

STEALTH Taking a photo template

Please read these instructions carefully and use the checklist to ensure a usable photo. Capturing this photo can require persistence and precision, and will pay off in the form of a perfectly fitting bag for your frame.

Prepare your frame

Full frame bags - take all bottle cages off and return the bolts to the holes

Half-frame bags - fit bottle cages and place bottles in the cages so the bag can be made to accommodate them.

Attach a ruler, tape measure to the frame

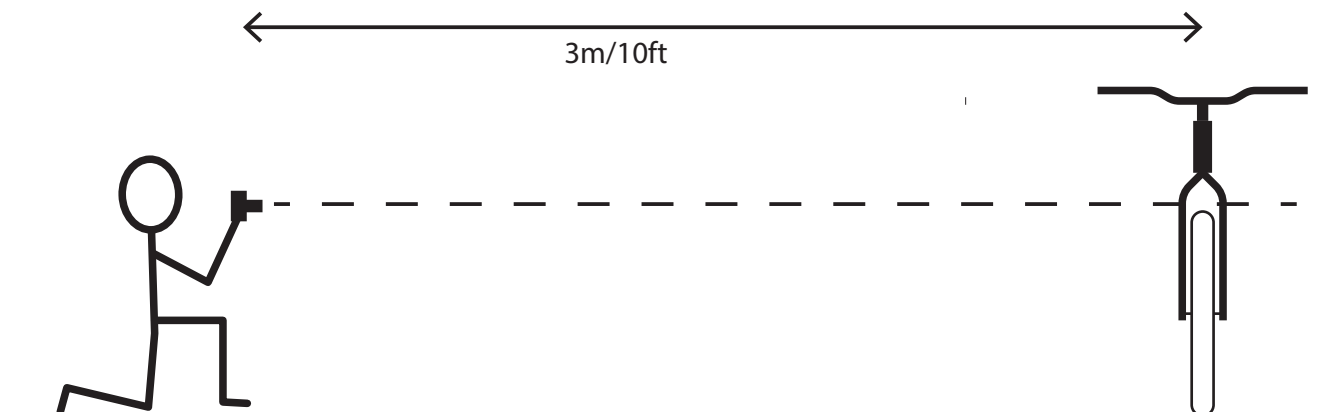
- Attach the measuring tape or ruler to the frame. You can use cellotape or masking tape.
- Ensure the measuring reference (ruler or tape) runs straight and does not have any kinks near the frame
- Ensure the measurement reference (ruler or tape,) does not obstruct the view of the inside of the frame.

Set up your bike

- Place your bike up against a contrasting background so the edges of the frame are easy to identify
- Ensure the bike is as close to vertical as possible.

Position your camera

- Walk a minimum of 3m back from the bike frame (more is better if your camera is good)
- Crouch down so the camera is in the same horizontal plane as the centre of the frame.



Take the photo and then use the checklist on the next page

Checklist

- I am sending ONLY ONE high resolution photo. Please confirm in the email that the photo was taken from at least 3m from the bike.
- The markings (divisions) every 1cm or 1in on the tape can be clearly seen and pinpointed in the image (you may need to zoom into the image on your phone or computer to check this). The numbers on the tape need to be legible (but not super clear) in order for me to scale the image.
- I have included the make, model, size and year of the bike in the email.

Sample Image

The sample image below has been taken from 5m with a digital camera. I have zoomed in a section on the tape so you can see the ideal definition.



Tips

- Ensure you have good lighting, outside but out of direct sunlight is ideal
- Use a digital camera if you have one
- If you have an optical zoom on your camera you can use this to zoom in before taking the image to get better definition
- Use a ruler/tape with high contrast markings, black on white is ideal

FAQ

I cannot see the ruler/tape markings in the image taken from a distance. Can I send you an additional close up photo to show you the markings?

No sorry. I know this can be frustrating, however when I receive your photo I use a computer programme to scale up the image to a life size template. To do so, I zoom right into your image and pick two very specific measurement points on your ruler/tape. Therefore, it is vital that these markings are clearly visible on the original image (not provided via a second close up photo).

Can I just move closer to see the tape markings? Why do I need to be so far away from the bike?

It is all about perspective. While the human eye can look at the image and imagine the bike in 3D, our cameras and the computer programme cannot. The closer the camera is to the bike, the more the 2D shape of the frame can change. A photo taken closer than 3m will result in a distorted/wrong size image and ultimately a poor fitting frame bag! Ensuring you are at the correct distance ensures the correct perspective and a nicely fitting frame bag.

Can I send you the dimensions of the frame or the geometry chart?

It is very hard to make an accurately fitting frame bag based off measurements of the frame. Given that I am working with angles and potentially curves, even a tiny error in measurement can result in large discrepancies across the frame bag.

This is complicated! I live in Wellington. Can you do it for me?

Yes! Visit my workshop and I will happily measure up a template for you.

Are there any other options?

For some it may remain easiest to make a paper template and send it via the post. For instructions on how to make a paper template please refer to the website