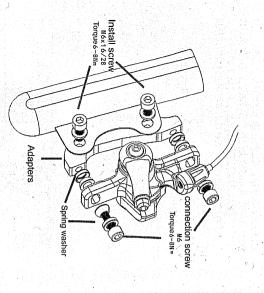
Manufacturing Corporatation Ltd. Lanxi Jieke Sports Apparatus

manual for disc brakes installation and operation user

# mechanical disc brake of bicycle

system	All-in-one	JAK-5	ZJ-2	T-2	YK-5	ER-3	ER-5
	system	Split	JAK-8	JAK-7	JAK-1	ZJ-5	ER-1

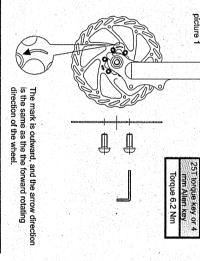
All disc brakes are designed to fit the front fork, frame and wheel hub under international standards.

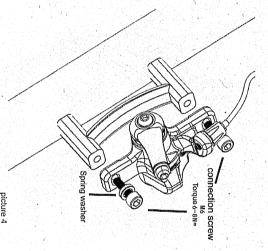


picture 3

(2)When assembling, the specification marks on the rotor (1)Remove the front wheel from the front fork of the bicycle the rotation arrow label pointing in the same direction as Use 6 rotor screws to tighten the rotor onto the disc hub (25T torque key or 4 mm Allen key, torque 6.2 Nm). the forward rotation of the wheel must face outwards. And the rotor must be installed with

\*Warning: Safety problems may occur if the disc is reversed





Installation

the rotorby using hex socket screws (M6X16 or M6X28, the screw (2).Install the calipers with the fixed adapters to the fixing holes of (1). Select the appropriate caliper adapter according to the size of the rotor. Fix the caliper to the caliperadapter with hex socket screws (washers are optional). Please only pre-tighten at this moment.

(3) Install the caliners with the fixed adapters to thefront took or seat stay through the fixing holes of the rotor by using two M6X18 hex then tighten the screws up (torque 6-8 Nm). socketscrews and flat washers (the screws may vary depending

on the frame size),

sizes may vary depending on the bicycle models) and flat washers,

(4).After the brake cable is installed, pull the brake lever to its tightest brake pads. bit smaller). Then spin the wheel to make sure the disc is clear to the caliper (torque 6-8 Nm). Then release the brake lever to make sure the disc is between 2 brake pads (B gap is allowed to be little position, and then alternatively tighten the M6 connection screws on

(5).If disc is in contact with the brake pad on the adjusting bolt side, the adjusting bolt could be unscrewed to certain degree to make

sure the wheel spins smoothly

When pulling the brake lever tig the gap between the pull rod an the force arm is at least 10 mm under the normal state.

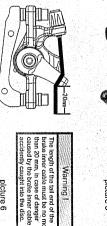
picture 2

(1). Thread the brake inner cable through the adjusting screw on the caliper force arm.

(2). Continue to thread the brake inner cable through the cable cable pressing screw (torque 6-8 Nm). forward for 3-7 degrees for pre-tightening, and then tighten the pressing plate of the pull rod on the caliper. The pull rod is pulled

(3).The tension of the brake cable can be adjusted by the adjusting everything works well, then cover the adjusting screw of the caliper screw on the force arm or the adjusting screw on the brake lever. If arm by the waterproof case. pressing screw

pressing plate



e length of the tail end of the ke inner cable must be no mo Warning !

picture 5

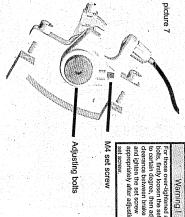
picture 6

(2) Enables (Black Black Bullette)

## Adjustinienii

(2).B gap: When B gap is too large, just screw the adjusting bolt to right position (tighten the rotor by holding the brake lever with (1). A gap: When A gap is too large, the connection screws have to caliper installation steps mentioned in Step 3 and Step 4. froce to check if you feel comfortable or not). Then repeat the position (tighten the rotor by holding the brake lever with appropriate be loosened. Then screw the adjusting bolt into appropriate

appropriate froce to check if you feel comfortable or not).



