

Important information:

Technical change for HESTAL *LiftMaster 770N* with 400mm stroke

The following technical changes are only relevant for the lifting mechanisms which are delivered from now on and the guiding channels which are connected with those lifting mechanisms of type 770N with 400mm stroke. There is no change in the function of the LiftMaster 770N related to these technical changes. The assembly is facilitated as described below.

Note: For retail sales this information is to be delivered per piece!

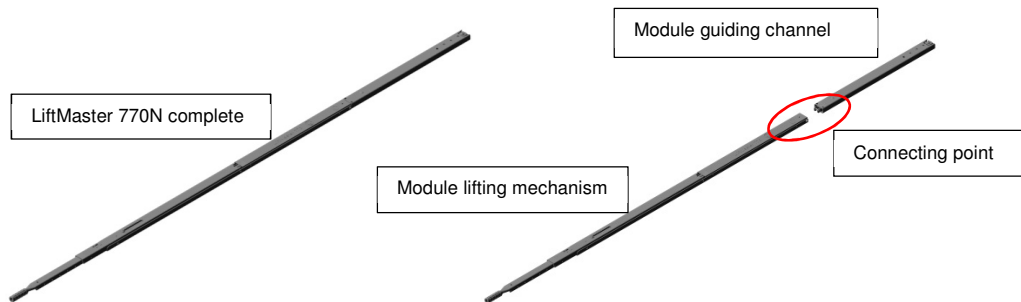


Figure 1: LiftMaster 770N overview

Current installation situation:

A laterally mounted dowel pin formed the connection between module lifting mechanism and module guiding channel (see figure 2). This caused a positive-fit connection of those two modules.

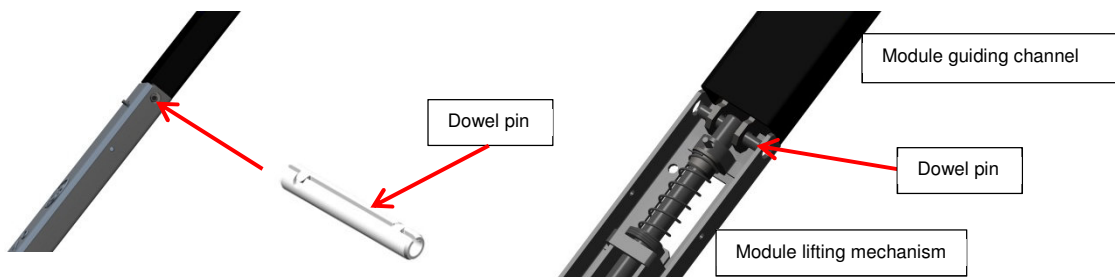


Figure 2: Current cultivation situation with dowel pin

New installation situation:

The dowel pin is replaced by an oval-head screw with a locking nut (see figure 3).

Before assembling the guiding channel and lifting mechanism, these components need to be mounted first at the lower ending of the guiding channel (see figure 4).

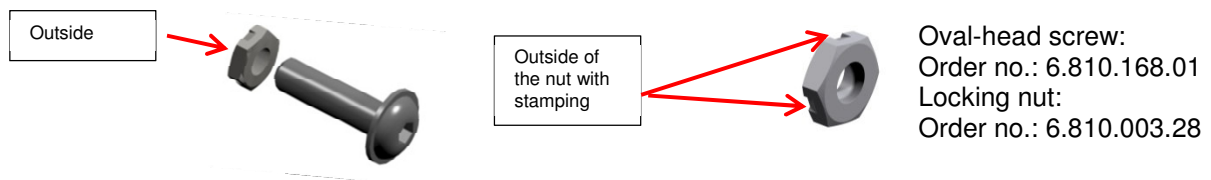


Figure 3: New connection components (screw and locking nut)



Figure 4: Insertion of the new connection components

The delivered screw needs to be installed at the lower end of the guiding channel and fixed by the securing nut. The thread of the screw will be 1mm above the nut after it is completely bolted (see figure 5).

