



Hänel Installation Instructions Chain joint installation

Lean-Lift Multi-Space

Contents

1. General instructions.....3

2. Installation Requirements.....4

3. Installation instructions:.....5

 3.1. Selecting the chain joint.....5

 3.2. Opening the chain joint.....5

 3.3. Closing the chain joint.....7

4. Annex.....9

1. General instructions

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Caution

These Installation Instructions are intended for specially trained and authorised technicians employed by the Hänel factory or by Hänel representatives.

All safety instructions and general instructions provided in the corresponding Operating Manual "MANL-LL" or "MANL-MS" and in the corresponding Installation Instructions "INST-LL-S" or "INST-LW" or "INST-MS" for the Lean-Lift or Multi-Space must be followed at all times.

In addition, the "Safety Rules & Requirements" provided in the Memorandum for Technical Field Service "SICHA" and the "Safety Rules" from the Training of Auxiliary Personnel for Technical Field Service "SICHHK" must be observed!



Intended use

This chain joint is intended exclusively for connecting chains of the Lean-Lift and Multi-Space lift types.

Any other use shall be considered non-compliant use.



2. Installation Requirements

1. Before starting the installation, secure the extractor, or cross-member with extractor, against descending or falling.



DANGER

The extractor or cross-member with extractor is a suspended load that can fall.
Therefore, whenever working inside the lift, you have to lower it to ground level.
If this is not possible, you have to secure them using the locking device. (See operating manual "MANL-LL", Work inside the lift by authorised personnel - Securing the extractor or operating manual "MANL-MS", Work inside the lift by authorised personnel - Securing the cross-member with extractor).

2. Switch off the main switch (Q2) and secure it from being switched on again using a padlock.



DANGER

Risk of electrocution!

SAFETY INSTRUCTIONS



The lift must be de-energised before work begins.

- Switch off main switch (Q2).
- Secure the main switch (Q2) from being switched on again
- Verify that the lift has been de-energised.
- Cover or block off neighbouring live parts. (External voltage source for multi-unit network)

3. Before entering the inside of the lift, lock the actuator of the safety switch on the service door (S3) with a padlock.

SAFETY INSTRUCTIONS



Secure the actuator latch!

Before all work, secure the actuator latch of the service door from being switched on again using a padlock.

Hänel Installation Instructions

Chain joint installation

Lean-Lift Multi-Space

3. Installation instructions:

3.1. Selecting the chain joint

Have a suitable chain joint available according to the manufacturer's instructions.
The chain joints used must always be from the same manufacturer as the chain itself.

Distinctive features

Manufacturer	IWIS	Renold	KÖBO	REXNORD
Name on outer plate and inner plate	IWIS	Renold	KÖBÖ	No name or REX
	 Note: The names may appear on the inside or the outside of the outer plates (<i>item 2</i>) and inner plates (<i>item 5</i>).			
Spring shape				

3.2. Opening the chain joint

Step	Task	Note / illustration
1	Push the spring (<i>item 1</i>) out of the groove using the combination pliers (<i>item 4.1</i>).	 Caution: Do not bend the spring open. Bending the spring open reduces the spring force, making the lock unusable.
2	Remove the outer plate (<i>item 2</i>) or (<i>item 6</i>), and, if present, any inner plates (<i>item 5</i>) and pin block (<i>item 3</i>).	See Fig. 1, 2 and 3

