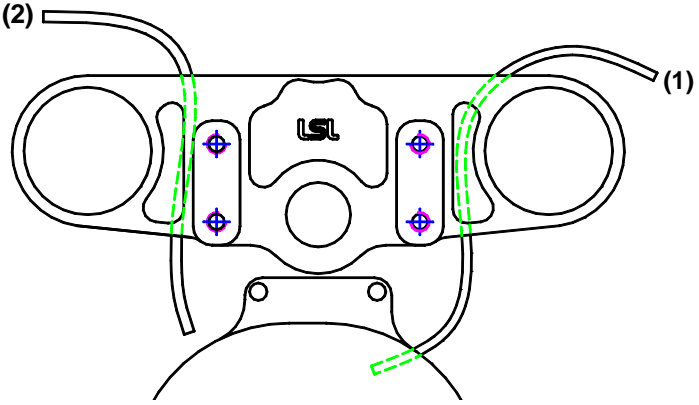


Fitting instruction Superbike-Kit

Part no.: 120S091 & 120S116

Model: Suzuki SV 650 S Suzuki SV 650 SA (ABS)	Year: 2003 → Year: 2007 →
VIN-Code: JS1BY	

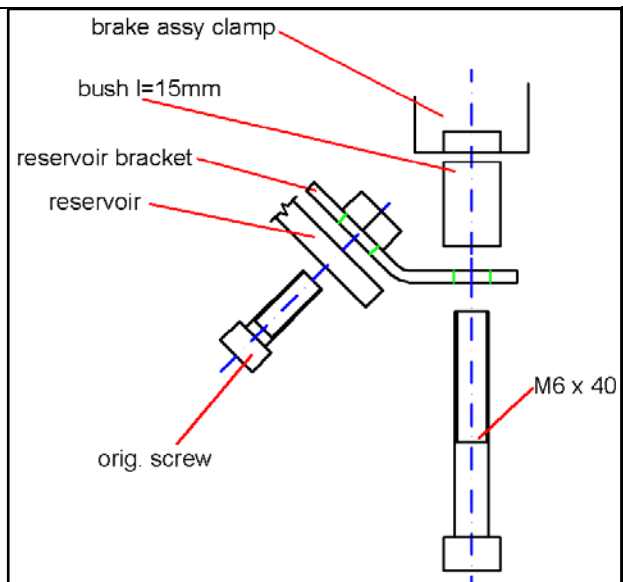
Important: If you are not a trained motorcycle mechanic stop now. Ask a local motorcycle shop to do the work for you. Please read the LSL-Superbike-Kit Fitting instructions.

Recommended bar:	Type N1 (AN1 / LN1)
Brake hose:	76cm + 62cm (BK23) → SV 650 S Cross-Over layout, one hose to the right calliper and one hose from the right to the left calliper 34cm (34BH1) → SV 650 SA (ABS)
Cable routing diagram:	 <p>(2)</p> <p>(1)</p>
Throttle cable (1): on the right side of the steering head and in front of the right slider-tube	
Clutch cable (2): on the left side of the steering head and in front of the left slider-tube	

Fairing and the fairing screen need no operation.

Instructions:

To reroute the throttle cable and wiring harness you need to remove the seat and lift up the fuel tank. Remove the air box, disconnect the connector of the handlebar controls reroute the cable over the frame tube and connect them again. Route the throttle cable to the right and lead it between the frame's tubes to the outside. Remount the air box. The wire stay that holds the cable has to be relocated with the supplied stay and remounted. Mount the top yoke together with the handlebar and handlebar controls and adjust everything to the desired position. Mount the aluminium washer under the top yoke. Do not drill the holes to secure the position of the controls before adjusting everything in the desired position. Fix the reservoir as shown in the drawing. To finish, check whether all the bolted connections are properly tightened.



LSL-Motorradtechnik GmbH • D-47809 Krefeld

www.lsl.eu

Rev. 01 25/01/2010

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 20 Nm 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!



LSL-Motorradtechnik GmbH • D-47809 Krefeld

www.lsl.eu

Rev. 01 25/01/2010