

FAQs:

Was there an accident?

No. The defective bolt was discovered during an inspection.

What may happen?

If hydrogen embrittlement sets in, after some time the bolt may snap between the shank and the thread even without additional load and the nut may fall off. This means the bolt is no longer fixed in its position and can loosen and fall out due to corresponding movements or loads.

Can anyone replace the bolts?

Yes. Each owner can change the bolt using a suitable torque wrench and following the instructions for retrofitting.

With what torque should the new screws be tightened?

Contrary to the marking on the product and the information in the operating instructions replacement screws should be tightened with a torque of **8 Nm**.

What is hydrogen embrittlement?

Hydrogen embrittlement is the change in brittleness caused by the penetration and incorporation of hydrogen into a metal mesh. This consequence of corrosion is similar to material fatigue – and may lead to hydrogen-induced cracking. (<https://de.wikipedia.org/wiki/Wasserstoffverspr%C3%B6dung>)

Was it caused by the wrong torque?

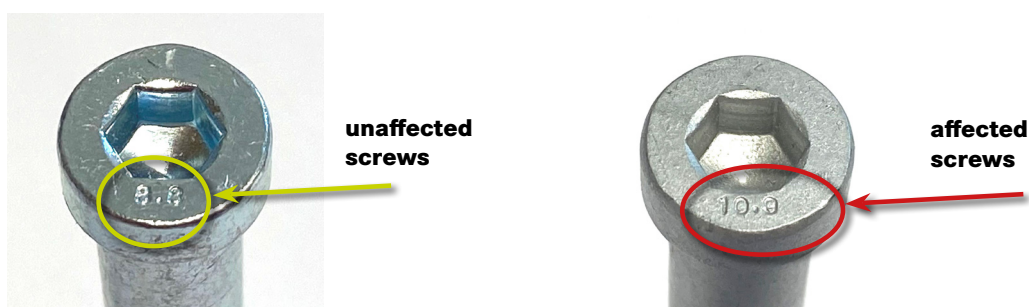
No. If the coating of a bolt is defective, embrittlement will start as soon as the bolt is put under tension.

Can I also replace the bolt with another commercially available bolt?

No. This is a specialist bolt, and the corresponding products are certified only with the original bolts supplied by the manufacturer.

How can I tell if the bolts on an affected product have already been replaced?

The head of the new replacement bolts are marked 8.8.



I own the EDELRID harness FLEX TOWER, which is fitted with screw gate D-rings. Do the bolts on this belt have to be replaced as well?

No. FLEX TOWER has not been produced since October 2019. Bolts manufactured before October 2019 are not affected by this current issue.

I can't find a batch number or the manufacturing data on the SCREW D-KIT / SCREW D-SINGLE I bought separately – does the bolt have to be replaced?

Yes. In the case of SCREW D-RINGS purchased individually (SCREW D-SINGLE) or in pairs (SCREW D-KIT), there is no possibility of batch number restriction. All bolts must be replaced.