



# CROSS COUNTRY MOTORCYCLE MAINTENANCE BOOK



【Please read this manual carefully before use】

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## **Preface**

Thank you for choosing our motorcycle. I wish you enjoy the driving fun and comfort it brings you in the long journey in the future.

This manual introduces the maintenance methods of the motorcycle. Correct use and maintenance can effectively ensure driving safety. Reduce the failure of this product, maintain its best performance and prolong its service life. The company will be happy to provide you with more technical consultation and after-sales service.

The data, instructions and specifications shown in this manual may be different from the real object. When purchasing the motorcycle, the real object shall prevail.

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## This manual is mainly divided into the following parts

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## 1、 Change the oil frequently

### 1、 Oil check

Be sure to check the engine oil before driving. When checking the engine oil, support the vehicle on a flat ground. At this time, the engine oil volume should be between the upper and lower lines of the oil dipstick.

The use of special oil can effectively prolong the service life of the engine.

### 2、 Engine Oil Change

Engine Oil plays an important role in the normal operation of the engine and needs to be checked regularly. After the running in period, change the engine oil every 2000 km.

When the engine is hot, screw out the oil drain bolt at the bottom of the engine and completely drain the old oil.

Clean the oil filter screen, confirm the installation after cleaning, inject 1–1.5l new oil and idle the engine for 2–3 minutes.

After stopping the engine for one or two minutes, check whether the oil volume is between the upper and lower lines of the oil dipstick, and increase or decrease the oil volume accordingly.

Note: do not use engine oils of different grades to avoid mechanical failure.

Engine Oil is recommended

The engine oil of competitive vehicles for field competition is changed once every 8 hours. It is recommended to use 10 w- 40 engine oil above SF level for competitive vehicles.



## 2、Running in of engine

Keep the engine clean, no air leakage, no overheating, easy to start, good acceleration performance and power performance, and no abnormal sound. The first 500 km is the running in period. During the running in period, the following problems should be paid attention to.

It is forbidden to carry heavy objects, climb steep slopes and accelerate gently. The continuous driving mileage shall not exceed 50km, and the full throttle operation shall be avoided.

Warm up the engine for 3–5 minutes before each driving to fully lubricate the moving parts.



### 3、Chain lubrication

- 1、 Turn off the engine, open the side bracket and shift the transmission to neutral
- 2、 clean the dust and soil on the chain, then apply an appropriate amount of engine oil or lubricating oil on the transmission chain, put away the side support, and turn the cart back and forth to lubricate the chain evenly.
- 3、 Check whether the chain disc and disc brake disc are loose and whether the brake pads are worn.



## 4、 Adjustment of spokes

Spokes: the spokes need to be adjusted after each game



## 5、 Check the oil seal bearing and lubricate it if necessary:

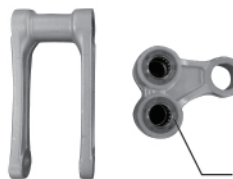
Most of the moving parts on the motorcycle need lubrication. For example, moving parts such as swing arm, steering shaft, wheel and fork bearing. Otherwise, the bearing may get stuck and the chain and wheels cannot be driven.

### Swing arm

If there is serious wear, it must be replaced with a new one



Before maintenance



Fill lubricating oil

After maintenance

### Steering column



Before maintenance



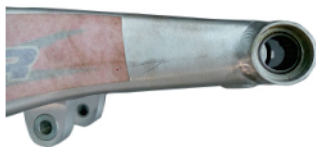
Fill lubricating oil

Fill lubricating oil

After maintenance



Fill lubricating oil



Before maintenance



Fill lubricating oil

After maintenance

## 6、 Keep the air filter clean

- 1、 Take out the filter element of the air filter and check whether it is polluted (disassembled).
- 2、 Remove the side cover, pull out the screw and disassemble the air filter (clean).
- 3、 Clean the air filter shell with clean detergent and dry it with a dry cloth.
- 4、 The filter element can be attached after being wet with clean engine oil and then squeezed dry ( Recommended oil (15 W / 40 QZ)

### Note:

When washing the car, avoid water from the air filter. When cleaning the filter element, it should be washed gently, and the filter element cannot be screwed to avoid cracks. Do not clean the filter element in acidic, alkaline and volatile oil of gasoline, so as to avoid aging of the filter element and failure of the binder. If the filter element is broken or cracked, replace it with a new one.