3. Installation instructions: (continued)

3.2. Opening the chain joint (continued)

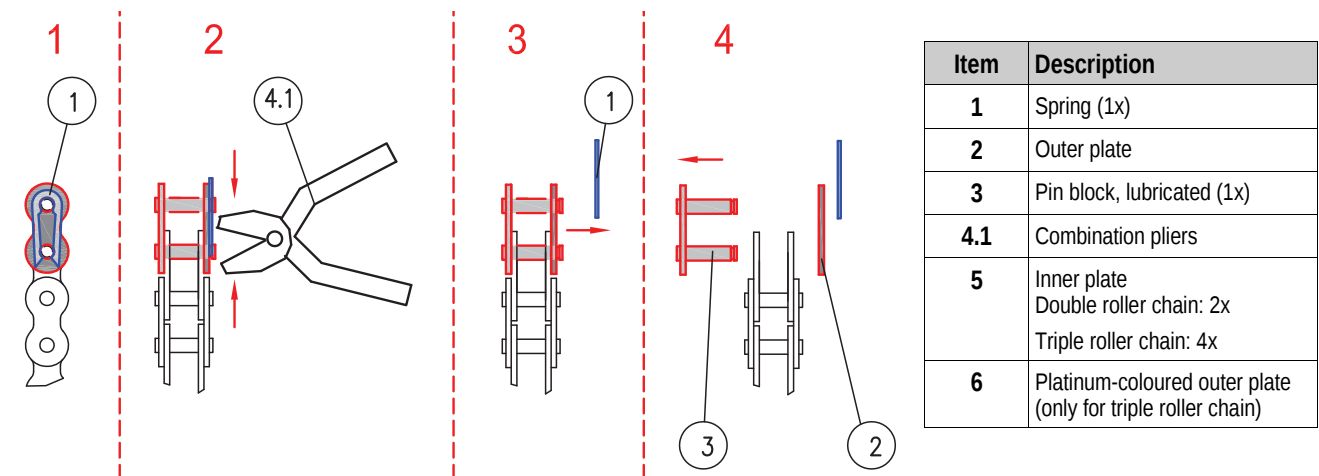


Fig. 1: Single roller chain joint removal

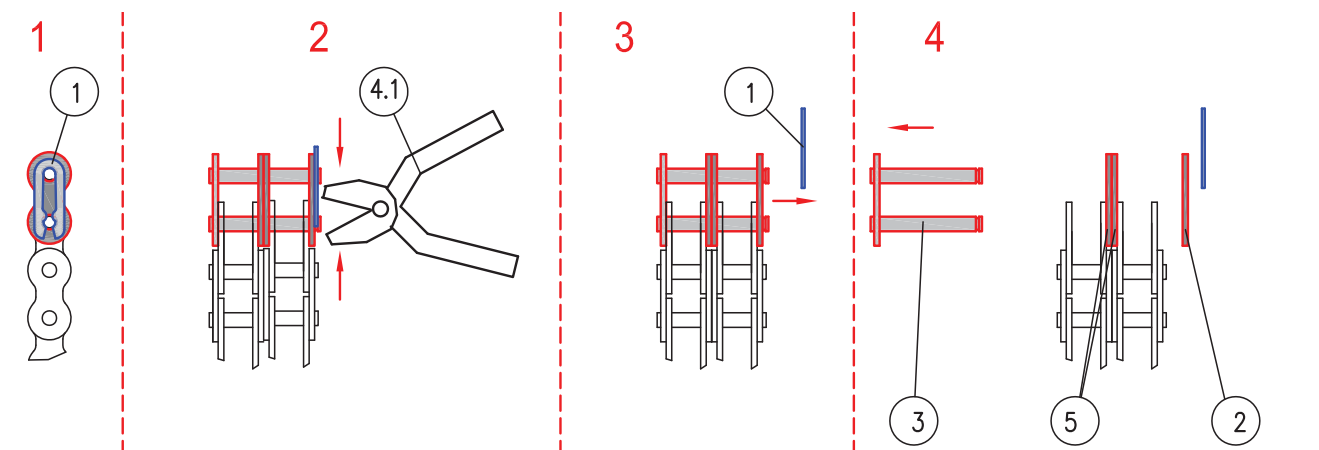


Fig. 2: Double roller chain joint removal

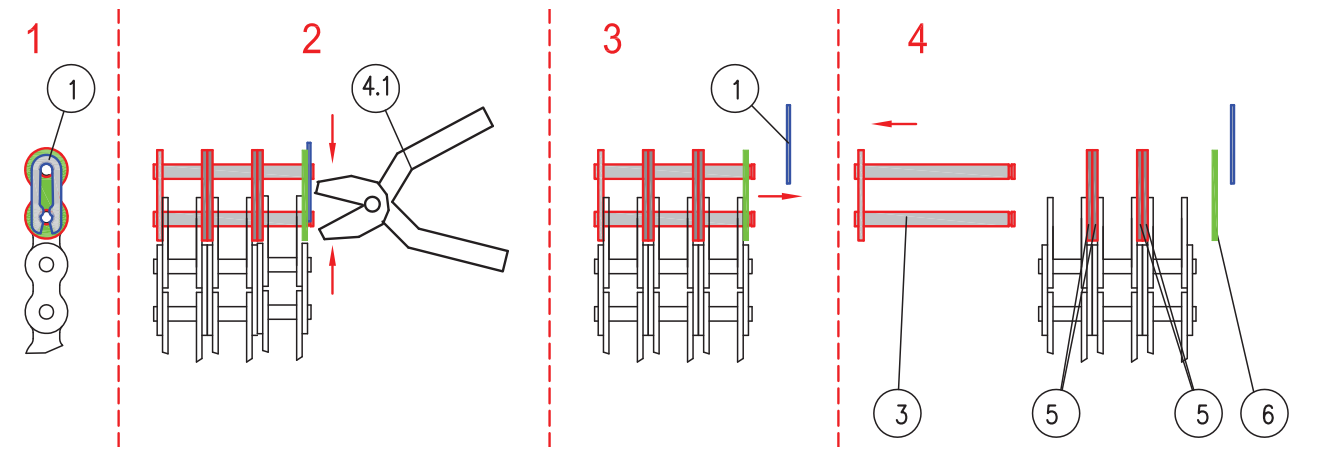


Fig. 3: Triple roller chain joint removal

Hänel Installation Instructions

Chain joint installation

Lean-Lift Multi-Space

3. Installation instructions: (continued)

3.3. Closing the chain joint

Step	Task	Note / illustration
1	Connect the pin block (item 3) to the chain ends. While doing so, push a corresponding number of inner plates (item 5) onto the pin block (item 3).	see Fig. 4, 5, and 6  Note Only with triple roller chain: before installation, the pin block (item 3) can be sprayed with Renold chain spray. (A can of this lubricant is included in the scope of delivery and must be kept near the lift.)
