

HHH X18 150cc Scooter

HHH X18 150cc Moped Scooter User Manual

Model: X18 150cc Scooter

1. INTRODUCTION

Welcome to the HHH X18 150cc Moped Scooter user manual. This document provides essential information for the safe operation, maintenance, and care of your new scooter. Please read this manual thoroughly before operating the vehicle to ensure your safety and to maximize the lifespan of your scooter. Keep this manual in a safe place for future reference.

2. SAFETY INFORMATION

Operating a moped scooter requires attention to safety. Failure to follow safety instructions can result in serious injury or death.

2.1 General Safety Guidelines

- Always wear an approved helmet, eye protection, and protective clothing (gloves, long pants, sturdy shoes) when riding.
- Familiarize yourself with all local and national traffic laws and regulations regarding moped operation.
- Perform a pre-ride inspection before each use, checking tires, brakes, lights, and fluid levels.
- Never operate the scooter under the influence of alcohol or drugs.
- Maintain a safe distance from other vehicles and be aware of your surroundings.
- The maximum weight capacity for this scooter is 270 pounds. Do not exceed this limit.

3. PRODUCT OVERVIEW

The HHH X18 150cc Moped Scooter is designed for efficient commuting and recreational use, featuring a

149cc GY6 engine and automatic CVT transmission. It is equipped with 10-inch aluminum wheels and a front disc brake for reliable performance.



Figure 3.1: Front-side view of the HHH X18 150cc Moped Scooter in red.

3.1 Key Features

- **Engine:** 149cc Fully Automatic GY6 engine.
- **Transmission:** Continuously Variable Transmission (CVT) for smooth acceleration.
- **Wheels:** Upgraded 10-inch Aluminum Wheels.
- **Brakes:** Front Disc Brake.
- **Lighting:** Upgraded LED Lights for enhanced visibility.
- **Suspension:** Front and rear suspension for a comfortable ride.
- **Storage:** Under-seat storage compartment.



Figure 3.2: Detail of the front disc brake system.



Figure 3.3: View of the Continuously Variable Transmission (CVT) cover.

4. SETUP

Your HHH X18 scooter arrives partially assembled and crated. Careful unpacking and assembly are required before first use.

4.1 Unpacking and Initial Assembly

1. **Uncrating:** The scooter is shipped in a protective crate. Carefully remove all packaging materials. Ensure no components are damaged during this process.
2. **Handlebar Installation:** Attach the handlebars securely.
3. **Front Wheel Installation:** Install the front wheel, ensuring the spacer is correctly positioned within the wheel assembly.
4. **Mirror Installation:** Attach the rearview mirrors.
5. **Battery Connection:** Connect the battery terminals. Ensure proper polarity.



Figure 4.1: The HHH X18 scooter as received in its shipping crate.

4.2 Pre-Operation Checks

- **Fluid Levels:** Check engine oil and gear fluid levels. It is recommended to change the factory-filled fluids before initial operation.
- **Tire Pressure:** Verify tire pressure for both front and rear tires according to specifications.
- **Brake Function:** Test both front and rear brakes for proper operation and responsiveness.
- **Lighting:** Confirm all lights (headlight, taillight, brake light, turn signals) are functioning correctly.
- **Throttle Operation:** Ensure the throttle operates smoothly and returns to the idle position when released.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and proper operation of your HHH X18 scooter.

5.1 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) and press the electric start button. If the electric start does not work, use the kick-start lever.
4. Allow the engine to warm up for a short period before riding.



Figure 5.1: Handlebar controls and ignition switch.

5.2 Riding the Scooter

- Once the engine is running, disengage the center stand.
- Gently twist the throttle to accelerate. The CVT transmission will automatically adjust gears.
- Use both front and rear brakes smoothly and simultaneously for effective stopping.
- Signal turns clearly using the turn indicators.
- Maintain a steady speed and avoid sudden maneuvers.

5.3 Fueling

- Use unleaded gasoline with an octane rating of 87 or higher.
- The fuel capacity is approximately 1.4 gallons.
- Always refuel in a well-ventilated area with the engine off.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your HHH X18 scooter.

6.1 Routine Checks

- **Daily:** Check tire pressure, brake function, lights, and horn.
- **Weekly:** Inspect fluid levels (engine oil, brake fluid), chain tension (if applicable), and general condition of the scooter.
- **Monthly/Every 500km:** Change engine oil and gear fluid. During the break-in period, more frequent changes may be beneficial.

6.2 Specific Maintenance Tasks

- **Engine Oil Change:** Drain old oil, replace with recommended scooter engine oil.
- **Gear Fluid Change:** Drain old gear fluid, replace with recommended gear oil.
- **Spark Plug:** Inspect and replace the spark plug as needed. An NGK C7HSA spark plug is a suitable replacement.

- **Valve Adjustment:** Periodically check and adjust valve clearances. Recommended settings are 0.004 inches for intake and 0.005 inches for exhaust.
- **Brake System:** Regularly inspect brake pads for wear and brake fluid level.
- **Tires:** Check for wear, punctures, and proper inflation.



Figure 6.1: Rear wheel and exhaust system.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your HHH X18 scooter.

7.1 Engine Won't Start

- **Check Fuel:** Ensure there is sufficient fuel in the tank.
- **Battery:** Verify battery connections are secure and the battery is charged.
- **Kill Switch:** Ensure the engine kill switch is in the 'RUN' position.
- **Spark Plug:** Inspect the spark plug for fouling or damage.

7.2 Scooter Stalls or Chugs

- **Fuel System:** Check for fuel delivery issues, such as a clogged fuel filter or carburetor problems.
- **Air Filter:** A dirty air filter can restrict airflow. Inspect and clean/replace if necessary.
- **Idle Speed:** The idle speed may need adjustment.

7.3 Dim Turn Signals

- The factory turn signals may appear dim, especially in daylight. Consider aftermarket LED turn signals for improved visibility if desired.
- Check for loose connections or faulty bulbs/LEDs.

7.4 Speedometer Inaccuracy

- The speedometer may display in kilometers per hour (KMH) but be labeled for miles per hour (MPH). Be aware of this discrepancy and adjust your speed interpretation accordingly.

8. SPECIFICATIONS

Feature	Specification
Brand	HHH
Model Name	X18
Engine	150cc Fully Automatic GY6
Transmission	CVT (Continuously Variable Transmission)
Front Tire	3.50-10
Rear Tire	3.50-10
Fuel Capacity	1.4 gallons
Gas Mileage	Approximately 80 mpg
Maximum Weight Capacity	270 pounds
Overall Length	72.8 inches
Overall Width	28 inches
Overall Height	44.4 inches
Seat Height	30.3 inches
Item Weight	250 pounds
Frame Material	Aluminum
Wheel Material	Aluminum
Brake Style	Front Disc
Suspension Type	Front Suspension

9. WARRANTY INFORMATION

The HHH X18 150cc Moped Scooter comes with a **30-day warranty for replacement parts**. Please retain your purchase receipt for warranty claims. This warranty covers manufacturing defects in parts only and does not cover damage due to misuse, accidents, or lack of proper maintenance.

10. CONTACT AND SUPPORT

For technical assistance, parts inquiries, or warranty claims, please contact the seller, SMART DEALS NOW, through your purchase platform. Ensure you have your purchase details and scooter model information readily available.

For general customer support, refer to the contact information provided at the time of purchase or on the HHH brand store page.

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