



Fitting Instruction

Article-No. : 110Y077
Product : Rear Set
Manufacturer : Yamaha
Model : YZF-R1 → 2001

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 original parts will be used for your new rear set: gearbox lever, left and right heel protector with their screws and brake light switch with its spring.



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

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



After installing your new rear set **test brake and gear shifting at low speed. If anything is not operating properly or braking efficiency is poor, testing at high speeds 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.

Master brake cylinder

Original counter nut M8

Mount fork head and pin of the push rod with new split pin

Fix original heel protector with original screws from behind

Mount brake lever as shown in separate drawing for peg adapter

Fix spring with M5x20

New retain spring

Screw in M6x16 from outside and mount spring-bracket bolt on the inside

Fix brake cylinder on the outside with original screws and spacers (t=6mm) between brake cylinder and stay

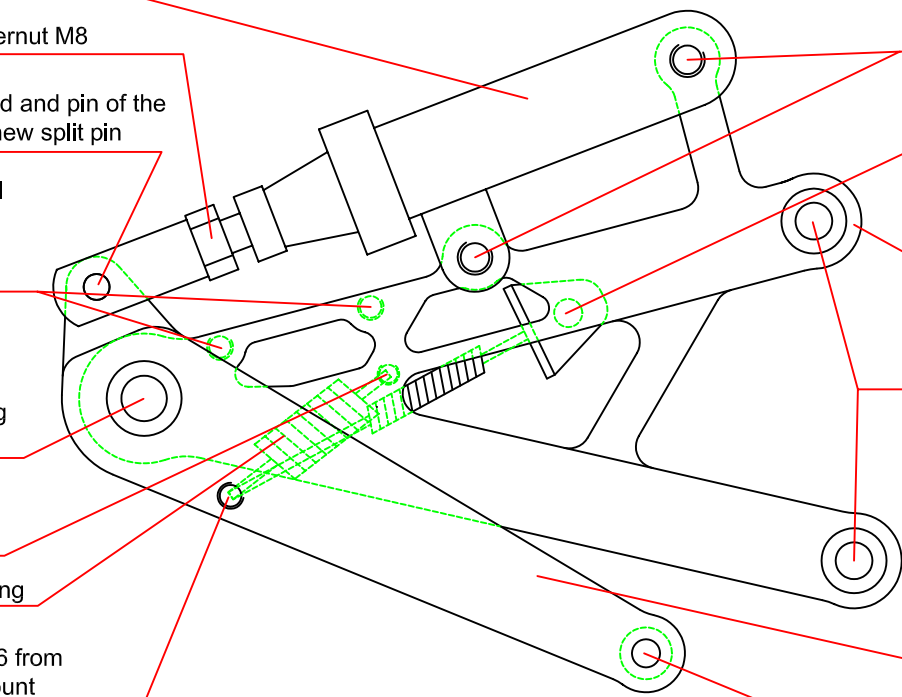
Mount brake light switch bracket with M5x10 from behind

Stay

Mount stay with M8x20

Brake Lever

Fix brake lever knob with countersunk M6x16



Use the original gearbox lever, left-hand thread ball joint and counter nut

Fix original heel protector with original screws from behind

Stay

Mount stay with M8x20

Fix gearshift lever knob with countersunk M6x16

Ball joint M6 with counter nut

Fix the ball joint with M6x35 mounted from behind and spacer (t=18mm) on the inside of gearshift lever

Gearshift lever

Mount gearshift lever as shown in separate drawing for peg adapter

