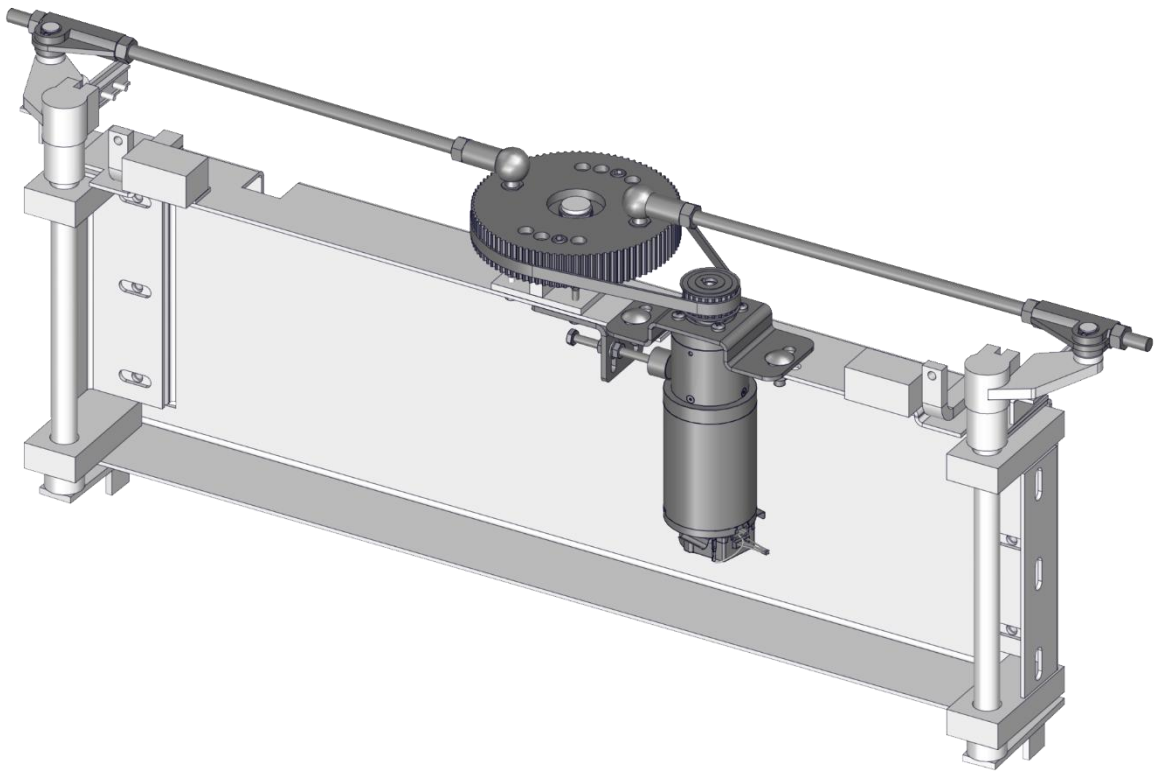




Umbauanleitung

Kramer Falttür

auf TSG V4

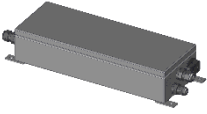
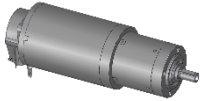
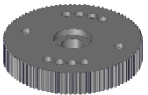
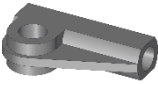
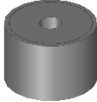
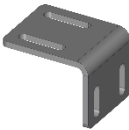
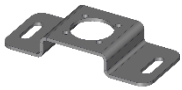
Zeigt **Z.**

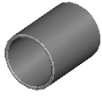
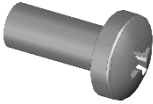
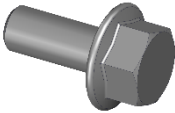
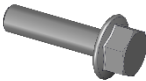
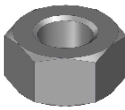
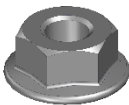
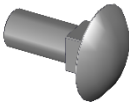
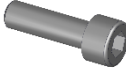
1. Sicherheits- und Warnhinweise

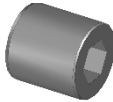
Die Durchführung der Arbeiten setzt die Kenntnis und Einhaltung der allgemeinen Sicherheits- und Warnhinweise voraus, wie sie in unserer **Montageanleitung Türantrieb für Aufzüge - 1.20.91000** definiert sind.

