



# OWNER'S MANUAL



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## 50cc 2-Stroke Dirt Bike Competition only

[www.xprousa.com](http://www.xprousa.com)

\*Please note that this is a generic manual. The model of the vehicle you have may slightly differ from the pictures shown in this manual.

## Instructions

Please read this owner's manual carefully before using this product! This is very important!

It's required for driver's safety and vehicle's maintenance!

**Always ride under adult supervision! This is most important! It's very important for your safety. This product is recommended for riders of 12 years old or over.**

**Do not lend the vehicle to others who don't know how to operate.**

**Please observe all local law and regulations.**

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**Safety warning**

1. This vehicle is not a toy.
2. Children must be trained before operating this vehicle.
3. Be sure of children's riding capability
4. Children must understand the manual and the importance of warnings in the manual.
5. User must read the owner's manual carefully and understand the content of the manual.
6. Incorrect operation of this off road two-wheel vehicle can result in serious injury or even death.
7. This product is not intended for ON-ROAD use.
8. Never ride with more than one person.
9. Never attempt to operate this vehicle while under the influence of alcohol or drugs to avoid injury or death.
10. Please control the speed, do not drive at excessive speeds.
11. Do not allow the vehicle to be used while being serviced.
12. Inspect the vehicle's condition before operating.
13. Do not modify the vehicle or change the parts. This is can be unsafe.
14. Before riding, please wear proper safety gear.
15. It is necessary to receive training from your retailer to learn the operation of the vehicle.
16. Know your local laws and regulations of off road two-wheel vehicles prior to riding. This may be obtained from your retailer.
17. After using the vehicle for long periods of time the muffler will become very hot and will burn you if not careful.
18. Although the vehicle is designed with safety measures, Injury can still arise.

**Please read the warning labels on the vehicle carefully, and understand them fully.**

1. Warning/caution label includes important safety information.
2. User must understand the content of labels completely.
3. Make sure all labels are put on the vehicles at time of assembly.
4. When the labels are not clear or fall off, please ask your retailer for replacements to ensure the integrity of all the labels.

**Assembling guide.**

1. Place the packing box on the flat ground, then open it.(with the scissors or cutter)
2. Use 10# open-end wrench and 6# Allen wrench to take apart the packing metal..for non- iron cage packed models, this step is not applicable,



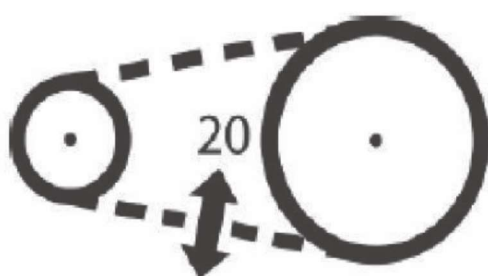
**1<sup>st</sup> step:** Please install the rear shock absorber, and tighten nuts on both sides with 25N.m force.

**2<sup>nd</sup> step:** Please install the front tire (make sure the tread pattern and cycle valve outside), and tighten the nuts with force between 35N.m ~ 45N.m.

**3<sup>rd</sup> step:** Please install the handlebar (adjust to proper angles), and tighten the nuts with force between 15N.m ~ 25N.m.

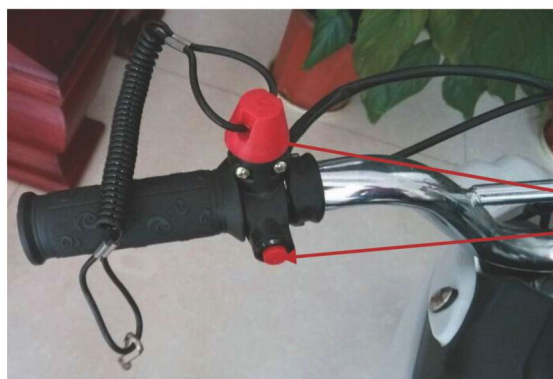
**If you fail to understand the instructions, please contact your local retailer and get proper guidance.**

**Adjust the Chain:** Use your index finger. Press lightly in the middle position between power output sprocket and rear sprocket. The ideal adjustment should be 15mm to 20mm when pressed. If it is not in this range, please adjust the chain adjuster. (Please note: The chain adjuster should be adjusted at the same time to ensure the balance of both side). Loosen the fasten nuts of chain adjuster first, and then unscrew or screw nuts to be best position. Finally, tighten the nuts of chain adjuster.



