

CIVIA LORING: FRONT RACK INSTALLATION

This manual will show you how to successfully install the Loring front rack. The first three pictures show the small parts that come with the Loring front rack. The remaining text and pictures detail the recommended steps for rack installation.

Required tools: 4, 5mm hex wrench and 8, 10mm box wrench

FIGURE 1

The parts that come zip-tied to the rack's structure



Figure 1

FIGURE 2

Contents of the small parts bag:

- 8 bolts: (M6 X 25mm)
 - 2 for strut attachment to underside of deck
 - 4 for removable rail attachment
 - 2 for fastening rack body to stainless steel fork crown bracket
- 1 bolt, 1 washer and 1 nut for mounting light bracket (M5 X 25mm bolt, M5 Nyloc nut, M5 washer)
- 2 bolts for attaching struts to frame (M5 x 16mm)
- 1 bolt for attaching stainless steel bracket to underside of Loring fork crown (M5 X 12mm)
- 1 stainless steel fork crown bracket
- 1 Velcro strap for U-lock holder
- 1 light bracket, can be positioned under any of the bamboo deck bolts

FIGURE 3

The approximate, relative, layout of the small parts once they are connected to the bicycle and rack



Figure 2



Figure 3

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The following sequence is recommended for installing the Loring rack:

STEP 1

- Install the front fender stays to the loop straps already attached to the front fork
- Install stainless steel rack bracket to front fork with the under-crown bolt

STEP 2

- Take the anti-flop spring and its hardware out of the packaging
- Trim the plastic spring guard to a length that adequately covers the spring when stretched
- Assemble fork crown through-bolt assembly as follows:
Bolt – Washer – L bracket
- Attach spring and sleeve to eyelet in bolt on underside of downtube

STEP 3

- Attach spring and sleeve to L bracket on fork crown bolt assembly

STEP 4

- Turn handlebars to the side and slide bolt through fender bracket, fork crown and rack bracket

STEP 5

- Tighten fork crown bolt with 5mm hex and 10mm box wrench

STEP 6

- Make sure that the spring's L bracket is in the “down” position when fully tight. (Note: the plastic spring guard shown here was cut to the shortest acceptable length)



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6

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STEP 7

- Attach main rack body to stainless steel rack bracket (5mm hex wrench)

STEP 8

- Place rack struts in their underside mounts, making sure the slight bend in the bracket curves away from the center of the bike. This makes for a flat contact point between the struts and the fork

STEP 9

- Bolt the struts to the fork (4mm hex wrench)

STEP 10

- Bolt the struts to the underside of the rack (5mm hex wrench)

STEP 11

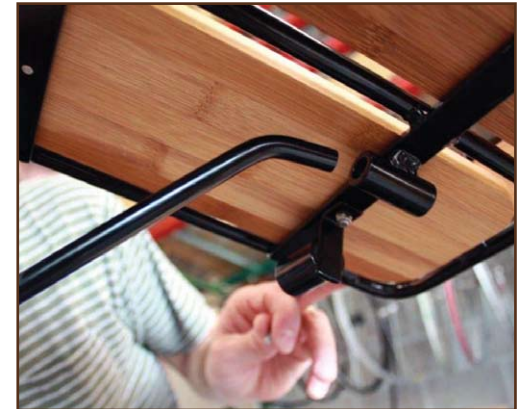
- Place the detachable rails in their respective mounts, U-lock holster rail is drive-side, standard rail is non-drive side

STEP 12

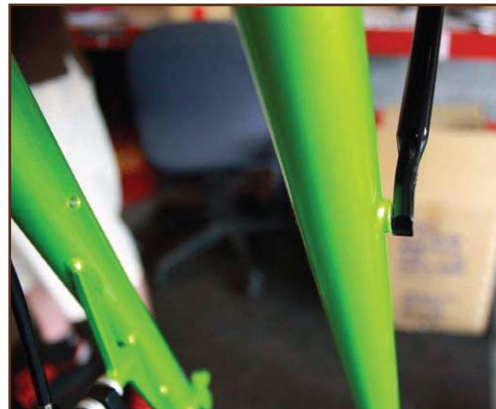
- Bolt the rails into their mounts (5mm hex wrench)



Step 7



Step 8



Step 9



Step 10



Step 11



Step 12

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STEP 13

- To install the detachable light bracket, remove the bamboo decking bolt above where you want the light mount to go
- Replace the standard decking bolt with the 125mm bolt of the same style

STEP 14

- Place mount on the underside of the rack, over the protruding bolt and attach the small nut to the bolt
- Secure the light mount in place using a 4mm hex and an 8mm box wrench

STEP 15

- To center the rack, loosen the bolts connecting the stainless steel rack bracket to the rack body and the struts to the body

STEP 16

- With these 4 bolts loose, center the rack

Verify the installation has been completed by checking bolts, applying pressure to sides and deck, and listening for any rattling.



Step 13



Step 14



Step 15



Step 16