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PACTO Eleven

PACTO Eleven Folding Bicycle User Manual

Model: Eleven | Brand: PACTO

1. INTRODUCTION

Welcome to the PACTO Eleven Folding Bicycle User Manual. This guide provides essential information for the safe assembly, operation, maintenance, and care of your new folding bicycle. Please read this manual thoroughly before using your bicycle to ensure optimal performance and safety.

The PACTO Eleven is designed for convenience and portability, featuring a robust steel frame, 20-inch wheels, and a 3-speed Shimano Nexus gear system. Its quick-fold mechanism allows for easy transport and storage.



Figure 1: The PACTO Eleven Folding Bicycle in its unfolded state, showcasing its design and components.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to local traffic laws and wear appropriate safety gear, including a helmet. Regular maintenance is crucial for safe operation.

2.1 Pre-Ride Checklist

- **Brakes:** Ensure both front and rear V-brakes are functioning correctly.
- **Tires:** Check tire pressure before each ride.
- **Quick Releases:** Verify all quick-release levers (seat post, handlebar, frame hinge) are securely tightened.
- **Gears:** Test gear shifting to ensure smooth transitions.
- **Lights:** Confirm front and rear lights are operational, especially for night riding.
- **Reflectors:** Ensure all reflectors are clean and properly positioned.

2.2 Important Warnings

- Do not exceed the maximum load capacity of 90 kg (198 lbs).
- Avoid riding in adverse weather conditions or on uneven terrain that exceeds the bicycle's design capabilities.
- Always use hand signals when turning or stopping.
- Be aware of your surroundings and other road users.

3. PRODUCT OVERVIEW AND FEATURES

The PACTO Eleven is engineered for urban commuting and travel, offering a blend of durability and convenience.



Figure 2: Key features of the PACTO Eleven, including 3-speed Shimano Nexus hub gears, steel frame, 16kg weight, and two handbrakes.

3.1 Key Features

- **Robust Steel Frame:** Durable and designed for a maximum load of 90 kg.
- **Shimano Nexus 3-Speed Hub Gears:** Provides reliable and low-maintenance gear shifting for various terrains.
- **V-Brakes:** Front and rear V-brakes for effective and safe stopping power.
- **20-inch Wheels:** Compact size for agility and portability.
- **Quick Folding Mechanism:** Folds in approximately 10 seconds for easy transport and storage.
- **Adjustable Components:** Saddle and handlebar heights are easily adjustable for rider comfort.
- **Integrated Accessories:** Equipped with mudguards, lighting, and a rear carrier rack.
- **Pre-assembled:** Delivered 95% pre-assembled for quick setup.

4. SETUP AND UNFOLDING

Your PACTO Eleven bicycle arrives 95% pre-assembled. Follow these steps to prepare it for its first ride.



95% VORINSTALLIERT

Figure 3: The PACTO Eleven is delivered 95% pre-assembled, minimizing initial setup time.

4.1 Initial Unpacking and Inspection

1. Carefully remove the bicycle from its packaging.
2. Inspect for any visible damage during transit. Contact customer support immediately if damage is found.
3. Remove all protective packaging materials.

4.2 Unfolding the Bicycle

1. **Unfold Frame:** Locate the main frame hinge lever (usually in the middle of the frame). Release the safety catch and open the lever. Carefully unfold the frame until it locks into place. Secure the hinge lever and engage the safety catch.
2. **Unfold Handlebar Post:** Locate the handlebar post hinge lever. Release the safety catch and open the lever. Raise the handlebar post to its upright position until it locks. Secure the hinge lever and engage the safety catch.
3. **Adjust Handlebar Height:** Loosen the quick-release lever on the handlebar stem. Adjust the handlebar to a comfortable riding height. Ensure the minimum insertion mark is not visible. Tighten the quick-release lever securely.
4. **Adjust Saddle Height:** Loosen the quick-release lever on the seat post. Adjust the saddle to a comfortable riding height, ensuring your leg has a slight bend at the knee when the pedal is at its lowest point. Ensure the minimum insertion mark is not visible. Tighten the quick-release lever securely.
5. **Attach Pedals (if necessary):** Some models may require pedal attachment. Note that pedals are typically marked 'L' for left and 'R' for right. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise.
6. **Inflate Tires:** Inflate tires to the recommended pressure indicated on the tire sidewall.

After unfolding, double-check all quick-release levers and bolts to ensure they are securely fastened before riding.

5. OPERATING INSTRUCTIONS

5.1 Riding the Bicycle

Familiarize yourself with the bicycle in a safe, open area before riding in traffic. Always maintain control and be prepared to brake.

5.2 Gear Shifting (Shimano Nexus 3-Speed)

SHIMANO
Nexus



Figure 4: The Shimano Nexus 3-speed hub gear system provides smooth and reliable shifting.