2. Lieferumfang

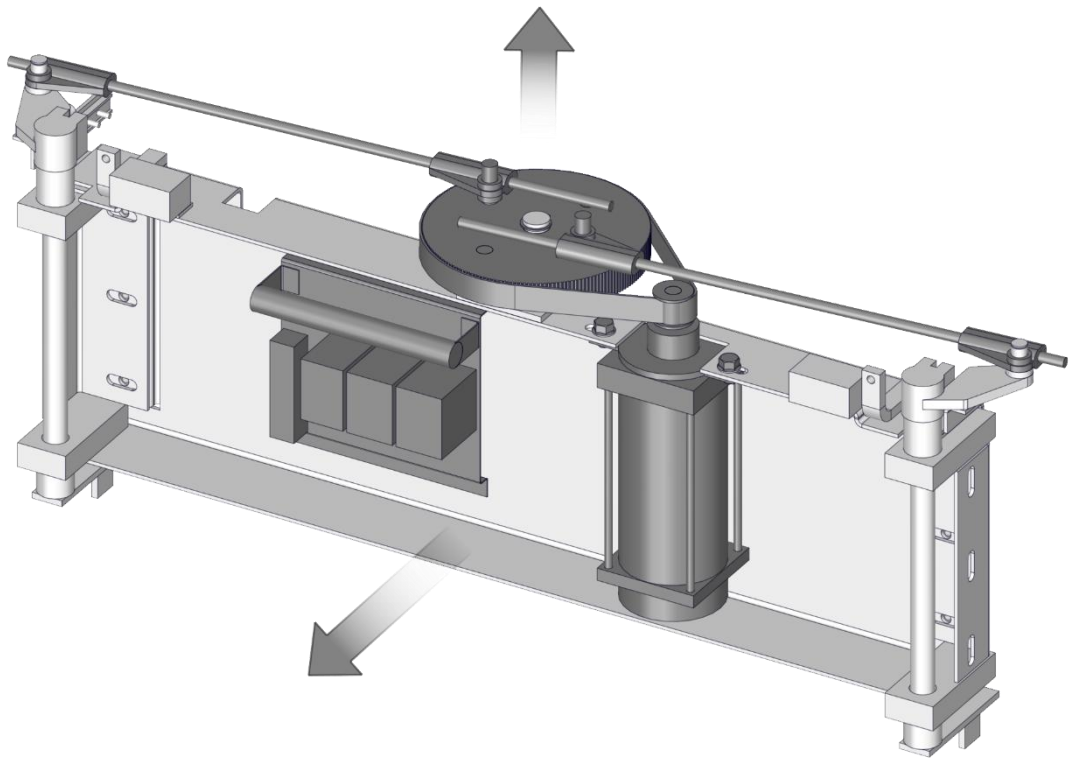
Die Tabelle zeigt die Bestandteile des Umbausatzes. Die Positionsbezeichnungen werden in den folgenden Kapiteln genutzt, um die einzelnen Komponenten zu kennzeichnen.

Pos.	Abbildung	Artikelnummer	Beschreibung	Anzahl
P001		8.20.xxxxx.04	TSG-Elektronik	1
P002		8.20.502xx.xx	TSG-Motor	1
P003		1.20.23105	Gelenk, M10	2
P004		1.20.23106	Gewindestange, M10	2
P005		1.20.23120	Drehkranz, D=142, 5M	1
P006		1.20.23310	Halter	2
P007		1.20.30217	Puffer, D=20	3
P008		1.20.31110	Winkel, L-förmig	1
P009		1.20.60057	Motorhalter, hutförmig	1

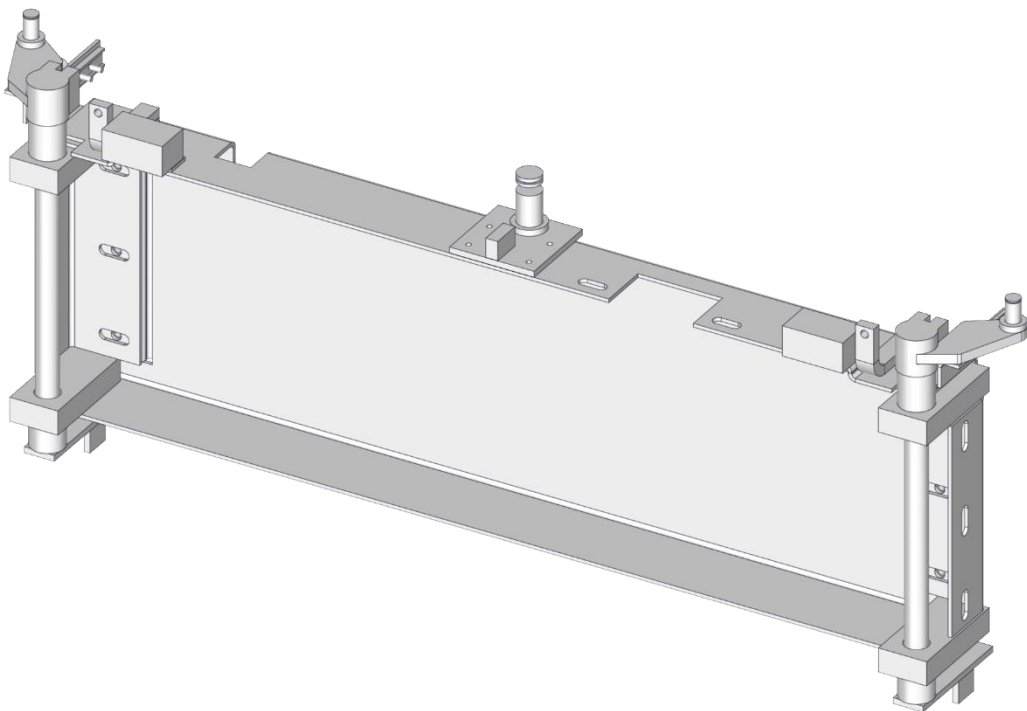
P010		1.20.60140	Zahnriemenrad, D=37, 5M	1
P011		1.20.92210	Hülse, D=23	1
P012		1.36.00018	Linsenschraube, M5 x 12 mm	4
P013		1.36.00114	Sechskantschraube, M6 x 70 mm	1
P014		1.36.00130	Sperrzahnschraube, M5 x 12 mm	2
P015		1.36.00133	Sperrzahnschraube, M5 x 20 mm	2
P016		1.36.00150	Mutter, M10	8
P017		1.36.00501	Mutter, M8	2
P018		1.36.00502	Mutter, M6	2
P019		1.36.00525	Flachrundschrabe mit Vierkantansatz, M8 x 20 mm	2
P020		1.36.00600	Zylinderschraube, M6 x 20	2
P021		1.36.01030	Scheibe, M10	2

