

Tanaka Lift-Loc Basket Rack Instructions

What to expect in the bag:

- (1) Lift-Loc Basket Rack platform
- (2) 410mm aluminum struts
- (2) 250mm aluminum struts

Hardware included in the build kit:

For attaching the struts

- A) (4) 9mm aluminum spacers
- B) (4) eyebolts
- C) (4) M6 Nyloc nuts
- D) (4) washers

For attaching the struts to the fork, etc.

- E) (4) M5 x 12mm screws for attaching the struts to the fork
- F) (4) rubber tips for capping the ends of the struts after trimming them down

For attaching the rack platform to your fork crown

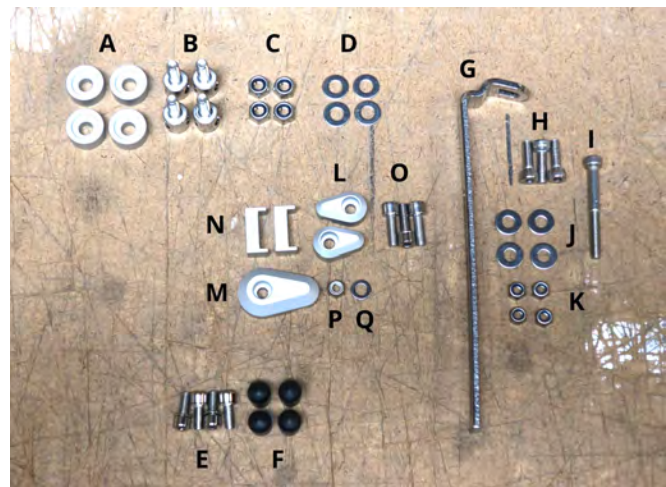
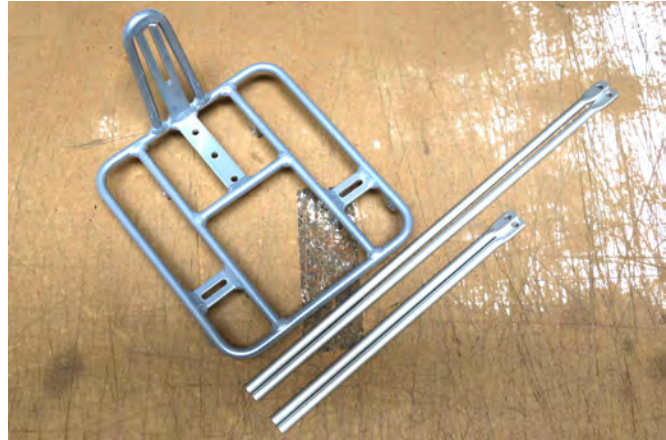
- G) (1) 166mm tongue
- H) (3) M5 x 16mm screws
- I) (1) M5 x 45mm screw for your fork crown
- J) (4) washers
- K) (4) M5 Nyloc nuts

For mounting a basket to the rack

- L) (2) small teardrop mounting blocks
- M) (1) large teardrop mounting blocks
- N) (2) threaded mounting blocks (for use with small teardrop blocks)
- O) (3) M5 x 16mm screws
- P) (1) M5 Nyloc nut (for use with large teardrop mounting block)
- Q) (1) washer (for use with large teardrop mounting block)

Tools needed for installation:

- 4mm Allen wrench for all included screws
- 10mm wrench for nuts to secure struts
- 8mm wrench for all other nuts used

