



Fitting Instruction

Part-No. : 118A022
Product : Rear Set, adjustable
Brand : Aprilia
Model (Type) : RSV 4 R (RK) 2009 →

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. Test brake and gear shifting indoor, after installing rear set. If anything is not operating properly or braking efficiency is poor, testing on the road may result in death or serious injury!

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:

Remove stock rear sets. The following parts will be used for your new rear set: brake cylinder with reservoir.



Rear sets are delivered pre-assembled! All fastening elements, which are not used for mounting or adjusting the rear set, are fitted with tightening torque and bolt adhesive. Those fastening elements are not mentioned in this instruction. All mentioned fasteners, which are not secured by counter- or self-locking nuts, should be installed with medium bolt adhesive (e.g. Loctite 243).



If one of both backward positions, on each level, is used for the right foot peg, the original exhaust is inapplicable and the exhaust-bracket needs to be removed.



The original brake-hose has to be exchanged. A brake-hose with 63cm length and fittings with 20° and 20° sideward is required (LSL Article No.: 225BS63BE).



The original brake-light switch has to be replaced by a hydraulic one. It replaces the banjo bolt that fixes the brake hose on the brake cylinder. **Follow the vehicle manufacturer's instruction for bleeding the brake system! Use only seal rings according to the brake hose manufactures' instructions.** Please mind that additional work occurs by connecting the brake-light switch to the harness and some material for wiring and connecting may be necessary.

The tightening torques for connections to the frame refers to the manufacturer's instructions. Use the following torques for all the other bolted connections:

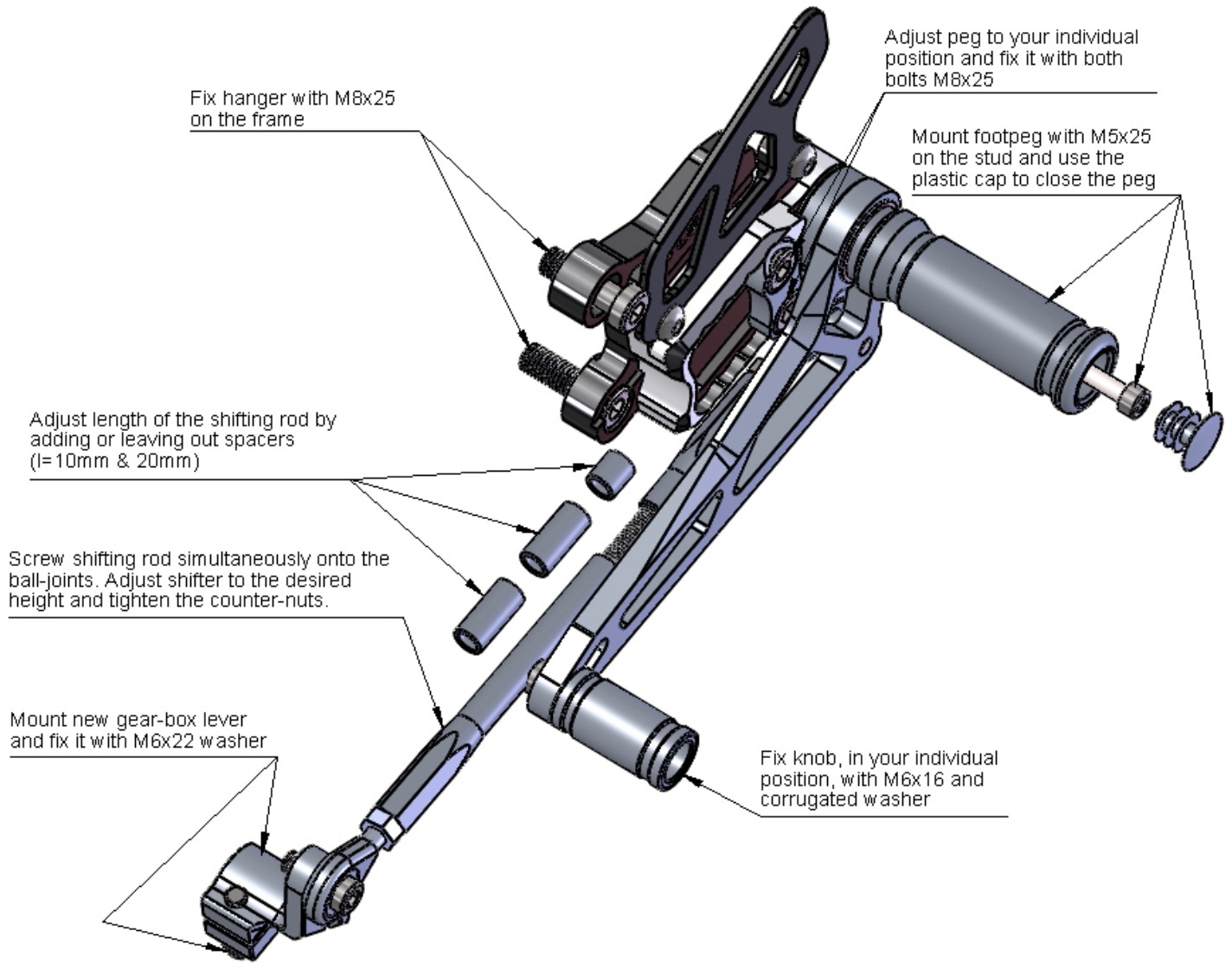
M5	=	6Nm	=	4.43lbf ft
M6	=	10Nm	=	7.38lbf ft
M8	=	20Nm	=	14.75lbf ft
M10x1,25	=	30Nm	=	22.13lbf ft

Maintenance:



Periodically proof all functions during service intervals. Use **particle free (no MoS₂)** lithium or barium soap grease to maintain lever bushings.

Fitting left (Step1):



Fitting right (step 1):

Fit attached brake-light switch instead of the original banjo bolt and connect it to the electrical system

Mount brake cylinder with M6x16

Fit ball joint instead of the original fork head and fix it with original counter-nut

Mount footpeg with M5x25 on the stud and use the plastic cap to close the peg

Fix hanger with M8x25 on the frame

Adjust the brake pedal's level by loosening the self-locking nut M6 and turning the inner stud M6

Adjust peg to your individual position and fix it with both bolts M8x25

It may be necessary to hang out the retain spring for adjusting the peg. Adjusting should be done before connecting the brake cylinder

Fitting right (step 2):

Mount exhaust with all original parts on the exhaust support

Fit M6x40 with **corrugated washer in between** from the pedals outside

Connect brake cylinder and pedal with spacer (l=13.5mm) and lock-nut M6. **Adjust the brake cylinder's piston clearance according to the vehicle manufacturer's instruction!**



LSL-Motorradtechnik GmbH • D-47809 Krefeld

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