



## R1 2004-14 Installation instructions

1. Remove rear wheel, axle blocks and adjustment pins from swing arm
2. Disconnect rear brake line from master cylinder, remove rear calliper and calliper bracket
3. Fit Lightech Chain adjusters using the fittings and instructions provided in the Lightech box, (Note - the captive nut assembly fits to the exhaust side)
4. It is not essential, but it does help to chamfer the brake pads to give a leading edge for the brake disc to slide into, this is easier to do at this stage by removing the pads from the calliper
5. Fit the sprocket side wheel rest plate by drilling and tapping the underside of the swing arm, fix into place with the 2 pins provided.
6. Slide the calliper plate on to the captive nut attachment and fix into place using the grub screws (Note – take care not to overtighten, this just needs to be pinched up)
7. Connect the Brake calliper using the 2 M8 pins provided,
8. Connect new brake line and bleed all air out (note – it helps to remove the calliper and turn it upside down to remove all air) **Do not overfill reservoir**
9. Fit new captive spacers, (small lip goes inside the bearing seal)
9. Insert rear wheel onto the resting plate and calliper plate
10. Lubricate and insert spindle but do not tighten up (**Note – this is a left-hand thread – Anti clockwise to tighten**)
11. Adjust the Lightech chain adjusters to tension the chain
12. Tighten up rear spindle (110Nm)
13. Practise removing and inserting the wheel.
14. Laugh at your mates still struggling with their rear wheels
15. Ride safe

**Maintenance – Your spindle comes pre-greased ready for use. It is important that the spindle and threads are kept clean and always greased, as debris inside the captive nut could cause damage to the spindle.**

**Please Note:**

These products are designed to be fitted with basic tools but some items will require drilling and tapping of the swing arm, plus the bleeding of your rear brake calliper. Therefore, we recommend fitting to be done by trained professionals.



## Packing List

| Items                                                                               | Packed |
|-------------------------------------------------------------------------------------|--------|
| <b>Lightech adjusters with Captive Nut fitted</b>                                   |        |
| <b>L74 Calliper Plate – with Calliper, grub screws and fixings</b>                  |        |
| <b>L74 Spindle with Pull cup fitted</b>                                             |        |
| <b>L74 Wheel rest plate pack with fixings</b>                                       |        |
| <b>Pair of captive wheel spacers</b>                                                |        |
| <b>600mm Brake line pack with Banjo, washers, fixings and bleeding instructions</b> |        |

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