

/ THE HOLY RAIL

INSTRUCTION MANUAL

WATCH THE VIDEO:



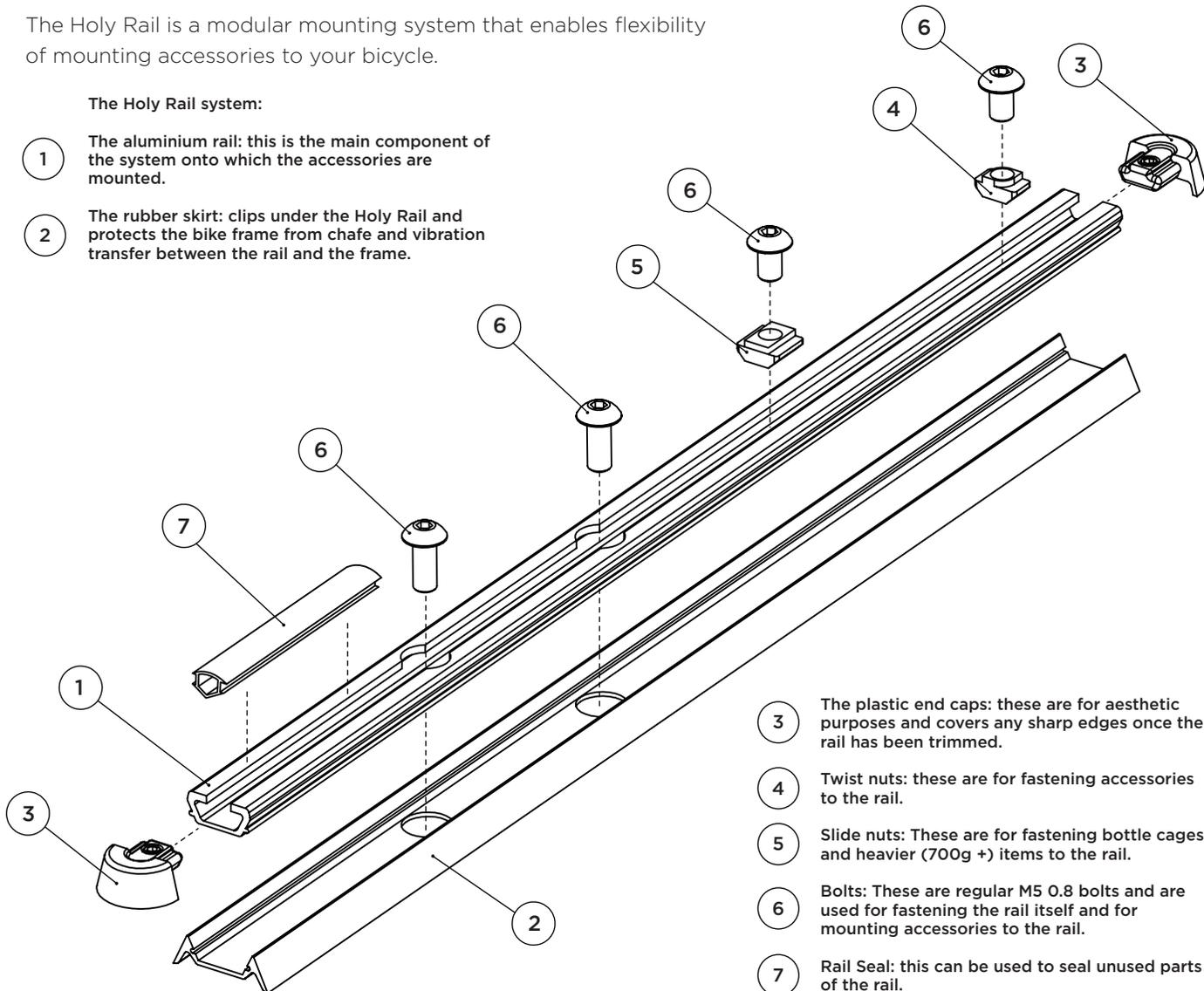
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/HOLY-RAIL-INSTALLATION

LYNE
COMPONENTS

The Holy Rail is a modular mounting system that enables flexibility of mounting accessories to your bicycle.

The Holy Rail system:

- 1 The aluminium rail: this is the main component of the system onto which the accessories are mounted.
- 2 The rubber skirt: clips under the Holy Rail and protects the bike frame from chafe and vibration transfer between the rail and the frame.



