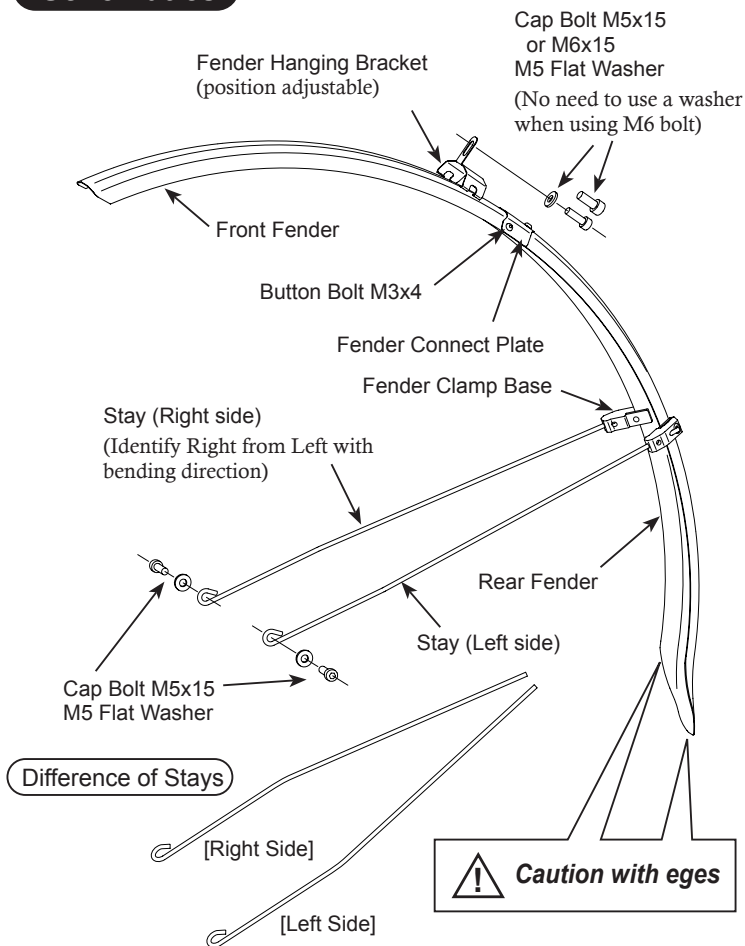


FRONT FENDER

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

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

47mm (capable max tire width is 45mm)

Contents

[Body Side]

Fender (Front & Rear)	.....	1 each
Stay (Right & Left side)	.....	1 each
Fender Connect Plate (Inner & Outer side)	.....	1 each
Fender Clamp Base, Back Plate,		
Headless Bolt M4x3	.....	2 each
Cap Bolt M4x8	.....	2
Button Bolt M3x4	.....	3

[Parts Bag #1]

Fender Haging Bracket	.....	1
Protection Tape (22x55mm)	.....	1
Cap Bolt M5x15	.....	3
Cap Bolt M6x15	.....	1
M5 Flat Washer	.....	3

[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>

No 5mm Hex Wrench supplied in this kit

Caution on Installation & Dairy Use

- This product is positioned very close to the fast-spinning wheel. If it is not installed properly, it may be dangerous and could 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 each time you use 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 cannot 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 unusual sound or vibration from the fender while using it, stop 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

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Made in Japan

How To Install

① First, connect the Front and Rear Fenders.

Be aware that the Front and the Fender Connect Plate are pre-assembled in the factory. Loosen the Button Bolts which hold the Front Fender, and remove the center bolt (Fig. A). Insert the Rear Fender between the Front Fender and the Plate, then insert the removed bolt into the center hole to hold the Rear Fender (Fig. B).

② Set the Fender Hanging Bracket behind the front fork with the M5x15 or M6x15 Cap Bolt (Fig. C).

If your bike's fork crown doesn't have a hole, you can not install this fender on your bike.

If the bracket can not be secured with the supplied bolt, use a longer bolt instead. Insert it into the hole on the fork crown from the front side (please prepare the bolt and nut yourself).

③ Place the pre-assembled fender under the Fender Hanging Bracket, and set it along the front wheel as it keeps almost same clearance to the tire, then decide its position.

Be aware that the fender is made of brightful but easy-to-be-scratched material. Handle it care.

You can set the front fender at any position you want.

Normally, the rear end of the fender should be positioned below to the front wheel axle height (see Fig. C).

