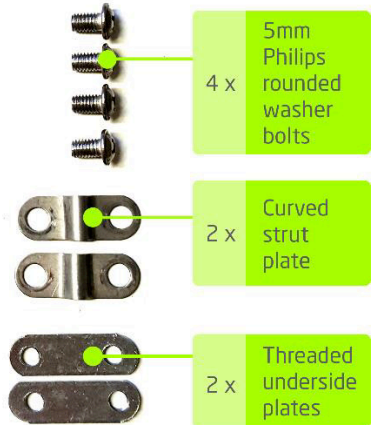


HOW TO FIT MUDGUARDS WITH FIXED-LENGTH STRUTS FOR FROG 52 TO 78 HYBRID MODELS

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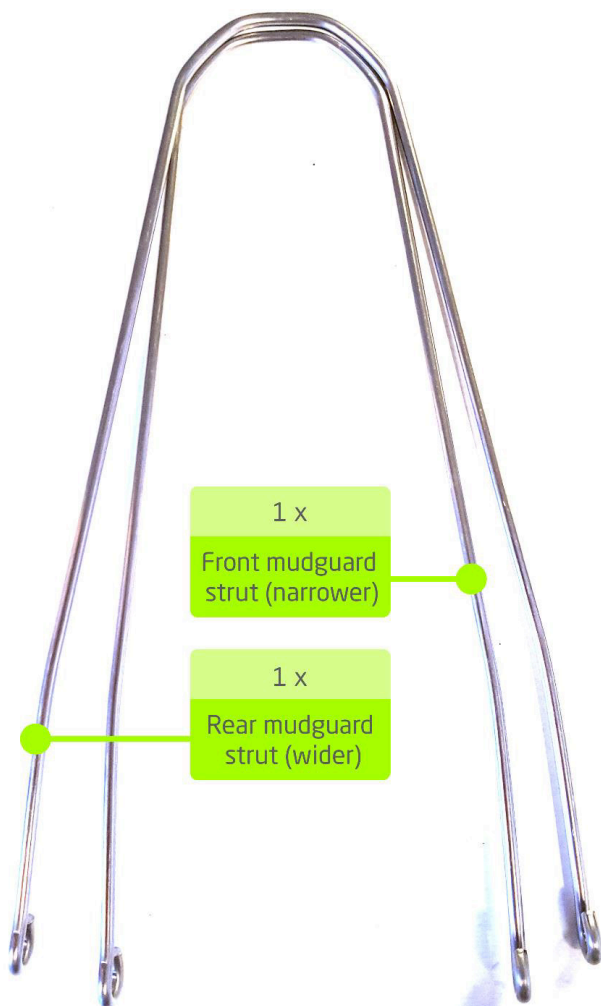
WHAT'S IN THE BOX



FITTING THE FRONT MUDGUARD

STEP 1.

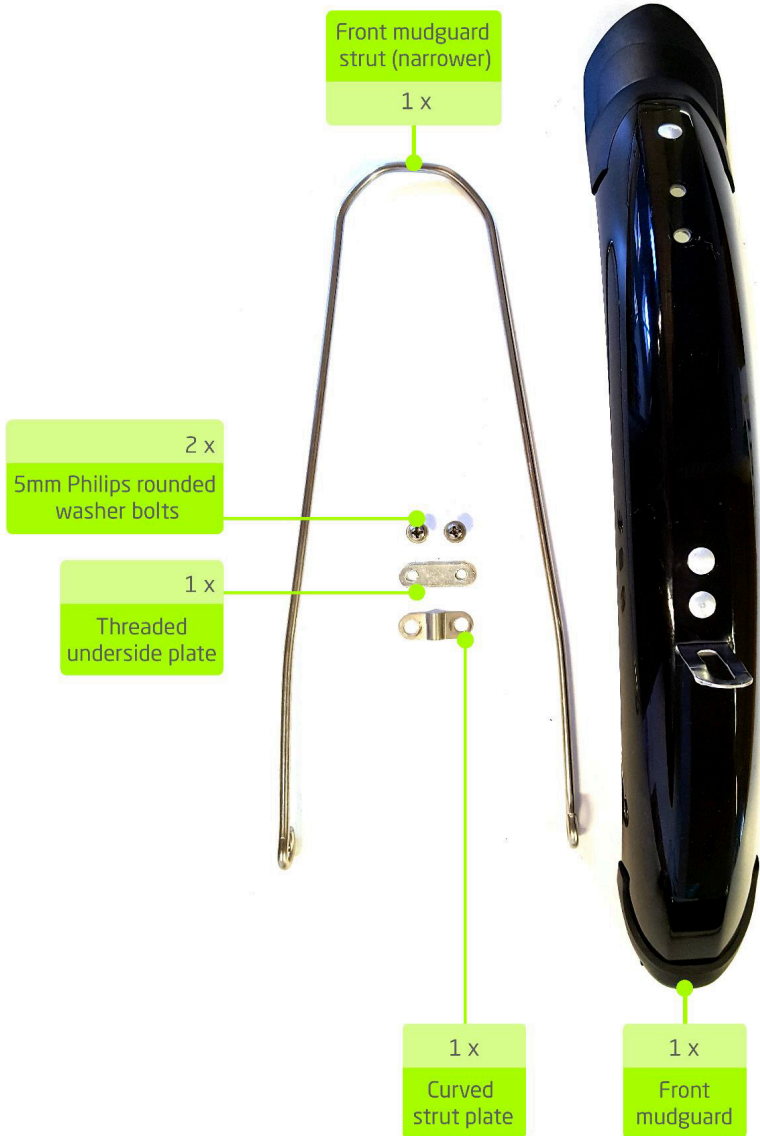
Choose the correct mudguard strut.



