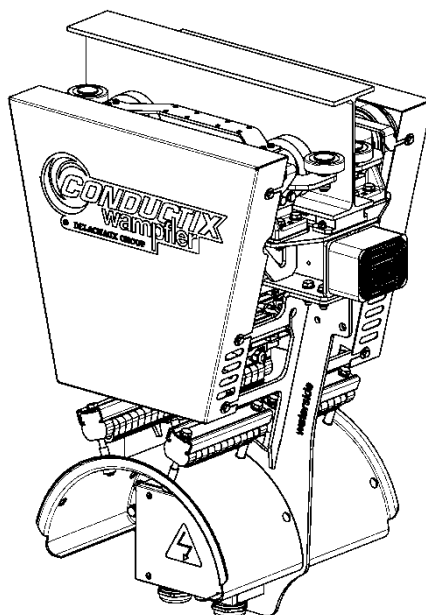


Motorized Cable Trolley Replacement of Tension pulley Program 0380

Order-Number

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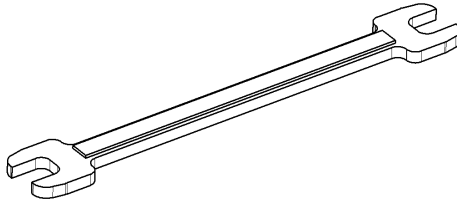
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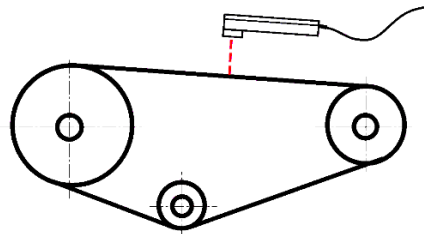
1 Required Tools

Wrenches for sizes

- 13 mm (all types suitable)
- 17 mm (all types suitable)
- 19 mm (open-end wrench needed for one step; all other types suitable for other steps)
- 36 mm (open-end wrench)



Belt Tension Measuring Device



2 Working Steps



CAUTION!

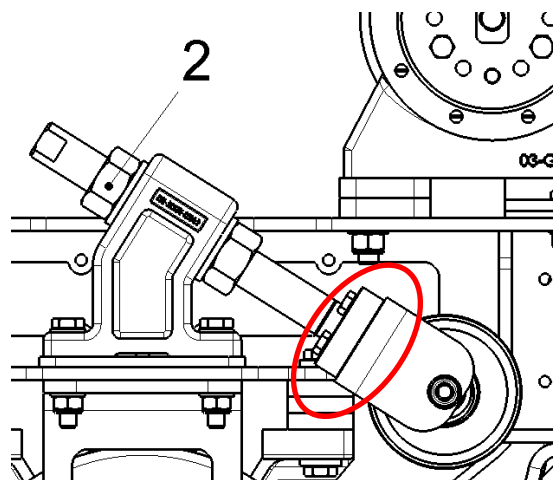
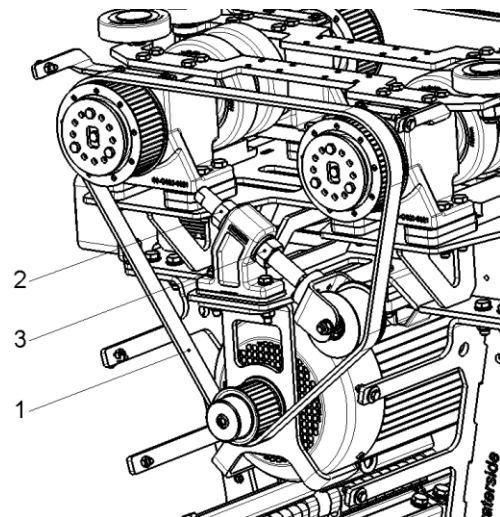
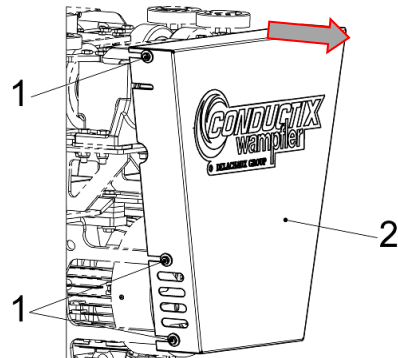
Risk of injury!

- Secure the motorized festoon system from unexpected switch-on
- Safety devices that have removed must be immediately remounted and inspected after work has been completed
- Any used measuring tools must be cleaned up/collected after completion and their inventory must be checked
- Before approaching systems with damping devices, they must first be released

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2.1 Disassembly Steps

1. Dismount protective cover.
Loosen the 6 screws (1), 3 turns and dismount the cover (2).
2. Dismount toothed belt (1).
Untighten nuts (2 and 3) to retract tension pulley.
Remove toothed belt (1) without applying force to it.
3. Check whether the joint of the tension pulley can be turned without significant force.
If so, exchange only the roller itself. If the joint does not function properly, exchange the entire tension pulley.