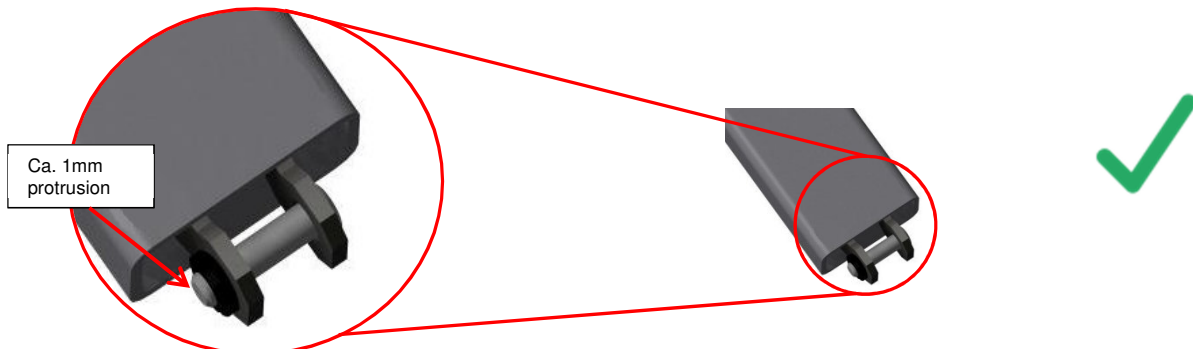


Figure 5: Fully bolted screw

As part of the module lifting mechanism the thrust rod was modified constructively and got an orifice at the upper ending (see figure 7). Due to this change the thrust rod reaches under the installed screw after the system is completely assembled. The assembly of this LiftMaster is identical to the assembly of the known LiftMaster versions.

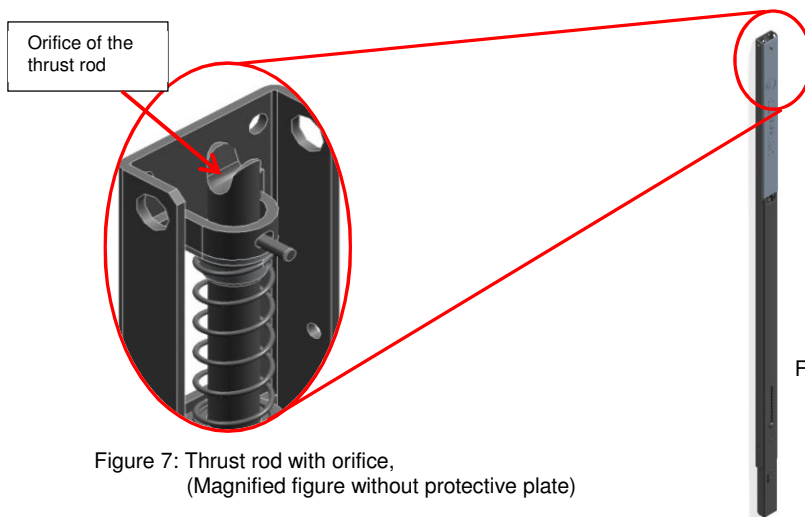


Figure 7: Thrust rod with orifice,
(Magnified figure without protective plate)

Figure 6: Module lifting mechanism

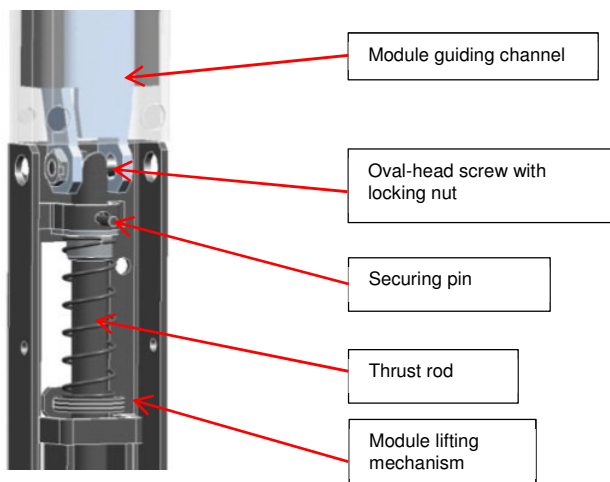


Figure 9: New connection between lifting mechanism and guiding channel

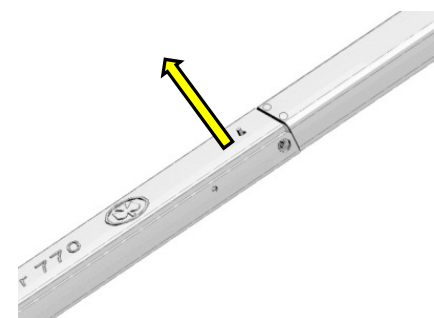


Figure 8: Remove securing pin

The securing pin needs to be unplugged after the assembly of the LiftMaster is completed (see figure 8).