2a	Only for Single roller chain or Double roller chain: Push the outer plate (item 2) onto the pin block ends (item 3).	See Fig. 4 and 5
2b	Only for Triple roller chain: Push the platinum-coloured outer plate (item 6) on the pin block ends (item 3).	See Fig. 6
3	Position spring (item 1) at groove of the pin block bolt. Push the spring into the groove using the combination pliers (item 4.1) or screwdriver (item 4.2) until the spring clicks into place.	 Caution: Do not bend the spring open. Bending the spring open reduces the spring force, and the lock can come apart.
4	Check the fit of the spring in the groove.	

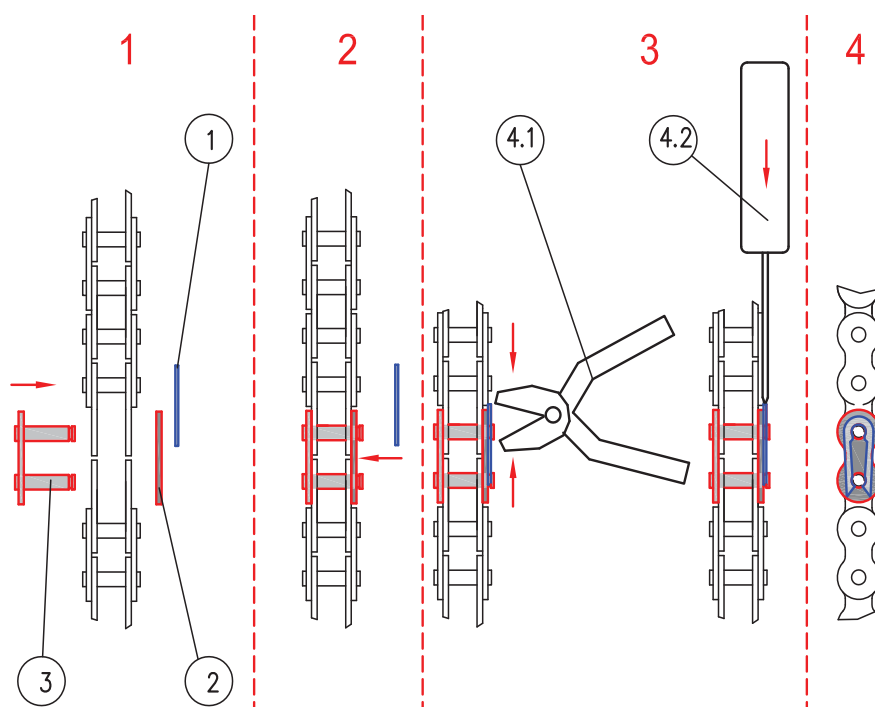


Fig. 4: Single roller chain joint installation

Item	Description
1	Spring
2	Outer plate
3	Pin block, lubricated
4.1	Combination pliers
4.2	Screwdriver
5	Inner plate Double roller chain: 2x Triple roller chain: 4x
6	Platinum-coloured outer plate (only for triple roller chain)

