

# ED 100, ED 250 ESR

Mounting instructions



058174-45532/18496 – 03/2026

**EN**

**⚠ This manual can only be used in conjunction with the ED 100/ED 250 mounting instructions.**

**In particular, be sure to follow the safety instructions on page 3 of the ED 100/ED 250 mounting instructions!**

## Contents

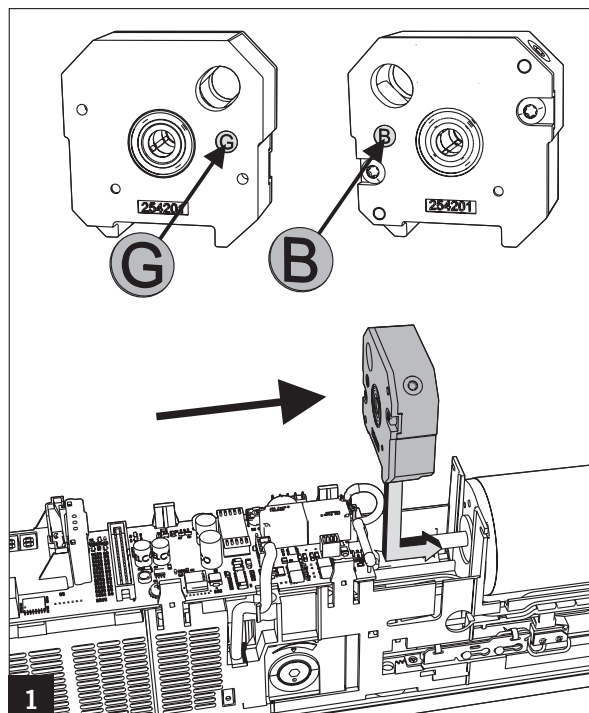
|                                                     | Page  |
|-----------------------------------------------------|-------|
| 1. Prepare the operator for the active door leaf    | 3     |
| 2. Preparing the operator for the passive door leaf | 4     |
| 3. Mounting the drives                              | 4 - 5 |
| 4. Connect the operators                            | 5 - 6 |

### 1. Prepare the operator for the active door leaf

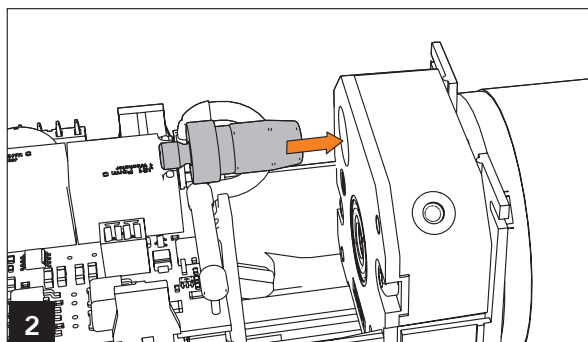
Place the brake in front of the drive shaft in the system carrier in accordance with the mounting type (hinge side/opposite side to the hinge).

- For the hinge-side mounting type, the letter **"B"** must be visible from the direction of the arrow.
- For the opposite side to the hinge mounting type, the letter **"G"** must be visible from the direction of the arrow.

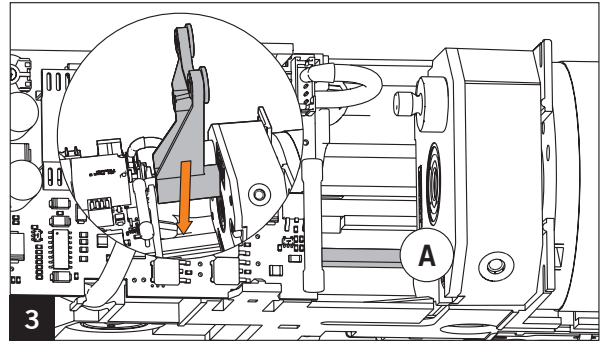
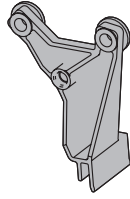
Push the brake onto the drive shaft until it clicks into place.