④ Once the fender position is decided, fix it to the Fender Hanging Bracket.

You stick the supplied rubber sheet on the back side of the fender to protect it from scratching and avoid unexpected moving to wrong position during use. You bend all 4 tangs inward and dig them into the rubber sheet (see Fig. D). When bending the tang, you should use a plier that you put a Vinyl tape on the jaws to avoid scratching.

⑤ Clamp a certain position on the fender edge by the Fender Clamp Base and the Back Plate.

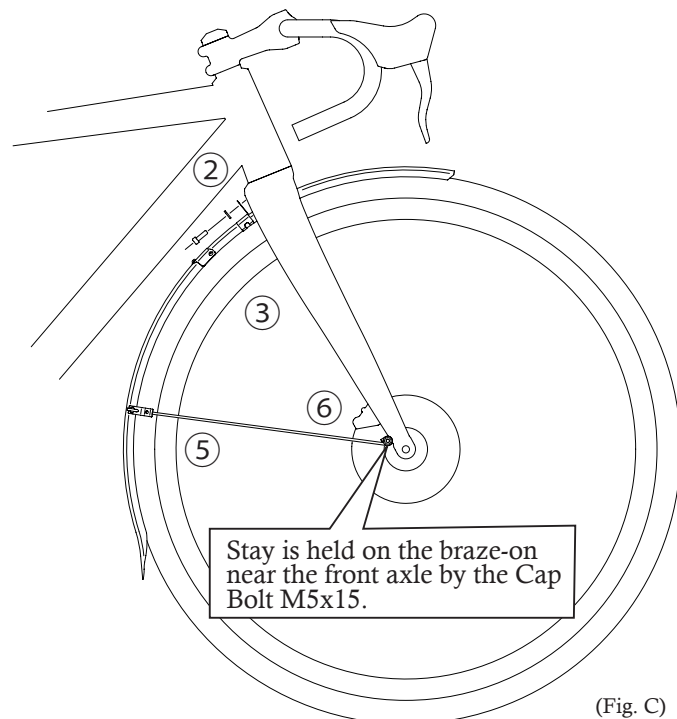
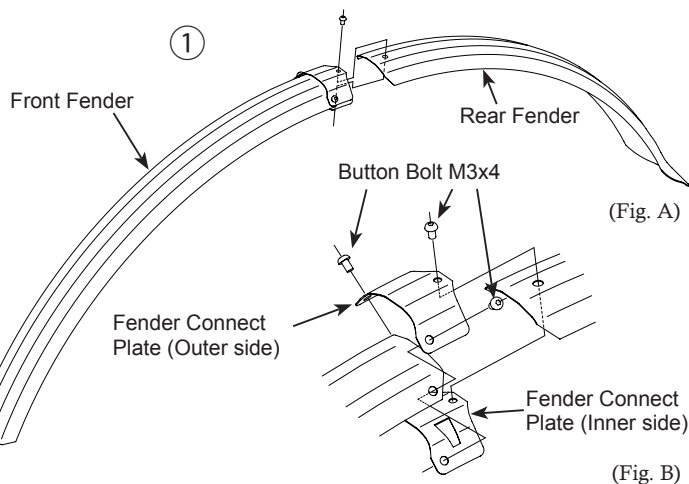
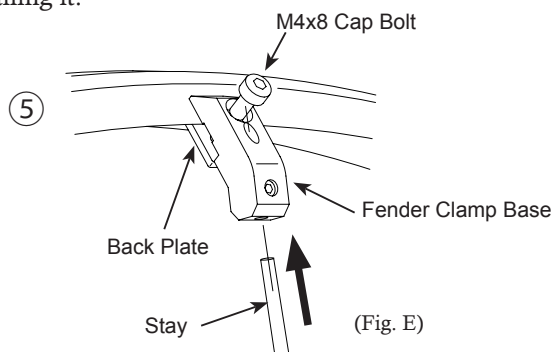
The Fender Clamp Base and the Back Plate are secured by tightening the M4x8 Cap Bolt. Insert the Stay into the hole under the base (see Fig. E).

⑥ Hold the loop side of the Stay to the braze-on on the front fork with M5x15 Cap Bolt.

Adjust the clearance between the fender and the tire by telescoping the Stay, and secure it by tightening the headless bolt M4x3.

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.



If your bike does not have any braze-on, you can use an extra braze-on bracket or our EB-Band (sold separately).



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.

