

# BL Motorcycles Ltd

*Professional Workshop Manual - English Translation*

## CFMoto - CFMoto Moto V-Night CF150-2C. Owner\_s Manual. English

V NIGHT Motorcycle  
CF150-2C OWNERS MANUAL

### Foreword

This instruction gives detailed introduction to the basic operation and maintenance methods of CFMOTO CF150-2C Model motorcycle. Please carefully read this instruction before driving.

Proper use, maintenance and service will effectively safeguard driving safety, reduce failure of motorcycle, maintain optimum performance of the motorcycle and prolong service life of the vehicle.

The CFMOTO Service Station of the company will provide high-quality after-sale service for you.

The data, specification and introduction in this instruction are determined according to the latest design of the company at present and Zhejiang CFMOTO Power Co., Ltd. reserves the right to update them at any time. For any technical change to this vehicle in the future, the company will give no further notice.

Thank you for choosing CFMOTO motorcycle!

Wish to bring you comfortable, rapid and delightful experience in the future journey.

The implementation standard of this product (CF150-2C) is: Q/CFD013-2011

### Notes

Please carry out operations according to the traffic laws and regulations and the provisions of this maintenance instruction.

This maintenance instruction is one of the necessary accessories of this vehicle. When the vehicle is transferred to other person, please transfer the vehicle with this instruction.

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## -1-1.CF150-2C Model Motorcycle Overview

With compact structure, CF150-2C model motorcycle has featured, unique and novel appearance. The riding is comfortable and driving stability is good. It adopts the latest water-cooled engine researched and developed by the company and it adopts the electronic fuel injection system, which makes it more environmental-friendly with lower fuel consumption and emission, reaching Chinese National Phase III Emission Standards Euro III Emission level.

### (1)Applicable Scope of CF150-2C Model Motorcycle

CF150-2C is one motorcycle promoted by CFMOTO with independent development.

This vehicle can not only be the traffic tools for commuters and tourism and leisure activities and also can be heavy transportation tool.

Therefore, CF150-2C motorcycle is not only suitable for urban roads but also for countryside roads.

## -2-(2)Characteristics of CF150-2C Model Motorcycle

### 1. Strong power and heavy load.

The engine model of this vehicle: 157MJ-3A(A1)

Maximum net power: 10.5kW (9000rpm). When the engine is at 9000 RPM the output power is 10.5kw.

### 2. Big torque force and strong gradeability.

The maximum torque: 12.2N·m (6500 rpm). When the engine is at 6500 RPM the output torque is 12.2 N·m.

### 3. Fuel evaporation recovery system and optimized muffler catalyzer.

It makes it more environment-friendly with lower fuel consumption and more thorough combustion. The combustion structure is more reasonable and the system completely reaches National Phase III Emission Standard.

### 4. State-of-the-art water-cooling technology.

As the professional enterprise that produces water-cooled engines, the Water-cooling technologies of CFMOTO are at the top level. Compared to the air-cooled engines with the same displacement: it has better heat dissipation and the temperature adjustment of the engine oil is more flexible with higher power, lower fuel consumption and has prolonged service life of engine.

### 5. DC power supply system.

The charging efficiency is higher. More lighter and make it easier to drive in the night.

## -3-2.User's Guide

### 1. Regulations on load carrying:

Load carrying of CF150-2C model motorcycle: 2 persons(including 1 driver and 1 passenger).

The maximum allowable load carrying capacity is: 150kg.

### 2. Fuel

Since gasoline is highly flammable, if the fuel tank, fuel filter, fuel pipeline, and other accessories of the vehicle cause oil leakage due to damage and aging, the users should use the vehicle after timely repair and troubleshooting.

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### **3. Electric system**

The user cannot retrofit or change the circuit of the vehicle on its own nor enlarge or add electric equipment. It will make the electrical equipment of the vehicle overloaded, resulting in overheated circuit, melted fuse or short circuit or even spark and car burning and so on.

The company will not be responsible for any consequences due to retrofitting or change of the vehicle circuit or enlarging or adding electric equipment.

### **4. Inspection**

The user should strictly maintain the parts and accessories listed as per requirements of Periodic Maintenance Table. The fuel used in this vehicle is: 93# octane gasoline.

### **-4-3.Transportation, Storage and Unpacking Installation of Motorcycle**

1. The motorcycle (with packaging box)should be reliably secured on the transportation vehicle. During transit, there should be no damage or destruction.
2. The motorcycle (with packaging box)should be stored in clean,well-ventilated,dry,rain-proof and sun-proof warehouse and should not be stored together with the inflammables,chemical corrosives and other hazardous substance.
3. This motorcycle is completely installed at the dealer's and is delivered to the users after commissioning.

The installation sequence is as follows:

Unpack the box and take out all accessories.

Install handle tube.

Disassemble the left, right and front shock absorber retaining bolts,take out the rear wheel and support the vehicle with the side stand or main process stand(matching),install front brake and front wheel,install storage battery,install other accessories(rearview mirror and so on),fasten bolts and nuts of the whole car and inspect the circuit before starting the motorcycle.

Adjust light signal, front and rear brakes, clutch, throttle, and so on and deliver it to users after testing.

The installation is completed.

Transportation, Storage and Unpacking Installation of Motorcycle are only for references of the dealers.

### **-5-4. Safe Driving**

This motorcycle is two-wheel motor-driven vehicle, which can bring convenience and rapidness to the driver. To ensure the best performance of the motorcycle, you must maintain and service the vehicle correctly. When using the motorcycle, the vehicle must be safe and normal; when driving or riding the motorcycle, you must be healthy in order to control the vehicle in the best state.

NoteWhen driving the motorcycle, the traffic rules and regulations must be observed; the vehicle must be carefully inspected before driving.

#### **(1)Rules for Safe Driving**

1. Before starting the motorcycle,it is necessary to inspect the vehicle carefully in order to ensure that the vehicle is safe and normal; in this way,accidents can be prevented and damage of parts and accessories can be avoided.
2. The motorcycle drivers must pass the exam held by the traffic administration department and obtain motorcycle driving licensebefore driving the motorcycle; the vehicle cannot be lent to people without motorcycle driving license.
3. To avoid injury, you should:

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Eye-catching clothing.

Don't be too close to the other vehicles when driving and use the turn lights,horn,brake lights and so on correctly.

Do not drive in the dead zone of other drivers.

4. Strictly pay attention to and observe traffic rules and regulations(i