

# BL Motorcycles Ltd

*Professional Workshop Manual - English Translation*

## CFMoto - CFMoto Moto CF650NK. Owner\_s Manual. English. EU1108

### FORWARD

Thank you very much for choosing a CFMOTO vehicle. Welcome to join our worldwide family of CFMOTO owners. We proudly produce exciting products such as sports vehicles, utility vehicles, recreational vehicles.

- \* All terrain vehicle (ATV)
- \* Utility vehicle (Patrol, forest protecting and hunting)
- \* Motorcycles
- \* Scooters
- \* Travelling motorcycles
- \* Vehicles for government purpose

CFMOTO, a company which is specialized in production of liquid-cooled engines, is the top-level manufacturer in China. Compared to the same displacement of an air-cooled engine, the engine cooling effect is better, oil temperature can be adjusted more freely, more powerful and lower fuel consumption, and longer engine working life.

This motorcycle is designed for not only for working, but also for fun and adventure.

For safe and enjoyable operation of your vehicle, be sure to follow the instructions and recommendations in this owner's manual. Your manual contains instructions for minor maintenance, but information about major repairs is outlined in the CFMOTO service manual and should be performed only by CFMOTO service dealers and technicians authorized by CFMOTO.

Your CFMOTO dealer knows your vehicle best and is interested in your total satisfaction. Be sure to return to your dealership for all of your service.

It's essential to make a basic pre-ride inspection. At the same time, regular maintenance is also necessary for your driving and use. This manual should be considered a permanent part of the motorcycle and should remain with the motorcycle when resold.

Wish you a pleasant drive.

The model is subject to standard: Q/CFD 004-2011.

Compiling the owner's manual is in accordance with standard: GB9969.1-1998 and GB/T19678-2005.

### DANGER

### WARNING

### CAUTION

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## CAUTION IMPORTANT SAFETY INFORMATION

Your safety, and the safety of others, is very important. And operating this motorcycle safely is an important responsibility. To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

You will find important safety information in a variety of forms, including:

This signal means You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.

This signal means You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.

This signal means You CAN be HURT if you don't follow instructions.

This motorcycle can only be used by eligible riders with proper way. At the same time, please pay attention to following instructions.

Do not make any modification on this motorcycle without our approval. Any modification about this motorcycle or electric components will cause potential side effect on performance, emission and noise control.

Be sure to follow your local traffic rules and laws when riding.

All information in this publication is based on the latest production information available at the time of approval for printing. CFMOTO reserves the right to make changes at any time without notice and without incurring any obligation.

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Be sure to record below VIN number, engine serial number and name plate number for your maintenance purposes. At the same time, keep a spare key in a safe place. If two keys are missing, then you have to replace every lock because all locks use the same key.

Vehicle identification number:

Name plate:

Engine serial number:

## -1-VIN AND ENGINE SERIAL NUMBER

Performance

Max. Power 52.00kW/8500rpm

Max. Torque 62.00N·m/7000rpm

Min. turn radius 2.70m

Size

Length: 2120mm

Width: 780 mm

Height: 1100 mm

Wheel base: 1415 mm

Min. ground clearance: 150 mm

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Dry weight: 206 kg

## Engine

Type: Two cylinder in-line, 4-strokes, DOHC, 8 valves, liquid-cooled

Displacement: 649.3mL

Bore x Stroke: 83mmx60mm

## -2-SPECIFICATIONS

Compression ratio: 11.3:1

Starting system: Electric starter

Number of cylinders: 2

Firing order: from left to right, 1-2

Carburetion system: EFI (electronic fuel injection)

Ignition system: CDI (transistorized ignition)

Ignition timing (before compression to top dead point): 10BTDC@1300rpm~

(Advance angle of ignition): 33 BTDC@6000rpm

Spark plug: CR8EI

Lubricating system: Forced lubrication (semi-dry sump)

Engine oil Oil type: SAE 15W-40/SG

Oil capacity: 2.6 L

Coolant capacity: 1.6L

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