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› Odyssey Extreme Series AGM Battery PC925 Instruction Manual

ODYSSEY PC925

Odyssey Extreme Series AGM Battery PC925 Instruction Manual

Model: PC925 (Part Number: ODYODS-AGM28L)

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1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Odyssey Extreme Series AGM Battery, Model PC925 (Part Number: ODYODS-AGM28L). This Absorbed Glass Mat (AGM) battery is designed for high-performance applications, offering reliable power and extended cycle life. Please read this manual thoroughly before installation and operation to ensure proper handling and longevity of your battery.



Figure 1: Odyssey Extreme Series AGM Battery PC925 with threaded top terminals.

2. SAFETY INFORMATION

WARNING: Improper handling of batteries can lead to serious injury or damage. Always follow these safety precautions:

- **DANGER/POISON:** Batteries contain sulfuric acid, which can cause severe burns. Avoid contact with skin, eyes, or clothing. In case of contact, flush with water and seek medical attention immediately.
- **EXPLOSIVE GASES:** Batteries generate hydrogen gas, which is highly flammable and explosive. Keep sparks, flames, and smoking materials away from the battery. Ensure adequate ventilation when working with batteries.
- **ELECTRICAL SHOCK:** Do not short-circuit battery terminals. Always disconnect the negative terminal first when removing, and connect the positive terminal first when installing.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when handling batteries.
- Keep out of reach of children.

3. PRODUCT FEATURES

The Odyssey Extreme Series AGM Battery is engineered for demanding applications, offering superior performance

and durability:

- **Advanced AGM Technology:** Utilizes Absorbed Glass Mat technology for enhanced performance and safety.
- **Extended Cycle Life:** Provides up to 70% longer cycle life compared to conventional deep cycle batteries.
- **High Stable Voltage:** Delivers high stable voltage for longer periods, ensuring consistent power output.
- **Robust Construction:** Designed to be vibration resistant and tolerant of extreme temperatures, making it suitable for various environments and applications, including heavy towing and off-road vehicles.
- **Maintenance-Free:** Sealed, non-spillable design eliminates the need for watering.

4. INSTALLATION GUIDE

Follow these steps carefully to install your Odyssey Extreme Series AGM Battery:

4.1. Tools Required

- Wrench or socket set (typically 10mm and 12mm for terminals).
- Battery terminal cleaner (wire brush).
- Anti-corrosion grease or terminal protectors.
- Personal Protective Equipment (PPE): Safety glasses and gloves.

4.2. Preparation

1. Ensure the vehicle's ignition is off and all accessories are disconnected.
2. Locate the existing battery in your vehicle.

4.3. Removing the Old Battery

1. Using the appropriate wrench/socket, **first disconnect the negative (-) terminal cable** (usually black) from the old battery. Secure the cable away from the battery to prevent accidental contact.
2. Next, **disconnect the positive (+) terminal cable** (usually red) from the old battery and secure it.
3. Remove any battery hold-down clamps or brackets securing the old battery.
4. Carefully lift and remove the old battery from the battery tray. Be mindful of its weight.
5. Clean the battery tray and terminal cables thoroughly to remove any corrosion or debris.

4.4. Installing the New Odyssey Battery

1. Place the new Odyssey Extreme Series AGM Battery into the clean battery tray. Ensure it sits securely.
2. Secure the battery with the hold-down clamps or brackets. Ensure the battery is firmly in place and cannot move.
3. **First, connect the positive (+) terminal cable** to the positive terminal of the new battery. Tighten the connection securely, but do not overtighten to avoid damaging the terminal.
4. Next, **connect the negative (-) terminal cable** to the negative terminal of the new battery. Tighten the connection securely.
5. Apply anti-corrosion grease or place terminal protectors over the battery terminals to prevent corrosion and ensure optimal conductivity.

