Fitting Instruction

Article-No. : **120B028**
Product : **Super Bike Conversion Kit**
Model : **BMW K1200S 2004 – 2008 / K1300S 2009→**
Type : **K12S**

Important:

Read this instruction manual carefully and mind all warnings and tips. You should do this work only if you're qualified; otherwise we recommend this mounting to be done by a professional workshop. Improperly mounting of this kit can reduce the driveability of the motorcycle and may be a risk to your health and life.

Special works are marked with the following signs. Please take special care on these works.

⚠ **Warning! Important mounting instruction. It shows risks to your life and health.**

ⓘ **Tips for mounting and maintenance or to avoid damage.**
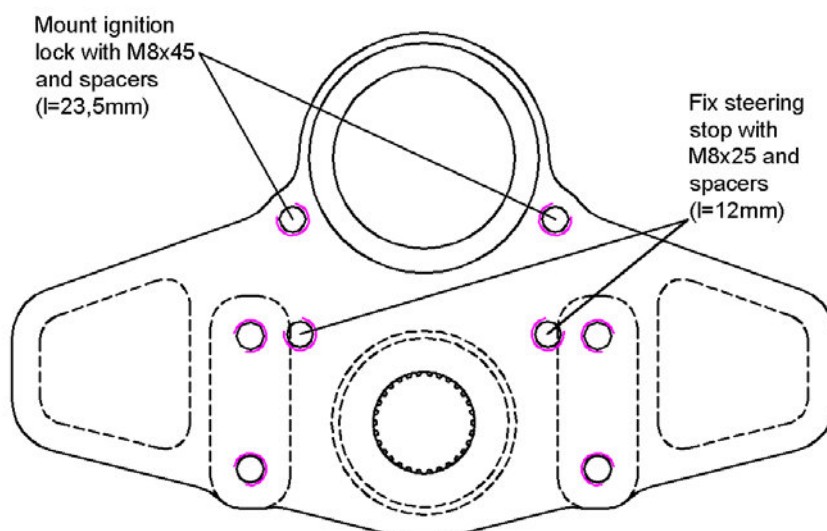
Mounting:

ⓘ To avert any damage from the electrical systems of your motorcycle, you should disconnect the battery ground while installing the Superbike conversion kit.

Remove handlebar controls, clutch lever bracket and brake cylinder assy, then remove the original handlebar.

Dismount the original top yoke and install the Superbike top yoke. To demount the ignition lock you mostly have to drill out the heads of the breakaway bolts. Use the attached bushings (length 12mm) in combination with the M8x25mm bolts as a steering stop. Use fluid bolt lock as Loctite 243 or 270. Fit the ignition lock with the attached bushings (length 23,5mm), new bolts (M8x45mm) and corrugated washers underneath the bolts heads at the LSL-yoke. You should drill out the hexagon sockets of the bolts as theft protection. To fix top yoke, tighten steering head up to the original torque that refers to the vehicle manufacturer's instruction.

Top yoke, view from underneath

Mount ignition lock with M8x45 and spacers (l=23,5mm)

Fix steering stop with M8x25 and spacers (l=12mm)

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ⓘ **The original rear mirrors need to be fitted with a relocation assy (our P/N: 130B028).**

ⓘ **Required handlebar type: LSL Fat Bar, Type X01**

Mount new handlebar into the clamps. Evenly tighten the handlebar clamps with 25Nm / 18.44lbf ft.

ⓘ Mount the handlebar controls and levers as shown and install the brake and clutch units with approximately 20mm spacing to the controls, as shown.

⚠ **Assure (without brake pressure) whether the brake lever can be pulled up to the grip and doesn't contact the handlebar's controls before.**

Check clearance between fuel tank and handlebar as well as to the fairing; readjust handlebar and controls if necessary.

To fit the grips, drill an end-to-end hole (4.0mm) on each side and fix the grips with the original bolts.

ca. 20mm

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Installation notes for wires, cables and hoses:

Throttle cable: Route the throttle cable, as shown, right outside of the plastic frame. Secure the cable for a safe guidance with cable ties at the shown location. Therefore, you have to drill two horizontal holes into the plastic frame. Check throttle cable for free movement on every steering angle.

⚠ **Attention: The following notes are only valid for the model K1200S, for the model K1300S please note the next sheet.**

Brake and Clutch hoses: Install as defined original.

Handlebar Control harness: Install as defined original.

⚠ **Make sure that no cable, hose or harness is bended and stays tension-free over the whole steering angle.**

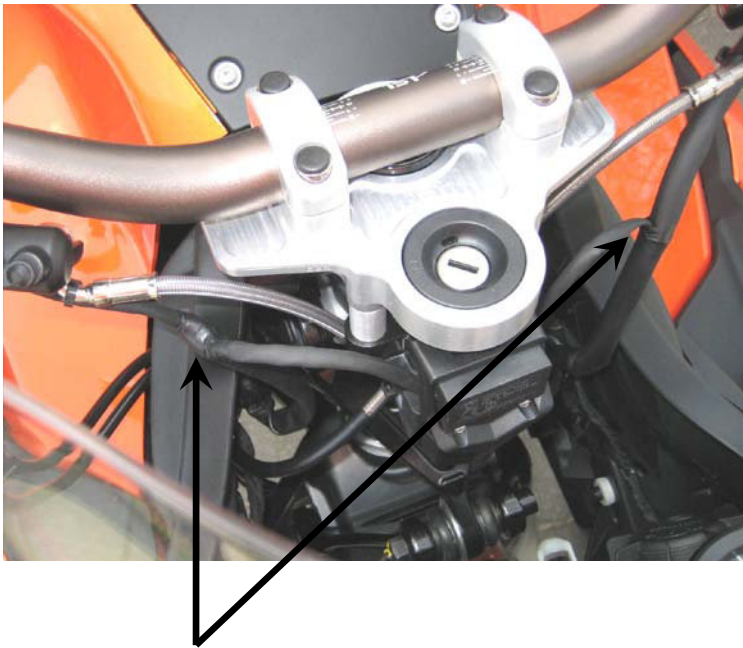The Superbike Conversion kit is now installed correctly.

We, the team of LSL Motorradtechnik Germany, wish you enjoyable driving!

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Additional instructions for K1300S

Artikel-Nr. : **120B028**
Produkt : **Superbike conversion kit**
Modell : **BMW K1300S 2009→**
Typ : **K12S**

Brake- and clutch-hoses: Route both hoses as shown behind the ignition lock and fix them (where the hoses intersect, see →) with a cable tie.

Handlebar control harness: Dismantle both cables at their junction and shorten the leading duct by about 2cm. Spread the branching of the cables apart and re-seal it with tape.

⚠ **Make sure that no cable, hose or harness is bended and stays tension-free over the whole steering angle.**

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