ODYSSEY®
BATTERY

Technical Bulletin

Installing ODYSSEY® PC925L battery in 4 Stroke Sea-Doo® PWC

Scope:

The 4 Stroke Sea-Doo® Personal Watercraft (PWC) OEM battery is referred to by model number YB30CL-B, with dimensions of 6.625"L x 5.188"W x 7.563"H. The replacement ODYSSEY® battery is model PC925L. However, due to the different physical dimensions and the fact that it must be mounted in a different orientation, the ODYSSEY PC925L battery is not a direct replacement.

The ODYSSEY PC925L battery must be mounted on its back side, and in this position, measures 6.50"L x 5.08"W x 6.92"H. Since the ODYSSEY battery is .64" shorter in height, a spacer – made of wood, plastic or hard rubber stock – is required to be placed on the top of the battery and below the hold down bracket. This spacer is to be supplied by the battery installer.

See the ODYSSEY® PC925L battery installed with a spacer made of wood in the photos below.

Benefits of the ODYSSEY® PC925L battery vs. conventional batteries:

- 12-year design life. To maximize the life of the ODYSSEY PC925L battery, keep it properly charged and prevent it from being deeply discharged for longer than 24 hours. Disconnect the negative cable for extended storage. ODYSSEY batteries have a 24-month storage period at 77°F (25°C) or to 12.2V at 50% State Of Charge (SOC) before charging is required. Fully recharge the battery before placing it into service or continue storage for another cycle.
- The ODYSSEY battery can remain in the PWC during winter storage, will loose very little charge during the storage period and will not freeze.
- The sealed Absorbed Glass Mat (AGM) ODYSSEY battery is classified as non-spillable by the US Department of Transportation (USDOT). The non-spillable design allows mounting on any side, in any position (except inverted) with no terminal or external corrosion.
- The 12-Volt ODYSSEY PC925L has 330 Cold Cranking Amps (CCA), Reserve Capacity of 48 minutes and 900 Pulse Hot Cranking Amps (PHCA) at room temperature for the first 5 seconds, which is 3 to 5 times that of conventional batteries.

Unlike CCA and MCA the Pulse Hot Cranking Amp (PHCA) rating does not have an "official" definition; however we believe that for true SLI purposes, a 30-second discharge is unrealistic. The PHCA, a short duration (about 3-5 seconds) high rate discharge is more realistic. Because the discharge is for such a short time, it is more like a pulse.

In the orientation of the ODYSSEY® battery (see photo at left), the cable connection is at the top side of the battery whereas the standard OEM battery cable connection is at the top.

For additional information, visit **www.odysseybattery.com**

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