

## FTRBM001/FTRBM001W/FTRBM001R Rearsets

### Introduction

Thank you for purchasing a LighTech product.

Please read carefully the instructions contained in this manual and make sure to work safely before start mounting the equipment.

- For the assembly of the components LighTech recommends to refer to skilled personnel. LighTech is not liable for operations carried out without proper training or knowledge, which could lead to risky situations for You and other people.
- It is recommended to work in an environment with good illumination conditions and proper spaces.
- To ensure the safety of the working area keep away children and animals.
- Make sure to use proper tools and equipment, in good shape.
- LighTech is not liable for damaged products and/or property damages and personal injuries due to an improper assembly.

### General information

- Make sure that the motorcycle is in a stable and safe position.
- Make sure that it has no hot mechanical components (especially engine, exhaust pipe, brakes). Otherwise, wait until they cool down before proceeding.
- Use suitable clothing and do not wear rings, necklaces, large garments and hair down which could be dangerous.
- The product is designed and tested to be used with the motorcycle in original conditions, not with reference to not original components from third parties.
- This information material can be downloaded from the Website [www.lightech.it](http://www.lightech.it) - email: [info@lightech.it](mailto:info@lightech.it)

### Assembly

- Before proceeding, please examine the drawing supplied in the packaging.
- The information material includes an exploded view drawing with the codes required for spare part order.
- Where not expressly specified, use standard tightening torques (UNI/ISO) suitable for the screw size.
- Any motorcycle is subject to vibrations, therefore it is necessary to use anti-vibration threadlocker (weak) to avoid the loosening of the screws and their possible loss.
- Before using the vehicle, check carefully the job done and the correct functionality of the installed components.

