

Installation instructions

KONE ADR

with device series

door operator

TSG

Documentation history

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Fordern Sie die Umbauanleitung **auf Deutsch** an,
indem Sie den QR Code einscannen.



Demandez les instructions d'instruction de
montage **en français**, en scannant le code QR.

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1 Essential information

1.1 Value of assembly instructions

The product assembly instructions are provided by the manufacturer or supplier to provide the information required by the customer or fitter to ensure proper, safe and reliable assembly. These brief assembly instructions serve to clarify the basic steps of mechanical assembly. The electrical connection, commissioning and settings of the TSG are explicitly not part of these instructions.

1.2 Copyright protection

We reserve all rights for this technical documentation. It may not be duplicated, made accessible to third parties or otherwise used in an unauthorised manner without our prior consent. Any changes require our explicit and prior written consent.

1.3 Instructions in the assembly manual

All instructions in the assembly manual must be followed without exception.


1.4 Informal activities performed by the fitter

The system fitter is personally responsible for participating in a training course. He or she must inform the manufacturer/supplier without delay of any missing or defective parts in the delivery.

1.5 Requirements for assembly personnel



Persons responsible for installation and maintenance must be instructed regarding generally applicable safety and labour health requirements. They must be familiar with Langer&Laumann products. Installation tools must be fully functional and measuring instruments must be subject to continuous monitoring.

2 Activity performed

Replacement of the KONE ADR door operator with a  **Langer & Laumann Ing. Büro GmbH TSG door drive.**

The purpose of the conversion is to replace the existing KONE door operator with a TSG drive.

3 Advantages

- Very economical package.
- Quick and easy replacement with a TSG from  **Langer & Laumann Ing. Büro GmbH .**
- **Just a few** mechanical attachments are required.
- All necessary parts are included with delivery.
- Conversion can be performed **very quickly** and **easily**.
- The electrical wiring can also be performed by **less experienced fitters**.
- **No hand-held** terminal is required for setting parameters. All parameters can easily be adjusted on the device.
- **Measurements can be performed very easily.**
- The conversion kit is available from  **Langer & Laumann Ing. Büro GmbH** as **warehouse inventory**.

4 Tools required

Metal drill bits 6, 9, and 11 mm
Fork wrenches size 8, 10, 13, 17
Allen wrench set
Screwdriver
Side cutter

5 Conversion instructions



NOTE:

The order of assembly listed here is simply a recommendation. There is no claim of completeness.

1. Removal of the existing drive motor.
2. Assembly of the combination bracket for the motor fastening and counter roller on the door machine.
3. Assembly of the deflection roller on the combination bracket.
4. Assembly of the motor on the combination bracket (the motor can optionally be fastened onto the opening or closing side of the door machine).
5. Assembly of the door panel carrier on the back of the expander blade. It may be necessary to bend the door panel carrier.
6. Set the TSG toothed belt in place, connect it with the TSG toothed belt lock and clamp it. Make certain the alignment is correct!
7. Assembly and adjustment of the end stops
8. For electrical commissioning see the TSG operating instructions.

