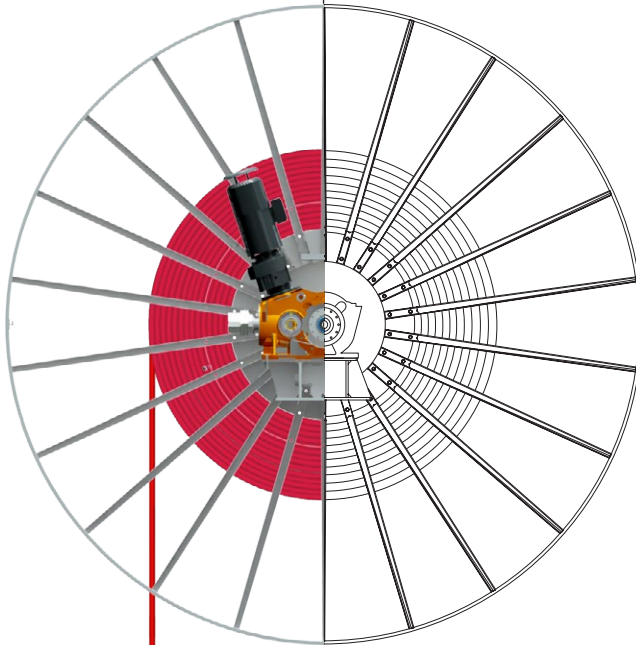


# Maintenance Bulletin **Motor Driven Reels**

Periodic tightening of  
the Spool Screws



# Periodic tightening of the Spool Screws

The screws that attach the spools on the center discs of Motor Driven Reels are tightened at installation with a torque wrench at the torque documented in our manual.

During the lifetime of the system, and especially during the first year of installation, these screws set under mechanical and thermal stress.

As requested in our manuals these screws must be retightened **3 months after the first use** and then at least once every 6 months or every 2.000 hours of operation (whichever occurs first) using a calibrated torque wrench:

- Look up the required torque level in the manual
- Select a recently calibrated torque wrench with proper capacity
- Retighten all screws in a circular pattern
- Record date of retightening in the maintenance log

Once this is done, if the screw is not a safety model “ESL”, do not forget to reinstall and tighten all the locknuts.



In some cases, due to higher than usual thermal stress and/or thermal amplitude, we observed the nuts and bolts lose more tension than expected. We therefore introduced a new type of elastic washer to prevent it.

**If you feel your installation is such a case, please call us for support: we will immediately ship you a new set of washers and screws for your installation.**

## Replacing the screws

(replace screws one by one to avoid removing the spool):

- 1 bolt per hole, composed of 1 screw, 2 conical security washers and 1 ESL security nut
- 1 bolt, composed of 1 screw, 2 conical security washers, 2 JZ washers for grounding and 1 ESL security nut
- Lubricate the threads with grease Klüber-paste 46MR401

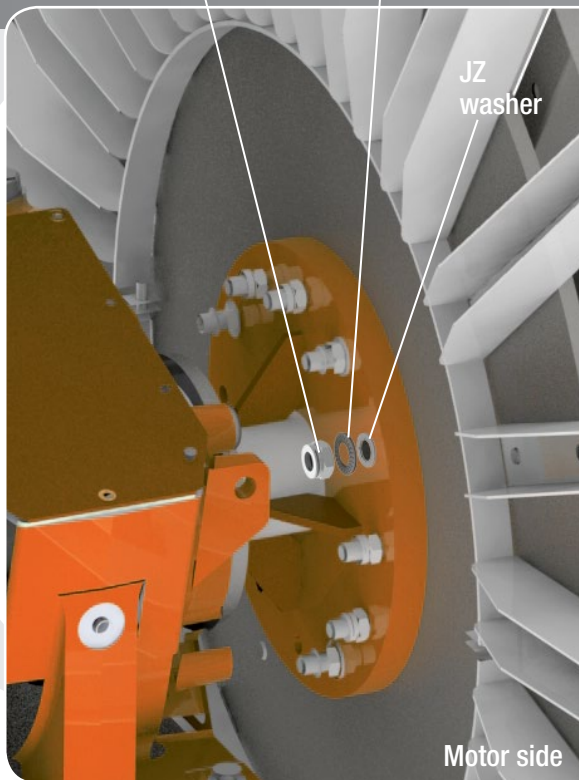
Conical security wa



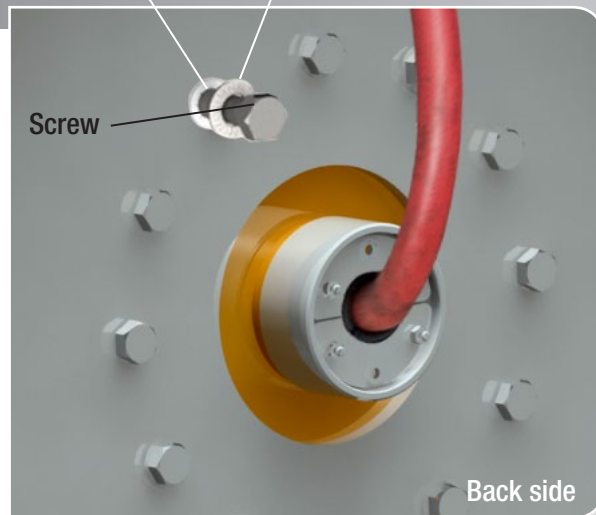
Security nut “



Security nut "ESL"    Conical security washer



JZ washer    Conical security washer



***Please read this important information on maintenance and security beforehand:***

See Reels Manuals E460N118, E350, E352, E460N004, E460N066 (all available in Reelquote).

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