



Fitting Instruction

Article-No. : 118T025
Product : Adjustable Rear Set 2-Slide
Manufacturer : Triumph
Model : T509 / T955i 1999 – 2004

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. The following parts will be used for your new rear set: none



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 brake hose's banjo bolt at the brake cylinder. **This is the highest point in the brake-system, proof proper air free installation!**

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

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



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!**

Maintenance:



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

Mount the brake cylinder with the screws M8x20

Mount hydraulic brake light switch M10x1,25

Mount the adapter with M6x16 on the outside

Mount ball joint instead of the original fork head on the push rod. To reach a deep lever position it may be necessary to shorten the push rod

M8x20

Screw in M8x35 from lever outside and mount bushing (t=9mm) and ball joint on the inside with flat locknut M8

Mount the fixation piece with the screws M8x25

Mount brake lever as shown in separate drawing for peg adapter

M6x16 countersunk

spring bolt (l=24,5mm)

spring bolt (l=16mm)

M8x20

Mount the heel protector with the screws M6x8

Mount the fixation piece with the screws M8x25

Mount gearshift lever as shown in separate drawing for peg adapter

Fit the left-hand thread ball joint M6 with M6x22 and Spacer (t=5mm) on the inside

Fix gearshift lever knob with M6x16 and corrugated washer

Left-hand thread counternut

Mount the ball joint on the outside with M6x20 and spacer (t=3mm)

Use the attached spacers 2 x 20mm and 1 x 10mm for your individual position

counter nut

M6x22 and washer

2-Slide rear set
Triumph T509/T955i '02-04

LSL- Motorradtechnik, 29.07.05

ULS M10x1.25x25

Schrauben-
sicherung
mittelfest
z.B.: Loctite 243

medium thread
locking adhesive
e.g. Loctite 243

Grundplatte

Stay

ggf. Paßscheibe verwenden
falls Hebel nicht beweglich

If lever is blocked use
shim ring

Scheibe $\varnothing 28\text{mm}$

Washer $\varnothing 28\text{mm}$

Brems/ Schalthebel

Brake pedal/ Shifter

Scheibe $\varnothing 25\text{mm}$

Washer $\varnothing 25\text{mm}$

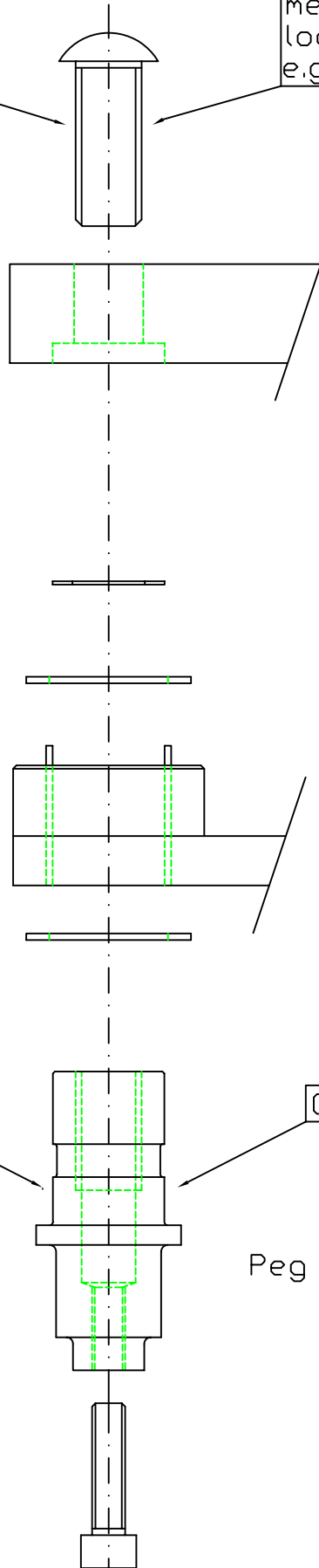
Fett

Grease

starre Lagerung

Peg adapter

M5x20





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