

Fitting instructions for Lynx R Fairing - KTM 950 SE

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

Your fairing kit comes largely completed, with most of the fitting time involved with the attachment of your instruments.

- 1 x Fairing
- 1x Screen
- 2x 35mm thumbscrews threaded into two plastic sliders and locknuts.
- 2x 16mm M6 Screws
- 2 x 50mm M6 Screws
- 4 x SS washers
- 2x 4mm Aluminum spacers
- 2x M6 Nylock nuts
- 2x plastic washers
- 2x 16mm spacers
- 2x M6 Flange Nuts
- 4x M4 bolts and nuts (for speedo mounting)
- 2x Indicator brackets
- 1 x ABS Dash.
- 1 x Wiring Harness

Fitting

- Secure the Motorcycle in a vertical position.
- Remove the seat
- Remove OEM fairing and disconnect light terminals and the city light from the fairing.
- Remove the indicators from the OEM fairing.
- Unplug and remove your OEM instrument unit from it's mounting.



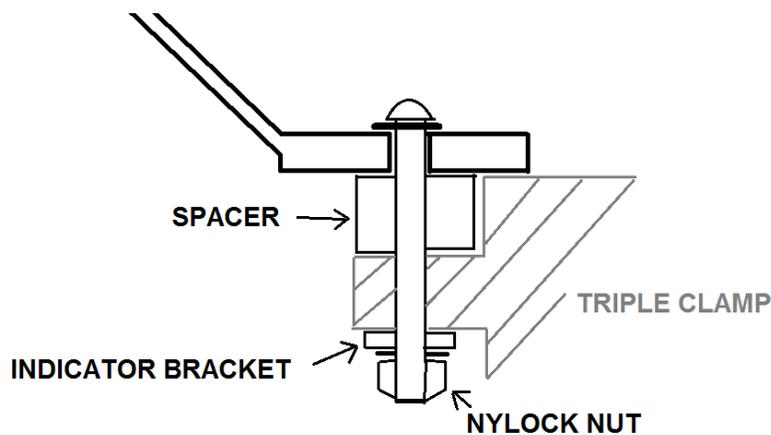
Fitting Dashboard

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

If you are re-using the OEM instrument, you will need to locate it onto the Lynx dash, so you need to consider it's positioning. The neatest way to mount the instrument is to mount it flush by cutting out the instrument shape in the Lynx dash Unfortunately, we found that there is not enough space to mount the OEM speedo and leave enough room for a GPS above if you mount it this way, so you might want to mount it high up for best vision (see photo).

We removed the clear speedo cover and drilled through the 4 holes, so that the unit could be clamped using the clear cover on the face of the dashboard. You can use the 4 x M4 bolts included .

- The dash locates onto the top triple clamp shown here.
Use the two 50mm bolts, aluminum spacers, washers , Indicator brackets and Nylock nuts and assemble to the triple clamp as shown here :



You can tighten the assembly and fit the indicator onto the brackets.

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 bracket

Remove the front fender.

The aluminum bottom bracket fits between the front fender and the underside of the bottom triple and clamps up using the OEM fender bolts (see pic).

When you have the fender and bracket sitting together, place an aluminum spacer on each of the back bolts to allow for the thickness of the bracket and then and tighten all 4 bolts.

Fitting the Fairing

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

First, make sure that you strap up any loose wires at the back of the dash. Particularly, make sure the steering sweeps cleanly from side to side without pinching or stretching any of the wiring.

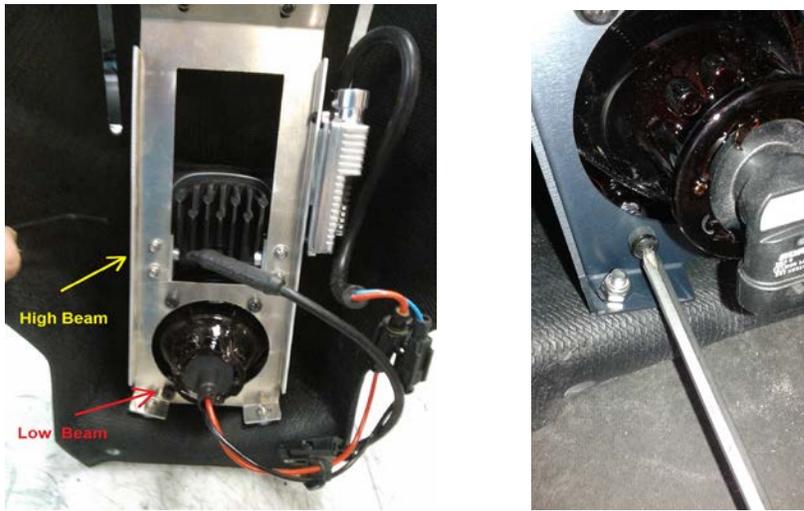
Rest the fairing on the front fender and attach the light terminals to the lights.

Slide the rubber grommets at the bottom of the fairing onto the bracket bolts and then attach the fairing to the dashboard at the top using the 16mm bolts and flange nuts. Insert a plastic washer under the bolt heads on the fairing side.

- Now turn the ignition on and start the bike to check the operation of the lights .
- If everything is working correctly, then attach the nylock nuts and washer to the bottom bracket and tighten.

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 push on the rim of the lamp from the front and it will move. Make sure you push on the rim, not on the lens .



Low Beam : The low beam lamp will come to you in roughly the correct position, but you will need to fine tune the height of the beam for different loading. Height adjustment is carried out by the lower phillips head black screw (see photo) and this can be done with the fairing still mounted by turning the handlebars to the right and accessing with a long screwdriver.

IMPORTANT : Make sure the front of the two lamps do not touch the fairing openings as this will cause an annoying vibrating noise and cause excessive wear.

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 (if desired) and can be adjusted to suit at highway speeds. Riders over six foot, will almost certainly place it in it's highest position, but experiment with different heights, because highest isn't always best.
- **Do not over tighten the thumbscrews**

Manufactured by : Britannia Composites Ltd
5084 242nd Dr. Langley, BC
CANADA
www.britanniacomposites.com