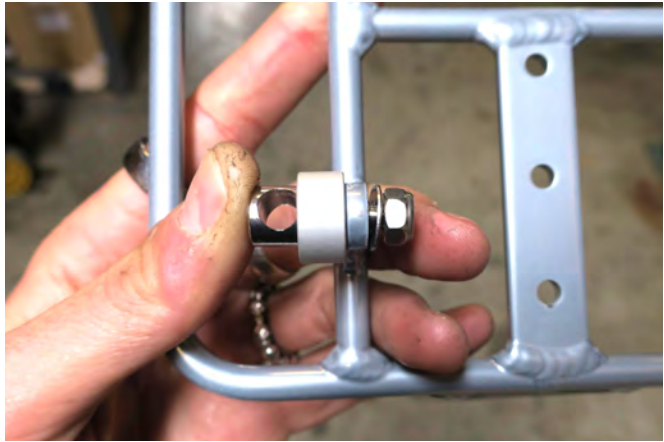


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1. Snag two (2) sets of the 9mm spacers, eyebolts, M6 Nyloc nuts, & washers.



2. Assemble as is shown in the image to the right and insert the shorter rear struts, tightening them down until you have a little friction in moving them.



3. Next, attach the tongue as is shown in the photo to the right. To do so, first use two (2) M5 Nyloc nuts, two (2) washers, and two (2) M5 x 16mm screws, loosely attaching the tongue to the rack platform.



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4. Use two (2) M5 x 12 screws to attach the rear struts to the upper braze-ons of your fork. If your fork doesn't have any fork braze-ons, you may need to use p-clamps.



5. Do not attach the tongue to the fork crown just yet. Either through the use of a level or by just eyeballing it, make sure the rack platform has the desired angle or is fully level. Be sure that you have your bike out of the stand or level. This is important to ensure that there's at least 1/2" to an 1" between the rack platform and the top of your tire.

6. Note the amount of bending needed to have the tongue align with the fork crown hole. Then remove the tongue if you need to adjust it. Using either a piece of wood or a table's edge with a rag to prevent marring, use one hand to hold down the flat end of the tongue. Using the palm of your other hand, begin gently pushing down the other end of the tongue until you achieve the desired bend.



Note on rack installation: Racks are made to fit *most* bikes, but not *all* bikes. Thus we have the above suggestions on how to slightly bend the tongue and, while our included hardware is complete, it is by no means exhaustive. You may need to omit some of the included hardware or add items that your bike needs that we did not include.

7. Re-attach the tongue and then attach the rack at the fork crown and the upper braze-ons (or with p-clamps). Level your rack again and tighten down the rear struts, noting where the struts need to be trimmed. Mock up the front struts and note where they need to be trimmed. Mark where your front and rear struts need to be cut using a Sharpie or the cutting tool you plan on using.



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8. Removing your rack, loosen the hardware holding the front and rear struts. The use of a shop vice is ideal to avoid injury while cutting & sanding the ends of the struts. Be sure to trim the end of the struts that **does not** have the eyelet hole. Also be sure to leave enough strut to allow for use of the rubber tips.

9. Once the struts are sanded down, re-attach your rack to your bike. Level the rack and tighten all hardware, securing the rear struts to the upper fork braze-ons (or with p-clamps), the front struts to the fork tip eyelets (or with p-clamps), & tongue to the fork crown hole. Finally, be sure to add the rubber tips to the freshly-cut struts.

Optional Wire Basket Attachment Instructions

10. Now that the rack is affixed to your bike, grab the two (2) threaded mounting blocks and two (2) small teardrop mounting blocks along with the two (2) M5 x 16mm screws.

Line up the threaded blocks underneath the front basket attachment points, lipped side up.



11. The large teardrop mounting block is attached using one (1) M5 x 16mm screw, one (1) washer, and one (1) M5 Nyloc nut. See photo for reference.



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12. Leaving the front mounting assembly loose, center your basket on the rack, slipping a wire from the bed of the basket under the teardrop mounting block. The photo to the right has just one method of attachment. The orientation may vary based on the spacing of the basket that you're opting to use.



13. Finally, slide the tombstone-mounted block to the appropriate height needed to affix the chosen basket to the rack. Once you've done so, tighten down all three screws to secure both the tombstone mounting block and the two front mounting blocks.

Check for movement and, once secured, you're ready to begin enjoying your new rack and basket system!