### Emergency kill switch

The switch is located on the left side of the handlebar. Pull or press down on the switch and the engine will be stopped.



**Kill Switch**

The emergency rope can be fastened to the rider in case there is an emergency. The vehicle will stop automatically when the rider pulls the rope.



**Throttle Limiter**

The throttle limiter is located on the right side of the handlebar, speed limiter can be adjusted to Two-thirds of the normal speed.

### **Tire gauge**

The proper tire pressure can provide the maximum stability and performance.

Check and adjust the tire pressure regularly, to make sure the pressure is correct.

**To find the tire size and standard pressure, please check parameter list and warning label on the vehicle. To find the “Load-bearing” and “speed grade”, please check the tire surface.**

1. Check tire pressure and condition before riding. Please replace the tire if there are any of the following conditions: broken, stabbing or rim is out of shape. **(Please seek assistance from qualified technician or local retailer for replacement.)**

2. Improper tire pressure will result in hazards. Over the standard pressure can cause a flat tire. Lower than the standard pressure can cause sidewall failure, loss of tire bead, or pinched tires resulting in flat tire or loss control of the vehicle.

3. When the tire-tread wear is over 2mm, please replace with a new tire. **(Please seek assistance from qualified technician or local retailer for replacement.)**

### **Operating**

#### **Inspection before riding**

##### **Idling inspection**

1. Stabilize the vehicle and make sure it moves normally and without interference.
2. Check whether the rear shock absorber is deformed or leaking.
3. Hold the vehicle when checking.
4. Repair and replace parts when worn or broken.
5. Contact your local retailer if you are unable to resolve any issues.

##### **Front brake inspection**

Check the front brakes .

1. Front brake handle is mounted on the right side of the handlebars pull the lever making sure the brake is engaging and firm .
2. Check that tire rotation is good after releasing the brake lever
3. Contact the retailer if brake maintenance is needed.

##### **Rear brake inspection**

Check whether the rear brakes

- 1.The rear brake is mounted on the left side of the handlebars pull the lever making sure the brake is engaging and firm .

2.Release the brake lever or foot brake lever quickly and check if the tire rotation is good when the pressure is released.

##### **Brake Maintenance**

1. Contact the retailer if brake maintenance is needed.
2. Inspect the brake shoes/ pads regularly, and replace worn.

**Tool bag inspection**

Check whether tool bag is taken every time before riding.

The tool bag is equipped with basic tools. You can use them when needed.

**Self-protection inspection**

Self-protection inspection is to help ensure a safe and fun riding experience. Please wear the proper protective clothing to ensure your safety.

**Protective clothing consists of these parts below:**



Every check and inspection step above is necessary. Danger exists when riding. Please conform to the above process before riding and operating this vehicle. The warning label on the surface of the vehicle includes important safety information. User must fully understand. This vehicle may cause extreme injury and could even lead to death if the above mentioned procedure is not followed.

**Starting**

Following the steps below to start the engine:

1. Make sure the kill switch is in the ON position.
2. Insert key and turn to the ON position. Check if the fuel tap is open and pull the choke up.
3. Place one hand on the throttle grip of the pull starter and pull gently. Pull a little bit when you feel resistance and then reset and pull again. (Warning: DO NOT pull the starter repeatedly. If the engine fails to start after pulling the starter for 3-4 times, please check the vehicle.)
4. Once the engine is on, push the choke back into the DOWN position.

**Training**

If you don't understand the information, please contact your local retailer to learn from a local professional institution or the retailer.

How you operate the vehicle in the first 2 weeks may affect the vehicle future performance.

During this period, do not run the vehicle at full throttle.

After breakin period, maintain the vehicle according to maintenance. Keep the vehicle in good condition.

Training is necessary. Improper operation will result in damage to the vehicle and can result in serious injuries and death.

If the rider has no safety awareness or riding experience, please operate the vehicle under the supervision of an adult.