FITTING THE FRONT MUDGUARD

STEP 2.

Gather the correct parts for assembling the struts on to the mudguard.



FITTING THE FRONT MUDGUARD

STEP 3.

Loosely attach strut to the mudguard using the bolts and plates.

The bolts go through the curved plate, which sits over the strut on top of the mudguard. The threaded plate sits underneath the mudguard, which the bolts screw in to.



FITTING THE FRONT MUDGUARD

STEP 4.

Collect together the other parts needed for fitting the front mudguard to the bike.



FITTING THE FRONT MUDGUARD

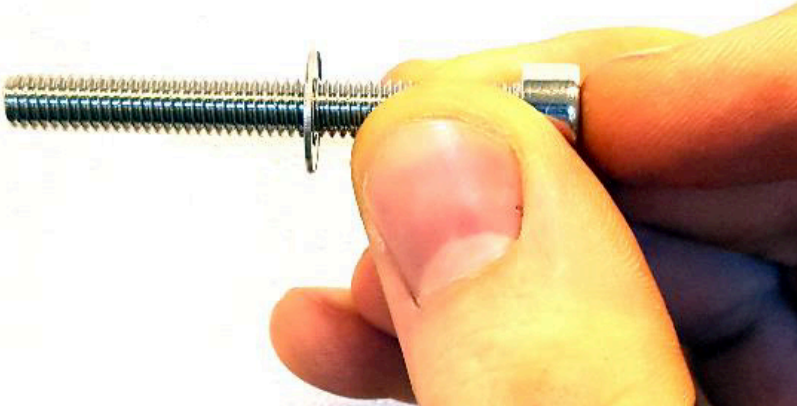
STEP 5.

Undo brake calliper and remove front wheel.



STEP 6.

The 6mm x 50mm bolt is used to attach the front mudguard to the fork. Place a 6mm washer on the bolt first.



FITTING THE FRONT MUDGUARD

STEP 7.

Place mudguard between the fork legs, ensure that the metal tab is in front of the fork crown. The bolt and washer slot through the holes.



STEP 8.

The mudguard should now be loosely bolted on to the fork leg.

They are assembled in the following order from left to right in the picture; 6mm Allen bolt, 6mm washer, mudguard metal tab, fork crown, 6mm washer and 6mm lock-nut.



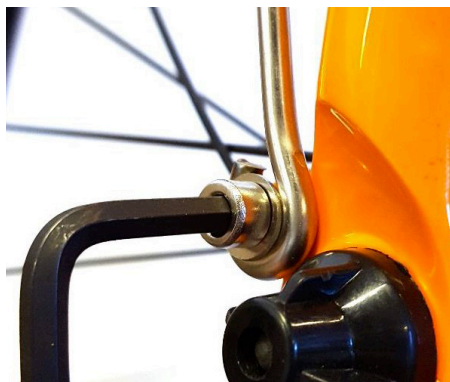
FITTING THE FRONT MUDGUARD

STEP 9.

Bolt the struts to the outside of the fork legs.

A 5mm washer is placed on the 5mmx12mm Allen bolt, which is threaded through the fork strut eyelet and screwed into the fork leg.

Tighten these bolts up with a 5mm Allen key so that the strut does not rattle around.



STEP 10.

Reinsert the front wheel.



FITTING THE FRONT MUDGUARD

STEP 11.

Tighten the front mudguard main bolt through the fork using a 10mm spanner and a 6mm Allen key.