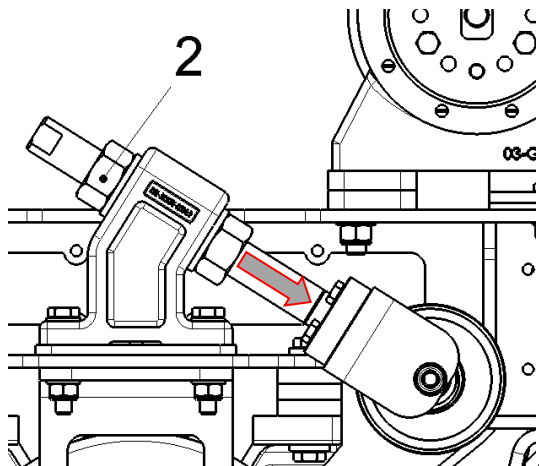
Installation Instructions



Motorized Cable Trolley Replacement of Tension pulley Program 0380

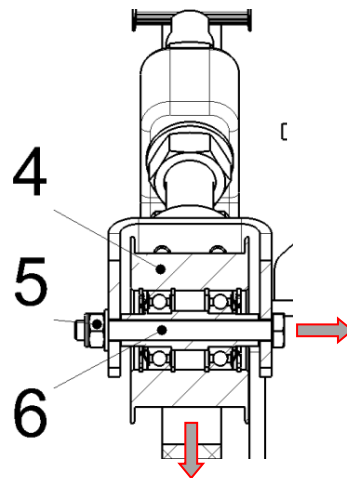
Exchanging the entire tension pulley

4. Remove nut (2) to extract tension pulley.



Exchanging the roller

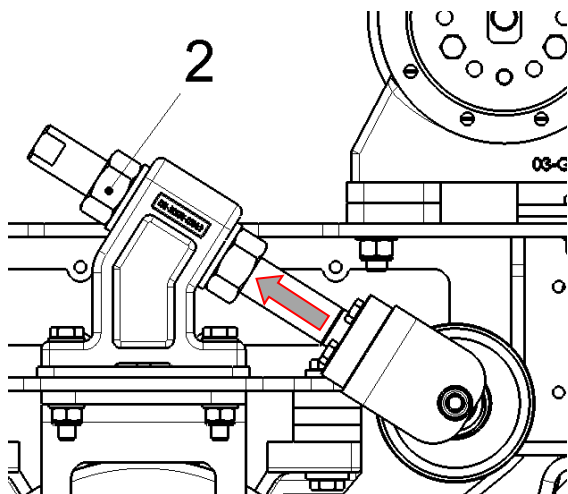
4. Remove the nut and washer (5) and pull out the screw (6). Now the old roller body (4) can be removed



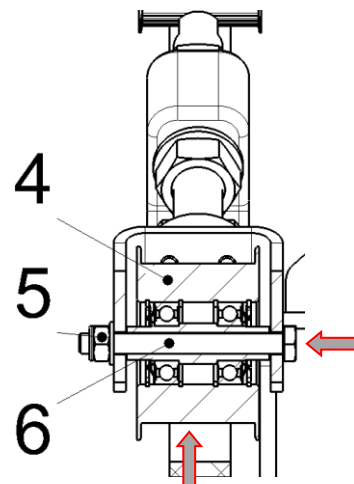
2.2 Assembly Steps

The assembly is made in reverse order. Use new fastening elements.

1. Insert the new tensioning pulley with threaded rod, secure it against falling out with the nut (2).



1. Replace the new roller body (4) and push the screw (6) through the hole. Then fix the bolt again with the nut (5) (Tightening torque: 44 Nm).



Installation Instructions



Motorized Cable Trolley Replacement of Tension pulley Program 0380



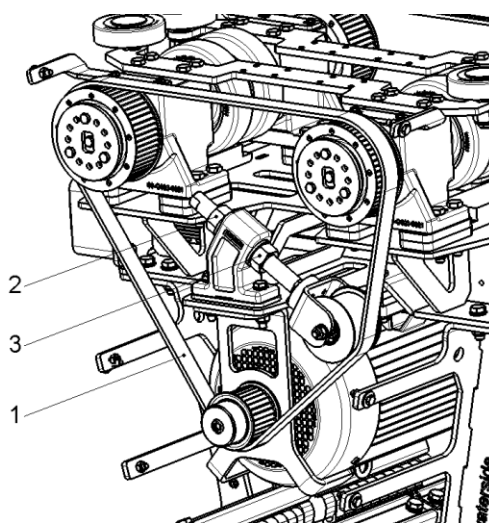
NOTICE!

→ After 6.000 crane operating hours both toothed belts must be replaced.

Assembly works at the toothed belt drive must comply with the particularities of the belt design. The operating behavior, utilization and the lifetime are dependent on the quality of the producer's recommendations.

→ In case of worn out or defective toothed belt, always replace **both toothed belts**.

2. Mount toothed belt.
Put on toothed belt (1) without applying force to it.
Tighten nut (3) to extend tension pulley.
Check and adjust toothed belt (1) tightening (for details see Mounting Instructions).
Secure belt tensioner by tightening nut (2)



3. Mount protective cover.

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