**Riding**

Before operating, please review the safety operating information.

1. Pay attention to the brakes working condition at all times.
2. Riding with only one hand is dangerous and forbidden.
3. Turn the throttle slowly. Never turn it suddenly.
4. Release the throttle and use the brake, to make it slow down.
5. Make sure to use both the front brake and the rear brake work at the same time when braking.
6. Do not make dangerous movements while riding to ensure safety.

**Cleaning**

After every ride, the rider should clean the vehicle. Always place the vehicle on flat surface to clean, and then check.

1. High pressure air or water will harm the vehicle.
2. Chain should be always lubed with chain lubricant.

**Storage**

The performance will be reduced if you do not use vehicle for a long time and properly prepare the vehicle. Before storage, vehicle must be checked to ensure it is in a good condition.

1. Clean the vehicle,
2. Clean the chain, and then lubricate it.
3. Lubricate all the cable parts.
4. Drain fuel from carburetor, fuel tank, and turn off fuel valve.
5. Place the vehicle well-packed in a cool ventilated place to avoid damp and sun exposure.

**Transport**

Transporting the vehicle

1. Ensure the vehicle is well protected.
2. Ensure the vehicle is secured properly.
3. Handle with care.

**Delivery**

Delivery of the vehicle

1. Ensure the vehicle is placed properly. Do not turn it upside down or lay it on its side.
2. Ensure the vehicle is secured properly.
3. Handling with care.

**Maintenance**

If you do not understand the information please contact local retailer.

Necessary maintenance is the important to keep the vehicle in good condition. Please maintain the vehicle according to list.




**Engine maintenance:** After Each use, turn off the fuel valve and drain any remaining fuel from carburetor float bowl. This is very important. If not done accordingly, the vehicle will not start when taken out of storage. carburetor may clog or leak.

Maintenance list (Please operate according to maintenance list)

I: Inspection, Maintenance or lubricant replacement C: Cleaning L: Add lubricant

	First week	30days after driving	Each year
Fuel System	I		
Throttle		I	
Air filter	After every ride	After every ride	After every ride
spark plug		I	
carburetor	I	I&C	
chain	I&L	I&L	
Brake pads			
brake system	I	I	I
Nuts and bolts	I	I	
Tire	I	I	I
Steering system			I
suspension system		I	I
Battery (if available)		I	

