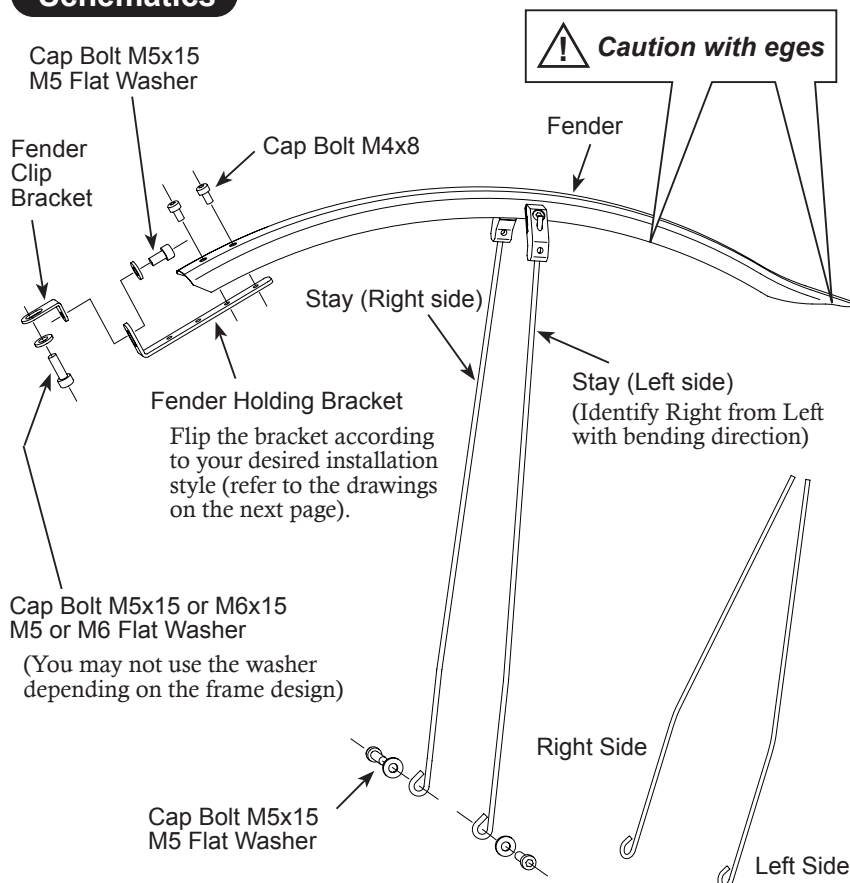


## REAR FENDER

"KODACHI" is the series name of the shorter version of Minoura's DYK-series bicycle fender (mudguard). (The longer version is called "OODACHI")

Standard fenders are usually made of plastic, which is difficult to recycle and harmful to the environment. In contrast, Minoura's DYK-series fenders are made only from the materials that are easy to recycle, such as stainless steel or light alloy.

### Schematics



### Applicable Wheel Size

26 - 28 inch / 650c - 700c

### Fender Width

50 mm (will not fit to any wider tires)

### Contents

#### [Body Side]

Fender	.....	1
Stay (Right side)	.....	1
Stay (Left side)	.....	1
Fender Clamp Base, Back Plate,		
Headless Bolt M4x3	.....	2
Cap Bolt M4x10	.....	2

#### [Parts Bag 1]

Fender Holding Bracket	.....	1
Fender Clip Bracket	.....	1
Cap Bolt M4x8	.....	2
Cap Bolt M5x10	.....	1
Cap Bolt M5x15	.....	3
Cap Bolt M6x15	.....	1
M5 Flat Washer	.....	4

#### [Parts Bag 2]

2mm Hex Wrench (for M4 Headless Bolt)	
3 mm Hex Wrench (for M4 Cap Bolt)	
4 mm Hex Wrench (for M5 Cap Bolt)	

<Caution> 5mm Hex Wrench for M6 Cap Bolt is NOT included in this kit.

### Cautions on Installation & Dairy Use

- This product is positioned very close to the fast-spinning wheel. If it is not installed properly, it can be dangerous and may get caught in the wheel. We strongly recommend having this product installed by a well-trained and experienced mechanic or at a bike shop. Minoura will not be responsible for any damage or injury resulting from improper installation.
- Check that all bolts are properly tightened every time using this product.
- Make sure no part of your bike or your body (especially your toes) comes into contact with the fender before you start riding.
- When you need to cut the stay to adjust its length, use a proper tool such as a clipper. You can not cut the stainless steel rod with standard nippers or pliers.
- Be aware that the tip of the Stay is very sharp and may cause injury. Grind the tip for your safety. Do NOT use a standard file, as the stainless steel material is very hard.
- If you notice any strange sounds or vibrations from the fender while using, stop using it immediately and contact the shop where it was installed.
- This product may not fit certain bike frames due to special frame designs or dimensions.

