

FALCON



OWNER'S MANUAL

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FOREWORD

Thanks for choosing **FALCON** as your vehicle.

This owner's manual provides all the details to operate and necessary maintenance procedure to perform safely.

Please spend some time on reading this manual before operating our **FALCON**.

Please also keep the following information in mind while operating the **FALCON**.

PARENTS & CHILD READ BEFORE OPERATION

The **FALCON** vehicle is for “**OFF-ROAD USE ONLY**”

FALCON should only be operated under the direct supervision of an adult.

Never exceed your riding capabilities.

FALCON can be hazardous to operate, avoid excessive speed, paved surfaces, sharp turns, and uneven terrain.

Never ride during low light conditions.

SPECIFICATION

MOTOR TYPE	DC 24V 500W	
MOTOR NUMBER	1	
TRANSMISSION	FORWARD	
BATTERY TYPE	LEAD-ACID BATTERY 12V x50AH x2	
CHARGER TYPE	INPUT VOLTAGE 115V~230V, AC60/50HZ, OUTPUT VOLTAGE 24V DC 8A	
MAX.SPEED	ABOUT 13KM/HR	(DEPENDING ON RIDER' S BODY WEIGHT AND ROAD CONDITION)
REAR BRAKE	MECHANICAL DRUM	
TIRE	11x4.00-5	
OVERALL DIMENSION	53.2/1350,37/940,24.4/620 in/mm	
WHEELBASE	32.8/840 in/mm	
SEAT HEIGHT	8.1/205 in/mm	
GROUND CLEARANCE	1.8/45 in/mm	
DRY WEIGHT	93 kg	
MAX. LOAD	40 kg (90 lbs)	

SAFETY APPARATUS

Power indicator.

Motor overload protector.

Brake disconnection.

Battery overload protection.

Battery low voltage protection.

Flame-proof device.

Stand by 10 minute auto shut off function.

Accelerator auto shut off when charge.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

Your FALCON vehicle is a one person vehicle.

Your FALCON vehicle is for **“OFF-ROAD USE ONLY”**

Do not allow other persons to be near or riding the vehicle without reading the owner's manual, safety precautions and warnings.

IMPORTANT SAFETY INSTRUCTIONS

SAFETY

FALCON are designed and intended for use by children not less than 5 years of age.

Do not allow other children to ride this FALCON unless they have read the manual.

Never operate FALCON on any public street, road or highway, including dirt or gravel roads.

Never operate FALCON without wearing an approved helmet that fits properly.

Never operate at excessive speeds. Always travel at a speed which is proper for the terrain, visibility and operating conditions, and your experience.

Never attempt jumps or other stunts.

Always keep both hands on the handlebars and both feet on the footrests of the FALCON during operation.

Never operate on excessively rough, slippery or loose terrain.

Always have the FALCON checked by an authorized dealer if it has been involved in an accident.

Avoid operating the FALCON through deep or fast flowing water.

Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.

Never modify FALCON through improper installation or use of accessories.

Never exceed the stated load capacity for FALCON.

Do not open or damage the battery to prevent chemical reaction or damage to the power supply.

KNOW YOUR FALCON



KNOW YOUR FALCON

1.Brake lever

Periodically check (measure) the freeplay of the brakes.Limit:7~12mm.

To adjust the rear brake freeplay, turn the adjust nut . Service the brakes when brake lever travel reaches the following total lever travel measurements. Always service the brakes when there is no longer sufficient stopping ability at the specified lever travel setting.

⚠WARNING

Always adjust the nuts when main switch off.

2.Accelerator

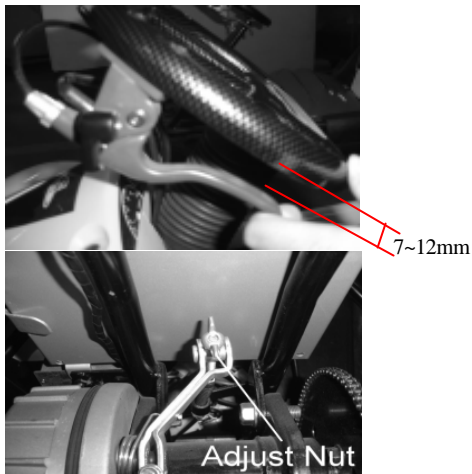
Hold the accelerator with your hand when you want the FALCON to go forward.