3. Installation instructions: (continued)

3.3. Closing the chain joint (continued)

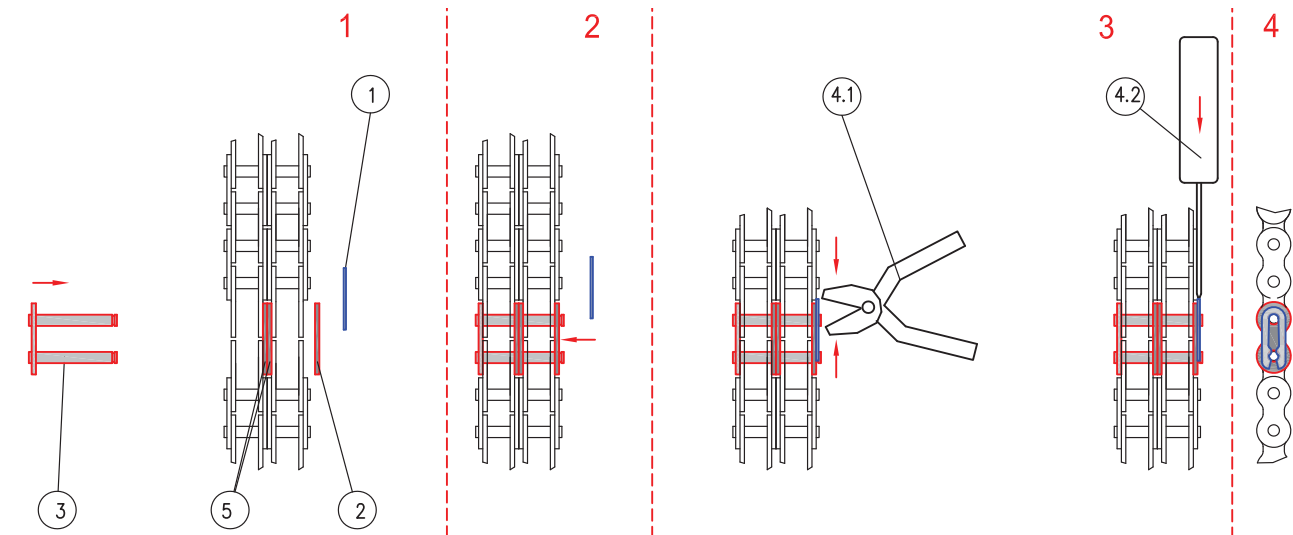


Fig. 5: Double roller chain joint installation

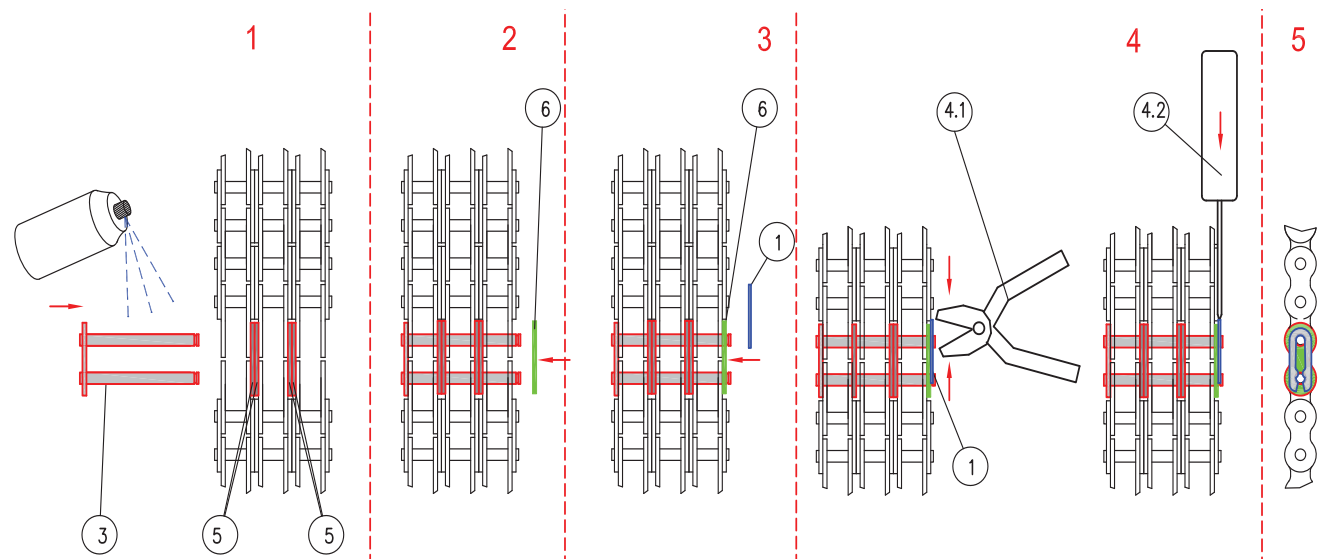


Fig. 6: Triple roller chain joint installation

4. Annex

Revision notes

- | | |
|---|------------|
| Last issue dated: | 2007-04-02 |
| • Added intended use | |
| • Added illustration of removal | |
| | 2008-05-07 |
| • Added double and triple roller chain | |
| | 2015-06-29 |
| • Triple roller chain: added outer plate with a light press fit | |
| | 05.09.16 |
| • Triple roller chain: added manufacturer Renold | |

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