



## Fitting Instruction

Article-No. : **118A015**  
Product : **Rear Set**  
Vehicle-Manufacturer : **Aprilia**  
Model : **RSV 1000R '04→ / Tuono 1000R '06→**

### 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:

Remove stock rear sets and shifter.



**Rear sets are pre-assembled but all screws are not tightened!** Always use locknuts or proper amount of medium thread-locking adhesive (e. g. Loctite 243). All details of assembling are shown on the backside drawing. All parts are welded into their bags as they belong together.



The original brake light switch has to be replaced by a hydraulic one. It replaces the banjo bolt of the brake hose at the brake cylinder. **This is the highest point in the brake-system, proof proper air free installation! Use only seal rings according to the brake hose manufactures' instructions.**



**The original brake-hose has to be exchanged.** A brake-hose with 78cm length and fittings with 0° and 20° is required (LSL Article No.: 225BS78AB).

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

<b>M5</b>	<b>=</b>	<b>6Nm</b>	<b>=</b>	<b>4.43lbf ft</b>
<b>M6</b>	<b>=</b>	<b>10Nm</b>	<b>=</b>	<b>7.38lbf ft</b>
<b>M8</b>	<b>=</b>	<b>20Nm</b>	<b>=</b>	<b>14.75lbf ft</b>
<b>M10x1.25</b>	<b>=</b>	<b>30Nm</b>	<b>=</b>	<b>22.13lbf ft</b>



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

### Maintenance:



Periodically proof all functions during service intervals. Use **particle free (no MoS<sub>2</sub>)** lithium or barium soap grease to maintain lever bushings.

Mount hydraulic brake light switch on master brake cylinder

Mount the reservoir with M6x12 and washer on the new bracket, shorten the hose if necessary

Mount ball joint instead of the fork head on the push rod, using the orig. conternut

Screw in M6x35 from lever's outside and mount bushing (t=10mm) and ball joint on the inside with locknut M6

Mount brake pedal as shown in separate drawing for peg adapter

Fit M6x18 and corrugated washer from outside and mount excentric pedal adjuster on the inside

Fit the spring bolt (l=24,5 mm)

New retain spring

Fit the spring bolt (l= 16mm)

Screw in M6x35 from outside and fix brake cylinder, spacer and reservoir bracket on the inside with locknut M6

Screw in M6x25 from outside and fix brake cylinder on the inside with locknut M6

Brake cylinder adapter mounted with M6x16 on the outside

Mount hanger with M8x25

Fix the orig. fairing bracket with M6x10 on the inside, use washer as spacer

2x bolts M8x25

Fix corrugated brake pedal knob with countersunk M6x16

Fix fairing as original

**Advice:** The orig. bracket for brake cylinder and brake light switch is inapplicable! Use the attached bolts M8x40 for threads M8 and M6x35, with the rubber coated clamp to guide the wiring harness, for the upper thread M6