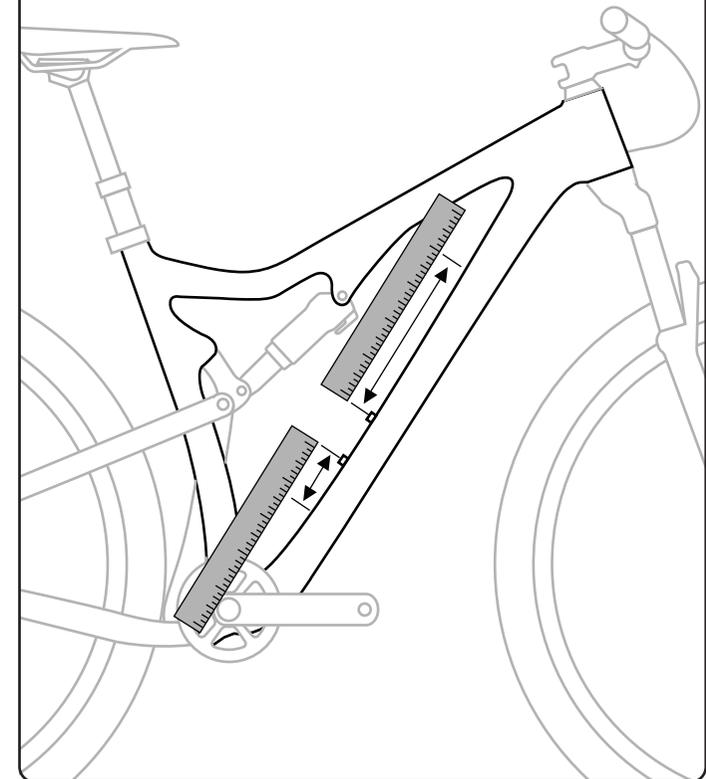
- 3 The plastic end caps: these are for aesthetic purposes and covers any sharp edges once the rail has been trimmed.
- 4 Twist nuts: these are for fastening accessories to the rail.
- 5 Slide nuts: These are for fastening bottle cages and heavier (700g +) items to the rail.
- 6 Bolts: These are regular M5 0.8 bolts and are used for fastening the rail itself and for mounting accessories to the rail.
- 7 Rail Seal: this can be used to seal unused parts of the rail.

INSTALLATION

Step 1. Measure your frame.

Measure your down tube or seat tube for the available space for your holy rail.

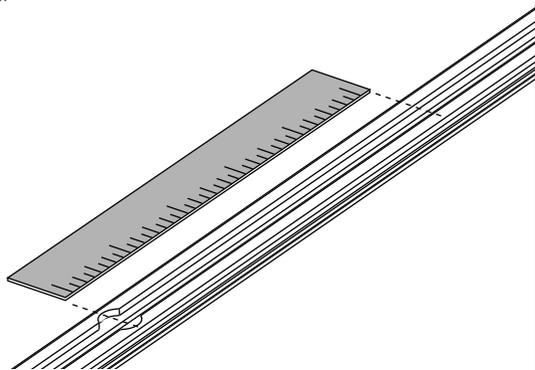
Decide whether you want to use a short piece of the rail for moving your bottle into a better position or a longer section for mounting multiple accessories. Use the two bottle cage bolt mounts on the bicycle frame as a reference point for your measurements.



INSTALLATION (CONTINUED)

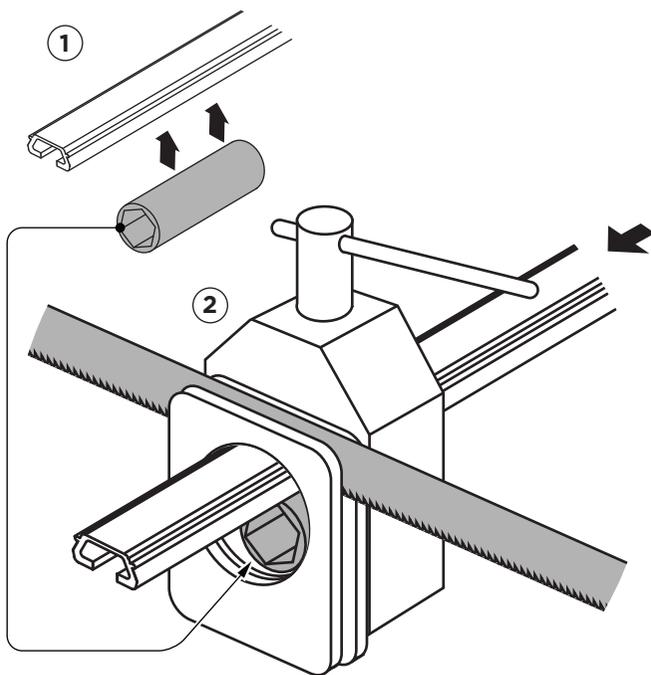
Step 2. Cut the rail (if necessary)

Transfer your measurements across to the rail and mark the cutting lines.



