



**HEAD RUSH TECHNOLOGIES WHITE PAPER**

# PROCEDURE TO TIGHTEN TRUBLUE WEBBING STACK

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## **WHEN AND HOW TO TIGHTEN TRUBLUE AUTO BELAY WEBBING STACK**

Immediately after every webbing inspection or webbing replacement event in which the webbing in a TRUBLUE Auto Belay becomes fully extended, it is highly recommended that you perform the following procedure to properly tighten the internal webbing stack before returning the device to circulation.

1. Complete the webbing inspection or replacement as usual.
2. As the webbing line is retracting back into the TRUBLUE Auto Belay, tug on the webbing every 1-2 meters to ensure that the internal webbing stack is taut.
3. For the best results, tug more frequently at the beginning of the procedure, as this will result in a tighter webbing stack.

During the course of normal climbing activities, the regular movements of auto belay users will prevent the webbing stack from loosening. It is only immediately after a webbing inspection or replacement that the above procedure is required.

## **WHY IS IT IMPORTANT TO TIGHTEN THE WEBBING STACK?**

Following a webbing inspection or replacement, the initial user of the device may experience a slower-than-anticipated catch or momentary lurch before the eddy current braking system fully engages and lowers the user to the ground at the standard rate of descent. **This is not a safety concern, nor does it indicate that the TRUBLUE Auto Belay is in any way malfunctioning.** What the user is experiencing is the result of a loose webbing stack.

When a user begins their descent on a loose webbing stack, the introduction of their weight on the end of the webbing line can tighten the internal webbing, resulting in a slower-than-anticipated catch or lurch. While this does not pose any risk to the user, it can be startling and detrimental to the overall experience.

By including the simple tightening procedure (detailed above) as a part of your routine maintenance, you can pre-tighten the webbing stack inside your TRUBLUE Auto Belay in a matter of seconds, quickly and easily avoiding any issues.