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› X-PRO Storm DLX 150 Dirt Bike Instruction Manual

X-PRO DB-K16

X-PRO Storm DLX 150 Dirt Bike Instruction Manual

Model: DB-K16 | Brand: X-PRO

1. PRODUCT OVERVIEW

The X-PRO Storm DLX 150 is a robust dirt bike designed for off-road use, featuring a 144.84cc 4-stroke engine and a 4-speed manual transmission. It is equipped with both electric and kick start options, along with 19-inch front and 16-inch rear wheels for enhanced ground clearance and performance.



Figure 1: Side view of the X-PRO Storm DLX 150 Dirt Bike.

2. SAFETY INFORMATION

Always wear appropriate safety gear, including a helmet, eye protection, gloves, and protective clothing, when operating the dirt bike. Ensure all components are securely fastened and in good working condition before each ride. This vehicle is intended for off-road use only. Refer to local regulations regarding vehicle operation.

3. SETUP AND ASSEMBLY

The X-PRO Storm DLX 150 Dirt Bike requires some assembly upon delivery. Follow these steps carefully. It is recommended to have two people for certain assembly tasks.

Video 1: Official X-PRO Storm DLX 150 Dirt Bike Assembly Guide. This video provides a visual walkthrough of the assembly process.

3.1 Unboxing

1. Carefully cut the straps securing the cardboard box.
2. Remove the outer cardboard packaging to reveal the metal frame and the motorcycle.
3. Using appropriate tools, unbolt and remove the metal frame surrounding the motorcycle.
4. Remove all protective plastic wrapping from the motorcycle components.
5. Locate the accessory box containing smaller parts such as mirrors, footpegs, and tools.



Figure 2: The dirt bike secured within its metal shipping crate.

3.2 Handlebar Installation

1. Unwrap the handlebars and position them correctly in the handlebar clamps on the triple tree.
2. Secure the handlebars using the provided bolts and ensure they are centered and aligned.
3. Install the left-side controls (clutch lever assembly, switch cluster) onto the handlebar.
4. Install the right-side controls (front brake lever assembly, throttle assembly, switch cluster) onto the handlebar.

3.3 Wheel and Fender Installation

1. Install the front wheel onto the front forks, ensuring the brake rotor aligns with the caliper. Secure the axle nut.
2. Attach the front fender to the front forks using the designated screws.
3. Install the rear fender and license plate holder assembly to the rear of the frame.

3.4 Exhaust and Footpeg Installation

1. Attach the exhaust heat shield to the exhaust pipe.
2. Install the footpegs and the gear shifter lever.
3. Install the rear brake pedal.

3.5 Electrical Connections and Final Touches

1. Connect the battery terminals, ensuring positive (+) to positive and negative (-) to negative.
2. Connect the wiring for the headlight and front turn signals.
3. Connect the wiring for the rear turn signals.
4. Install the mirrors onto the handlebars.
5. Install the speedometer and connect its wiring.
6. Attach the handlebar pad.
7. Perform a final check of all bolts, nuts, and connections to ensure they are secure.

4. OPERATING INSTRUCTIONS

4.1 Engine Start-up

1. Ensure the fuel tank has sufficient fuel.
2. Turn the fuel valve to the 'ON' position.
3. If the engine is cold, pull the choke lever to the 'ON' position.
4. For electric start, turn the ignition key to 'ON' and press the electric start button.
5. For kick start, turn the ignition key to 'ON' and firmly push down on the kick start lever.
6. Once the engine starts, gradually push the choke lever to the 'OFF' position as the engine warms up.

4.2 Manual Transmission

The X-PRO Storm DLX 150 features a 4-speed manual transmission. The gear shift pattern is typically 1-N-2-3-4 (one down, three up) or N-1-2-3-4 (all up or all down from neutral). Familiarize yourself with the specific shift pattern of your bike before riding.

- **Clutch Operation:** Use the clutch lever on the left handlebar to disengage the engine from the transmission when shifting gears or coming to a stop.
- **Shifting Up:** Roll off the throttle, pull in the clutch, shift up with the gear lever, release the clutch, and roll on the throttle.
- **Shifting Down:** Roll off the throttle, pull in the clutch, shift down with the gear lever, blip the throttle (briefly increase engine RPM), release the clutch.

4.3 Braking

The bike is equipped with disc brakes on both the front and rear wheels. Use both brakes simultaneously for effective stopping. Apply the front brake lever (right handlebar) and the rear brake pedal (right foot) smoothly and progressively.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your X-PRO Storm DLX 150 Dirt Bike.

5.1 Engine Oil

The 144.84cc 4-stroke engine requires regular oil changes. Consult the engine manual for recommended oil type and change intervals. It is advisable to change the oil after the initial break-in period (e.g., first 150 miles) and regularly thereafter to ensure optimal engine life and performance.

5.2 Chain Maintenance

Regularly inspect and adjust the drive chain tension. A loose chain can derail, while a too-tight chain can cause excessive wear on components. Lubricate the chain periodically to reduce friction and extend its lifespan.

5.3 Tire Care

Check tire pressure before each ride. Proper tire pressure ensures optimal handling and tire longevity. Inspect tires for wear, cuts, or punctures. The bike features 19-inch front and 16-inch rear wheels.

5.4 General Inspection

Before each ride, check the following:

- Brake fluid levels and brake function.

- Throttle and clutch cable free play.
- All lights (headlight, taillight, turn signals) are functioning.
- Tightness of all nuts and bolts.
- Suspension components for leaks or damage.

6. TROUBLESHOOTING

This section provides general guidance for common issues. For complex problems, consult a qualified technician.

6.1 Engine Not Starting

- Check fuel level and ensure the fuel valve is open.
- Verify the ignition key is in the 'ON' position.
- Ensure the kill switch is in the 'RUN' position.
- Check battery connections and charge if necessary (for electric start).
- If using kick start, ensure proper technique.

6.2 Poor Performance

- Check tire pressure.
- Inspect the chain for proper tension and lubrication.
- Ensure the air filter is clean.
- Check for any loose connections or damaged components.

7. SPECIFICATIONS

Feature	Detail
Model Name	DB-K16
Engine Type	144.84cc 4-Stroke, Single Cylinder, Force Oil Cooled
Transmission	4-Speed Manual
Start Type	Electric / Kick Start
Front Wheel Size	19 Inches
Rear Wheel Size	16 Inches
Frame Material	Alloy Steel (Perimeter Cradle Type)
Suspension Type	Front, Rear
Brake Style	Disc
Maximum Weight Recommendation	176 Pounds
Minimum User Height	35 Inches

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The X-PRO Storm DLX 150 Dirt Bike comes with a limited 1-month warranty. Please refer to the warranty card included with your product for specific terms and conditions.

8.2 Customer Support

For technical assistance, parts, or service, please contact XPROUSA customer support. As a licensed and authorized powersports manufacturer, XPROUSA is committed to providing reliable support and a wide range of accessories and parts.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question