

Instructions for Lynx R Fairing - KTM EXC 500 **Husqvarna 501**

Thank you for purchasing the Lynx R fairing. The kit includes the following parts :

- 1 x Fairing and 1x Screen
- 2x 16mm M6 button head bolts
- 4x 30mm M6 button head bolts
- 4x Rubber washers
- 2x 10mm aluminum bottom bracket spacers
- 2 x plastic washers
- 2x M6 Flange Nuts
- 1 x Aluminum bottom bracket with threaded bolt, washer and Nylock nut
- 1 x ABS Dash.
- 1 x Wiring Harness
- Decal pack

Fitting

Note that the relocation of the indicator flashers will require you source KTM part # 78014033000 'EXC flasher bracket' shown here :



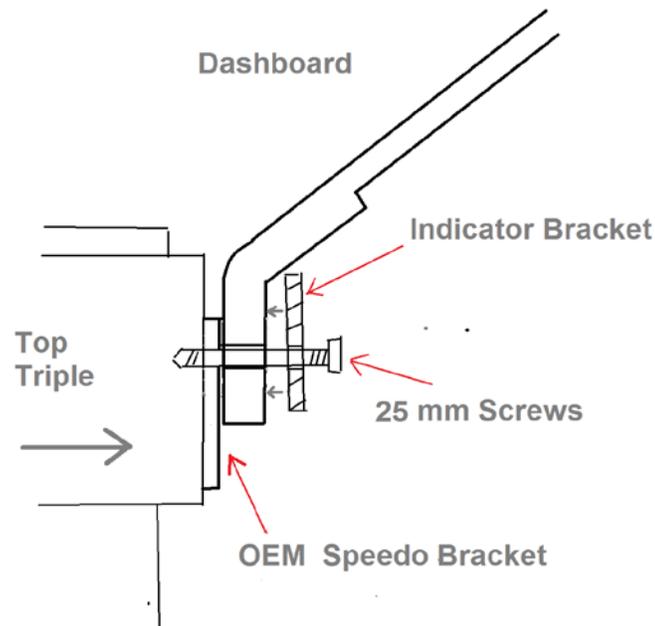
- Secure the Motorcycle in a vertical position.
- Remove OEM fairing mask and disconnect OEM light terminal at the white terminal block, indicator terminals and ignition switch.
- Unscrew the Speedo instrument holder from the front face of the top triple clamp.
- Unplug the speedo terminal and unscrew the speedo unit from the mounting (see photo). You will be re-using these screws to attach the instrument to the Lynx R dashboard
- Unplug and remove the small green indicator light from the speedo mount and set aside for relocation onto the Lynx dash later.



Fitting the Dashboard

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

With the speedo set to one side, the speedo mount can now be relocated back to the OEM position on the front face of the top triple clamp. You will also bolt the Lynx dashboard (using the outer holes) and the KTM flasher bracket on top of the mount so that everything is secured together onto the front face of the top triple using the two 30mm bolts included with the kit as shown. No need to tighten yet as the dash will be removed for drilling.



Fitting the OEM Speedo to the Lynx Dashboard

You will need to decide where you wish to locate the speedo on the Lynx dash. Generally, you need to mount it low to make sure that there is enough cable to reach the speedo in your desired position.

- After checking from the riding position, mark the position of the speedo and choose a suitable location to mount the green flasher indicator light and mark it.
- .You will also need to relocate the ignition switch onto the Lynx dashboard and we recommend using the right side of the dashboard (see photo), so mark the position.
- If have finished marking up the dashboard remove it from the bike now



- Use the same hole pattern as the OEM speedo mount to mark out where to drill location holes for the speedo and then mount the speedo using a rubber washer on each side of the dashboard as shown and secure with the OEM screws you removed earlier.



- Remove the ignition switch from its position on the OEM headlight unit and choose a drill (or hole saw) to make a suitable sized hole in the dashboard
- Now refit the ignition switch onto the dashboard
- Choose a suitable location to mount the green flasher indicator light and drill a hole in the dashboard for it. The hole size should be just big enough for you to be able to push the light into place.



- If you have now done all the drilling needed, re fit the dashboard to the top triple as before.
- Plug the terminal back into the Speedo and fit the indicator light into the green lens.
- Re connect the ignition to the wiring harness.

Indicator fitment

- Remove the indicators from the OEM headlight unit and using the same hardware, attach them to the indicator mounting bar you mounted earlier (KTM OEM part # 78014033000 'flasher bracket').
- Reconnect the indicator terminals to the main wiring.

Fitting the bottom bracket

- Undo the two bolts that attach the front fender to front face of the bottom triple clamp.
- The bracket bolts up to the same location using two 30mm bolts supplied and two 10mm spacers between the bracket and the fender as shown.



Fitting the Fairing

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

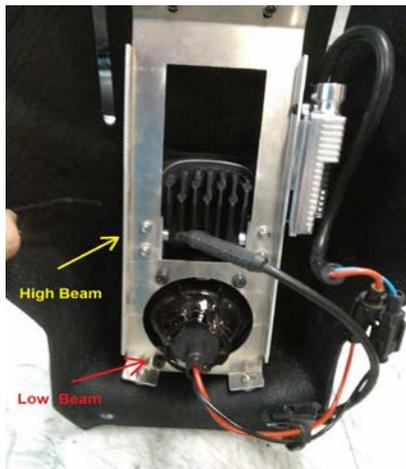
First, make sure that you strap all of the OEM wiring and the Lynx wiring harness wires at the back of the dash. Particularly, make sure the steering sweeps cleanly from side to side without pinching or stretching any of the wiring. The only wires that need to be kept free are the two headlight terminals that you will plug in when the fairing is fitted.

Holding the fairing on the front fender, 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 No need to tighten yet, because you may be removing the fairing to adjust the lights.

- 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 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 (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**

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