P022		1.36.01370	Sicherungsring, D=12	2
P023		1.36.01375	Sicherungsring, D=20	1
P024		1.36.05040	Gewindestift, M5 x 5 mm	1

3. Demontage vorhandener Komponenten

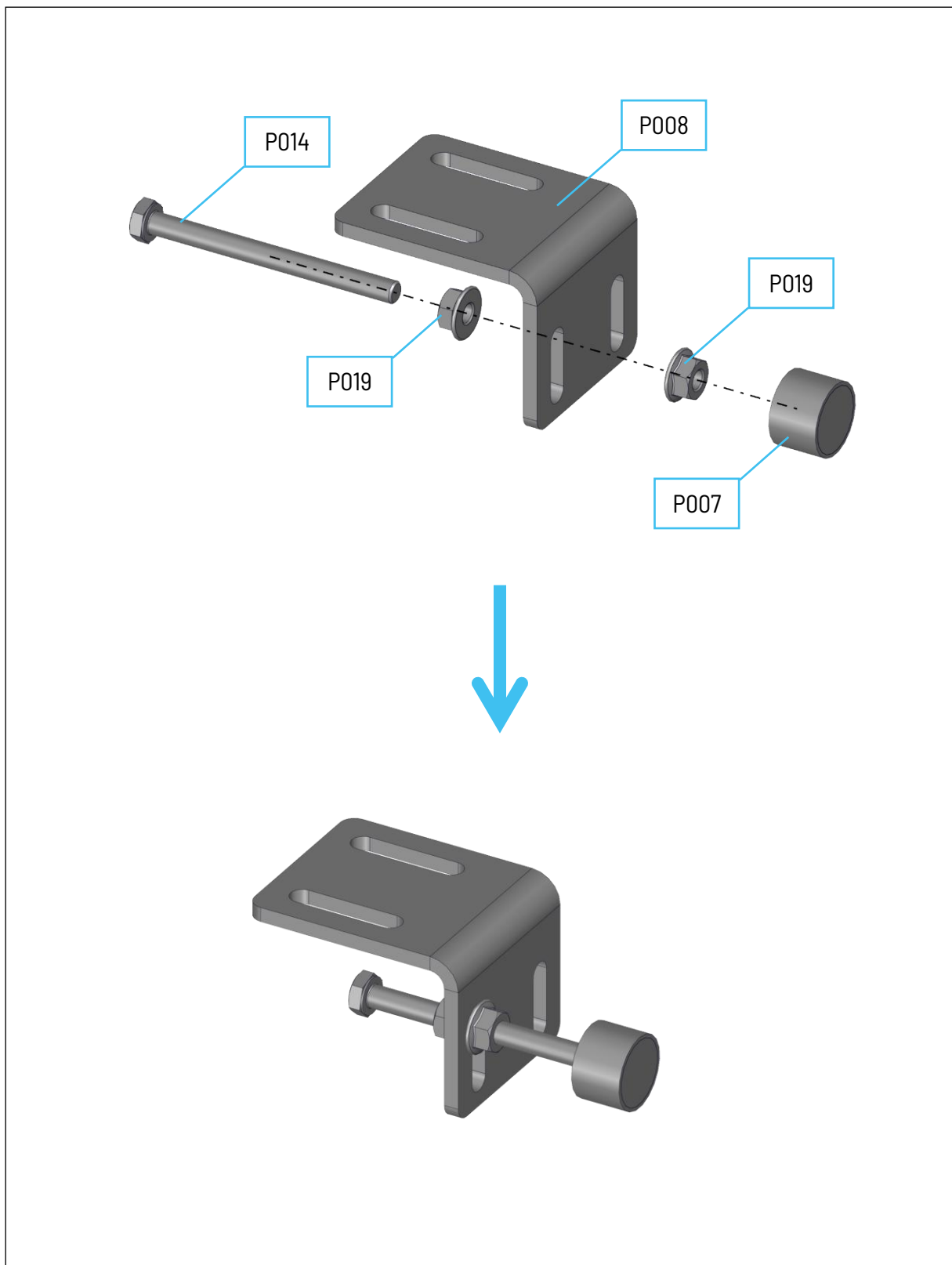


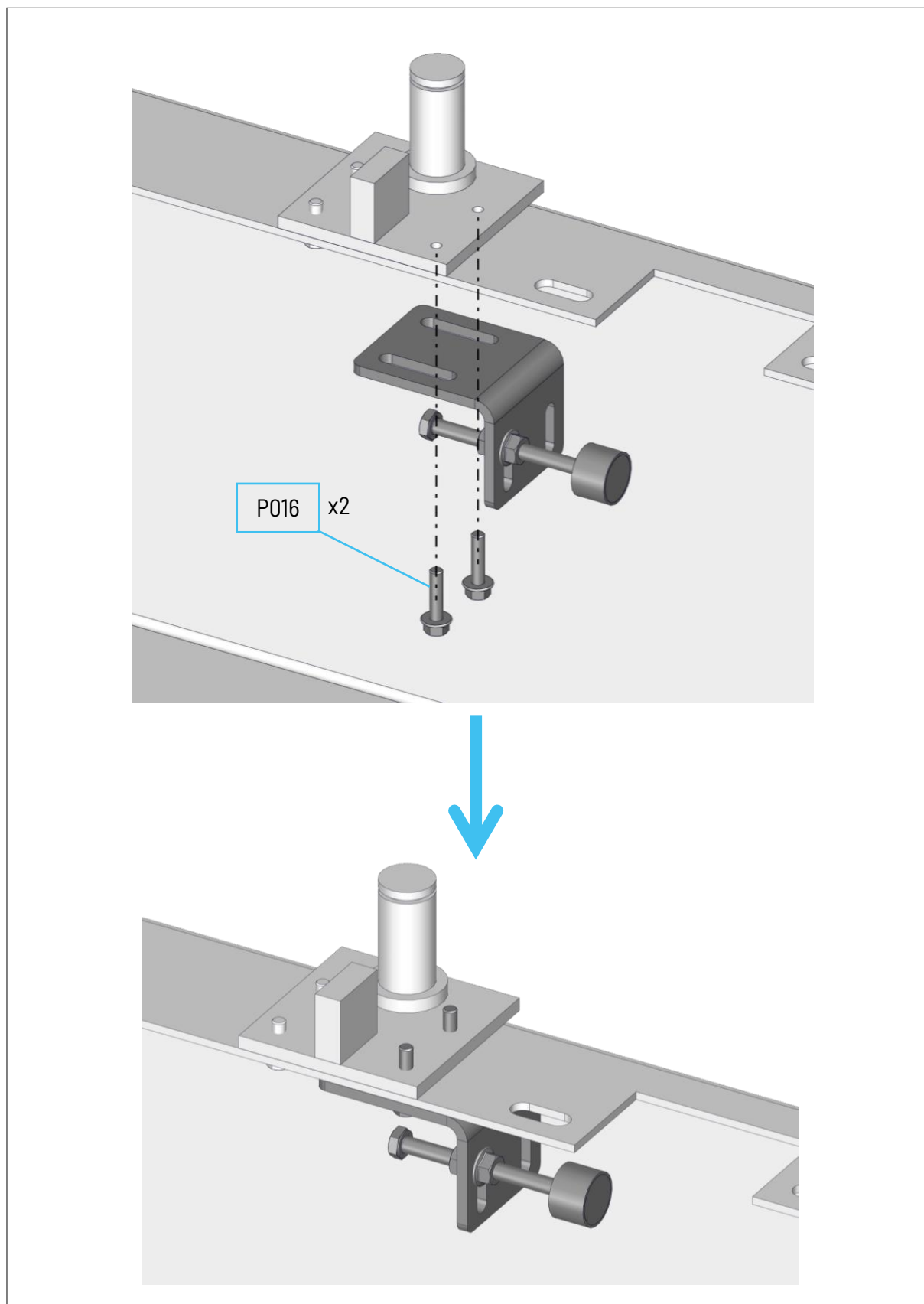
Zeigt zu demontierende Bauteile.

