

Fitting instructions for Lynx R Fairing - Yamaha WR250 RR/X

Thank you for purchasing the Lynx fairing. We hope the design features will extend the enjoyment of your WR

- 1 x Fairing and screen with two thumb twists threaded into two plastic sliders .
- 2x 16 mm Button head M6 bolts
- 2x 16mm flange M6 bolts
- 2x M6 flange nuts.
- 2 x Aluminum Spacers
- 1 x Aluminum bottom bracket with Nylock nuts and washers
- 2x Plastic washers
- 1 x ABS Dash.
- 1 x Wiring Harness
- Decals

Starting off

- Secure the Motorcycle in a vertical position.
- Remove OEM fairing and disconnect the main bulb holder from the fairing. You will be re-using the smaller of the 3 bolts to mount the Lynx Dash.
- If you are choosing this opportunity to change your OEM front indicators, then remove them now.
- Remove the front fender



Fitting the Dashboard

If you have purchased the optional Fuse box kit and any of the power accessories, you should refer to those instructions before proceeding further

The Lynx dashboard attaches to the same three bolt locations as the OEM unit you removed and notice that one of the OEM bolts on the left side is smaller. Re use this bolt without the front brake guide which is not required. Use 2x 16mm M6 Flange bolts for the other holes. Once fitted, **Do not tighten** at this stage because the dash will need to move slightly when fitting the fairing in place.

Indicators

Your OEM indicators can be retained, but you will need to trim the fairing a bit when you come to fitting the fairing.

However, if you are fitting new, smaller ones, you can drill the appropriate sized holes through the dashboard sides and mount them there (see pic)

When fitted, tighten all the pinch bolts and reconnect the indicator wires.



Wiring Harness for the lights

The wiring harness comes complete and is entirely plug 'n play. However, for your information the wiring is configured so that when switched to low beam, the low beam projector lamp is ON and the Squadron High Beam lamp is ON but dimmed to 15%. When you switch to High beam, the low beam remains ON and the High Beam comes up to 100%

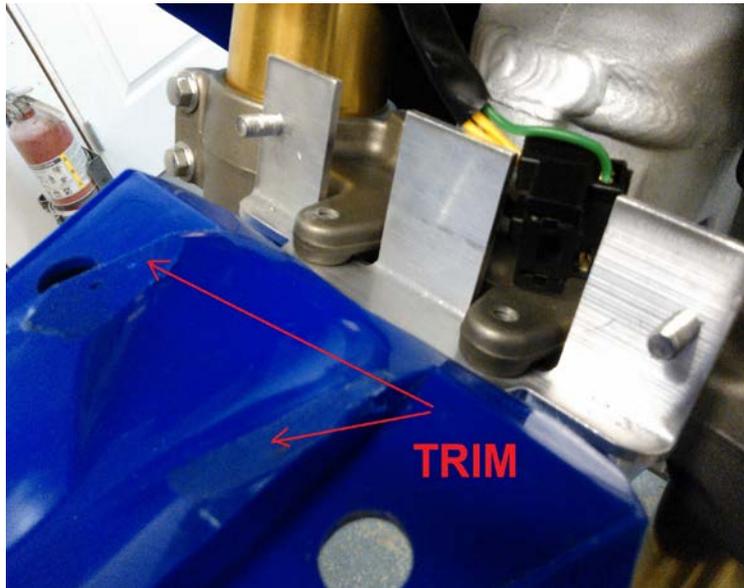
You will see that there are 2 other wires (Black and Red) with connectors and these are used to plug into the optional fuse box wiring harness to trigger the relay. However, if you do not have the fuse box, these can be used as a switched power source, but **must only be used for a low power accessory** or you could overload your lighting circuit

- Plug the 3 pin H4 terminal into your OEM headlight terminal

Fitting the bottom mounting bracket

Undo the 4 bolts under the bottom triple clamp and remove the front fender. The bottom bracket fits under the fender mounting points as shown.

Place an aluminum spacer on each of the rear bolts to make up for the additional thickness of the bracket at the front. It is easier to insert the rear bolts and spacers first before inserting the bracket at the front. Tighten all 4 bolts.



You will see from the photo that it will be necessary to trim the top of the fender to allow for clearance of the fairing at the later stage.

Fitting the Fairing

If you have chosen the optional GPS mount then refer to those fitting instructions now.

Those who are retaining the OEM indicators should now offer up the fairing and establish where the fairing needs to be filed to accommodate them.

Place the fairing on the front fender and attach the headlight terminals. The blue terminal from the wiring harness is the low beam and attaches to the LED low beam bulb.

Fit the fairing into place on the two threaded bolts on the bottom bracket and then attach the top of the fairing to the top of the dashboard using 2 x 16mm button head bolts on the fairing side and two flange nuts on the dashboard side. Do not tighten everything up yet as you will probably be removing the fairing for headlight adjustment in the next stage.

- Now turn the ignition and start the bike to check the operation of the lights. The low beam should come on with the dimmed High Beam after the bike has started and remain on when you switch to the high beam and it comes up to 100%

Adjusting the lights

You will see that the low beam light is attached to the fairing with 3 threaded adjusters that allow adjustment in all directions. The lights should come roughly in the right position, but they will need adjusting to your specific needs. You will probably not need to adjust the top black adjusters, but the bottom left adjuster can be accessed after the fairing is fitted by turning the bars to the right and making adjustment using a Philips screwdriver (see photo) After that height adjustment of the low beam can be done without removal of the fairing.



When you are happy with the light adjustment, re-attach the fairing and use the washers and Nylock nuts to secure the bottom of the fairing. Place a black plastic washer under the bolt heads on the fairing side at the top where the fairing bolts to the dashboard. Tighten the Nylock nuts at the base of the fairing.

Adjusting the screen

- Operation of the adjustable screen is straightforward, although it will be a bit stiff initially. It is designed to slide down completely when off road (if desired) and can be adjusted to suit at highway speeds. Although tall riders will almost certainly place it in the highest position to start with, experiment with different heights, because highest is not necessarily best.

Manufactured by : Britannia Composites Ltd
5084 242nd Drive, Langley, BC
CANADA V2Z 2M9
1 (604) 612 2170
www.britanniacomposites.com