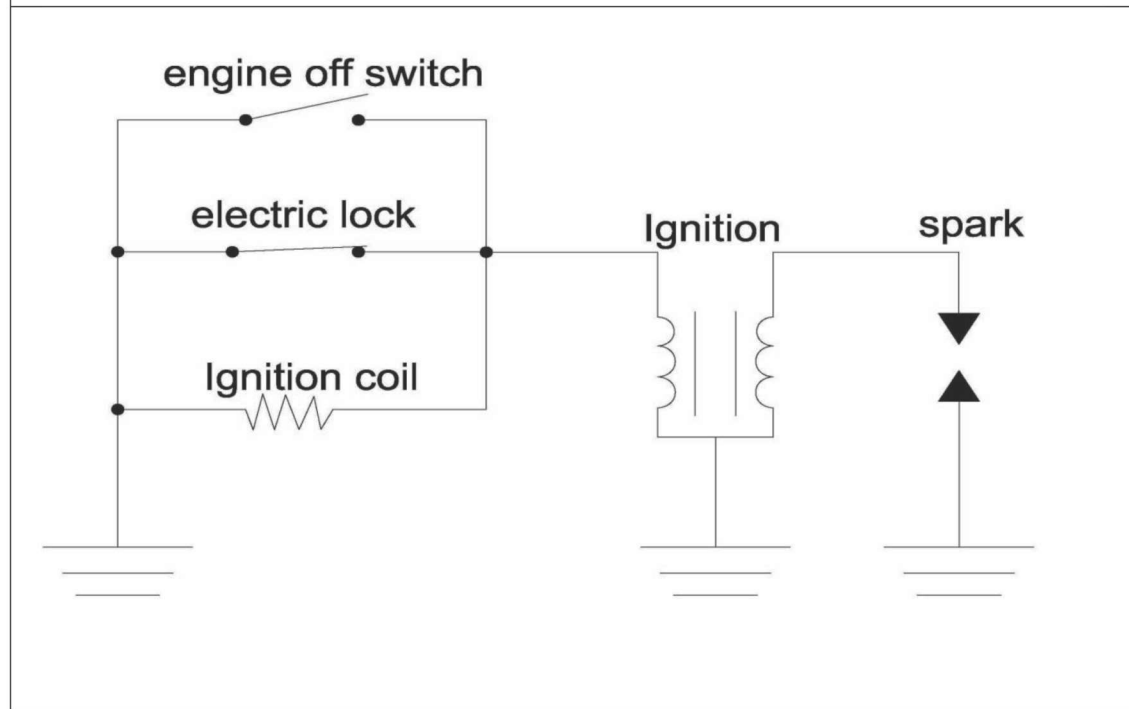


			
PRODUCT NAME	DIRT BIKE	PRODUCT MODEL	X1
LENGTH X WIDTH X HEIGHT (mm)	1200*590*790	ENGINE MODEL	1E44F-6
AXLE BASE (mm)	815	BORE×STROKES	44*33mm
WHEEL BASE (mm)	/	DISPLACEMENT	50.2cc
MIN GROUND CLEARANCE (mm)	200	COMPRESSION RATE	8:1
MIN TURNING CIRCLE RADIUS(mm)	1650	IDLE SPEED (r/min)	2800±150
DRY WEIGHT (kg)	22	MAX POWER (kw/rpm)	1.5/6000
WET WEIGHT (Kg)	26	MAXIMUM TORQUE N.m (r/min)	2.05/6000
MAX WEIGHT CAPACITY(kg)	80	CARBURETOR TYPE	H117A FLOAT (PLUNGER)
MAXIMUM SPEED (Km/h)	36	CLUTCH TYPE	AUTOMATIC CENTRIFUGAL
FUEL TANK CAPACITY (L)	1.72	SPARK PLUG TYPE	BM6A
FRONT/REAR SHOCK ABSORBER TYPE	SPRING	MUFFLER TYPE	IMPEDANCE COMPOUND MUFFLER
FRONT/REAR BRAKE TYPE	DISC BRAKE	STARTING MODE	PULL START
FRONT/REAR BRAKE OPERATION MODE	HAND BRAKE LEVERS/ CABLE	IGNITION MODE	CDI
Max Climb Capacity	≤10°	Seat Height	600
Handlebar Center Height	770	Footrest Ground Clearance Height	240











FRONT/REAR TIRE SPECIFICATION	2.50—10	DRIVE MODE	CHAIN DRIVE
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FRONT/REAR TIRE PRESSURE	248	LUBRICATION MODE	25:1 91#: 2 STROKE OIL MIX
FRONT/REAR RIM TYPE	ALLOY RIM	COOLING MODE	AIR-COOLED
HEADLIGHT SPECIFICATION	N/A	FUEL GRADE	91#
PRIMARY REDUCTION RATIO	3.20	MIXTURE RATIO OF FUEL & LUBRICANT OIL	1:25
FINAL REDUCTION RATIO	4.91	LWA dB(A)	78
DRIVE RATIO	11-58 T8F	VIBRATION(m/s <sup>2</sup> )	1.0

CIRCUIT DIAGRAM



## Installation Screws List

ITEM	Qty	PHOTO	Installation	ITEM	Qty	PHOTO	Installation
Screw M6 x 12	1		Front Fender	Screw M6 x 12	1		Front Fender
Screw M6 x 12	2			Screw M6 x 12	2		
Bolt M6 x 25	1		Front Brake Disc	Bolt M6 x 25	1		Front Brake Disc
Bolt M6 x 25	1		Melt Plate	Bolt M6 x 25	1		Melt Plate
Washer 8x10x17	1			Washer 8x10x17	1		
Washer 6.5x12x1.5	1			Washer 6.5x12x1.5	1		
Bolt M8 x 45	1		Rear Shock	Bolt M8 x 45	1		Rear Shock
nut M8	1			nut M8	1		
Handle bar bracket top	2		Handle Bar	Handle bar bracket top	2		Handle Bar
Bolt M8 x 25	4			Bolt M8 x 25	4		