Always make sure the accelerator does not stick before you drive. Check this by holding the accelerator toward the steering and then letting go. The lever should come back to where it was before

you hold it. If it comes back slowly or stays close to the steering, the FALCON has a sticky accelerator. This means that something is wrong or broken and must be fixed before you can ride your FALCON safe ly.

⚠WARNING

Never turn on main switch if you have a sticky throttle. You could be seriously hurt if you ride with a sticky accelerator. Have an adult or your dealer fix the throttle before you ride.



KNOW YOUR FALCON

3. Power Indicator

The L.E.D. indicates the level of the battery energy and the vehicle malfunctions.

Green Light on means that the battery is full and ready to be operated.

Red Light on means that the battery is low.

Please recharge the battery or use the backup battery. If you continue to drive until the lower safety limit has been reached, its computer control system will shut the power

off automatically to protect the battery before the battery is used up. That is to ensure the safety of the battery as well as the motor. It is normal that the FALCON is not function at this moment.

Green Light Flicker on means that the battery when charging.

Red Light Flicker on means that the over-heat protection.

Yellow Light Flicker on means that the control system malfunctions.

4. Main Switch

The main switch is located on the seat back.

This switch is operated must move to the ON position before starting go to forward.



ON

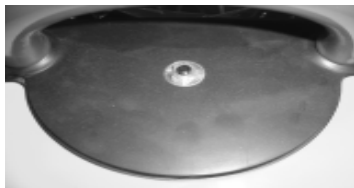


OFF

KNOW YOUR FALCON

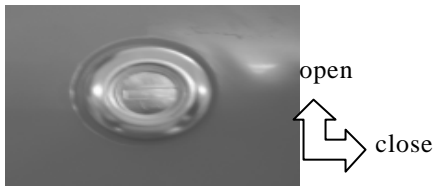
6.Load Protect

When the motor over-heat, the load protect will automatic cut off the electric power. Please move the main switch to off and press the button to reset then move the main switch to ON , the FALCON can starting go forward.



7.Engine cover lock

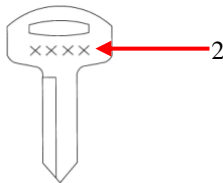
Lock the engine cover.
The key can be taken out.
Open
Open the engine cover.
The key can not be taken out.



KNOW YOUR FALCON

SERVICE NUMBER

- 1.Frame service number.
- 2.Key number



The following page need special attention of adult:

- 1.The child can not open the engine cover, because some parts (ex. Battery, chain....)is danger for child.**
- 2.The child can not start drive without an adult.**

INSTRUCTION OF OPERATION

Charger Base

To charge battery, open the charging hole and plus the connector to the electricity socket.

Charge at dry and cool place, and away from children.

When the connector is broken or moist, do not use to charge the battery to prevent danger.

Before charging please move main switch to OFF position.

When charging, the control system will auto disconnects all motive system. The charger indicator flashes red. When charging competed, red LED light is on.

⚠WARNING

Please use the charger specified by the manufacturer. Other chargers may damage the battery or cause injuries.



START TO DRIVE

Before start to drive

Check the tire

Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual. Standard tire pressure:22 psi

Check all bolts and nuts.

Check the battery capacity.

Check the brake and all other before riding.

Start to drive

- 1.Move the main switch to ON position.
- 2.Hold the accelerator slowly to forward.

Stop drive

- 1.Hold the brake handle.
- 2.Move the main switch to OFF position.

Long-Term Storage

When shutting down the vehicle for long periods, the following maintenance procedures are necessary for smooth restarting.

Disconnect the battery wire.

Charge the battery at least once a month.

MEMO

MEMO

The descriptions and illustrations supplied in this publication are not binding. Manufacturer therefore reserves the right to make any changes to pieces, parts or accessory supplies, which it believes to be appropriate for improvement purposes or any requirement of a constructive or commercial nature, at any time, without the obligation to up-dating this publication before time, the essential characteristics of the type described and illustrated here remaining valid.

WARNING

THIS VEHICLE IS FOR OFF-ROAD USE ONLY.

NEVER OPERATE WITH A PASSENGER.

READ OWNER'S MANUAL BEFORE RIDING.

ALWAYS USE AN APPROVED HELMET.

MAXIMUM WEIGHT CAPACITY: 40 kg (90 lbs).