

MOUNTAIN MASTER Mountain Bike TD

Instructions and Maintenance

Installation: Remove all or part of the normal bicycle hand grip from the handlebar so that the Ball-Pedestal can be mounted in a position replicating where the center of the normal hand would grip the bar. The bracket is high strength aluminum held on by four machine screws. Apply “Blue” lock adhesive to the threads of the screws and tighten them firmly.



Do not over-tighten & refer to any manufacturer's guidelines as to the torque specs on handlebar mounted accessories to ensure that you do not damage the bars!

Experiment with the angle that you mount the Ball-Pedestal. It should be mounted from vertical to slightly forward depending upon your comfort and control needs. You should be able to snap the Master down over the ball easily and pull it up and off the Ball-Pedestal to release your control. *The more it is rotated forward the harder it will be to release from the bars!* You also want to be able to pull back on the bars to enable climbing over obstacles without the Master releasing its grasp on the Ball-Pedestal. *Ride carefully and experiment with different positions until you can get the kind of performance and safety that matches your riding skills.*



The Mountain Master should be tightly mounted to the prosthesis allowing slight but not easy rotation of the prosthesis while riding. Do not necessarily “lock it” down in only one position unless you are totally comfortable with your control and release of the handlebars. Under certain angles the Master will actually pry off the Ball-Pedestal under load. Providing some minor rotation of the TD at the wrist, under load provides for reduced twisting of the prosthesis and arm during a spill should you not be able to release the TD from the bars.

WARNING! The attachment and release of the MOUNTAIN MASTER to the bike is

RIDER CONTROLLED ONLY!

This system does not provide the rider with any semi-automatic or automatic release from the handlebars.

Adjustment: The Mountain Master can be adjusted for tension and ease of attachment and detachment from the Ball-Pedestal. The Master is shipped with the “Hole or Aperture” in a neutral, low resistance, easy slip on-off diameter. By tensioning the stainless fastener (On the left side-illustrated) clock-wise the hole will be compressed and the fit on the Ball-Pedestal will be tighter. **CAUTION! TRS recommends leaving the tensioning system in the “factory setting” unless the rider is capable of manipulating the system safely under higher tension. Tightening the system too much can endanger the rider and their ability to release from the Ball-Pedestal.** Turning the fastener counter-clockwise will re-loosen the system by enlarging the hole diameter BUT ONLY BACK TO THE FACTORY SETTING.



LEFT SIDE ILLUSTRATED

Maintenance: The Mountain Master is molded from strong polyurethane rubber. It does not require much maintenance. Wash with mild soap and water. Avoid chemical exposure to acetone and other strong solvents and do not leave exposed for storage or long periods of time in direct sunlight due to the potential degradation of the polymer-rubber by excessive UV rays. Always inspect the Ball-Pedestal mount before riding to ensure its mounting and structural integrity.

Other Features: The Mountain Master has an external shape and features that are designed to help manipulate and carry your bike when necessary. The soft flexible hook grapples tube surfaces for carrying. The curved indentation-recess on the front allows the rider to stabilize the prosthesis while off the Ball – Pedestal by pressing onto the handlebars with a ninety degree rotation of the forearm or TD.



Please send us pictures or videos of yourself using the Mountain Master that we might share with others.