Before maintenance



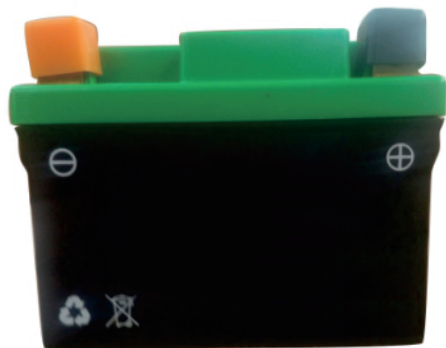
After maintenance

## 7、 Battery maintenance

**The battery should be checked once a month to see if it is in power loss. The battery shall be clean and intact, fixed reliably, and the specific gravity and liquid level of electrolyte shall be appropriate.**

### Note:

- 1、 When disassembling the battery, remove the (-) pole first and then the (+) pole. During installation, the (+) pole shall be connected first and then the (-) pole. Be sure to avoid contact between (+) pole and vehicle body.
- 2、 When adding distilled water, do not exceed the upper marking line, otherwise it may overflow and cause corrosion. The battery is equipped with sulfuric acid, which will cause serious damage in contact with skin or eyes. If it is stained, wash it with clean water immediately, and seek medical treatment immediately after five minutes.



## 8、 Maintenance of braking device

**When cycling every day, check whether the brake device is intact and whether the steering is normal.**



Check whether the oil level line of the oil cup is appropriate

## 9、 Connection point of the whole motorcycle

### Fastener torque specification table

serial number	Screw diameter	Tightening torque table (N.m)
1	M6	8-12
2	M8	18-25
3	M10	30-40
4	M12	55-70
5	M14	
6	M22	60-90
7	M25	
8	M26	

## 10、Maintenance cycle

Maintenance program		Maintenance times	(Odometer)km ( Note2 )				
			Project cycle	1000km	4000km	8000km	12000km
1	fuel system			I	I	I	
2	Fuel muffler		C	C	C	C	
3	Throttle operating system		I	I	I	I	
4	Carburetor choke			I	I	I	
5	Air filter element	Note 1		C	C	C	
6	spark plug		I	I	I	I	
7	Valve clearance		I	I	I	I	
8	Engine lubricating oil	Annual R	R	Replace every 2000km			
9	Lubricating oil filter screen	Annual R				C	
10	Timing chain tension		A	A	A	A	
11	Carburetor idle		I	I	I	I	
12	Drive chain		I、L	I、L	I、L	I、L	
13	battery	monthly	I	I	I	I	
14	Brake shoe wear		IR	IR	IR	IR	
15	Rear brake system		I	I	I	I	
16	Brake fluid hose	4 years R		I	I	I	
17	Brake fluid cup		A	A	A	A	
18	Brake fluid	2 years R	Replace every 2 years				
19	Front brake system		I	I	I	I	Optional by model
20	clutch		I	I	I	I	
21	Side support						
22	Suspension and cradle		I	I	I	I	
23	Nuts, bolts, fasteners		I	I	I	I	
24	Halberd / spokes		I	I	I	I	
25	Direction bearing		I	IL	IL	IL	

I: check, clean, adjust, lubricate or replace. C: Cleaning. R: Replace. A: Adjustment. L: Lubrication

## 11、 Clean your motorcycle

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Regular cleaning of the motorcycle can prevent the body from fading. It is also convenient to check whether the motorcycle is damaged and whether the oil leaks.

### Reminder:

After each field competition, the user must conduct a comprehensive inspection of the vehicle

1. Check the engine for damage, vortex oil and oil leakage, and increase or replace the engine oil in time.
2. Check flat fork, hub and muffler Check whether it is deformed or broken.
3. Check wheel spokes for looseness and excessive tire wear.
4. Check whether the cradle and bearing are loose, Clean and lubricate the cradle and bearing.
5. Clean and maintain the air filter and carburetor.

## Vehicle purchase information form

Model name			
Purchase price		Telephone	
Name			
Frame number		Engine number	
Dealership			
Purchase date			

Note: Please fill in the vehicle purchase information form carefully and accurately so that users can apply for after-sales service from the seller with this certificate.

National Service Hotline :

## Maintenance registration form

Maintenance date	Vehicle inspection	Special for xinguizun Oil change time	Signature of maintenance personnel	User signature	Note

## Maintenance registration form

Maintenance date	Fault condition	Troubleshooting and replacement parts	Signature of maintenance personnel	User signature	Note



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