



PLEASE READ FULLY BEFORE INSTALLATION: *If you ride on rough roads or gravel and want to quiet your pack's zipper pulls, for info on installing the optional low-profile zipper dampeners (inside small ziplock bag) go to: darkspeedworks.com/zippertips.htm*

When installing your Speedpack 483D, the mounting screws and washers should already be in place on the pack, ready for mounting. (If not, take each screw and first put on the small metal washer and then add the large nylon washer; all of the included washers must be used for proper installation of the pack. Then, from the inside of the pack, insert the screws with their associated washers through the holes in the plastic pack insert and then through the holes in pack's rubberized bottom panel.) Before mounting the pack, **very lightly** oil the screw threads without getting oil on the Speedpack. Next, use a 4mm allen key to install the pack's screws into your bike's top tube storage bosses. Tighten the two mounting screws so they are snug, but do NOT over-tighten them.

IMPORTANT -- Tightening Force: Do not over-tighten the Speedpack's mounting screws. While the Speedpack's superlight 7075 alloy screws are very strong, using excessive tightening force can strip your bike's mounting bosses and damage your bike frame. You should not have to use high levels of tightening force to install the screws and they only need to be "firmly snug" to hold the Speedpack securely. However, if your bike manufacturer has a suggested or recommended torque for the top tube storage bosses, then use that number as your **maximum** torque limit.

IMPORTANT -- If You Have a Problem: If one or both of your frame's top tube storage bosses prevent the Speedpack's screws from threading in easily, **STOP** and do NOT forcibly tighten the screw into the hole. Instead, fully remove the Speedpack and then use a steel M5 metric screw to test the problem boss. With the Speedpack off, and without using excessive force, try to screw the steel M5 screw into the frame's problem storage boss. If the screw goes in easily and fully and clears out the obstruction, remove the steel screw, and then mount the Speedpack normally using its included aluminum screws. However, if the steel screw resists going in easily or requires significant force to tighten, do NOT continue to tighten it. Forcing a screw into a blocked or poorly-threaded storage boss on your frame may result in permanent damage to your bike. Instead, **STOP** and take the bike to your dealer and ask them to troubleshoot the problem.

After you have installed your Speedpack, take your bike out for a few test rides, checking each time to ensure that the pack is still securely mounted. After each test ride, use a 4mm allen key to check that the mounting screws are still "firmly snug", but again being very careful to avoid over-tightening them.

The Speedpack 483D is best used to carry lighter and frequently used items such as gels, nutrition, a wallet or ID, a spare tube, etc. Avoid using the pack to carry heavy items like bulky metal tools, etc. Avoid filling the pack with so much cargo that its exterior shape becomes distorted. The Speedpack 483D is designed to mount to a bike frame's integrated top tube storage bosses. Using this pack on frames without top tube storage bosses or mounting the pack in other locations on your bike risks damage or loss of the pack and may present a hazard to the rider.

SP 483D