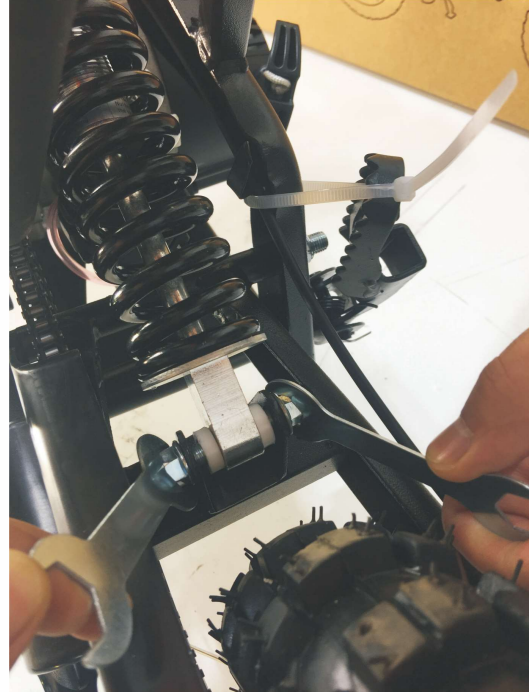


## Installation Instruction

### 1. Open the case and remove all contents



### 2. Rear shock bolt installation



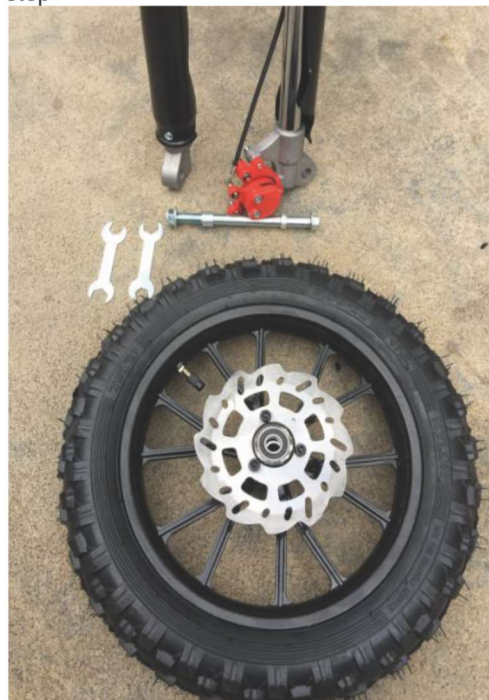
### 3. handle bar installation

Tools (included with shipment) will be used in this step



### 4. front wheel installation

Tools (included with shipment) will be used in this step



## Installation Instruction

### 5. fender/plate installation

A phillips-head screwdriver will be needed in this step



### 6. Decals application

Note: The decals in your shipment may not be the same as shown in these pictures.



### 7. petrol/oil 20-25/1 mix

Use regular 2 stroke oil and 91+ octane fuel.  
Ratio mix should be 1 gal of fuel to 5.5oz of 2 stroke oil.



### 8. Here you go!



Scan the QR code to see  
how to unbox and start your bike!

## Before starting the bike, what do I do ?

1. This 2 stroke dirt bike needs a mixture of gasoline with engine oil by ratio of 25:1. A slightly higher oil concentration is recommended for new vehicles at a mix of 20:1 ratio, this allows for better lubrication and break-in. If the bike is not used for more than 2 weeks, it is recommended to burn or drain the residual fuel in the carburetor to prevent the residual agglomeration after volatilization of the fuel from affecting subsequent normal startup and use.
2. Make sure that the pull rope of the kill switch is always in a retracted state, otherwise, it may not start normally. If you find that the bike is having trouble starting, check to see if the pull rope is loose.
3. Lightly tug on the pull-start cord to start. Pull a little bit when you feel resistance and then reset and pull again. Leave the dirt bike to warm up for about 5 minutes and then you can enjoy your ride.