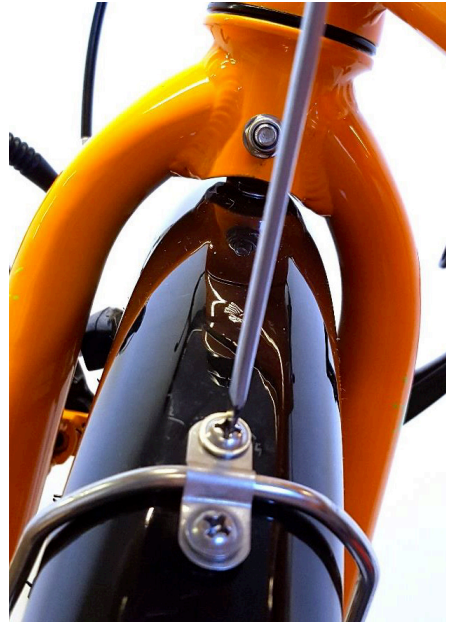
Ensure that there is enough clearance between the mudguard and tyre.



STEP 12.

Tighten the bolts that hold the strut to the mudguard.

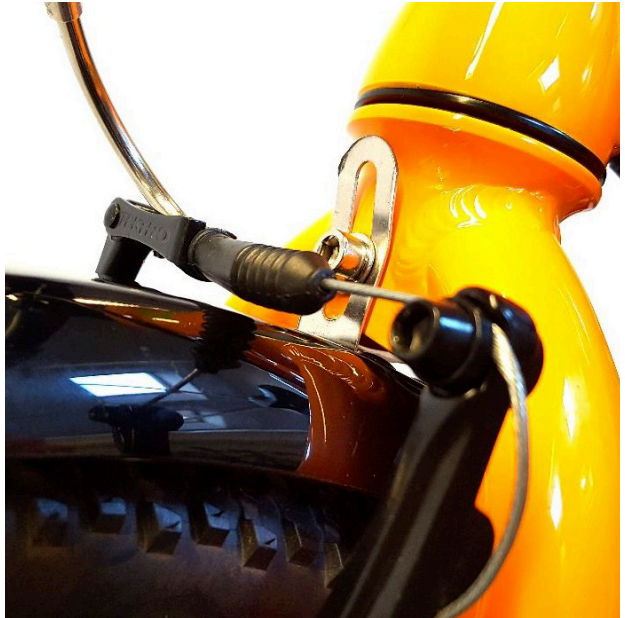
Make sure that the mudguard is sitting central.



FITTING THE FRONT MUDGUARD

STEP 13.

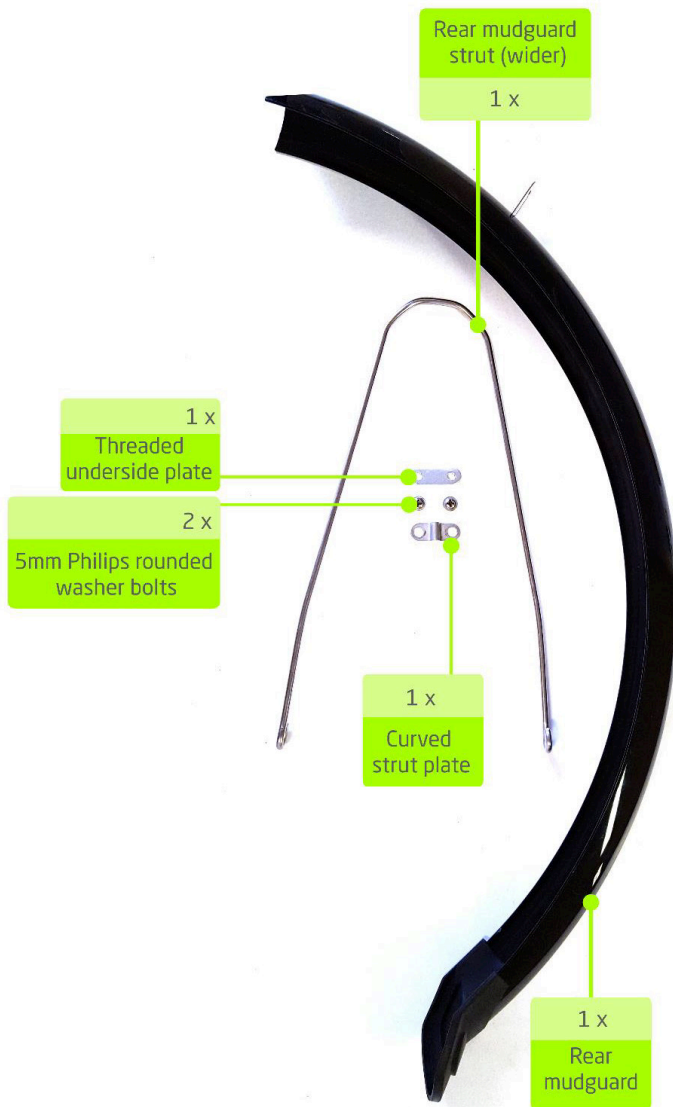
Reattach the brakes and make sure that they are working correctly.



FITTING THE REAR MUDGUARD

STEP 1.

