

X-Pro X27

X-PRO X27 125cc Dirt Bike Instruction Manual

Model: X27 (DB-K007)

1. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating the X-PRO X27 125cc Dirt Bike. Failure to follow these instructions may result in serious injury or death.

- **Protective Gear:** Always wear an approved helmet, eye protection, gloves, sturdy boots, and appropriate riding apparel.
- **Off-Road Use Only:** This dirt bike is designed for off-road use only. It is not legal for use on public roads, streets, or highways.
- **Adult Supervision:** Minors should only operate this vehicle under direct adult supervision.
- **Engine Kill Switch:** Familiarize yourself with the engine kill switch location and operation for immediate engine shutdown in emergencies.
- **Braking:** Understand and practice proper braking techniques using both front and rear disc brakes.
- **California Restriction:** This dirt bike cannot be sold or registered in California.

2. PRODUCT OVERVIEW

The X-PRO X27 is a 125cc dirt bike featuring a 4-stroke, air-cooled engine and a 4-speed semi-automatic transmission. It is built with a durable cradle-type steel tube frame and equipped with 14-inch front and 12-inch rear tires for various terrains. The bike utilizes hydraulic disc brakes for reliable stopping power.

3. SETUP AND ASSEMBLY

The X-PRO X27 dirt bike requires some assembly upon arrival. This typically includes attaching the handle bar brackets, front wheel, front fender, number plate, and connecting the brakes. Refer to the detailed assembly guide provided with your purchase for specific steps and torque specifications.

Cradle Type Steel Tube Frame

Greater strength and rigidity

100W + Vibration Test



Image: The X-PRO X27 features a robust cradle-type steel tube frame, designed for strength and rigidity. This image highlights the frame structure.

14"/12" Big Front/Rear Wheels

Adapt to Various Terrains



Image: The X-PRO X27 is equipped with a 14-inch front wheel and a 12-inch rear wheel, designed to adapt to various off-road terrains.

Front & Rear Disc Brakes

offer superior stopping power, control and reliability in all off-road condition



Image: Close-up view of the front and rear hydraulic disc brakes on the X-PRO X27, providing superior stopping power and control.

3.1 Initial Checks

- **Fluid Levels:** Check engine oil and fuel levels.
- **Tire Pressure:** Ensure tires are inflated to the recommended pressure.
- **Fasteners:** Verify all nuts and bolts are tightened securely.
- **Controls:** Confirm throttle, brakes, and kill switch operate smoothly and correctly.

4. OPERATING INSTRUCTIONS

4.1 Starting the Engine

1. Ensure the fuel valve is open.
2. Turn the ignition key to the 'ON' position (if applicable) and ensure the kill switch is in the 'RUN' position.
3. If the engine is cold, apply the choke.
4. Engage the kick start lever with a firm, swift motion. Repeat if necessary.

5. Once the engine starts, gradually disengage the choke as the engine warms up.

4.2 Shifting Gears (4-Speed Semi-Automatic)

The X-PRO X27 features a 4-speed semi-automatic transmission, meaning there is no manual clutch lever. Gears are shifted by foot.

- **Gear Pattern:** The transmission typically follows a 4-UP pattern (Neutral, 1st, 2nd, 3rd, 4th).
- **Shifting Up:** To shift to a higher gear, lift the shift lever with your foot.
- **Shifting Down:** To shift to a lower gear, press the shift lever down with your foot.
- **Smooth Transitions:** Practice smooth throttle control while shifting to avoid abrupt movements.

4.3 Braking

The bike is equipped with front and rear hydraulic disc brakes. Use both brakes simultaneously for effective stopping. Apply pressure gradually to avoid locking the wheels, especially on loose surfaces.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your dirt bike.

- **Engine Oil:** Check engine oil level before each ride and change according to the manufacturer's schedule (typically every 10-15 hours of operation or as specified in the full service manual).
- **Air Filter:** Clean or replace the air filter regularly, especially after riding in dusty conditions.
- **Chain Maintenance:** Keep the drive chain (#428 Chain) properly tensioned, cleaned, and lubricated.
- **Brakes:** Inspect brake pads and fluid levels regularly. Ensure brakes are functioning correctly.
- **Tires:** Check tire pressure and inspect for wear or damage before each ride.
- **Fasteners:** Periodically check and tighten all nuts, bolts, and fasteners.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your X-PRO X27 dirt bike.

- **Engine Does Not Start:**
 - Check fuel level and ensure the fuel valve is open.
 - Verify the kill switch is in the 'RUN' position.
 - Ensure the spark plug is clean and properly gapped.
 - Check for proper choke application if the engine is cold.
- **Loss of Power:**
 - Inspect the air filter for clogging.
 - Check fuel quality and delivery.
 - Ensure proper chain tension.
- **Brakes Not Effective:**
 - Check brake fluid levels.
 - Inspect brake pads for wear.
 - Look for air in the brake lines (may require bleeding).

For more complex issues, consult a qualified mechanic or contact X-PRO customer support.

7. SPECIFICATIONS

Detailed technical specifications for the X-PRO X27 125cc Dirt Bike.



Image: The 125cc Zongshen brand engine of the X-PRO X27, known for its power and durability.

7.1 Engine/Drive Chain

- **Engine:** 154FMI, 124cc, 4-Stroke
- **Cylinder Arrangement:** Single
- **Cooling System:** Air Cooled
- **Compression Ratio:** 9.0:1
- **Bore x Stroke:** 54 x 54 mm
- **Transmission:** 4-UP Semi-Automatic Clutch
- **Start System:** Kick start
- **Final Drive:** #428 Chain, 14T/41T

- **Carburetor:** JINGKE PZ26
- **Ignition Type:** C.D.I
- **Max Power:** 8.2 Kw/7000 rpm
- **Max Torque:** 9.0 N.m/5000 rpm
- **Max Speed:** 45+ MPH (Dependent on rider weight and road conditions)

7.2 Frame/Body/Suspension/Brakes

- **Frame:** Cradle Type Steel Tube Frame
- **Front Fork:** Telescopic 33*650mm
- **Rear Fork:** Telescopic 33*650mm
- **Front Disc:** Hydraulic Double Piston Caliper, 220mm Disc
- **Rear Disc:** Hydraulic Single Piston Caliper, 190mm Disc
- **Front Tires:** 60/100-14"
- **Rear Tire:** 80/100-12"
- **Exhaust/Pipe:** Steel Pipe with catalyst converter (EPA compliant)

7.3 Capacities/Dimensions

- **Weight Capacity:** 188 lbs
- **Net Weight:** 127.9 lbs
- **Gross Weight:** 154.3 lbs
- **Overall Length:** 60.23"
- **Overall Width:** 28.74"
- **Overall Height:** 39.76"
- **Carton Dimension:** 53 x 15 x 26"
- **Seat Height:** 29.13"
- **Wheelbase:** 41.33"
- **Ground Clearance:** 10.63"
- **Fuel Capacity:** 3.5L / 0.92 Gal

7.4 Safety/Control

- **Engine Kill Switch:** Yes
- **Foot Brake:** Yes
- **EPA Compliant:** Yes

8. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your purchase or contact the retailer/manufacturer directly. Keep your purchase receipt and product serial number readily available for any warranty claims or technical support inquiries.

For further assistance, please contact X-PRO customer support through their official website or the contact information provided at the time of purchase.