## The bike can't start :

- If the bike cannot start, check whether the wiring of the kill switch is short-circuited:
  1. Disconnect the red and black connectors, attempt to start by using the pull-start. If the pull-start does not work, this indicates there is problem with the kill switch and it needs to be replaced.
  2. Disconnect the kill switch wiring. If the bike still cannot start, it could be a problem with the carburetor. Please detach and clean the carb and replace the oil. Reattach the carb and attempt to start. If this still does not work, replace the carb.

## The bike can start, but cannot stay running.

- 1. If the bike turns off after starting, this indicates that the idle speed of the engine is too low. To change the idle speed, adjust the bolt of the carburetor by turning it clockwise.
- 2. If after releasing the accelerator the engine is still running at high speed or the bike is still moving forward, please check the following:
  - 1) Check the idle speed by adjusting bolt of the carburetor by turning it counterclockwise to adjust the engine stability.
  - 2) If adjusting the carburetor idle speed screw does not work, please check whether the throttle cable is installed correctly. Double check whether the throttle handle and carburetor port is malfunctioning (for example: the throttle handle does not return, indicating the throttle wire is stuck).

## The engine malfunction:

- Abnormal engine noise: Generally if the reducer, hand puller, or magnetic flywheel is having problems, replace the corresponding accessories.

## What to do if the engine cylinders aren't working:

Normally, if a new bike runs at a high speed without the break-in period, or the ratio of the mixed gasoline with engine oil is too low, the engine may be blown. If the piston is not completely stuck, the bike will refuse to run or lack power when it is turned on, if it is totally stuck, then cylinder, piston, piston ring, piston pin, needle roller, circlip and cylinder paper gasket need to be replaced.

## Front and rear wheel rotation is not flexible:

1. If the front and rear disc brake is stuck:

- 1) Adjust the self-contained bolt of the disc brake so that the disc brake is in the middle position of the disc brake clearance.
- 2) If adjusting the disc brake bolt still has no effect, or the wheel is stuck on the disc brake at a certain point, check if the disc brake is deformed, and replace it.

2. If there is abnormal sound when the wheel rotates: check whether the wheel hub bearing is damaged.

3. If wheels are inflexible:

- 1) Loosen the axle fixing nut until the wheel turns freely (Turn hard, the front wheel turns freely for 2-3 turns, and the rear wheel turns 1 turn).
- 2) Check whether the spacers on the left and right sides of the front wheel hub are reversed.

## Brakes don't stop:

Loosen the brake cable fixing bolt on the disc brake, push the caliper up and tighten the brake cable, then tighten the fixing bolt.

If you have any questions, please feel free to contact us by calling at (855)573-9396, we are always here to help.



## Limited Warranty

Please register your product to get 3 months warranty service at [www.xprousa.com](http://www.xprousa.com).

This warranty does not cover defects resulting from improper or unreasonable use or lack of maintenance. Exclusions include but are not limited to failure to follow operating instructions, accidents, unauthorized alteration or modification from original factory condition and additions of products purchase from unauthorized dealers.

Under certain circumstances, we may require our customer to return the defective warranty part(s) to exchange for new replacement part(s).

New replacement part(s) under warranty will be shipped to buyer at no additional costs. Returning your defective part(s) will ensure we send you the correct part(s) and assist us in monitoring and correcting potential manufacture defects.

## How to make a claim?

In the event damage has occurred to products, you must follow the instructions:

1. Submit a ticket at [www.xprousa.com](http://www.xprousa.com) soon with your order number after you discover a product defect. We will send you a return authorization number. Parts returned to us without a return authorization and accompanying documentation may be refused.
2. In order to get professional solutions from Xprousa, please give a detailed explanation of how the damage occurred.
3. Please attach a video and description of the product. Allowing us to see and hear the problems you are experiencing will help us determine the cause and offer a solution in a timelier manner. Those who send with videos and detailed descriptions will be awarded with 1 additional month warranty service.
4. We will provide customer service based on our warranty and return policy. Any issues, just contact us for more information.

## Other legal rights

This limited warranty gives you specific legal rights, and you also may have other rights that vary from state to state or country to country. Some places do not allow limitations on implied warranties or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Thank you for choosing Xprousa. We hope you enjoy our product.



Toll Free: (855)-573-9396

Website: [www.xprousa.com](http://www.xprousa.com)