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> SHOTGUN YT12B-BS Power Sport Battery User Manual

SHOTGUN YT12b-bs-02

SHOTGUN YT12B-BS Power Sport Battery User Manual

Model: YT12b-bs-02

INTRODUCTION

This manual provides essential information for the safe and effective use of your SHOTGUN YT12B-BS Power Sport Battery. This 12V 10Ah AGM (Absorbed Glass Mat) battery is designed for various power sport applications, including motorcycles, ATVs, snowmobiles, and watercraft. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your battery.

SAFETY INFORMATION

WARNING: Batteries contain sulfuric acid and produce explosive gases. Always follow safety precautions.

- Wear eye protection and protective clothing when handling batteries.
- Keep batteries away from open flames, sparks, and smoking materials.
- Ensure adequate ventilation when charging or working with batteries.
- Do not short-circuit battery terminals.
- Keep out of reach of children.
- In case of contact with acid, flush immediately with water and seek medical attention.

PRODUCT OVERVIEW

The SHOTGUN YT12B-BS battery is a sealed, maintenance-free AGM battery. Its design prevents leaks and corrosion, making it a reliable power source for your vehicle.

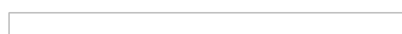


Figure 1: Front view of the SHOTGUN YT12B-BS battery. This image displays the main branding, model number, and the sealed, maintenance-free design.




Figure 2: Angled view of the SHOTGUN YT12B-BS battery. This perspective highlights the battery terminals and overall compact form factor.




Figure 3: Top view of the SHOTGUN YT12B-BS battery. This image provides a clear view of the positive and negative terminal posts, essential for proper connection.




Figure 4: Dimensional diagram of the SHOTGUN YT12B-BS battery. This illustration provides the exact length (5.91"), width (2.72"), and height (5.12") for fitment verification.

SPECIFICATIONS

Feature	Detail
Model Number	YT12b-bs-02
Voltage	12 Volts
Capacity	10 Ah
Cold Cranking Amps (CCA)	210 CCA
Dimensions (L x W x H)	5.91" x 2.72" x 5.12"
Weight	8 pounds
Battery Type	Sealed Lead-Acid (AGM)
Maintenance	Maintenance-Free
Replaces Models	MTX12B-BS, YT12B-BS, EXT12B-BS, GTX12B-BS, UTX12B-BS, PTX12B-BS

SETUP AND INSTALLATION

The SHOTGUN YT12B-BS battery is shipped fully charged and ready for installation. No initial filling or charging is typically required.

Installation Steps:

- Safety First:** Ensure the vehicle's ignition is off and remove the key. Wear appropriate safety gear (gloves, eye protection).
- Locate Battery:** Identify the battery compartment in your motorcycle, ATV, snowmobile, or watercraft.
- Disconnect Old Battery:** Always disconnect the *negative (-) terminal first*, followed by the positive (+) terminal. Carefully remove the old battery.
- Clean Battery Tray and Cables:** Inspect and clean the battery tray and cable terminals to ensure good

electrical contact. Remove any corrosion.

5. **Position New Battery:** Place the SHOTGUN YT12B-BS battery securely in the battery tray. Ensure it is stable and will not shift during operation.
6. **Connect New Battery:** Connect the *positive (+) terminal first*, then the negative (-) terminal. Ensure connections are tight and secure. Do not overtighten.
7. **Secure Battery:** Use any straps or clamps provided by your vehicle manufacturer to secure the battery in place.
8. **Test:** Attempt to start the vehicle to confirm proper installation.

OPERATING INSTRUCTIONS

The SHOTGUN YT12B-BS is an AGM battery designed for reliable starting power. It is maintenance-free, meaning it does not require water additions.

Charging:

While the battery comes pre-charged, occasional charging may be necessary, especially during periods of non-use or if the vehicle's charging system is insufficient.

- Use a smart charger specifically designed for AGM batteries.
- Do not use automotive-style fast chargers, as they can damage the battery.
- For optimal battery life, maintain a charge above 12.4 volts.
- If storing the vehicle for extended periods, use a trickle charger or battery maintainer to prevent self-discharge.

MAINTENANCE

The SHOTGUN YT12B-BS is a maintenance-free battery, but periodic checks can extend its lifespan and ensure optimal performance.

- **Terminal Inspection:** Periodically check battery terminals for cleanliness and tightness. Clean any corrosion with a wire brush and a mixture of baking soda and water. Rinse with clean water and dry thoroughly.
- **Battery Case:** Inspect the battery case for any signs of damage, cracks, or swelling. A damaged case can indicate internal issues.
- **Voltage Check:** Use a voltmeter to check the battery's resting voltage. A fully charged 12V battery should read approximately 12.6-12.8 volts.
- **Storage:** If storing the battery or vehicle for an extended period (over 30 days), disconnect the battery from the vehicle and store it in a cool, dry place. Charge it fully before storage and periodically check its voltage, recharging if it drops below 12.4 volts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine cranks slowly or not at all	Low battery charge; Loose or corroded terminals; Faulty charging system; Battery failure	Charge battery; Clean and tighten terminals; Inspect vehicle's charging system (alternator/regulator); Replace battery if faulty.
Battery not holding a charge	Parasitic drain; Faulty charging system; Sulfation; Internal short circuit	Check for electrical drains; Inspect charging system; Battery may need replacement if sulfated or shorted.
Corrosion on terminals	Loose connections; Overcharging; Acid leakage (unlikely with sealed AGM)	Clean terminals thoroughly; Ensure connections are tight; Check vehicle's charging voltage.
Battery case appears swollen or cracked	Overcharging; Excessive heat; Physical damage	Immediately disconnect and replace the battery. This indicates severe internal damage and a potential safety hazard.

BATTERY DISPOSAL

Batteries contain hazardous materials and must be recycled. Do not dispose of batteries in household waste.

- Return spent batteries to an authorized battery recycling center or retailer.
- Check with your local waste management authority for specific disposal guidelines in your area.

WARRANTY AND SUPPORT

Specific warranty details for the SHOTGUN YT12B-BS battery are not provided in this manual. Please refer to the product packaging or the point of purchase for warranty information.

For technical support or inquiries, please contact SHOTGUN customer service through their official channels or the retailer from whom the product was purchased.