- The PACTO Eleven is equipped with a Shimano Nexus 3-speed internal gear hub.
- Shift gears using the twist shifter on the handlebar.
- **Gear 1:** For climbing hills or starting from a stop.
- **Gear 2:** For flat terrain and general cruising.
- **Gear 3:** For higher speeds or downhill riding.
- It is recommended to shift gears while pedaling lightly or when stationary for smoother transitions.

5.3 Braking (V-Brakes)

- The bicycle features front and rear V-brakes, operated by levers on the handlebars.
- The right lever typically controls the rear brake, and the left lever controls the front brake.
- Apply both brakes simultaneously for controlled stopping.
- Avoid sudden, hard braking with the front brake only, especially at high speeds, as this can cause loss of control.

6. FOLDING INSTRUCTIONS

The PACTO Eleven can be folded quickly for compact storage and transport.



Figure 5: The PACTO Eleven folded, demonstrating its portable size (64 x 76 x 35 cm) and quick 10-second folding capability.

1. **Lower Saddle:** Release the seat post quick-release lever and lower the saddle to its lowest position. Re-secure the lever.
2. **Fold Pedals (if applicable):** If your pedals are foldable, push the pedal body towards the crank arm and fold them down.
3. **Fold Handlebar Post:** Release the safety catch and open the handlebar post hinge lever. Fold the handlebar post downwards. Secure the hinge lever and engage the safety catch.
4. **Fold Main Frame:** Release the safety catch and open the main frame hinge lever. Carefully fold the front half of the bicycle towards the rear wheel. Ensure the two halves align and lock together (some models have a magnetic catch). Secure the hinge lever and engage the safety catch.
5. **Check Security:** Ensure all folding mechanisms are securely latched before lifting or transporting the folded bicycle.

The folded dimensions are approximately 64 cm (H) x 76 cm (L) x 35 cm (W).

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your PACTO Eleven.

7.1 Cleaning

- Clean your bicycle regularly with a damp cloth and mild soap.
- Avoid high-pressure washers, as they can force water into bearings and other sensitive components.
- Dry the bicycle thoroughly after cleaning.

7.2 Lubrication

- Lubricate the chain regularly with bicycle-specific chain lubricant, especially after riding in wet conditions.
- Apply a small amount of grease to pivot points of the folding mechanisms and brake levers periodically.

7.3 Brake and Gear Adjustment

- Check brake pad wear and replace them when necessary.
- Ensure brake cables are not frayed and have proper tension.
- If gear shifting becomes rough or inconsistent, the Shimano Nexus hub may require adjustment. Consult a bicycle mechanic if you are unsure.

7.4 Tire Care

- Check tire pressure before every ride.
- Inspect tires for cuts, cracks, or embedded debris.

7.5 Bolt and Fastener Checks

- Periodically check all bolts and fasteners for tightness, especially on the handlebars, seat post, and wheels.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your PACTO Eleven bicycle.

Problem	Possible Cause	Solution
Brakes feel weak or spongy.	Worn brake pads, loose cable, contaminated rim.	Inspect and replace brake pads. Adjust cable tension. Clean rims.
Gears are not shifting smoothly.	Cable tension incorrect, internal hub issue.	Check and adjust gear cable tension. If issue persists, consult a mechanic for hub adjustment.
Tires lose air quickly.	Puncture, loose valve stem, faulty tube.	Inspect tire for punctures, check valve stem, repair or replace inner tube.

Problem	Possible Cause	Solution
Squeaking or grinding noises.	Lack of lubrication, loose components, worn bearings.	Lubricate chain and pivot points. Check all bolts for tightness. Consult a mechanic for bearing issues.

For issues not covered here or if you are unsure about repairs, it is always recommended to consult a qualified bicycle mechanic.

9. SPECIFICATIONS

Detailed technical specifications for the PACTO Eleven Folding Bicycle.



Figure 6: The PACTO Eleven features 20-inch wheels, providing a balance of portability and ride comfort.

Feature	Detail

Feature	Detail
Model	PACTO Eleven
Frame Material	Alloy Steel (Oversized Steel Frame)
Frame Size	27 cm
Wheel Size	20 inches (50.8 cm)
Gears	Shimano Nexus 3-Speed
Brakes	V-Brakes (Linear Pull)
Rims	Double-walled Aluminum Rims
Tires	20 x 1.75
Folded Dimensions (H x L x W)	64 x 76 x 35 cm
Weight	16 kg
Maximum Load Capacity	90 kg
Pre-assembly Level	95%
Included Components	Mudguards, Lighting, Rear Carrier Rack

10. WARRANTY AND SUPPORT

10.1 Manufacturer's Warranty

All PACTO bicycles are covered by a one-year manufacturer's warranty. For electric bikes/e-bikes, a two-year manufacturer's warranty applies. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, spare parts, or warranty claims, please contact PACTO customer support. Refer to your purchase documentation for specific contact details or visit the official PACTO website.

When contacting support, please have your bicycle's model name (PACTO Eleven) and purchase date readily available.