

Can a Mercury engine use a lithium iron phosphate battery?

As of 9/26/2022, Mercury has issued Service Bulletin 2022-19 stating that the listed engines will be permitted to use a Lithium Iron Phosphate Battery that is designed for engine cranking, as long as it meets the listed specifications: -2.1L 75-115hp Fourstroke, ProXS and SeaPro Models -3.0L 150hp Fourstroke, ProXS and SeaPro

What is a marine starting battery?

A marine starting battery provides a quick and powerful burst of energy over a short period of time to start the engine and is designed to be rapidly recharged by the engine's alternator. A starting battery should not be used to power a trolling motor or other onboard accessories.

Does Mercury void a warranty if a lithium ion battery is used?

Mercury will not void a warranty if a lithium iron phosphate dedicated cranking battery is used. This comes right from a dealer who services Mercury as well as sells and installs lithiums. Note the words "Lithium Ion"; Not LiFePo4...lithium ion is a very unstable chemistry. Lithium iron phosphate is super stable.

Why do batteries need distilled water?

Regular tap water introduces minerals that can clog the battery plates. Choosing the right water is essential for effective battery maintenance and to extend its life and performance. Lead-acid batteries require distilled water.

How long does a marine starting battery last?

Expect to get four to five seasons of life from a conventional lead-acid marine starting battery that has been well-maintained and not subjected to excessive vibration or impact in rough water by being properly secured in the boat. A load test is the best way to gauge the health of a battery that has seen a few seasons of use.

Can I use a lithium ion battery for a Mercury outboard?

See the update at the bottom of this post! Service Bulletin 2021-06 (No Lithium Ion Batteries are to be used as Starting Batteries for Mercury Outboard or Mercruiser Sterndrive products). This is both for safety reasons and warranty issues, and is clear and unambiguous that only AGMs are acceptable for modern Mercury outboards.

Javelinman wrote: ? Sat Sep 03, 2022 5:57 am Does anyone know what the issues are with Mercury saying no to lithium batteries. I've read the service bulletin and it seem intentionally ...

8 Examples of How Mercury Boosts Fuel Economy; Spring Commissioning Checklist: Get Your Boat Ready for the Water ... Fight Water Spots with Mercury All-In-One Spotless Shine ... arm ...

Yes, Mercury outboards can charge the battery if they have an electric start. While the motor operates, it replenishes the battery's power. However, deep cycle batteries ...

The Strio Mercury vape battery is perfect for wax or oil and has a lot of awesome features making this a very fun piece to use. Let's just start with the light show. A different color for the 4 different voltage settings that lights up the whole ...

4 Mercury- Zinc and other Mercury Types of Battery Mercury batteries have an appreciably higher energy-to-weight ratio than carbon-zinc batteries, resulting from the high energy density of the ...

Sulfidic hot springs harbor unique microbial communities and are important in mercury (Hg) species transformations, although the fine scale drivers of these processes remain poorly ...

Powering a trolling motor is a job for a traction battery. Semi-traction batteries - A semi-traction battery is a dual-purpose solution that can be used for starting or cyclic applications. A ...

Each battery should be secured within a battery tray. The battery tray base should be screwed or bolted to the boat and have either a rigid bracket or a locking strap to secure the battery to the base. A loose battery can cause a short if it's ...

Spring-water temperatures are noticeably lower than ambient temperatures in summer and higher in winter due to the temperature of groundwater emerging from any ...

Yes, you can use a lithium battery in a Mercury outboard. However, there are specific considerations to ensure compatibility and safety. ... This rapid charging capability ...

1. Remove battery from its installation as soon as possible and remove all grease, sulfate and dirt from top surface by running water over top of battery. Be sure, however, that vent caps are ...

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