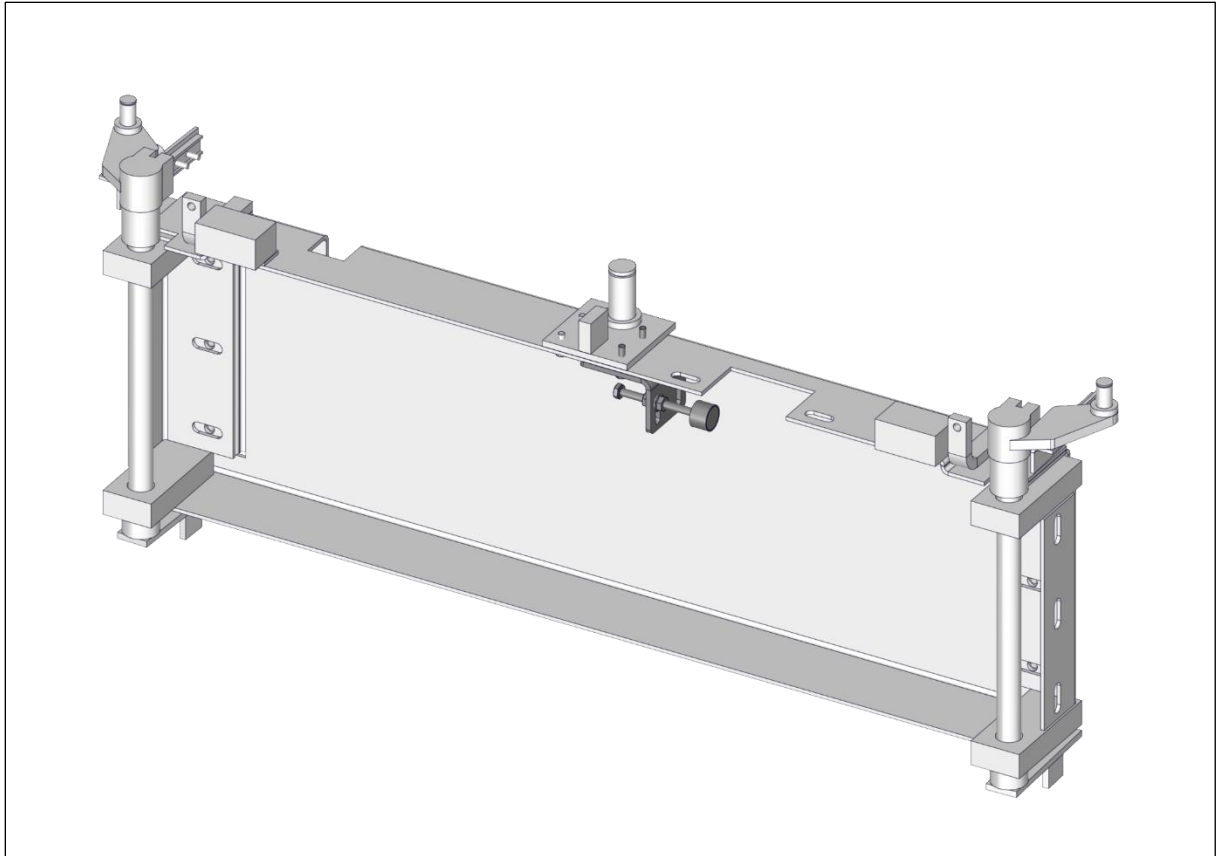


4. Montage

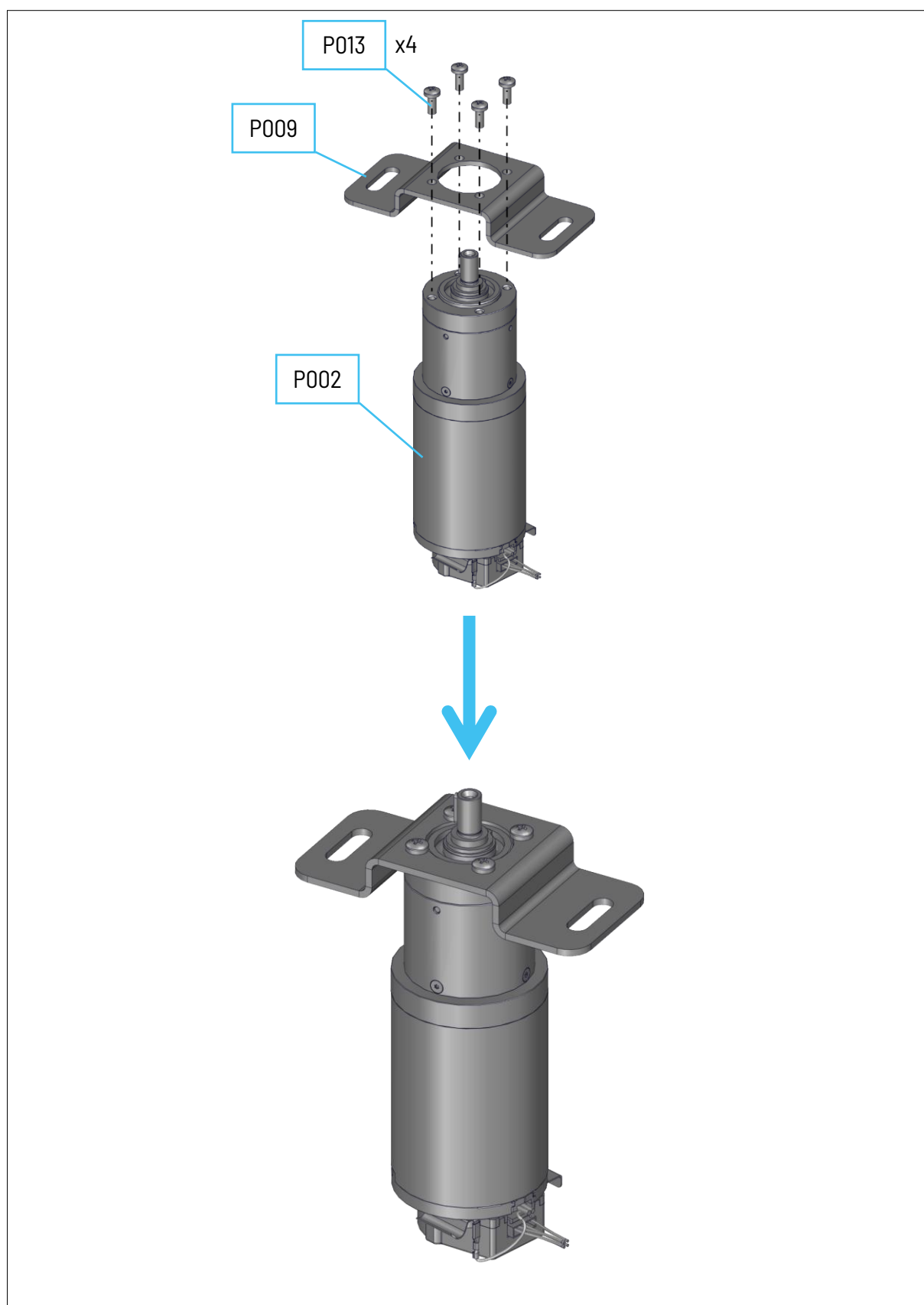
