



Installation Guide

Extreme Duty Adjustable H-Mount for Caravans and Camper Trailers

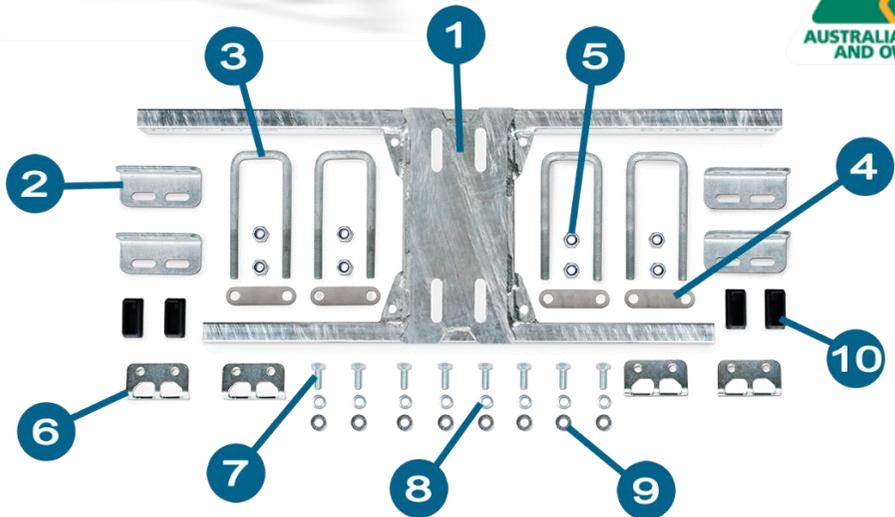
iSi-HM-AL-(690, 810, 910)

Thank you for your purchase of the **iSi** Extreme Duty Adjustable H-Mount®.

The bolt-on **iSi** adjustable H-Mount is an incredibly strong mount that braces the drawbar arms and eliminates drawbar pressure hot spots by spreading the load over a wide area.

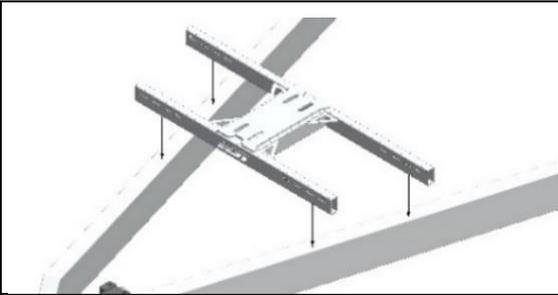
Slotted brackets allow adjustment over a wide area to achieve the perfect position.

Maximum Load: 200kg
Mass: 8.0kg



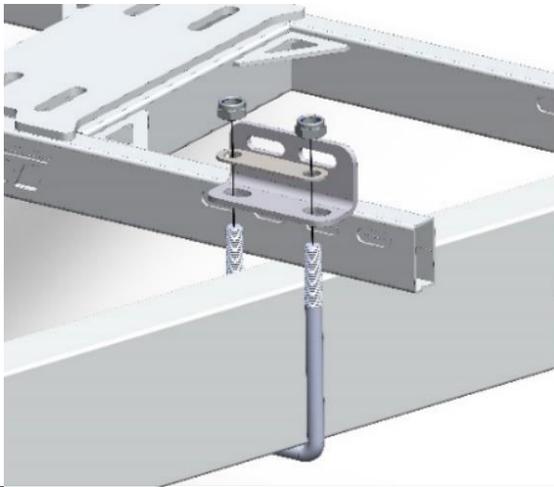
- | | | |
|----------------------|-----------------------|----------------------------|
| 1 H-Mount qty 1 | 5 M12 Nyloc Nut qty 4 | 8 10mm Spring Washer qty 8 |
| 2 Foot Bracket qty 4 | 6 Nut Pad qty 4 | 9 10mm Washer qty 8 |
| 3 U-Bolt qty 4 | 7 M10 Bolt qty 8 | 10 End Cap qty 4 |
| 4 Washer Plate qty 4 | | |

Tools - 16mm socket or box wrench & 19mm box/open wrench



Determine the ideal position of the H-Mount (Item 1) on the drawbar and place the H-Mount (item 1) onto the drawbar.

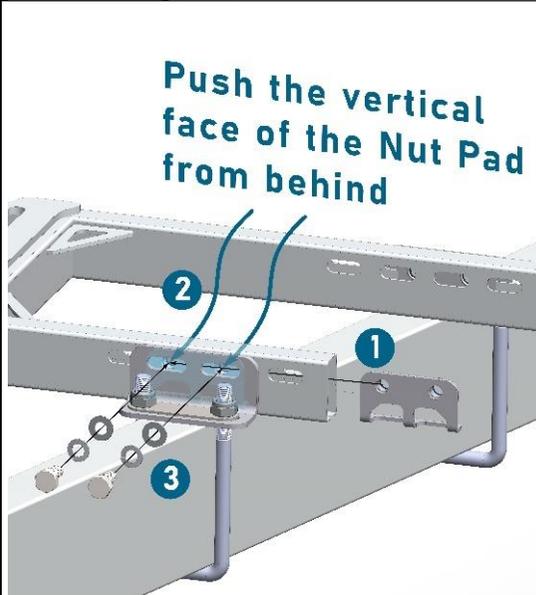
Hint: You will be able to fine tune the position later.



Install U-bolts from underneath the drawbar arms and pass through the shorter slots in the Foot Bracket (item 2). Lower the Washer Shim (Item 4) and retain with the M12 Nyloc Nuts (Item 5).