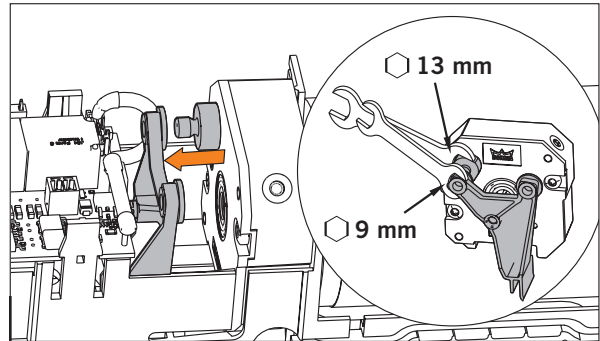
Insert the opening piston into the brake opening.



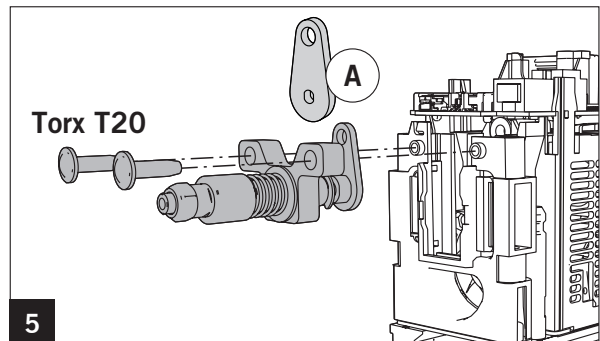
Place the coupling piece for the active door leaf on the “A” guide in the system carrier.



Screw the opening piston into the drill hole in the coupling piece that corresponds to the mounting type.



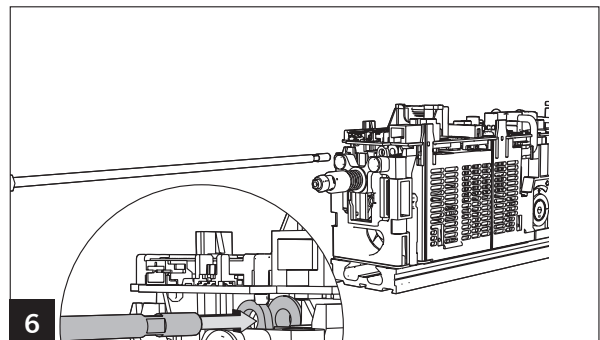
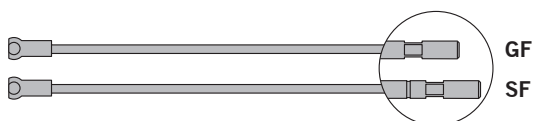
Screw the reset spring unit onto the front of the system carrier. Make sure that the pressure plate “A” is in the correct position.



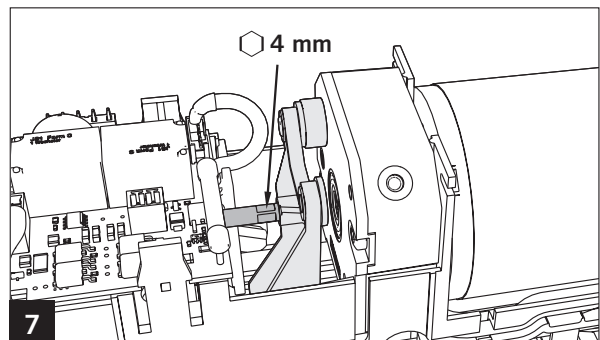
Insert the rod for the active door leaf (**GF**) on the front side, first into the open drill hole of the pressure plate, then into the guides of the system carrier.

The rod for active and passive door leaves are distinguished as follows:

The rod for the passive door leaf (**SF**) is longer and has an extra groove.



Using the wrench flats, screw the rod into the coupling until you feel it stop.



## 2. Preparing the operator for the passive door leaf

Place the signal rod in the groove in the operator.

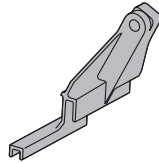


### Change in the mounting sequence.

The signal rod is now part of the ED ESR set and is no longer permanently connected to the ED drive unit.