4.1 Spanneinheit an Kämpfer montieren

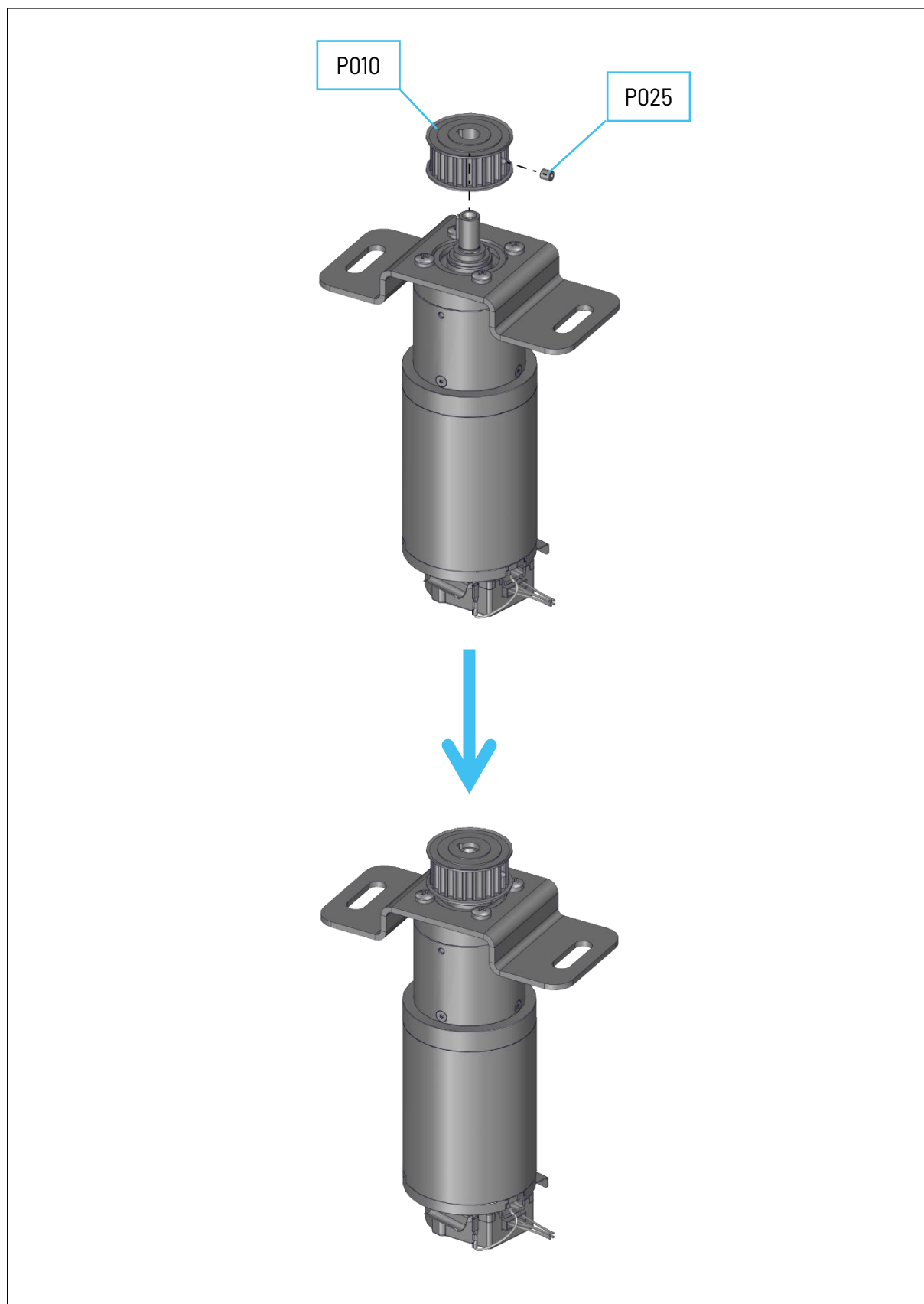


