



Fitting instruction

Article-No. : 120H096
Product : **Super Bike Conversion Kit**
Brand : **Honda**
Model (Type) : **CBR 900RR (SC50) 2002 - 2003**

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 qualified 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.

Fitting:

Mounted conversion kit



The battery ground should be disconnected before working on electric wiring and switches!



Remove brake-hose(s). **Caution:** avoid brake fluid on painted surfaces! **Any work on the brake system or bleeding the system should be done by an authorized dealer or a qualified mechanic!**

Remove controls, clutch lever bracket and brake cylinder assy, then remove original clip-ons.

i **Assure that the front wheel is free from any load when dismantling top yoke, also have a look on page 3 because now it's easy to reroute.** Then swap top yoke. To demount the ignition lock you need to drill out the secured bolts. Fit the ignition lock with attached bushings, bolts and corrugated washers at the LSL-yoke. To fix top yoke, first tighten steering head nut up to 15Nm / 11lbf ft, then fix the slider-tube's clamping bolts with 20Nm / 14.75lbf ft. Now tighten steering head up to the original torque, which refers to the manufacturer's instruction.

i **Recommended handlebar type: LSL-Superbike flat, Type N1**

Fit new handlebar into the clamps. Mount the handlebar clamps evenly and hand-screwed first. After the fitment is done tighten them with 25Nm / 18.44lbf ft torque.

i **Modify the steering stop!** To gain more clearance for the handlebar you need to modify the steering stop. Use suitable glue to fix aluminium shims (t=1mm) on the steering stop.

Fairing: Loosen the fairing from support and install rubber washers (Ø8.5xØ25x6) between it. Then fix fairing with new bolt M5x20.

i **To assure enough clearance for the handlebar controls, bar ends are recommended (our P/N: 135-004.. or 135-001A..) so you can mount the controls more to the outside, with grips projecting over the bar ends. As well brake and clutch need to be mounted with a gap of approximately 15mm to the other controls.**

Disconnect harness from the horn first. Then you should check the clearance to the tank and faring, therefore you have to mount all controls provisorily on the handlebar. Twist handlebar if necessary and tighten clamps again.

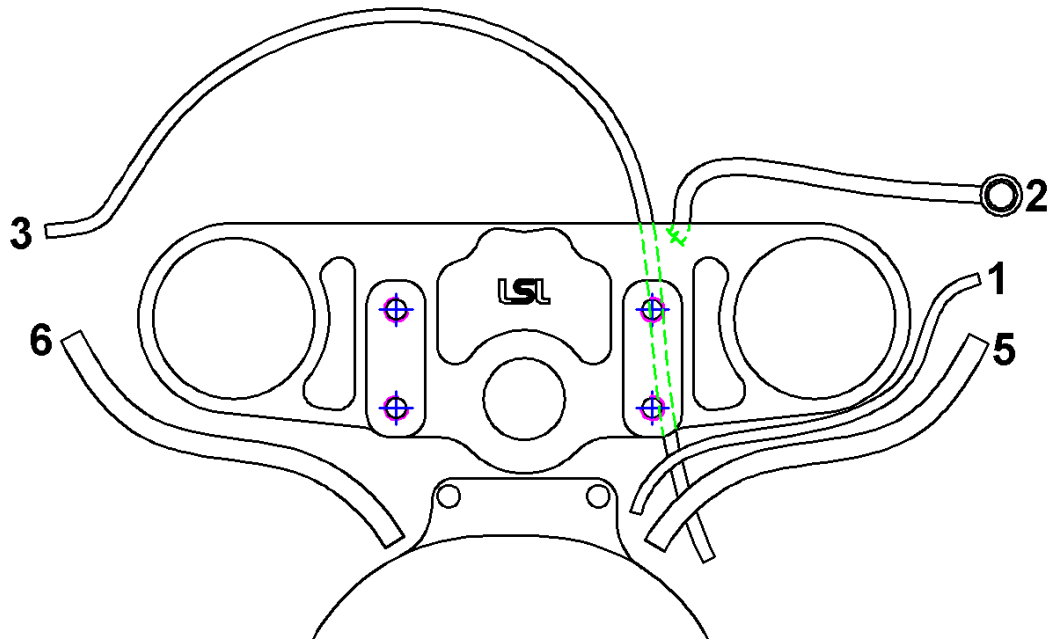
i **Assure (without brake pressure) that the brake lever can be pulled up to the grip and doesn't contact any other parts before!**

i Now drill the bores for the controls and fix them finally. **On handlebars with 22mm diameter you might use our drill guidance for a clean and precise bore with 5mm diameter (our P/N: 902DT01).** The left grip should be installed with glue.

Adjust brake fluid reservoir as much as possible to an upright position.



Instruction for rerouting cables hoses and wiring harness:



Throttle cables (1): Reroute right from steering head and behind the slider-tube. Check throttle cables for free movement over the whole steering angle and readjust the cables' slackness, if necessary.

Brake hose (2): Mount attached brake hose with new seal rings. Mind the mounting instructions that are delivered with the brake hose. Route hoses as shown underneath.



Clutch cable (3): Use the new cable and guide it with a cable tie along the ignition lock (see →). The other routing stays the same as original.

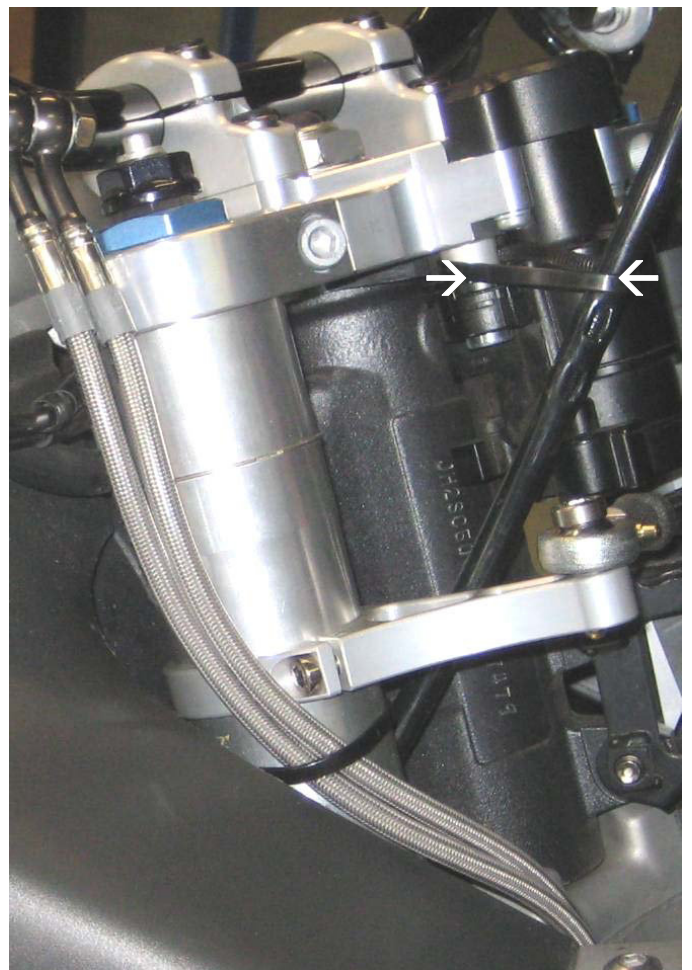
Wiring harness (5&6): Reroute them tension-free **behind the slider-tubes**. Reconnect horn with attached harness extension.



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

The conversion kit is now completely mounted. Always check local laws and your manufacturer's warranty conditions for using aftermarket parts on your bike!

Ride safe and have fun!





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