deep for the Grabber Hooks to reach, or a tow hook or other obstruction sits close to the receiver.
Tall	Toyota LandCruiser 200 Series, 300 Series and Prado 250 Series, and similar hitch styles.

2 Parts



Supplied in the kit

U-Bolt	×1
Upper Plate	×1
Lower Plate (with Grabber Hooks)	×1
Tapped Spacer	×2
Spacer	×2
M12 Serrated Flange Nut	×2
M12 Half Nut	×2
M10 x 35 Hex Bolt 8.8	×2

Tools required

19mm and 17mm spanners

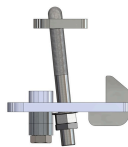
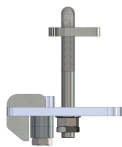
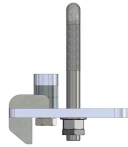
WARNING Not to be used for towing or recovery purposes. For use on bicycle carriers only.

3 Assemble and Fit

Work through steps 1 to 7 in order. Steps 2, 3 and 5 depend on your configuration - read down your column.

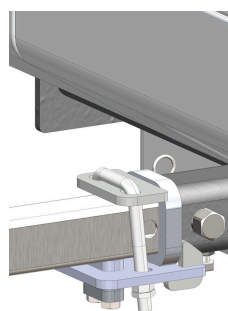
1 Fit U-Bolt to Upper Plate. Both threaded legs point down.

50mm hitch receiver this direction →

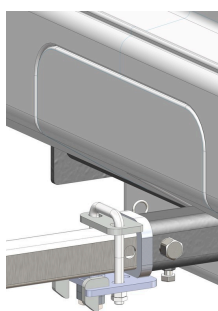
	<i>Grabber</i>	<i>Flat</i>	<i>Tall</i>
			
2 Fit Lower Plate	Hooks face forward, turned up toward the receiver.	Hooks turned over so the flat edge sits against the receiver.	Hooks turned over, same as Flat.
3 Fit Spacers	Tapped Spacers above the Lower Plate, Spacers below .	Tapped Spacers above the Lower Plate, Spacers below .	Tapped Spacers and Spacers all above the Lower Plate, to raise the clamp.
4 Fit fasteners All configurations	Run an M10 x 35 Hex Bolt up through the Lower Plate into each Tapped Spacer. Tighten firmly. Hand-thread an M12 Serrated Flange Nut onto each U-Bolt leg until finger tight. Set both sides the same , or the clamp will sit loose on one side.		
5 Fit to tow bar	Slide clamp on so the U-Bolt straddles the receiver and the Hooks catch under the collar at the front.	Slide clamp on so the flat face of the Lower Plate sits square against the receiver, clear of the tow hook or obstruction.	Slide clamp on so the Lower Plate sits square against the receiver.

6 Tighten. Alternate between the two M12 Serrated Flange Nuts until both are **firmly tightened** and the clamp cannot be moved by hand.

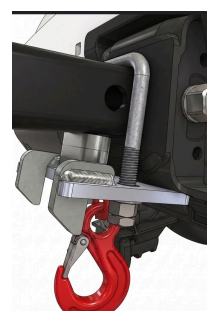
7 Lock. Thread an M12 Half Nut onto each leg and nip up firmly against the Serrated Flange Nut, so the Flange Nuts cannot loosen with vibration.



Grabber



Flat



Tall

Finished installation

Before You Travel

- ☐ Clamp matches the section view for your configuration.
- ☐ Spacers set the same way on both sides.
- ☐ Grabber Hooks, if used, are seated fully behind the collar.
- ☐ Serrated Flange Nuts firmly tightened, Half Nuts nipped up behind them.
- ☐ Bike rack cannot be rocked by hand. Re-check after the first short drive, then before every trip.