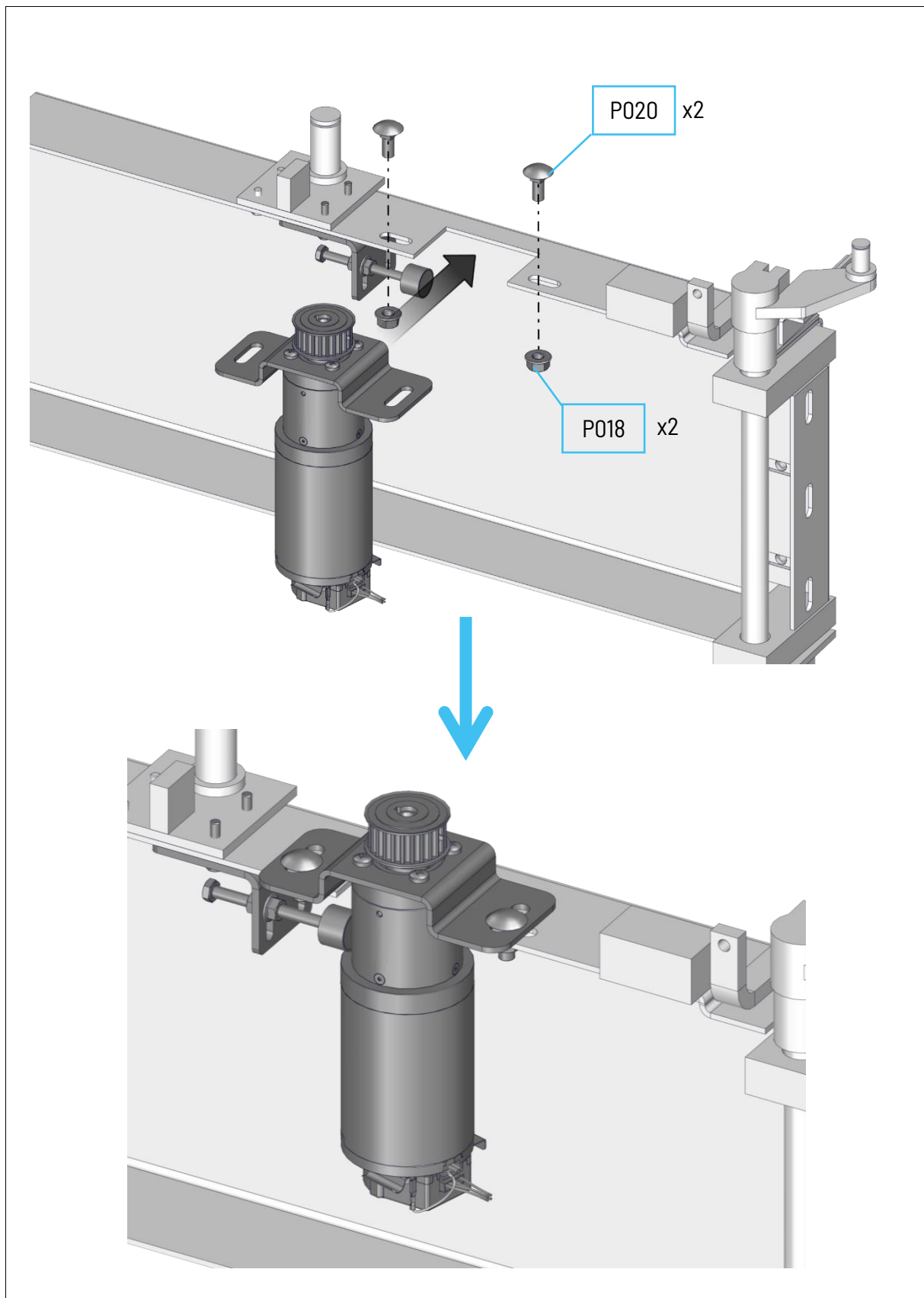


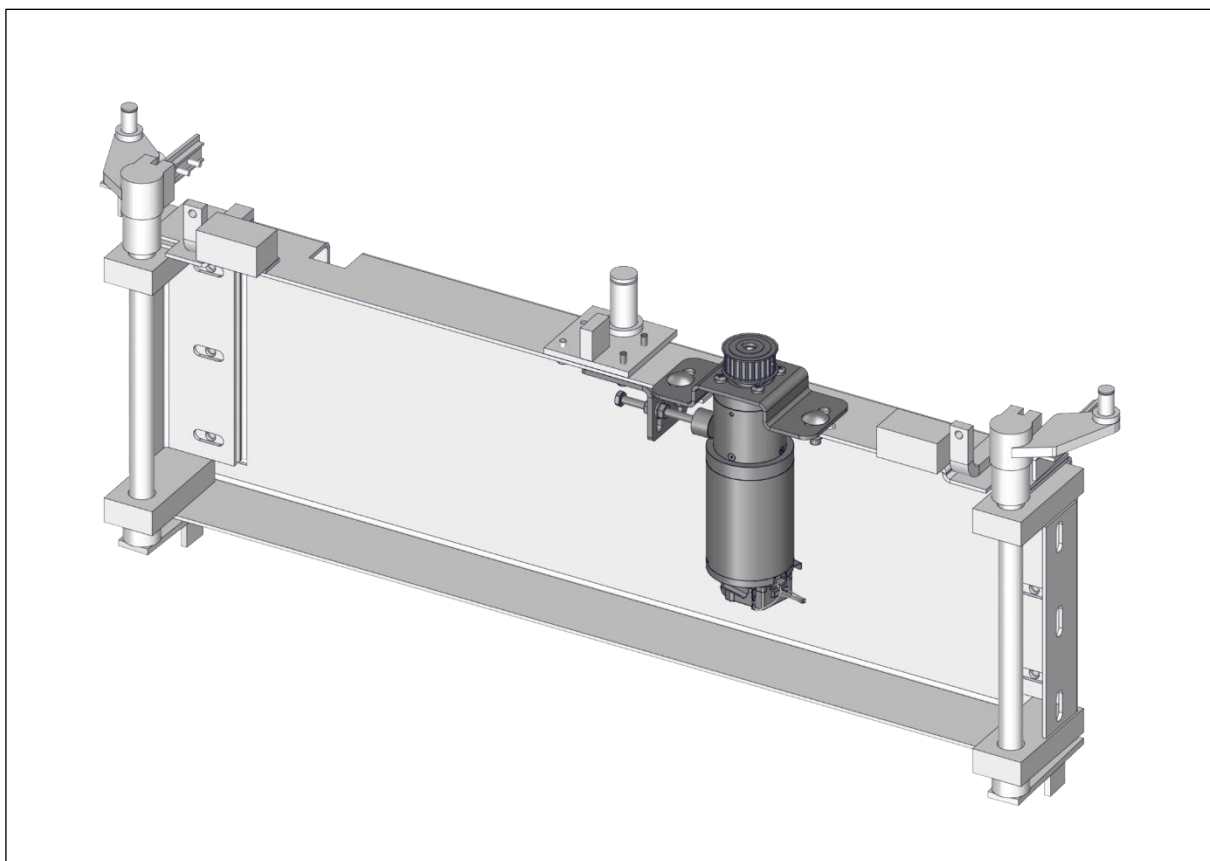