### Contact

MINOURA JAPAN

134-1 Shimomiya, Godo, Anpachi, Gifu 503-2312 Japan

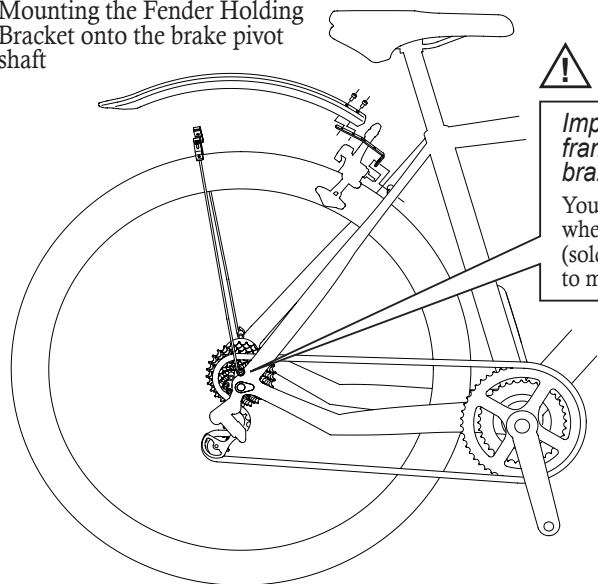
Email minoura@minoura.jp Web www.minoura.jp

Made in Japan

## How To Install

### [ Assembling with Rear Caliper Brake ]

Mounting the Fender Holding Bracket onto the brake pivot shaft



**Impossible to install if your frame does not have any braze-on near rear axle.**

You can use the optional special wheel thru-axle with thread holes (sold separately) or our EB-band to mount the fender.

- ① Remove the rear caliper brake fist. (This is a very sensitive task. Please ask a mechanic to perform it.)
- ② Put the Fender Holding Bracket through the brake pivot shaft then install back the brake to the bike. Make sure the brake arm's smooth action will not be disturbed by the bracket.

- ③ Attach the fender to the bracket using two Cap Bolts M4x8.
- ④ Clamp the edge of the fender with the supplied Fender Clamp Base, and secure it by tightening the Cap Bolt M4x10.  
Insert the Stay into the hole on the Clamp Base from the bottom.
- ⑤ Hold the other side of the Stay to the braze-on on the front fork using a Cap Bolt M5x15 .
- ⑥ Adjust the clearance between the fender and the tire by telescoping the Stay, and secure it by tightening the headless bolt M4x3.  
You can set the fender style closer or wider by adjusting the Stay length.

- ⑦ At this stage, it can be dangerous if the Stay comes out of the hole or is left secured. To prevent this, cut the Stay so that it can not come out of the fender. Mark the cut line with a felt pen.

Since it is difficult to cut the Stay while it is attached to the base, we recommend removing it first, cutting it, and then reinstalling it.

Cap Bolt M4x10

④

Back Plate

Fender Clamp Base

Stay



Set the positions of the fender and Clamp Base properly so they do not interfere with the spinning wheel or tire. If the fender gets caught in the wheel while riding, it may cause a sudden stop and could result in an injury.

Headless Bolt M4x3

⑥

⑦

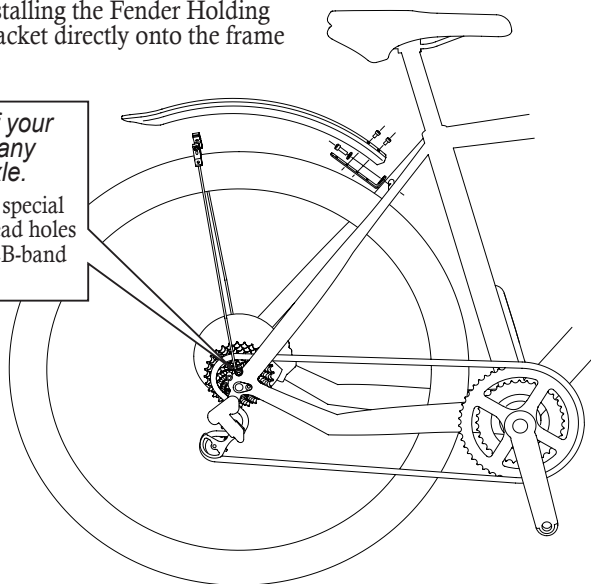
Cut



Simply cutting the Stay can still be dangerous because the cut surface is very sharp. Grind it for your safety. It may be difficult to do this with a file due to the Stay's very hard material.

### [ Directly Mounting on the Rear Frame Bridge (disc brake bike) ]

Installing the Fender Holding Bracket directly onto the frame

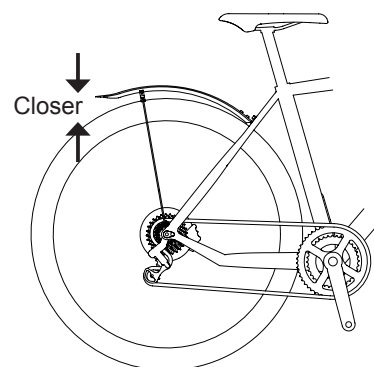


- ① Attach the Fender Holding Bracket onto the hole on your bike frame's rear bridge with the Cap Bolt M5x15.
- ② If the hole faces downward, attach the Fender Clip Bracket separately onto the frame bridge with the Cap bolt M5x15 or M6x15 (refer the previous page), then attach the Fender Holding Bracket on it. (see previous page)

Cap Bolt M5x15 / M5 Flat Washer  
Cap Bolt M4x8

③

Fender Holding Bracket



Closer

⑥

Wider