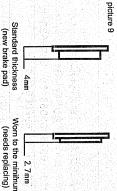
olts, firstly loosen the set screen certain degree, then adjust the dighten the set screw propriately after adjusting the

M4 set screw

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- ★ (a).When the brake pads are worn too thin, the manner to required for normal braking, and thereby fails the braking function). the caliper force arm, and the pull rod will lose the motion range is inappropriately over-tightened, the pull rod will be too close to in case of affecting the normal brake operation (If the inner cable compensate the wear by tightening the inner cable is not allowed
- ★ (b)Before riding the bicycle, please check the thickness of the must be replaced to ensure the safety riding. the replacement of the pad is recommended. When the total thickness of the worn brake pad is less than 2.7 mm, the pads brake pads. When the wear of the brake pads exceeds 0.8 mm



Worn to the minimum (needs replacing)

Ricolide (2001) -- 1901/2007 (2001/2008)

## The Property of the Party of th

Lossen the connection screw.

(2).Unscrew the adjusting bolt, and remove the caliper

(3).Push caliper pistons fully back and pull out the brake pads, then replace new brake pads

3-1. Loose the set screw and unscrew the adjusting bolt, (4). Tighten the connection screw between big and small calipers, then remove the used brake pads and place new brake pads. torque 6-8 Nm.

(5).Repeat the caliper installation.

picture 8

A gap

B gap

0

Adjusting bolts

Lossen the connection screw.

Unscrew the adjusting bolt, and remove the caliper
 Lossen the connection screw between big and small calipers,

torque 6-8 Nm. Tighten the connection screw between big and small calipers, remove the used brake pads and place the new brake pads.

(5).Repeat the caliper installation.

calipers remain installed. remove calipers. Just replace the brake pads directly when the For T-2, JK-1, JAK-7, JAK-8 quick release calipers, no need to

on the brake lever to tighten the brake cable would also adjust the Do not use the manner of tightening the brake inner cable only or replacing the brake pads of different specifications to solve the wear the force arm and the pull rod when you grasp the handle n case A gap. However, attention must be paid that the distance between ssue. Use the adjusting bolt on the force arm or the adjusting screw

Notes

1.After it has been frequently used for a long time or not used for at least one month, the disc brake must be checked whether it works normally, whether the wear of the brake pads is within normal rangeand the rotor is worn deformed or not (when the deformation deflection exceeds 0.2mm, the rotor must be replaced).

Be careful not to allow any oil or grease to get onto the brake pads. If the safety riding. pads become contaminated, they should be replaced to make sure the

3.When users use the brake during riding, there may be slight noise caused by the friction of the brake pads and the disc. It is normal and no need to worry about.

4.It is critical to completely understand the operation of bicycle braking system. and operation of bicycles because each bicycle may handle differently.

Please consult professional bicycle dealer or the manual for assistance and and possible severe injury. Make sure to learn the proper braking technique Any improper use of brakes may lead to a loss of control or even an accident mprove the riding and braking technique.

Before each ride, please check whether the disc brakes can work normally. If abnormal occurrence, such as poor braking feeling, insufficient braking force, or brake failure happens, please consult professional technician in bicycle dealers for inspection and tune-up.

When replacing the incoming film, please make sure that the replaced one is replaced, it may cause safety problems. is the same as the original one.Unanimous. If the inconsistent incoming film

7.In order to avoid the hidden danger of loosening of the screws due to damage to the anti-loosing glue, all the loose screws that have been disassembled during the maintenance and repair process must be replaced with new anti-loosing screws.

contact information

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Installation

brake pads as before in case of losing the safety braking force. disc is clear to brake pads when spining the wheel. If brake pads approximately 0.3 mm. The clearance between rotor and the right installation shown in Step 3 and 4, and adjust the clearance between connection screw needs to be loosened. Then repeat the caliper brake pad (B gap) is allowed to be smaller given the fact that the The clearance between rotor and the left brake pad (A gap) is

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