6 Illustrations

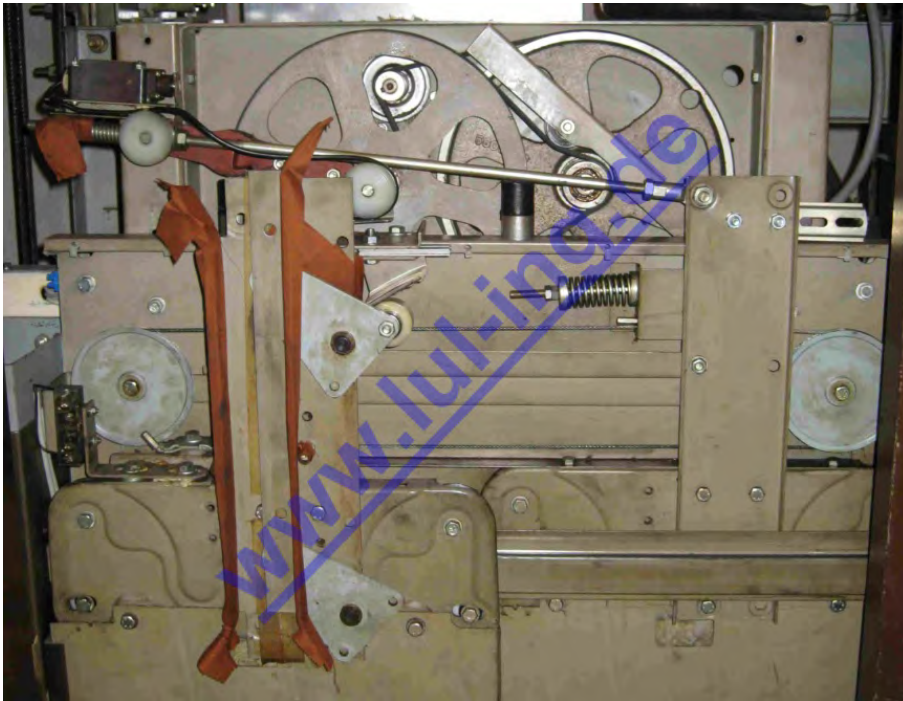


Fig. 1: KONE ADR original



Fig. 2: TSG in ADR

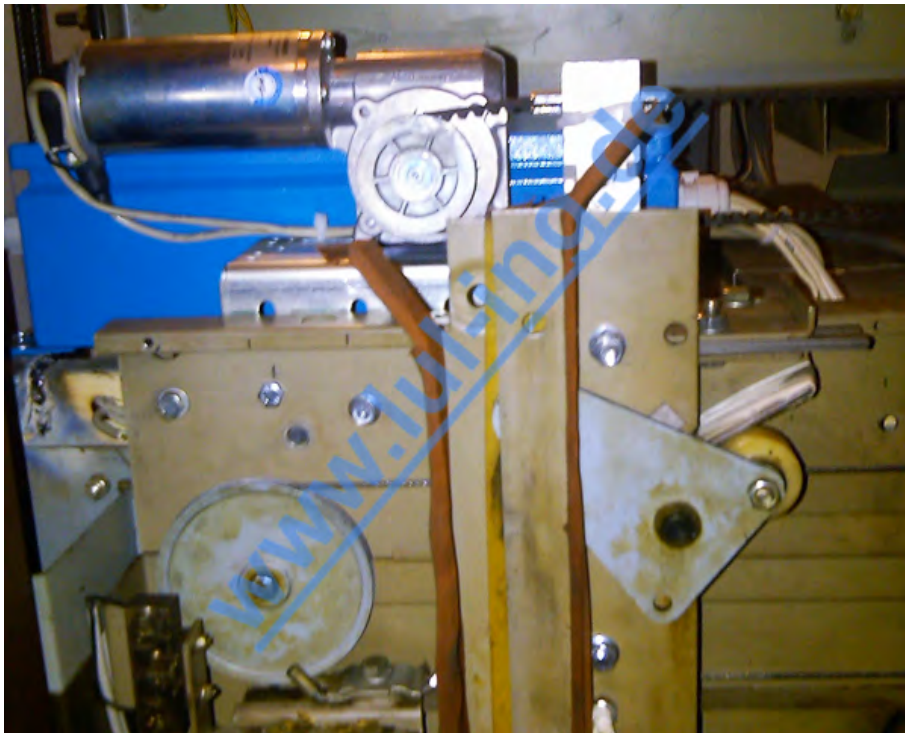


Fig. 3: TSG in ADR



Fig. 4: TSG in ADR



Fig. 5: TSG in ADR

7 Contact

If you have questions or are not certain about something, we can be reached at the following address:

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