Assemble the bits to attach the rear strut to the rear mudguard.

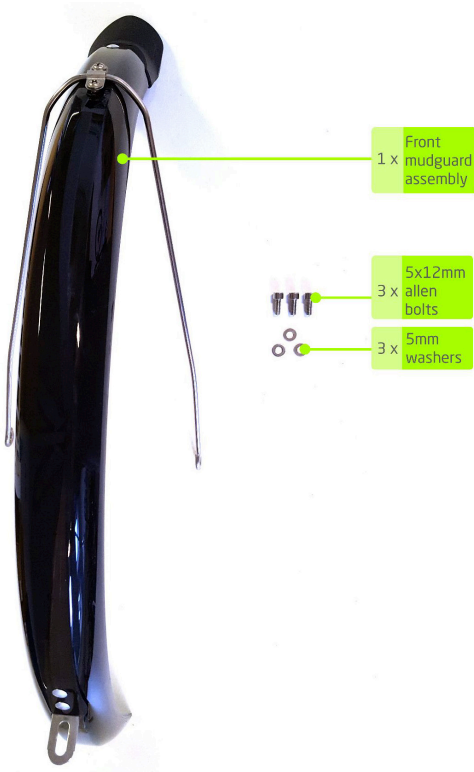


FITTING THE REAR MUDGUARD

STEP 2.

Loosely attach strut to the mudguard using the bolts and plates.

The bolts go through the curved plate, which sits over the strut on top of the mudguard. The threaded plate sits underneath the mudguard, which the bolts screw in to.



STEP 3.

Gather together the rest of the parts needed to attach the rear mudguard to the bike frame.

FITTING THE REAR MUDGUARD

STEP 4.

Make sure that the chain is on the smallest cog at the back.

Undo the brake calliper.



STEP 5.

Remove the rear wheel.



FITTING THE REAR MUDGUARD

STEP 6.

Place a 5mm washer onto each of the three M5 x 12mm Allen bolts.



STEP 7.

Place the rear mudguard in between the rear stays in the frame.

With one of the M5 bolt assemblies, loosely crew the mudguard in to place.

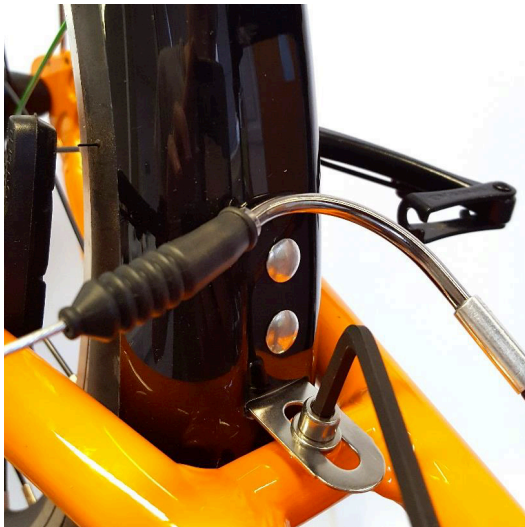
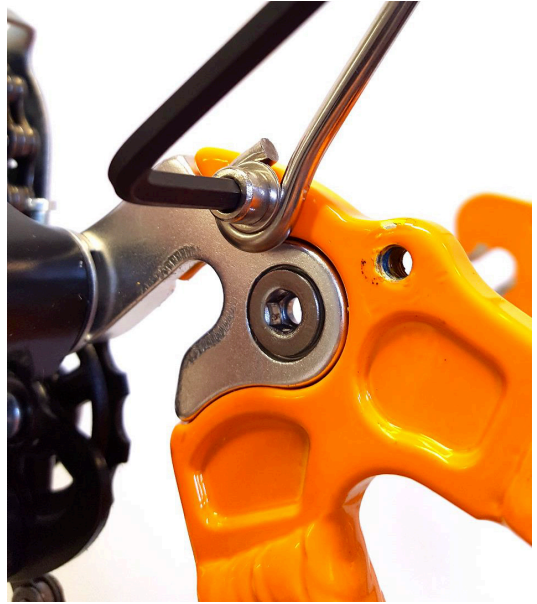


FITTING THE REAR MUDGUARD

STEP 8.

The struts fit to the holes that are furthest away from the centre of the bike, the other ones are for panier racks.

Tighten the bolts up with a 5mm Allen key so that the struts do not rattle.



STEP 9.

Tighten up the Allen bolt that holds attaches the mudguard to the frame.

Make sure that there is enough clearance between the tyre and the frame, also make sure that the mudguard is central.

FITTING THE REAR MUDGUARD

STEP 10.

Tighten the Philip bolts holding the strut to the mudguard, ensure that the mudguard is central.



STEP 11.

Place the rear mudguard in between the rear stays in the frame.

With one of the M5 bolt assemblies, loosely crew the mudguard in to place.





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