ODS-AGM28L RIGHT POSITIVE FEMALE TERMINAL

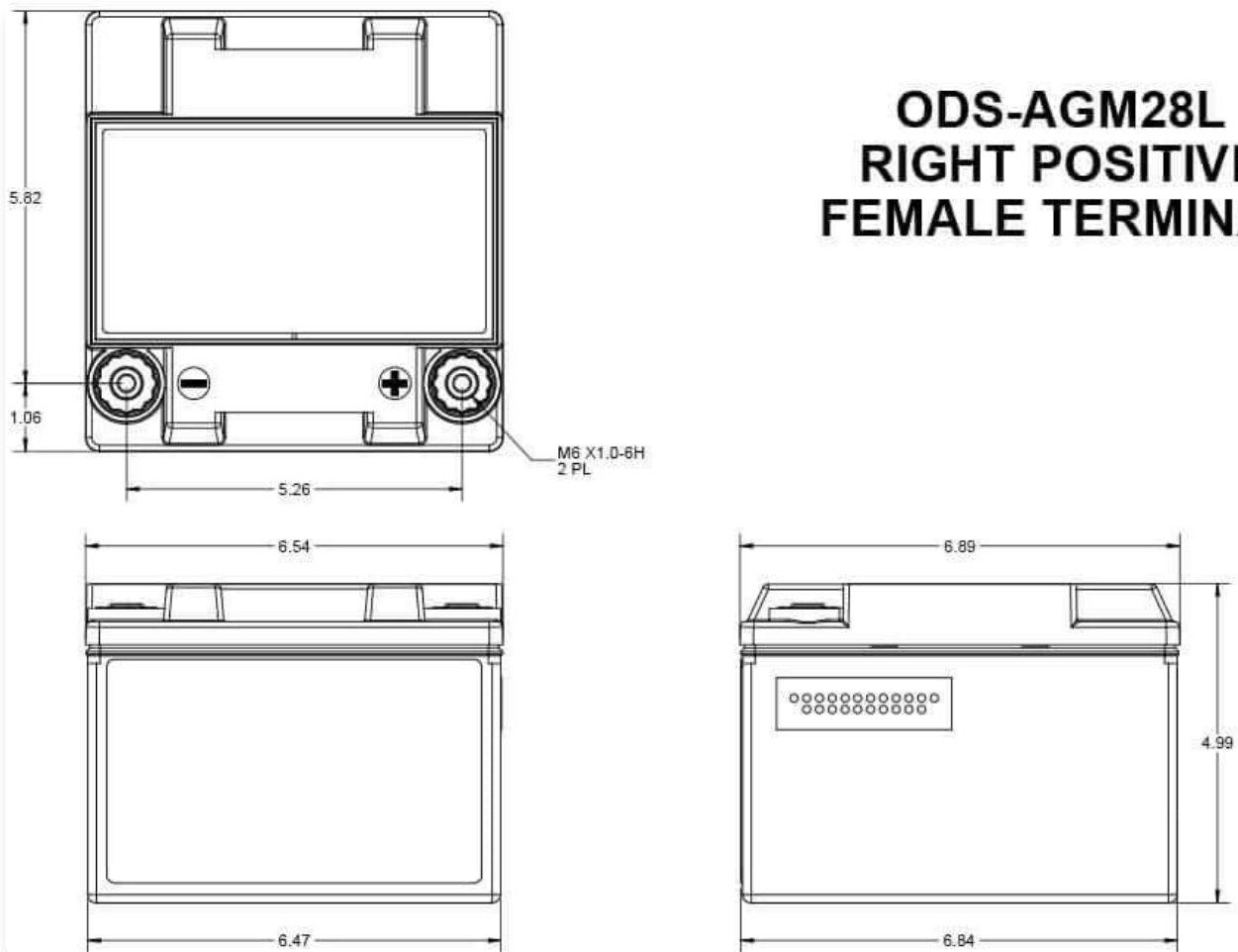


Figure 2: Dimensional drawing of the Odyssey Extreme Series AGM Battery (ODS-AGM28L), showing approximate dimensions of 6.47 inches (L) x 6.89 inches (W) x 4.99 inches (H).

5. OPERATING INSTRUCTIONS

The Odyssey Extreme Series AGM Battery is designed for immediate use after proper installation. It provides reliable starting power and deep cycle capabilities.

- **Starting:** The battery delivers high cold cranking amps (CCA) for quick and efficient engine starts.
- **Charging:** For optimal performance and longevity, ensure your vehicle's charging system is functioning correctly. If using an external charger, use one compatible with AGM batteries and follow the charger's instructions.
- **Deep Cycle Use:** This battery is suitable for deep cycle applications, providing sustained power for accessories. Avoid excessively deep discharges to maximize battery life.

6. MAINTENANCE

While Odyssey AGM batteries are largely maintenance-free, periodic checks can help ensure optimal performance and extend their lifespan:

- **Terminal Inspection:** Periodically check battery terminals for cleanliness and tightness. Clean any corrosion with a wire brush and baking soda solution, then rinse with water and dry thoroughly. Reapply anti-corrosion grease.
- **Battery Case:** Keep the battery case clean and dry. Wipe away any dirt or moisture.
- **Storage:** If the vehicle will be stored for an extended period, disconnect the battery or use a compatible battery maintainer to prevent self-discharge. Store in a cool, dry place.

- **Fluid Levels:** As an AGM battery, it is sealed and does not require checking or refilling of fluid levels.

7. TROUBLESHOOTING

If you encounter issues with your Odyssey battery, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine cranks slowly or not at all	Low battery charge, loose or corroded terminals, faulty starter.	Check battery charge and recharge if necessary. Clean and tighten terminals. Inspect starter.
Dim headlights or interior lights	Low battery charge, faulty alternator.	Check battery charge. Test alternator for proper function.
Battery not holding a charge	Faulty charging system, parasitic drain, aged battery.	Inspect charging system. Check for electrical components drawing power when the vehicle is off. Consider battery replacement if it's old.

If problems persist, consult a qualified automotive technician.

8. SPECIFICATIONS

Feature	Detail
Brand	ODYSSEY
Model	PC925
Item Model Number	ODYODS-AGM28L
Battery Type	AGM (Absorbed Glass Mat)
Voltage	12V
Cold Cranking Amps (CCA)	330 CCA
Reserve Capacity	48 minutes
Terminal Type	Threaded Top Terminals (M6)
Item Weight	24.5 pounds
Product Dimensions (L x W x H)	6.6 in L x 6.9 in W x 5 in H
UPC	635241141023

9. WARRANTY AND SUPPORT

For detailed warranty information regarding your Odyssey Extreme Series AGM Battery, please refer to the official warranty documentation provided with your purchase or visit the Odyssey Battery website. For technical support or further assistance, please contact Odyssey customer service through their official channels.

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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