## Usage and maintenance

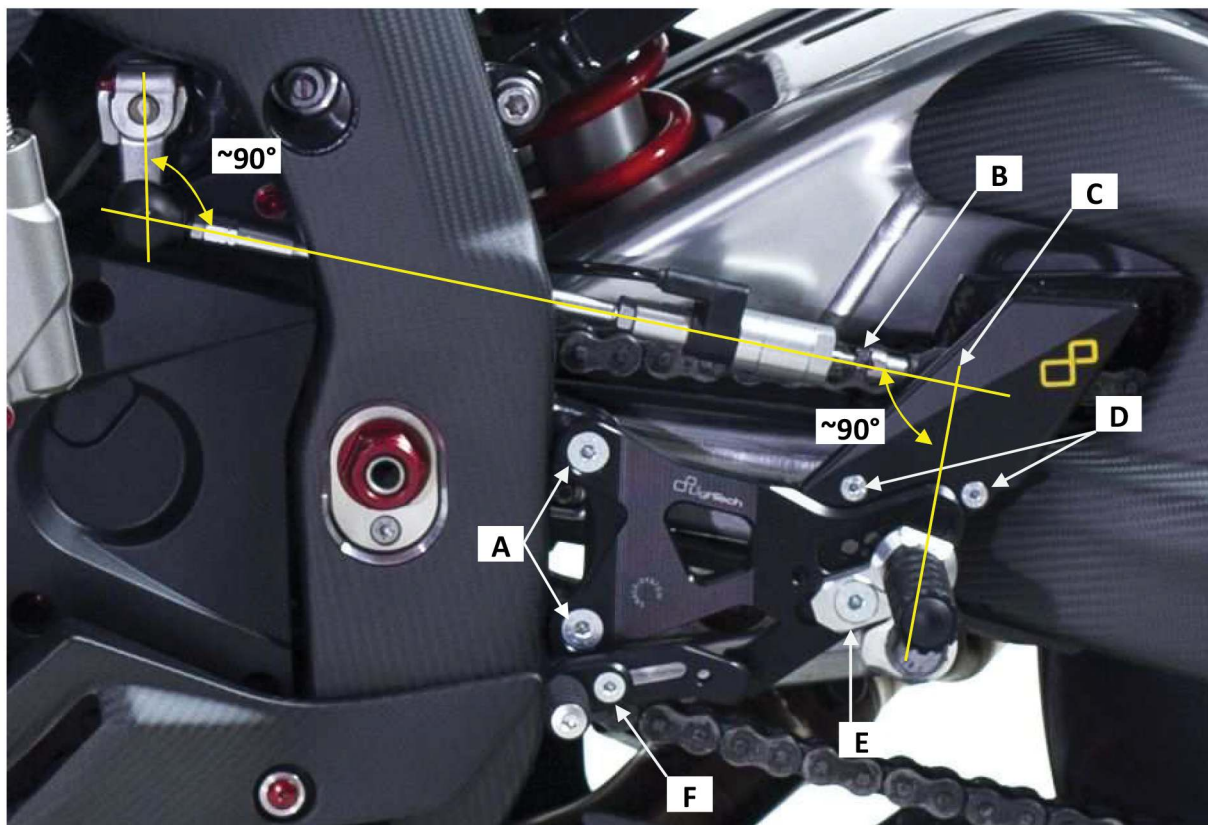
- For the use on the road LighTech recommends a comprehensive periodic check of the rearsets.
- For a racing use LighTech recommends a comprehensive check before each use.
- The rearsets have been designed and tested as a whole. Changes to components and/or the use of third-party components on the rearsets could cause hazards for which LighTech is not liable.
- Before using the product, verify the absence of crackings, deformations, scratches, wear, corrosion. In case of dissimilarities, before using the motorcycle restore the original state of the rearsets by changing the required parts.
- **ATTENTION:** An exceptional event such as a fall could cause irreversible damages to the rearsets. Before reusing the motorcycle, check the proper functionality and integrity of the rearsets. In case of damages, restore the original state of the rearsets by changing the required parts in order to avoid potentially dangerous situations.
- The use of the vehicle in extreme environmental conditions (coastal areas, extreme temperatures, chemicals, uneven stretch of road) could damage the components of the rearsets and requires a more frequent maintenance based on the actual wear.
- Cleaning the rearsets with aggressive agents or high pressure cleaning hoses could damage the bearings and other parts of the rearsets.
- The purchase of rearsets without knowing their history requires a careful check of the components.
- As a safety guarantee, LighTech recommends to purchase from official and professional sales channels.

### **ATTENTION:**

**The pictures used in this document could differ in some components and/or colours from the product that you have purchased, therefore they should be considered just as an indication and an example and not a contractual element.**

## Shift side

- Remove the original rearsets, leaving the OEM shift-rod mounted.
- Install the rearsets on the motorcycle by tightening the two screws (A)
- Screw the shift-rod on the uniball provided and, comparing it to the lever position, adapt its length. Once You find the correct length, lock the uniball counter nut to fix it in position.
- Install the heel guard (D)
- Install the footpeg in the desired position (E)
- Install the toe peg (F)



## Brake side

- Remove the original rearsets disassembling the brake m/c, the brake switch stop and the connection pin between the brake m/c and the rearsets (as shown in the mounting drawing)
- Install the uniball on the brake m/c pin, as shown in the mounting drawing
- On the LighTech rearsets is not used the original brake switch stop. To restore this function, please order the optional switch stop RFTR93.
- Install the rearsets on the motorcycle by tightening the two screws (**G**)
- Mount the brake m/c (**H**) making sure that the circlip on the pin is properly mounted
- Operate the brake lever making sure that it works properly, (correct braking action and correct lever movement, both when braking and when releasing it).
- If necessary, adjust the lever position by regulating the length of the brake m/c rod.
- Adjust the rest position of the lever by turning the cam and fixing it in position (**N**)
- Install the heel guard (**I**)
- Mount the footpeg in a specular position compared to the shift side (**L**)
- Mount the toe peg in position (**M**).