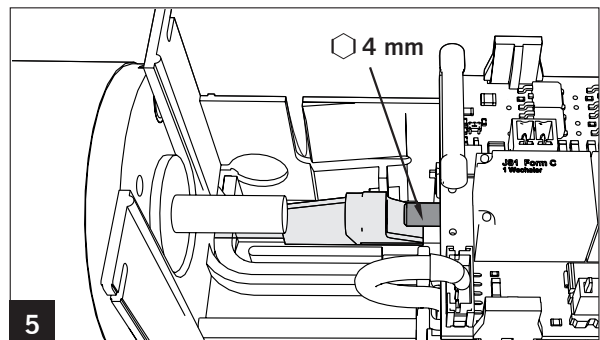
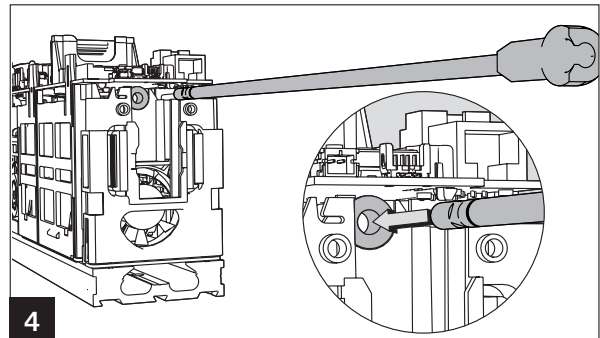
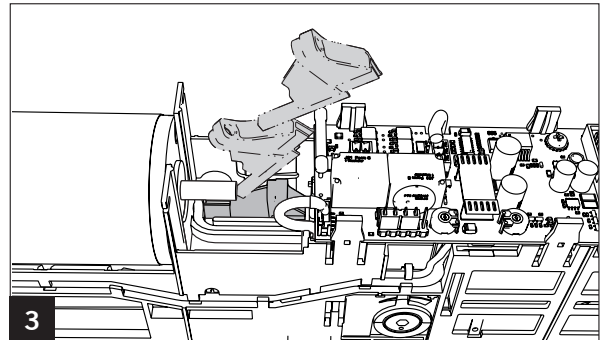
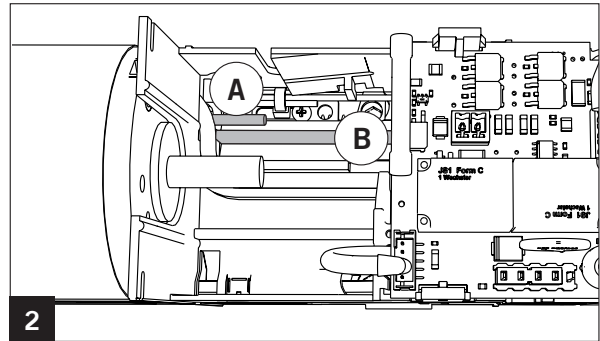
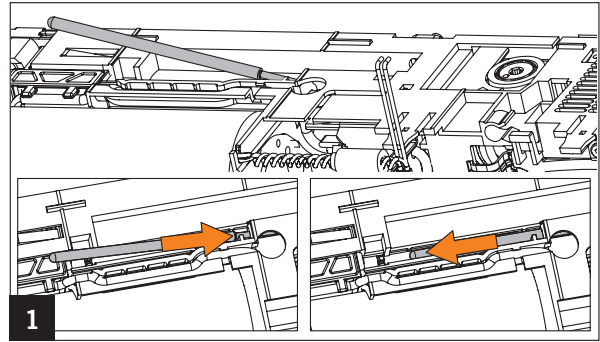
Place the coupling piece for the passive door leaf in the system carrier on the signal rod "A" and the guide "B".



The coupling piece must be screwed into the system carrier and pushed into the opening in the system carrier.

Insert the rod for the passive door leaf into the system carrier's guides.

Using the wrench flats, screw the rod into the coupling until you feel it stop.



### 3. Mounting the drives

Mount the carry bar (not included) onto the passive door leaf.

