

Assembly of Birdy Fender Set (PC-FDR-485) v1.0 May 05

Congratulations on purchasing the Birdy Fender set. The Fender set consists of front and rear fender pieces, 2 specialised fender stays and all small parts needed for attachment to the bike.

In addition to keeping the rider dry, the rear fender in particular is needed when rear panniers are attached to the bike. The rear fender stay (F) is what prevents the panniers from bouncing into the wheel.

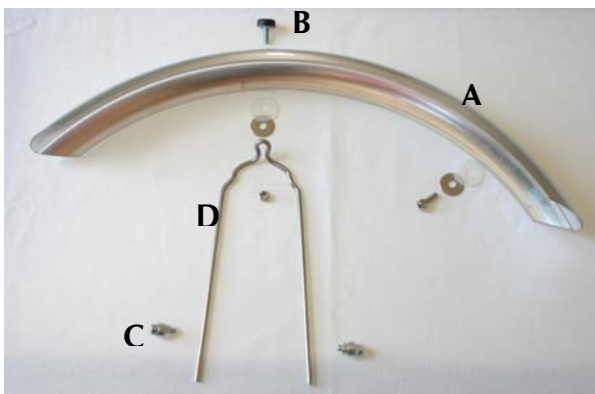
Scope of delivery

- 1 x Front Fender piece
- 1 x Rear Fender piece (with tail)
- 1 x Alu stay for rear fender
- 1 x metal stay for front fender
- 1 x Bag small parts for front (F) fender
- 1 x Bag small parts for rear (R) fender

All the bolts, nuts and washers needed for the fenders are in separate bags marked (F) and (R) for front and rear. Try and keep these packs separate so that it is clearer which parts are needed for which fender.

Assembly: Front Fender

The picture below shows the general layout of small parts for the front fender.



You can start by pre-attaching the front metal fender stay (D) to the fender (A). You will need the locknut, large plastic washer, large metal washer and the bolt with the black knob (B).

The order of the parts here is important and is slightly different to that shown in the photo. The bolt with the black knob (B) goes through the fender from the top side, then on the underside comes the large plastic washer, then the metal fender stay (D)

followed by the large metal washer and the locknut. Do this up nice and tight. It can be convenient to gently hold the black knob (B) in a pair of pliers or vice grips while using an 8mm spanner on the underside to tighten. Check the orientation in the photo below to make sure that you have the fender stay (D) around the right way.



To attach the front fender to the bike, remove the front wheel. Use the remaining bolts and washers to attach the fender to the underside of the fork. Again the order of these parts is important. The order from the front fork should be:

Large plastic washer, then fender, then large plastic washer, then large metal washer, then bolt.

The first large plastic washer between the fork and the fender is important as it lowers the fender a little bit to get it out of the way of the front brake noodle.

The two remaining special bolts (C) are used to secure the free ends of the fender stay (D) to the insides of the front fork. Unscrew the nuts of these two bolts (C). **We recommend that you use a drop of locktite on these bolts when assembling.**

Right near the pivot points of the front fork, you will see a small hole on the inside piece of the fork. The bolts go through these holes (one on each side) and the wire ends of the front fender stay (D) go through the holes in the head of the bolt. Now screw the two nuts that you took off into place. This is a little tricky because there isn't a lot of room in the pivot set joint to get your fingers in.

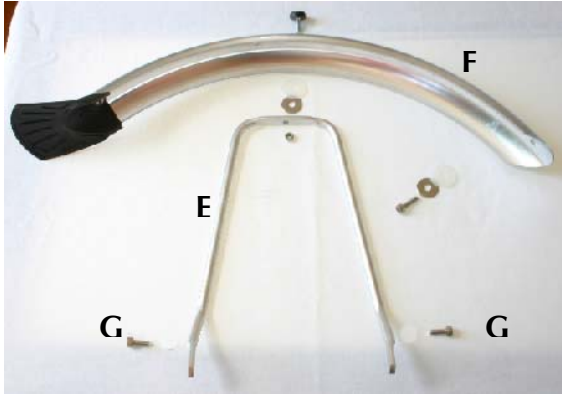
You can now put the front wheel back in. Before tightening the nuts holding the front fender stay in place too much, adjust the fender up and down a bit so that the gap between the fender and the tyre remains constant all the way along its path. Now tighten the nuts using an 8mm spanner.

The front fender is now complete.

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Assembly: Rear Fender

The picture below shows the general layout of small parts for the rear fender.



You can start by pre-attaching the rear metal fender stay (E) to the rear fender (F). You will need the locknut, large plastic washer, large metal washer and the bolt with the black knob (B). The order of the parts here is important and is different from the front fender. It is also a little different to the order of parts shown in the photo (because it's hard to take a photo showing the pieces laid out correctly). The correct order is: Bolt with black knob (B), then rear metal stay (E), then rear fender (F), then large plastic washer, then large metal washer then locknut.

When you've finished, it should look like the photo below:



Make sure the fender stay is tightly attached to the fender – follow the tip about using vice grips described earlier for the front fender.

You are now ready to attach the rear fender to the bike. You'll need to remove the rear wheel.

Locate the two short bolts (G) that look the same in the pack of small parts for the rear fender. (They will be a little shorter and fatter than the other bolt still in the pack). Use these bolts to attach the rear fender stay to the rear drop outs on the bike. After attaching it should look like in the photo below.



Note that there are two holes on the drop out. You must attach the fender stay to the larger hole that will be towards the front of the drop out (the right-hand hole with reference to the photo above).

Use the remaining bolts and washers to attach the rear fender to the underside of the rear swing arm. Again the order of these parts is important. The order from the front fork should be:

2 x Large plastic washer, then fender, then large plastic washer, then large metal washer, then bolt.

The first two large plastic washers between the rear swing arm and the fender are important as they lower the fender a little bit to get it out of the way of the rear brake noodle.

The fender installation is now complete – happy riding !

! To customers: The procedures described require a certain degree of skill, suitable tools and mechanical experience. We recommend these procedures are carried out only by your dealer.

! To dealers: Please always give this document to your customer after installation.