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Instructions for Thorn EX rear carrier.

Thank you for buying the Thorn EX rear carrier, you have purchased a very high quality, extremely strong and rigid product, which will last for very many years and greatly increase your cycling pleasure!

The carrier itself is made from aircraft grade, heat treated seamless cold drawn Cro-Mo and the cut-to-fit stays are made from stainless steel.

Whilst the carrier is perfectly suitable and light enough for day to day use with moderate loads, it can be used with loads up to **45Kg...** not many cyclists require this extreme capacity and **very few frames are capable of carrying this weight! You should check with the cycle's manufacturer before attempting to carry such huge loads!**

The Multi-Fit rear light bracket (supplied) has been designed to accept many different types of rear light: Cateye TL-LD1000, Busch & Muller D Toplight, single or double Vista VO305 Nebula 5.

The carrier has been designed to be used with either 6mm or 5mm bosses and hardware for **both** is provided. (6mm lower boss adaptors are available for all twin eyeleted, Thorn Rohloff-specific rear dropouts) There is no problem using 5mm screws through the 6.1mm holes!

M6 bosses are provided at the back of the rear legs to attach mudguard stays, if so required.

Whilst the powder coated finish is very durable, it will wear through in areas of chaffing, especially when dirty! You should either protect these areas with tape or be prepared to periodically touch the exposed metal in with paint.

Fitting the carrier.

With the bike on a level floor, you should attach the carrier to the cycle's lower mounts, the carrier should then be rotated until the top is level, and the stainless stays should be offered up to the bosses on the cycle's seat stays. On most cycles some bending of the stays will now be necessary. When you have established which of the multiple holes need to be used, cut and shape the stay to suit. **Check twice... cut once!** Tighten all the screws and you have done it!

Compared to many other carriers, this is a slightly complicated procedure, requiring the use of a vice, hacksaw and file... but the end result is worth the effort... the carriers will be very rigid... this makes the cycle much easier and safer to ride!

It is desirable to take some time to now adjust your rear panniers to sit as far forward as they can go, without the largest shoes that will be worn, fouling the pannier... the bike will handle much better!

If you have not carried heavy weights before, you will be surprised by the effect it has on handling and braking... take time to become familiar with this away from life-threatening situations.

NOTE. If you have heavy loads the bike will almost certainly handle better if you distribute the load between front and rear panniers!