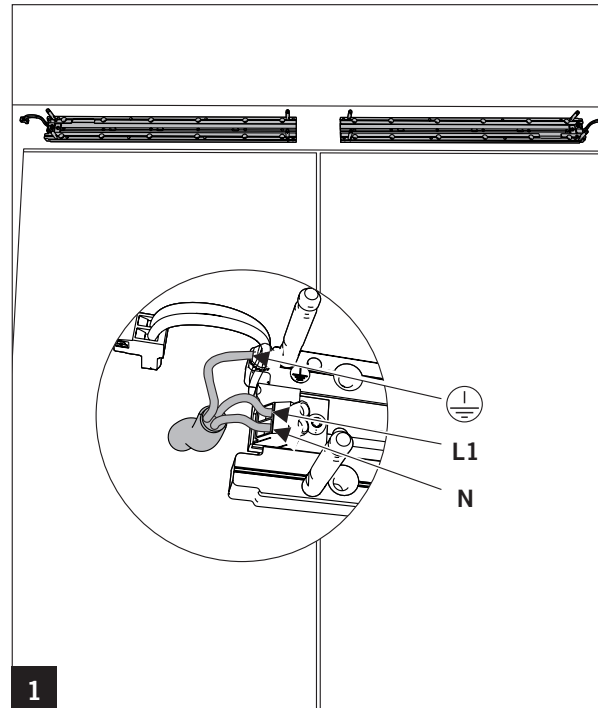
Install the mounting plates for both operators.

To do this, use the ED 100/ED 250 mounting instructions included with the operators.

Connect the 230 V power supply to one of the mounting plates.

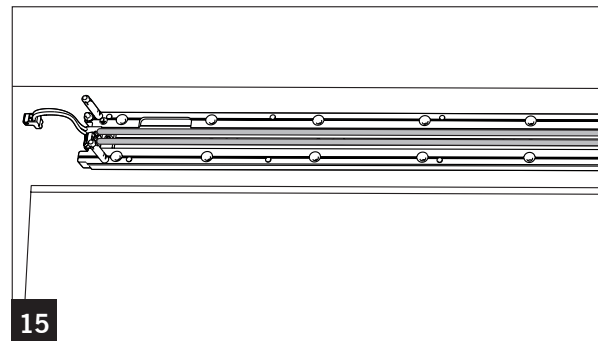
**!** Work on electrical systems may only be performed by trained specialists (electricians).

**!** Connect the grounding cable.



Route the mains connection cable for the second operator in the groove in the mounting plates.

Route the program switch cable and, if necessary, other cables in the groove as well.

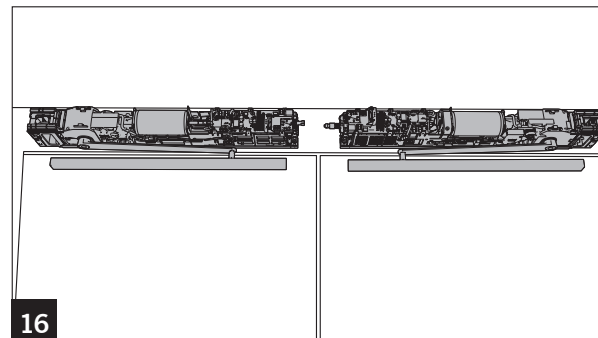


Mount both operators.

Mount the scissor arms or slide rail.

Connect all required cables.

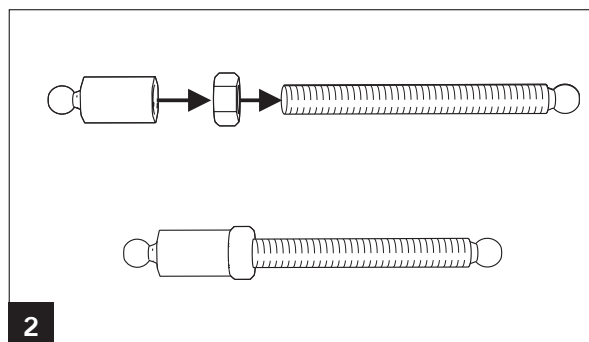
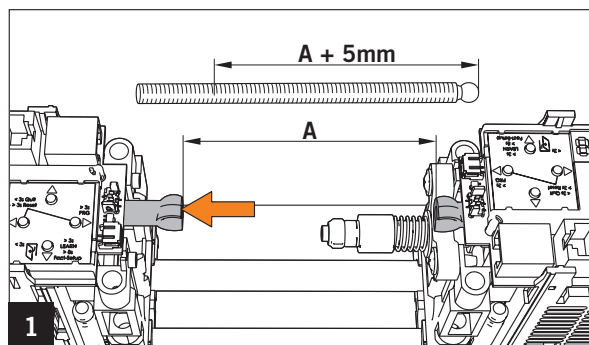
To do this, use the ED 100/ED 250 mounting instructions included with the operators.



