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Technical Precision AX-634F-4

Technical Precision Replacement Battery User Manual

Model: AX-634F-4

INTRODUCTION

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your Technical Precision Replacement Battery, model AX-634F-4. This battery is designed as a direct replacement for KYMCO KB 50 50CC Scooter and Moped batteries. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions when handling and installing batteries:

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Keep batteries away from open flames, sparks, and heat sources. Batteries can produce explosive gases.
- Do not short-circuit the battery terminals. This can cause severe burns, fire, or explosion.
- Keep out of reach of children.
- Do not attempt to open or modify the battery.
- Dispose of old batteries responsibly according to local regulations.
- Ensure the vehicle's ignition is off and the key is removed before beginning installation.

PACKAGE CONTENTS

Verify that all items are present upon opening the package:

- 1 x Technical Precision Replacement Battery (Model: AX-634F-4)



Image: The Technical Precision Replacement Battery, a black rectangular unit with red and white labeling on top, featuring positive and negative terminals.

SPECIFICATIONS

Specification	Detail
Brand	Technical Precision
Model	AX-634F-4
Voltage	12 Volts
Compatibility	KYMCO KB 50 50CC Scooter and Moped
Automotive Fit Type	Vehicle Specific Fit

SETUP AND INSTALLATION

Battery installation can be complex. If you are unsure about any step, it is recommended to seek assistance from a qualified technician.

- Preparation:** Ensure the vehicle's ignition is off and the key is removed. Locate the existing battery compartment, typically under the seat or in a dedicated access panel.
- Disconnect Old Battery:** Using an appropriate wrench, first disconnect the negative (-) terminal cable (usually black), then the positive (+) terminal cable (usually red). Carefully remove any straps or clamps securing the old battery.
- Remove Old Battery:** Lift the old battery out of the compartment. Be mindful of its weight and any residual acid if it's a lead-acid type.
- Inspect Compartment:** Clean the battery compartment of any debris, corrosion, or moisture.
- Install New Battery:** Place the new Technical Precision battery into the compartment, ensuring it fits securely.
- Connect New Battery:** First, connect the positive (+) terminal cable (red) to the positive terminal on the new battery. Then, connect the negative (-) terminal cable (black) to the negative terminal. Ensure all connections are tight and secure.
- Secure Battery:** Reinstall any straps or clamps to hold the battery firmly in place.
- Final Check:** Double-check all connections and ensure no tools or loose items are left in the battery compartment.

OPERATING INSTRUCTIONS

Once installed, the battery is ready for use. For optimal performance and longevity, consider the following:

- **Initial Charge:** While batteries are typically shipped with some charge, it is recommended to fully charge the battery before its first use to maximize its lifespan and performance. Use a charger compatible with 12-volt scooter/moped batteries.
- **Regular Use:** Regular use helps maintain battery health. If the scooter/moped is stored for extended periods, consider using a trickle charger or battery maintainer.

MAINTENANCE

Proper maintenance extends the life of your battery:

- **Keep Terminals Clean:** Periodically inspect battery terminals for corrosion. Clean them with a wire brush and a baking soda solution if corrosion is present. Ensure terminals are dry before reconnecting.
- **Check Connections:** Ensure battery cables are always securely fastened to the terminals. Loose connections can lead to poor performance and damage.
- **Storage:** If storing the scooter/moped for an extended period, disconnect the battery or use a battery maintainer to prevent deep discharge. Store the battery in a cool, dry place.
- **Avoid Deep Discharge:** Do not allow the battery to completely discharge. This can significantly reduce its lifespan.

TROUBLESHOOTING

If you encounter issues with your battery, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Engine does not start or cranks slowly	Low battery charge; Loose or corroded terminals	Charge the battery; Clean and tighten terminals
Lights are dim	Low battery voltage	Charge the battery; Check charging system of vehicle
Battery not holding a charge	Faulty charging system; Battery at end of life	Have vehicle's charging system inspected by a professional; Replace battery if necessary
Corrosion on terminals	Normal chemical reaction; Loose connections	Clean terminals with baking soda solution and wire brush; Ensure connections are tight

WARRANTY AND SUPPORT

This product is manufactured by Technical Precision. For specific warranty details and support, please refer to the terms provided at the time of purchase or contact Technical Precision directly. Amazon's return policy typically allows for returns within 30 days of receipt for a refund or replacement.

For further assistance, please contact the seller or manufacturer through the platform where the purchase was made.