Hint: Bracket can be positioned on either side of each H-Mount arm.

Hint: Do not tighten yet.

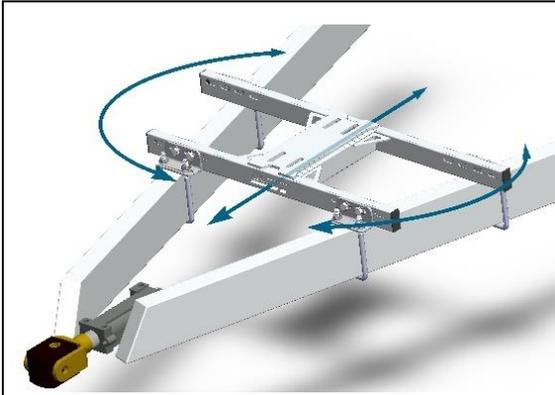


1 - Insert the Nut Pad (Item 6) into the H-Mount arm and align with the slots in the Foot Bracket (Item 2).

2 - Push the vertical face of the Nut Pad from behind to ensure that Nut Pad is hard up against the side of the H-Mount arm.

3 - Install the 10mm Spring and Flat Washers (Items 8 & 9) and M10 Bolts (Item 7) through the slots in the Foot Bracket and H-Mount arm tube.

Hint: Do not tighten yet.

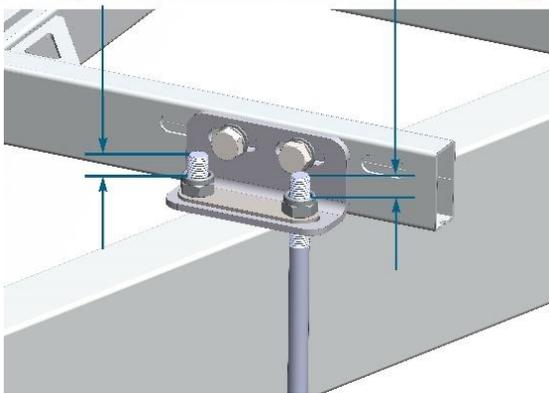


Fine-tune the position of the H-Mount to ensure that the mount is square and set at the ideal position on the drawbar.

When set, nip up the M10 bolts (Item 7).

Ensure that the U-bolts (Item 3) are vertical. Then nip up U-bolt nuts (Item 4).

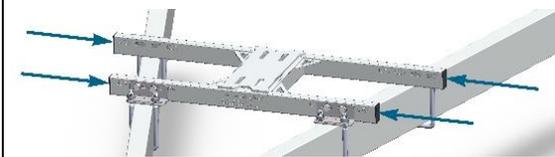
Equal Threads Showing



Tighten the Nut Pad bolts (Item 7) to 30 Nm torque (quite tight).

Check that U-bolts are still vertical and then tighten each nut half a turn at a time until a tightening torque of 30 Nm is achieved.

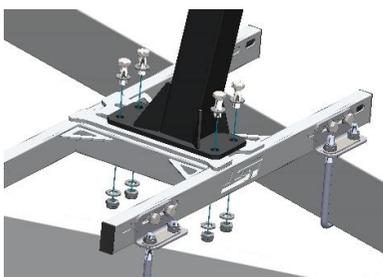
Hint: Tighten each leg of U-bolt evenly so that each leg has an equal number of threads showing above each nut.



Optional: Install End Caps (Item 10) into the end of each H-Mount arm.

StrongArm Support Post (if included)

Tools - 19mm Socket or Ring Spanner, 18mm Socket or Ring Spanner



Install the StrongArm support post onto H-Mount flange.

Insert M12 bolts with flat washer through flange holes at base of StrongArm support post.

Insert lock-washer and Nyloc nut onto underside and retain StrongArm post to Cross-Mount. *Hint: Do not tighten yet.*



Bicycle Carrier Main Beam

Lower the bicycle carrier main beam over the top of the support post and insert the upper pivot pin.

Rotate the carrier main beam rearwards until the lower sleeve at the nose of the carrier rests against the stop pad on the StrongArm support post.

Insert the lower pivot pin and install the R-Clips at the end of each pivot pin.

Install the rear wheel support cradles and check clearance to caravan or camper body. Align and adjust H-Mount position and/or slide StrongArm support post fore/aft along slots in cross mount.

Once aligned tighten all nuts and bolts.



To pivot the carrier assembly up and forwards remove the lower pin and insert into one of the overhead rotation stop positions. The carrier assembly can then be lifted and pivoted over to the desired stop.



Hint: One of the key features of the iSi bicycle carrier is the ability to easily remove the rigid vertical support posts from each post sleeve. The idea is to pull the vertical posts out as you unload bicycles in order to have a clear working field. Insert as you load bicycles back. When done correctly, it's 10 seconds per bicycle regardless of whether the carrier is on the car or drawbar.

The heart of an extreme duty bicycle carrier drawbar solution is the bolt-on iSi adjustable H-Mount. An incredibly strong mount that braces the drawbar arms and spreads the load over a wide area. This eliminates pressure hot spots and is inherently stronger and more rigid than welded cross-tube solutions. The added benefit of the adjustable iSi H-Mount is the ability to precisely set the position of the mount to clear drawbar mounted hardware such as the hand brake, jockey wheel, weight distribution systems, stone guards and storage boxes. The ideal solution for operation over the harshest terrain.



See www.isi-carriers.com/guides/bicycle-carrier-guides.html

iSi products are 100% Australian Made with 100% Australian Steel & Materials