

Fitting instruction Superbike-Kit

Part no.: 120B027

Model: R 1100S	Year: '01-
Type: R2S	

Important: If you are not a trained motorcycle mechanic stop now. Ask a local motorcycle shop to do the work for you. Please read the LSL-Superbike-Kit Fitting instructions.

Recommended bar:	L01 or LMB1 (heated grips)	
Length of brake-lines:	Integral-ABS: 45cm w/o ABS: 79 + 83cm	
Code for cable routing:	Position of cable from riders position ...	
... in front of the fork F	... right from steering head R	
... behind the fork B	... left from steering head L	
Throttle cable:	/	as original
Clutch cable:	/	as original
Choke cable:	- / -	as original

Fairing and fairing screen need no operation.

Instructions:

Attention! For the exchange of brake hose on ABS-Model you need to go to a BMW-workshop which is equipped with the necessary special tool for filling the new brake hose as required by BMW!

ABS-Version: Exchange the brake hose between brake cylinder and the connection under the fuel tank. Take care on perfect bleeding.

Non ABS-Version: Exchange the brake lining system by the two new brake hoses routed directly from brake cylinder to the brake calipers. For fixing at the master cylinder use the double banjo bolt. Fix hoses with clamps at the outer fork pipes. Take care on the perfect bleeding.

Depending on the version of the original handlebar the fork legs are flush-fitted with the top yoke. If so you have to push the fork stanchion through that they stand out by 20mm to give the necessary area to clamp the handlebar adapters.

For the fixing of the left grip you have to drill two 3,5mm bores 103mm from end of the handlebar (not necessary for LMB1 handlebar) that the BMW Grip screws find the way for fixing.

As our standard handlebar (L01) has no fixing tread for the original handlebar weights you need replacement from the accessory supply. If the motorcycle is equipped with electrical heating grips you need a special produced bar (**Part no.: 123LMB1..**).

LSL–Superbike-Kit Fitting Instructions

- 1.) To avoid scratches and dents when re-routing hoses and cables remove the gas tank first. Remove fairing bracket and mirrors if necessary. **Always disconnect battery ground before working on electric wiring and switches!**
- 2.) Remove handlebar controls, clutch lever bracket and brake cylinder assy, then remove the original handlebar.
- 3.) Mount the adaptor on standard top yoke (or swap new yoke depending on kit type). To demount the ignition lock you mostly have to drill out the heads of the breakaway screws. After mounting the ignition lock with the attached bushings and new screws at the LSL-yoke you have to drill out the heads of the screws as theft protection, if your bike is not equipped with an immobilizer. If the crown nut had to be removed tighten up to original torque. Mount the new handlebar without tightening the screws of the clamps too strong. Re-route cables and hoses if necessary. Please refer to "specific mounting instructions" for re-routing.
- 4.) Remove brake-hose(s). **Caution: avoid brake fluid on painted surfaces!** Mount enclosed brake-hose(s) with new gaskets.
Caution: Any work on the brake system or bleeding the system should be done by an authorized dealer or a qualified mechanic! Pump brake lever until proper pressure is felt on lever. Test brakes at slow speed!
- 5.) Now mount the handlebar controls and clutch/brake assy. Set drillings to fix controls on the handlebar. If other than LSL handlebars are chosen, use tapes or metal sheets under the controls to fix them on the handlebar. Now tighten handlebar clamps equally up to 25Nm / 18.4lbf ft torque. Make sure that no cable is bended and stays tension-free when turning the handlebar.
- 6.) Shorten fairing and screen, if necessary, to allow full steering movement of handlebar with sufficient space at levers and switches. Please refer to "specific mounting instructions" for shortening. Check throttle, choke and clutch cables function and clearance on left and right steering angle. Adjust or re-route if necessary. After finishing check all connections.
- 7.) Always check local laws and your manufacturer's warranty conditions for using aftermarket parts on your bike!

Ride safe and have fun!