

## Fitting instructions for Lynx R Fairing – CRF 250L

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

### Parts List

- 1 x Fairing and screen with two thumb twists threaded into two plastic sliders with locknuts
- 4 x 16mm M6 flange bolts
- 4 x M6 Nylock washers
- 2x16mmM6 machine screws
- 2 x plastic washers
- 2x M6 Flange Nuts
- 4x Spacer washers
- 1x Aluminum bottom bracket with M6 bolts and locknuts.
- 2x Aluminum Dashboard brackets
- 1 x ABS Dash
- 1 x Wiring Harness

### Removing OEM parts

- Secure the Motorcycle in a vertical position.
- Unbolt and remove the Headlight and disconnect the headlight terminal from the back of the bulb.



- Remove the black bottom bracket shown in the photo.
- Remove the front fender
  - Unplug and remove the indicators
  - Remove the top front brake line guide. ( you will not be re using this and it can be cut off )



### **Fitting the Lynx Dashboard**

The dashboard fits to the top triple pinch bolts using the two brackets included in the kit as shown here :

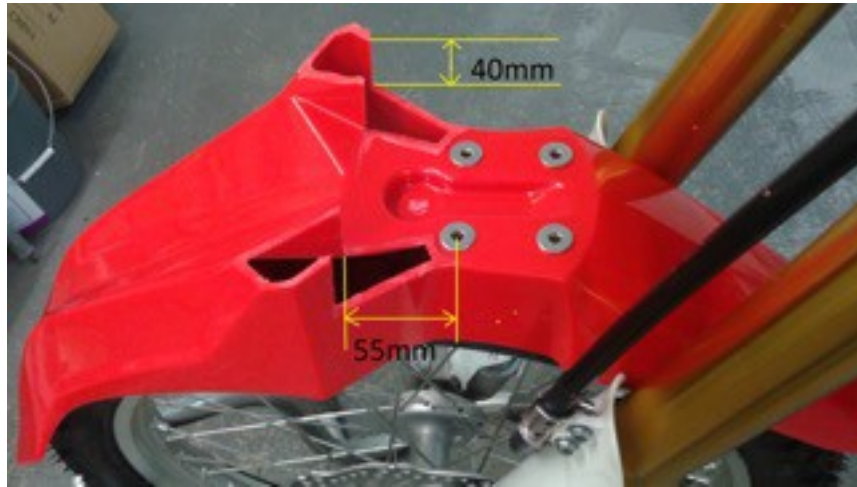


- First of all, fit the brackets loosely to the dashboard using the 4 x 16mm flange bolts and Nylock nuts. **It is important not to tighten the brackets at this stage as the dashboard will need to move a little to match up with the top of the fairing at the next stage.**
- Now attach the dashboard brackets to under the top triple pinch bolts as shown and tighten.

### **Front fender option**

In order to allow the front fender to be used with the Lynx R fairing, it will need to be modified and if you do not wish to do this, you will need to purchase an aftermarket fender fit. However, the front fender does look good with the Lynx R and we will show the modifications needed here :

- Trim the front fender to the dimensions shown in the photo



- The Lynx R bottom bracket fits under the front fender using the front bolts as shown.
- Starting with the rear bolts, loosely 'hang' the fender using 2 washers on each bolt to compensate for the thickness of the Lynx Bracket on the front bolts.
- Now fit the bracket at the front and tighten all 4 bolts



### **Test fit the fairing**

- Locate the fairing onto the studs on the bottom bracket and then loosely attach the top of the fairing with the two 16mm bottom bolts and flange nuts. This now allows you to tighten the 4 bolts attaching the dashboard to the brackets you installed loosely earlier. You may find it easier to remove the fairing to tighten the 4 bolts as access is difficult

- You may also find that there is some additional trimming required to the fender if there is interference with the fairing.
- You may also find that the original indicator brackets interfere with the inside of the fairing and it is important that these do not touch. The metal is very soft, so just bend the brackets slightly for clearance if necessary.

### Indicators

Whilst the OEM indicators can be re fitted onto the Predrilled holes on the dashboard sides, they are a bit bulky and this is an opportunity to fit some smaller LED units. Either way, fit the indicators into the pre drilled holes on the each side of the dashboard and plug them back into the OEM wiring.



### 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 Fairing**

Make sure the steering sweeps cleanly from side to side without pinching or stretching any of the wiring. The only wires that need to be kept free are the two headlight terminals that you will plug in when the fairing is fitted.

Attach the light terminals and then slide the bottom of the fairing onto the two captive bolts on the bottom bracket . Then loosely clamp the top of the fairing and dash together using two 16mm button head screws and flange nuts. Do not tighten yet.

- Now turn the ignition on and check the operation of the lights.

## **Adjusting the lights**

**High Beam :** The LED is attached to the frame with a bolt on each side ( see photo). To adjust the lamp, you can normally push the top or bottom outer rim of the lamp and it will move a little. You will need a bit of force so **DO NOT** press on the lens of the lamp.



**Low Beam :** The HID low beam is the most critical to set correctly and it's also the easiest to adjust. The lamp is retained by 3 adjuster screws and you should not need to adjust the top two and just use the bottom one for height adjustment ( see photo). In order to access the bottom adjuster with the fairing on, turn the handlebars to the right. Make height adjustments using a Philips screwdriver ( see photo) Turn **CLOCKWISE** to lower the beam height, **ANTI CLOCKWISE** to Raise the beam height.

***IMPORTANT :*** *If your height adjustment causes either lamp to touch the fairing openings it will cause an annoying vibrating noise and excessive wear. In this case, remove fairing and bring the lamp rearwards using the top and bottom adjusters ( turn adjusters Clockwise)*

- When you are happy with the light adjustment, re-attach the fairing. Place a SS washer before fitting a nylock nut on the rubber grommet and then tighten.
- A plastic washer should be fitted under the screw head on the fairing side of the top mount before securing with a flange nut on the dashboard side.

### Decals

Included in the kit is a decal pack containing some different shapes and colours for you to apply if you wish. Application is the same as most decals and is best done by wetting the fairing surface first and then using a squeegee to smooth any air bubbles out.



### Adjusting the screen

- Operation of the adjustable screen is straightforward. It is designed to slide down completely when off road and can be adjusted to suit at highway speeds. Riders over six foot, particularly on a tall seat may find the screen in the highest position can cause buffeting. We recommend you experiment with different heights, because a lower position can give a smoother airflow..
- **Do not over tighten the thumbscrews**

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