

## Fitting instructions for Lynx R Fairing – DR650

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

### Parts List

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

### Removing OEM parts

- Secure the Motorcycle in a vertical position.
- Remove OEM fairing .
- Unbolt and remove the Headlight and disconnect the headlight terminal from the back of the bulb.
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- Undo the drive cable from the back of the speedo instrument and remove the speedo
- Remove the indicator light cluster from the ignition switch and pull the 3 bulbs out from the back of unit.



## **Fitting the Lynx Dashboard**

**If you have purchased the optional Fuse box and accessory kit, read those separate instructions carefully now, before proceeding further here.**

Remove the handle bars and then unbolt the bar risers from under top triple clamp



Fit the dashboard under the Bar risers using the OEM bolts and re tighten



Replace the handlebars

## **Choice of Speedo**

At this stage you can either go ahead and fit the OEM speedo to the Lynx dashboard, or you may choose this opportunity to fit a digital speedo like a Vapor unit as shown.



- If you are re fitting the OEM unit, you will need to drill the same hole pattern as the OEM mount as shown



- You can use the OEM rubber isolators when re fitting the speedo.
- Re attach the speedo drive cable.
- Re fit the indicator light cluster onto the pre drilled opening in the Lynx dashboard using the OEM screws and press the bulbs back into place

### **Attaching the bottom bracket**

- Remove the front fender.
- The aluminum bottom bracket is clamped between the front fender and the triple clamp using the OEM fender bolts ( see photo). To make up for the additional thickness of the bracket, fit the aluminum spacer washers ( from the kit) onto the rear fender bolt positions first, then slide in the bracket and tighten all four bolts



## 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

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

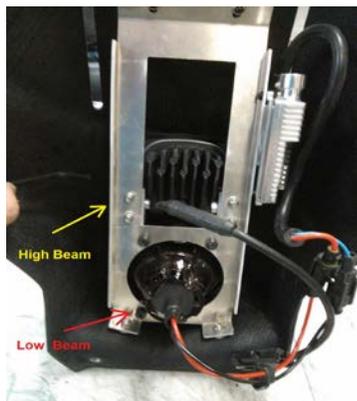
Make sure the steering sweeps cleanly from side to side without pinching or stretching any of the wiring. The only wires that need to be kept free are the two headlight terminals that you will plug in when the fairing is fitted.

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 lamp 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 LED low beam lamp 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 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.



## Final Check

Make sure that all components are secure and that you have free movement from side to side with the handlebars.

## 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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