Mounting instruction for Item N°. 6250/6 Front Tuning disk brake for Leopard/Pajero/Marder Race, set

Radio control Racing cars

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Tuning disk brake for the front wheels, suitable for the FG models Leopard, Pajero and Marder Race.

Using this brake the throttle/brake servo should have a minimum regulating power of 7-8 kg in order to achieve the required brake power. If you want to use the disk brakes for the front and rear wheels we recommend to steer each brake over a separate servo. If you own a lower-priced radio control system you need a Y-cable, at high-quality radio control systems the third servo is steered over a third channel.

Mounting

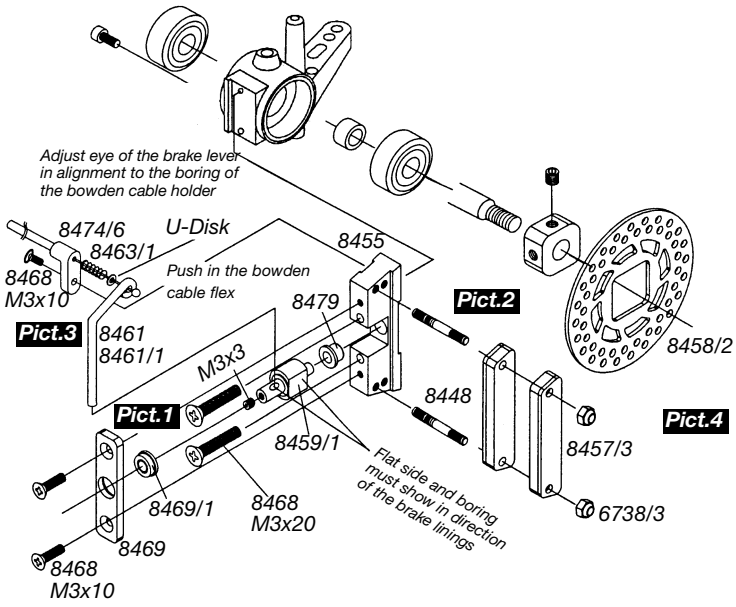
Pict.1 *Mount the parts as shown on picture 1. Important! There are two different versions of brake shafts 8459/1. When mounting these into the brake caliper 8455 it is very important that the flat side as well as the boring for the brake lever 8461/1 show to the outside or rather to the brake linings 8457/3. Now press the bearing into the guiding plate and screw the plate on the brake caliper.*

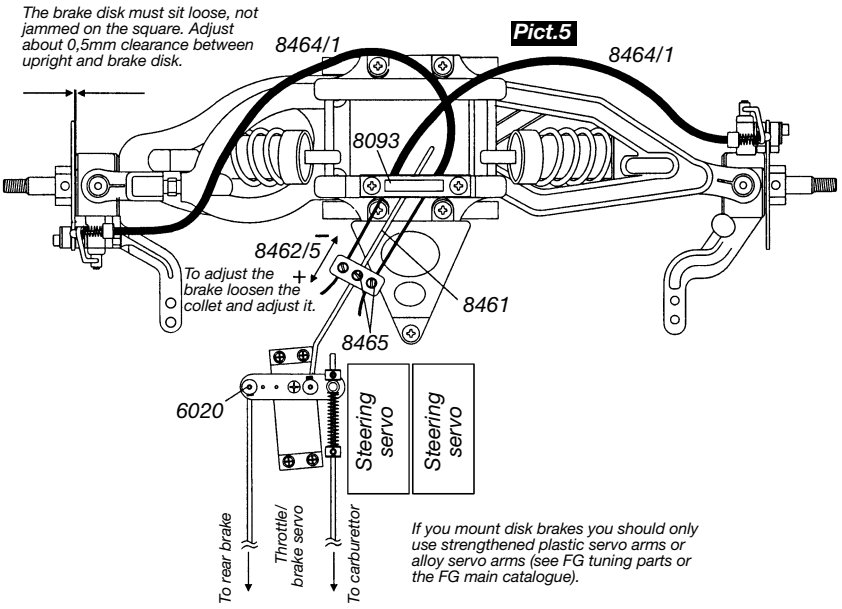
Pict.2 *Mount the parts as shown on picture 2. Apply screw retention lacquer on the longer thread part of the stud bolt 8448 and screw it into the alloy brake caliper 8455.*

Pict.3 *Press the brake lever 8461/1 into the boring of the brake shaft 8459/1 as shown on picture 3 and fix it with the headless pin M3x3. Mount the alloy bowden cable holder 8474/6. Now pull the bowden cable flex completely out of the bowden cable pipe. Screw the threaded part of the bowdencable pipe completely into the bowden cable holder 8474/6. Push the bowden cable flex as shown on the picture first into the eye of the brake lever 8461/1, then through the plain washer, pressure spring 8463/1, alloy bowden cable holder 8474/6 and finally press it completely into the bowden cable pipe.*

Pict.4 *Now the brake linings 8457/3 with the brake disk 8458/2 have to be mounted. Press the linings slightly together with the brake disk in between. Now lay the M3 stop nuts on only slightly so that the brake disk can still be moved freely.*

Pict.5 *Install the bowden cable pipe as shown on picture 5 into the borings of the brake bar 8093. Important! Fix the bowden cable pipe in true alignment to the boring and press it slowly in with turning movements to the left and right. Switch on your radio control system and bring the throttle/brake servo in central position so that the servo arm is placed in 90° position to the servo. Mount the servo rods 8461, balance 8462/5, collets 8465/6020 a.s.o. as shown on the drawing.*





Spare parts

6020	*Collets 2,1 mm, 5pcs.*
6738/3	*Self-locking hexagon nut, M3, 15pcs.*
8093	*Brake guide rail, 1pce.*
8448	*Stud bolt for brake lining, 4pcs.*
8455	*Alloy brake caliper f.fr.disk brake, 1pce.*
8457/3	*Competition brake lining glued, 4pcs.*
8458/2	*Tuning brake disk, lasered, 2pcs.*
8459/1	*Brake shafts, 2pcs.*
8461	*Brake lever and servo rods, 2pcs.*
8461/1	*Brake lever f. front a. rear disk brake, 2pcs.*
8462/5	*Balance, 2pcs.*
8463/1	*Pressure spring 0,25x3,2x14mm, 2pcs.*
8464/1	*Flex. bowd. cable f. fr. disk brake, 1pce.*
8465	*Collet set, 4pcs.*
8468	*Screw set for disk brake front/rear*
8469	*Guiding plate, ball-beared, 2pcs.*
8469/1	*Ball bearing flange for 08469, 2pcs.*
8474/6	*Alloy bowden cable hold.long f.1:6/F1, 2pcs.*
8479	*Steel bush for brake caliper, 2pcs.*

Adjusting the brake

Both brake disks should be turnable when the joystick (transmitter) is in neutral position. Both brakes must pursue an equal braking effect on the disks. If the braking effect is only one-sided, the corresponding bowden cable has to be tightened slightly at the balance 8462/5, therefore loosen collet 8465. Should the breaking effect of both brakes be either too high or too low, loosen the centric collet 8465 at the balance and move the balance 8462/5 either backwards or forwards.