Mount heel protector with M6x8 on the stay's outside

Mount hanger with M8x25

Fix the orig. fairing bracket with M6x10 on the inside, use washer as spacer

2x bolts M8x25

Mount shifter as shown in separate drawing for peg adapter

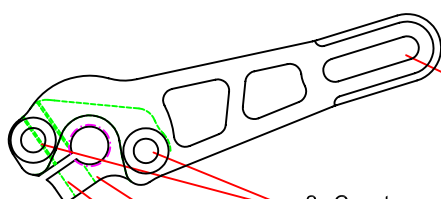
Fix fairing as original

Fix shifter knob with M6x16 and corrugated washer

2x Countersunk M6x16

Gear shift shaft adapter

Fix adapter with M6x22 and corrugated washer



# Rechte Seite / Right side

ULS M10x1.25x25

Schrauben-  
sicherung  
mittelfest  
z.B.: Loctite 243

medium thread  
locking adhesive  
e.g. Loctite 243

Grundplatte

Hanger

ggf. Paßscheibe verwenden  
falls Hebel nicht beweglich

If lever is blocked  
use shim ring

Scheibe  $\varnothing 28\text{mm}$

Washer  $\varnothing 28\text{mm}$

Bremshebel

Brake pedal

Scheibe  $\varnothing 25\text{mm}$

Washer  $\varnothing 25\text{mm}$

starre Lagerung

Peg adapter / journal

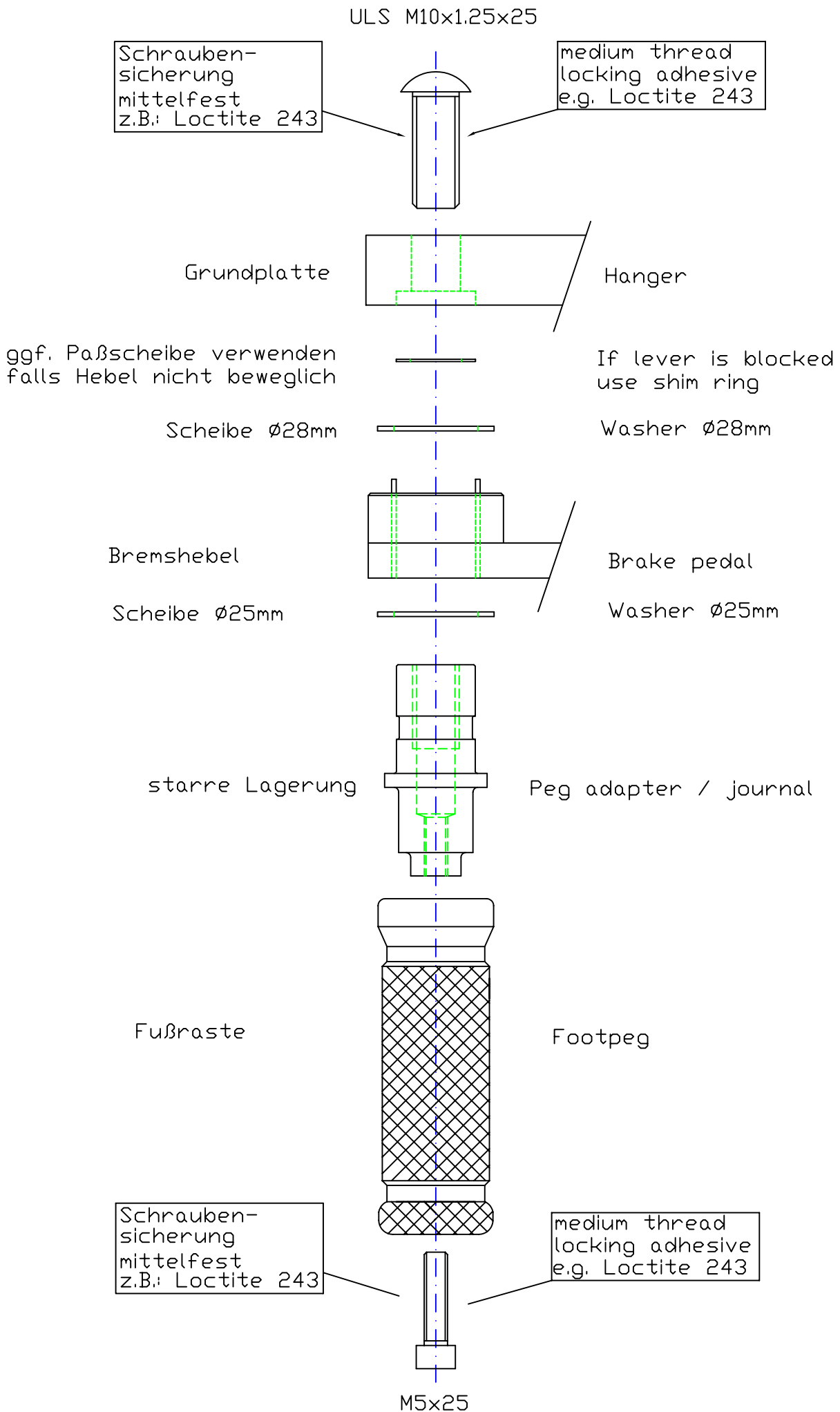
Fußraste

Footpeg

Schrauben-  
sicherung  
mittelfest  
z.B.: Loctite 243

medium thread  
locking adhesive  
e.g. Loctite 243

M5x25



Linke Seite / left side