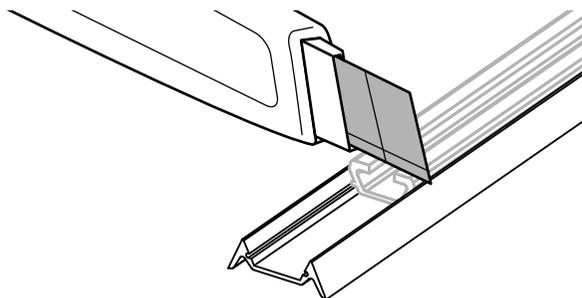
It's now time to cut it down to size. A regular hacksaw can be used for this process.

We recommend using a handlebar cutting guide to ensure a perpendicular cut. You can insert the rail into the cutting guide with a hex socket or handlebar off-cut as a spacer inside the cutting guide to anchor the rail while cutting. If you are using a socket be sure to position it out of the cutting line of the blade to ensure it doesn't get damaged.



Step 3. Cut the rubber skirt.

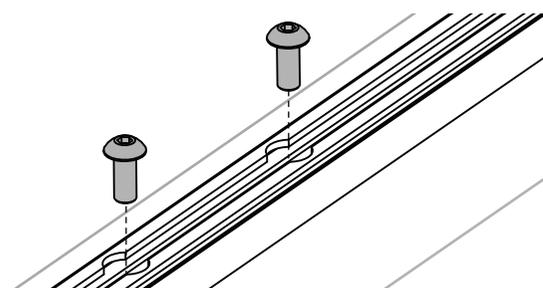
Clip the skirt to the rail and line up the mounting holes in the centre. Now use the edge of the aluminium rail as a guide to cut the rubber skirt to length using a sharp craft knife and a cutting mat. Press down hard on the aluminium rail to ensure the skirt doesn't move while cutting.



Step 4. Fasten the Holy Rail to the bike.

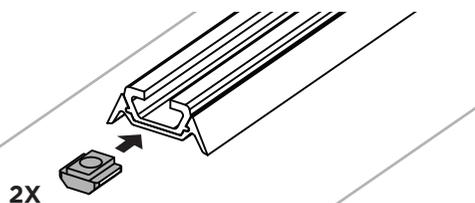
Use the M5 bolts (supplied) to fasten the rail to the frame.

Note: If one of your slide nuts is positioned between the fastening holes on the rail then you may need to slide the nut in first before attaching the second mounting bolt.



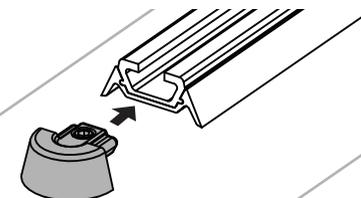
Step 5. Insert slide nuts for bottle cage.

Insert two slide nuts into the aluminium rail.



Step 6. Attach the end caps.

Slide the end caps into position and use an Allen key to tighten the grub screw securing them in place. Do not over tighten the grub screw as it will strip the plastic end cap.



Step 7. Attach the bottle cage and accessories.

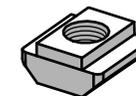
When using Holy Rail mounting nuts it is very important to ensure the right bolt length and spacers to avoid damaging the rail and to avoid having loose accessories. See diagram below.

Mounting Using Rail Nuts

Step A. Choose the right mounting nuts.

Slide nuts are used for heavier accessories like bottle cage mounts (700g upward). Twist nuts can be used for quickly mounting other accessories like storage boxes, pumps, CO₂ holders. Twist nuts can be added and removed from the rail through the slot whereas the slide nuts require the end cap to be removed for insertion.

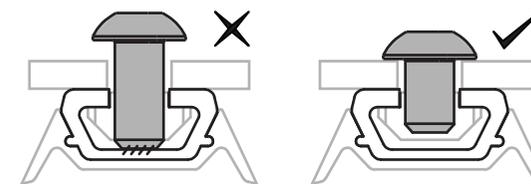
Slide Nut



Twist Nut



Step B. Find the right bolt and spacer combination.



To ensure the correct bolt length measure the thickness of the accessory being mounted to the rail. Use this dimension to compare to the table below.

ACCESSORY THICKNESS (mm)	BOLT LENGTH (mm)
<2.5	6
2.6-4.5	8
4.6-6.5	10
6.6-8	12