

Birdy 2005: Installation of Lowrider (PC-LOWRIDER) v1.2 Jan 2006

Congratulations on purchasing the Birdy Lowrider. The lowrider allows front panniers to be attached to the Birdy. The lowrider does not need to be removed for folding – it folds with the Birdy.

The maximum rated load is 10kgs.

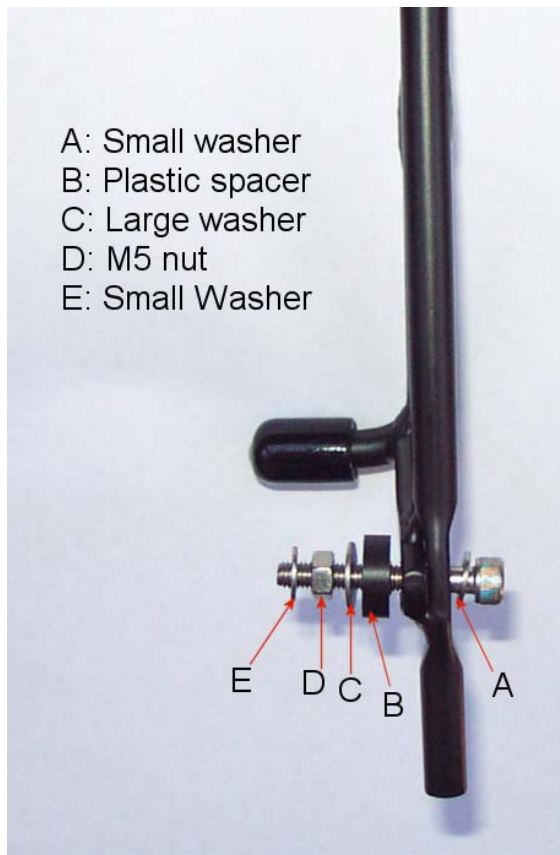
Contents of Pack

- 1 x Lowrider main piece (black)
- 2 x lower pannier supports (silver)
- 2 x Bolt M5 x 35mm
- 2 x Black plastic spacer washer (B)
- 4 x small metal washer (A) (E)
- 2 x large metal washer (C)
- 2 x M5 standard nut (D)
- 2 x black plastic cap

Tools needed

Allen key 3mm

8mm spanner (this needs to be quite a thin spanner)



Assembly

On each side of the lowrider assemble the various bolts, washers and nuts exactly as shown in the photo.

The lowrider attaches to the vertical sections of the front fork that are closest to the head tube (see arrow on photo below).



If there are two bolts already in these holes – you can remove them. They are only there to prevent dirt getting into the threads.

Tip: As you position the lowrider over the holes, be careful that the small washers (at 'E' in the photo) don't fall off.

Follow these steps for each side of the lowrider (you can start on the left or right side)...

Screw in the bolt, but as you do so immobilise the nut (at 'D' in the photo) with an 8mm spanner. If you don't immobilise it, it will bind against the frame and prevent you from screwing the bolt in.

Do not over tighten the bolt, the lowrider should be able to rotate upwards easily for folding. But there should be no sideways play in the parts. If there is play in the setup then the lowrider will be very noisy every time you go over a bump. If the setup is too tight then there is a chance that when you lift the lowrider up (for folding) that you will start to unscrew the bolt. **This will certainly result in thread damage over time when a load is applied and will void your warranty.**

In the unlikely event that the bolt on the right side will not screw all the way in to the frame, it is possible that the lowrider bolt is hitting the fixing bolt located on the inside piece of the fork (the purpose of the fixing bolt is to hold the tyre in place when folding). Should this be the case, remove the bolt and either use one that is 5mm shorter or cut 5mm off the bolt with a hacksaw.

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To prevent the bolt from coming loose, you now need to tighten the nut. To do this, put an Allen key in the bolt and hold firmly so that the bolt is immobilised. Now with an 8mm spanner tighten the nut clockwise until it is done up tightly. This will prevent the bolt from coming loose. Now repeat the above steps for the other side. The installation of the main body of the lowrider is now complete.

Now you need to install the two pannier supports. These go on either side of the quick release skewer of the front wheel. If you are not using a bike work stand, the easiest way to install these may be to turn your bike upside down.

When you install the pannier supports, the vertical posts should look like that shown in the photo below. If they don't look like the photo, swap the pieces.



The installation is now complete.

SAFETY WARNING:

The lowrider supports are 4mm thick. They therefore increase the clamping distance of the quick release skewer by 8mm in total. **It is essential that you do not attempt to use the original quick release skewer after installing the lowrider even if it appears to do up correctly.** There will certainly not be enough thread engaging in the nut of the quick release skewer and riding forces could result in the thread being stripped and the quick release skewer failing.

A quick release skewer of the correct length is supplied in the pack, please make sure that you use it. You should keep the old one in case you want to remove the Lowrider from your bike.

For reference the correct length of the quick release skewer is between 115-116mm, You can order a spare one from Birdy Imports if you need to – the stock code is shown below.

PC-QRSKEW-F115
support@birdy.com.au
Ph: 02-91306989

We recommend attaching the Ortlieb Front Roller Plus or Front Roller classic panniers to the lowrider. However a range of panniers from different manufacturers can be fitted.

We hope you enjoy using the lowrider.

! To customers: All the procedures described require a certain degree of skill, suitable tools and mechanical experience. We recommend these procedures should be carried out only by your dealer.
! To dealers: Please always give this manual to your customer because it may contain additional information that they may need.