

How to assemble beds on a DMT

July 2026

Eurotramp Ultimate frames have 2 corner rings and 50 spring attachment points/side. (104 springs)

Rebound frames have 2 corner chain links and 51 spring attachment points/side. (106 springs.)

Eurotramp 6mm beds are clipped to use 52 springs per side. Two springs go on each of the 24 metal wiggly bars that the customer has to install, (which will fall out if the bed is removed) and 2 springs on each metal ring.

Rebound's long lasting string beds are made for use with 52 or 53 springs/side. The springs are attached to light weight strong plastic bed clips which are permanently attached to the bed. These will not fall off when beds are switched.

The Original Eurotramp system for 13mm beds on a Eurotramp 190 frame was....

- 51 springs/side, with the dismount chain link only used for the shock cords.
- 3 springs on the dismount ring, 2 on mount ring, and 46 on remainder of bed.
- 2 Corner springs/side placed #1 and #4 from dismount.

This was a sensible system as it had more tension at the dismount end of the bed where it was needed. (Only 23 bed anchor bars)

Current system used for Ultimate 6mm beds on a Eurotramp frame.

- 52 springs/side, with all attachment points used.
- 2 springs/ring and 48 on the remainder of bed.
- 2 Corner springs/side placed #1 and #52, to the rings. Also on the rings is one standard spring at #2 and #51.

This system is symmetrical. The DMT is not. Landings on the red zone at the start of the mount are rare. Athletes who land there will usually stop. Extra tension is more important at the dismount end of the bed.

System for Rebound string beds on a Eurotramp Ultimate DMT frame.

- One standard spring is supposed to be on the end rope at each corner. This helps get tension to the very ends of the bed. These standard springs go to the frame attachment points on the frame where Eurotramp would place their corner springs. These are the corner-most holes which make the spring a bit shorter than the normal holes. These end rope springs should be installed first. Careful not to pull the end rope out of the bed! If installing with one person, put a spring on each end of the end rope, then hook one to the frame and after that go to the other side to pull the spring-end rope/bed-spring assembly onto the other side of the frame. If you have a helper you could carefully symmetrically pull the two springs on.

Note that on a Rebound frame the first plastic bed clip at the dismount end with 3 holes would normally hold two springs. For frames made for 52 spring per side, we put a corner spring in this clip, and also on the clip next to it. That clip is a smaller triangular

clip. Hence the needed extra tension at the dismount end of the bed is achieved. (The corner springs at mount end are not really needed.)

- The corner springs normally go on the smaller triangular shaped plastic clips. There are only two of these per side, near the corners. (If you are short of corner springs using a regular spring on the mount end is not a big problem. Slightly safer if you have them.)

If the entire bed is to be installed by one person, after installing the end rope springs, do not pull the bed sideways on the end ropes by installing the springs on the bed clips near the corners right away. Instead go to the mount end of the frame. The first clip in the central red zone should be clip #17. Attach one spring on each side from that clip to the appropriate frame hole. Then attach every second spring moving only away from the mount for the rest of the central red zone and then keep going. Alternate sides so you don't over-stretch springs. This means by the time you get to the corners the bed is held in the centre of the frame. Of course it is far faster with a partner working opposite you.

Once all the springs are on. Install the bungee cord. A pair of vice grips is great help. It can become an "extra hand" to maintain the tension in the cords you have already wrapped, and to create some slack to make the final knot. Then wrap the bungee cord bundle to the end rope, effectively attaching it to the bed. One end at a time.

Finally add the pad lifters and the frame pads. All done!

Note Rebound has developed a system so beds can be swapped faster. Each end bungee is made in 3 parts with an extension hook on each. These stay wrapped to the bed. A normal person should be strong enough to pull each bundle onto the frame ring, one at a time. Get both ends of each bundle attached, before starting the next bundle.