

## X-PRO X20

# X-PRO X20 150CC Moped Scooter Instruction Manual

Model: X20 | Brand: X-PRO

## 1. INTRODUCTION

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This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your X-PRO X20 150CC Moped Scooter. Please read it thoroughly before operating the scooter to ensure your safety and the longevity of the product. Keep this manual in a safe place for future reference.

## 2. SAFETY INFORMATION

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Always wear a helmet and appropriate safety gear when operating the scooter. Observe all local traffic laws and regulations. Never operate the scooter under the influence of alcohol or drugs. Ensure all pre-ride checks are performed before each use.

- Always perform a pre-ride inspection.
- Familiarize yourself with all controls before riding.
- Maintain proper tire pressure.
- Do not exceed the maximum weight capacity.
- Ensure proper lighting is functional, especially at night.

## 3. SETUP AND INITIAL ASSEMBLY

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Your X-PRO X20 scooter is shipped partially assembled in a protective crate. Careful unpacking and assembly are required before first use.

### 3.1 Uncrating and Inspection



*Image: The X-PRO X20 Moped Scooter securely packaged within its metal shipping crate, ready for uncrating.*

Carefully remove the outer cardboard packaging and then dismantle the metal frame of the shipping crate. Inspect the scooter for any visible damage that may have occurred during transit. Report any damage to your dealer immediately.



*Image: The exterior cardboard box for the X-PRO X20 Moped Scooter, indicating brand and model.*

### **3.2 Handlebar Installation**

Attach the handlebars to the steering column. Ensure all bolts are tightened to the manufacturer's specifications. Check for free movement and proper alignment.

### **3.3 Mirror Installation**

Screw the rearview mirrors into their designated mounts on the handlebars. Adjust them to provide a clear view of the rear.

### **3.4 Battery Connection**

Locate the battery compartment, typically under the seat. Connect the positive (red) terminal first, then the negative (black) terminal. Ensure connections are secure.

### **3.5 Fluid Checks**

Before starting, check the engine oil level, brake fluid level, and fuel level. Top up as necessary according to the specifications.



*Image: Side view of the assembled X-PRO X20 Moped Scooter, showcasing its design and 13-inch aluminum wheels.*



*Image: Front view of the X-PRO X20 Moped Scooter, highlighting the large headlight and overall front design.*

## 4. OPERATING INSTRUCTIONS

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### 4.1 Starting the Engine

1. Ensure the scooter is on its center stand.
2. Insert the key into the ignition and turn it to the 'ON' position.
3. Squeeze the left brake lever (rear brake).
4. Press the electric start button. If the engine does not start, use the kick-start lever.
5. Allow the engine to warm up for a few moments before riding.

### 4.2 Controls Overview

- **Throttle:** Right handlebar grip. Rotate to accelerate.
- **Front Brake:** Right handlebar lever.
- **Rear Brake:** Left handlebar lever.
- **Headlight Switch:** Controls high/low beam.
- **Turn Signals:** Left handlebar switch.
- **Horn:** Left handlebar button.

## 4.3 Riding Safely

Always maintain a safe distance from other vehicles. Signal your intentions clearly. Be aware of road conditions and adjust your speed accordingly. Avoid sudden braking or acceleration.

## 5. MAINTENANCE

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Regular maintenance is crucial for the performance, safety, and longevity of your scooter.

### 5.1 Daily Checks

- **Tires:** Check pressure and tread depth.
- **Brakes:** Ensure levers operate smoothly and brakes engage effectively.
- **Lights:** Verify headlights, taillights, brake lights, and turn signals are working.
- **Fluids:** Check engine oil and brake fluid levels.

### 5.2 Scheduled Maintenance

- **Engine Oil:** Change every 1,000 km or as recommended in the service schedule.
- **Air Filter:** Inspect and clean/replace regularly.
- **Spark Plug:** Inspect and replace as needed.
- **Brake Pads:** Inspect for wear and replace when necessary.
- **Battery:** Check terminals for corrosion and ensure proper charge.

### 5.3 Cleaning

Clean your scooter regularly with mild soap and water. Avoid high-pressure washers directly on electrical components. Dry thoroughly after washing.

## 6. TROUBLESHOOTING

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This section covers common issues and basic solutions. For complex problems, consult a qualified technician.

Problem	Possible Cause	Solution
Engine won't start	No fuel, weak battery, faulty spark plug, kill switch engaged	Check fuel level, charge/replace battery, inspect/replace spark plug, check kill switch position
Lights not working	Blown fuse, faulty bulb, wiring issue	Check fuses, replace bulbs, inspect wiring connections
Brakes feel spongy	Low brake fluid, air in brake lines, worn brake pads	Check fluid level and top up, bleed brake lines, replace brake pads

## 7. SPECIFICATIONS

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Key technical specifications for the X-PRO X20 150CC Moped Scooter:

- **Model Name:** X20
- **Engine Type:** 150cc, Air-cooled, 4-stroke
- **Number of Wheels:** 2

- **Wheel Size:** 13 Inches
- **Wheel Material:** Aluminium
- **Frame Material:** Aluminium
- **Brake Style:** Rear Braking
- **Age Range:** Adult
- **Manufacturer Part Number:** MC-N023

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please contact your authorized X-PRO dealer or the manufacturer directly. Keep your purchase receipt and scooter's VIN (Vehicle Identification Number) readily available when contacting support.