

Installation of suspension straps and lines in a carabiner (shackle)

Step 1 – We take the shackle apart before installation of suspension straps. We gradually put each loop of suspension straps on the shackle, see picture no. 1.

The secured straps must be routed so that they do not tangle, form knots or get caught.



Picture no. 1

Step 2- We put each loop of suspension straps this way: we put on the loop of middle strap the loop of right and then left strap, see pictures no.2 and no.3

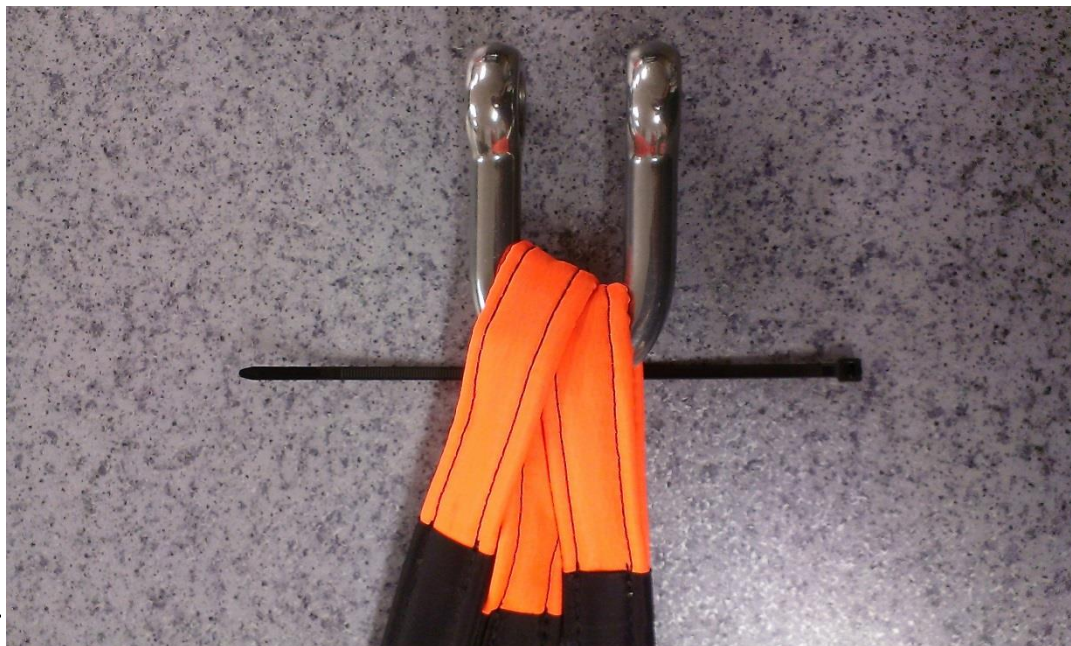


Picture no. 2



Picture no. 3

Step 3 – We tighten this folded loop as much as possible on the inside of the shackle. The loops of the suspension has to be secured with cable ties, see pictures no.4 and no.5



Picture no. 4



Picture no. 5

Step 4 – We cut off the free end of the cable ties just behind the closing eyelet, using wire cutters or scissors, see pictures no.6 and no.7



Picture no. 6



Picture no. 7

Step 5 – We slide the loop of anchor strap onto the open end of shackle at an angle of 30 ° -45 ° from the longitudinal axis, see pictures no.8 and no.9



Picture no. 8



Picture no. 9

Step 6- We straighten the longitudinal axis of anchor strap's loop with a longitudinal axis of shackle, see picture no.10



Picture no. 10

Step 7 – We insert the pin into the shackle and we secure it for one thread. And then it is important to coat the threads with a film of Loctite, see picture no.11 (Loctite is a part of the package, attached to the shackle)



Picture no. 11

Step 8- We tighten the pin with the allen, see picture no.12. We remove any surplus of loctite by piece of cloth. We must prevent contamination of straps by Loctite!!!



Picture no. 12

Step 9- We tighten this folded loop of anchor strap as much as possible on the inside of the pin. The loop has to be secured with cable ties, see picture no.13



Picture no. 13

Step 10- We cut off the free end of the cable ties just behind the closing eyelet, using wire cutters or scissors, see pictures no.14 and no.15



Picture no. 14

Step 11 – We visually check the compactness and the integrity of the straps and tightening of the loop to the shackle.



Picture no. 15