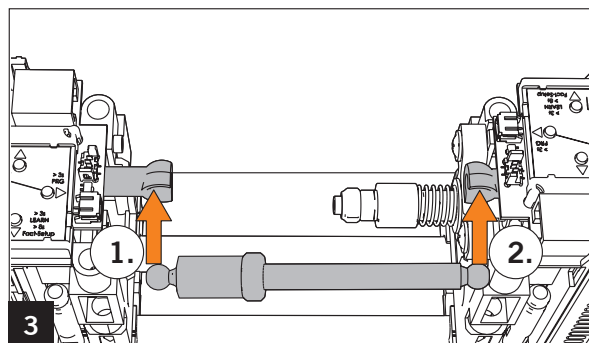
#### 4. Connect the operators

1. Push the joint socket on the passive door leaf towards the operator.
2. Measure the space between the joint sockets (dimension **A**).
3. Shorten the threaded rod to the dimension **A + 5 mm**.

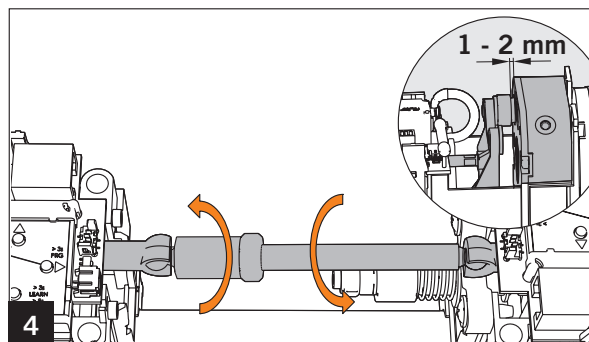
Loosely screw the lock nut and ball head onto the shortened end of the threaded rod.



Clip the connecting rod into the joint sockets.  
First, insert the side with the factory-installed ball head into the joint socket of the operator on the active door leaf, then insert the side with the screwed-on ball head into the joint socket of the operator on the passive door leaf.

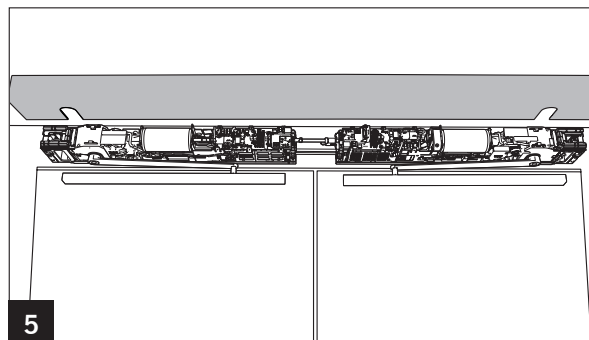


Adjust the length of the connecting rod by rotating it.  
The collar on the coupling pin should be 1-2 mm from the brake.  
To check whether the active door leaf is held in the waiting position, open both door wings and allow them to close.  
Lock the ball head bolt with the nut.

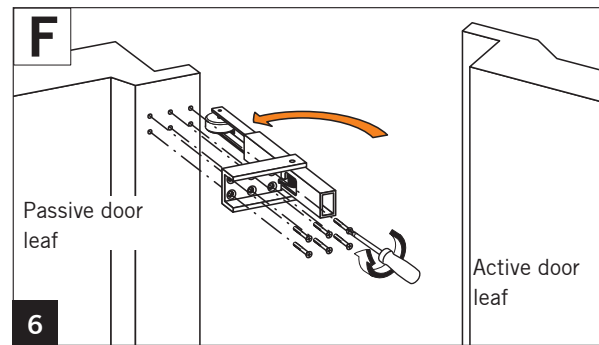


Adjust the mechanical settings (e.g., spring force), perform the commissioning, and mount the cladding.

To do this, use the ED 100/ED 250 mounting instructions included with the operators.



For fire protection doors, install the driver as specified in manual 054850-45532.





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