4.2 Motoreinheit an Kämpfer montieren

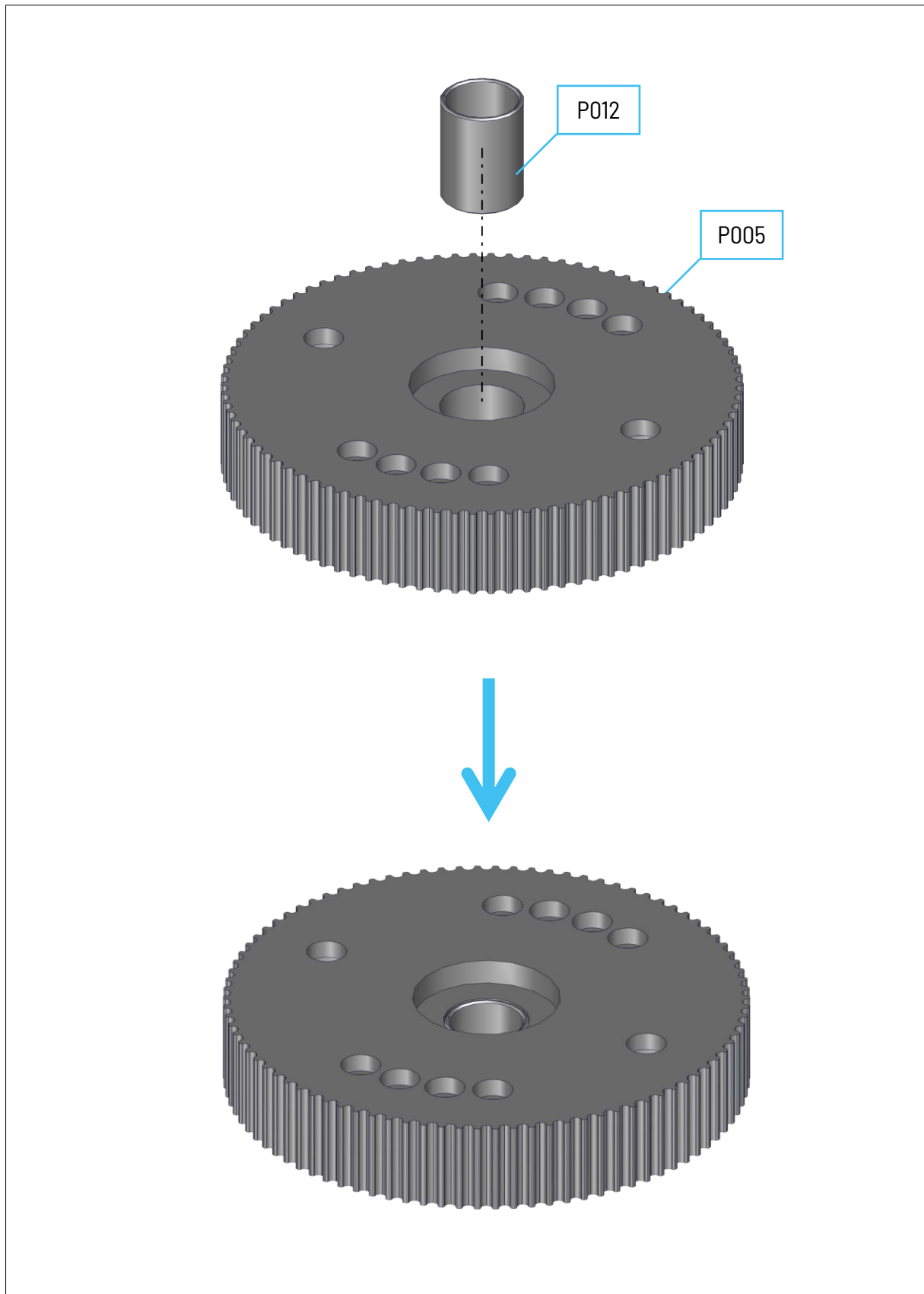


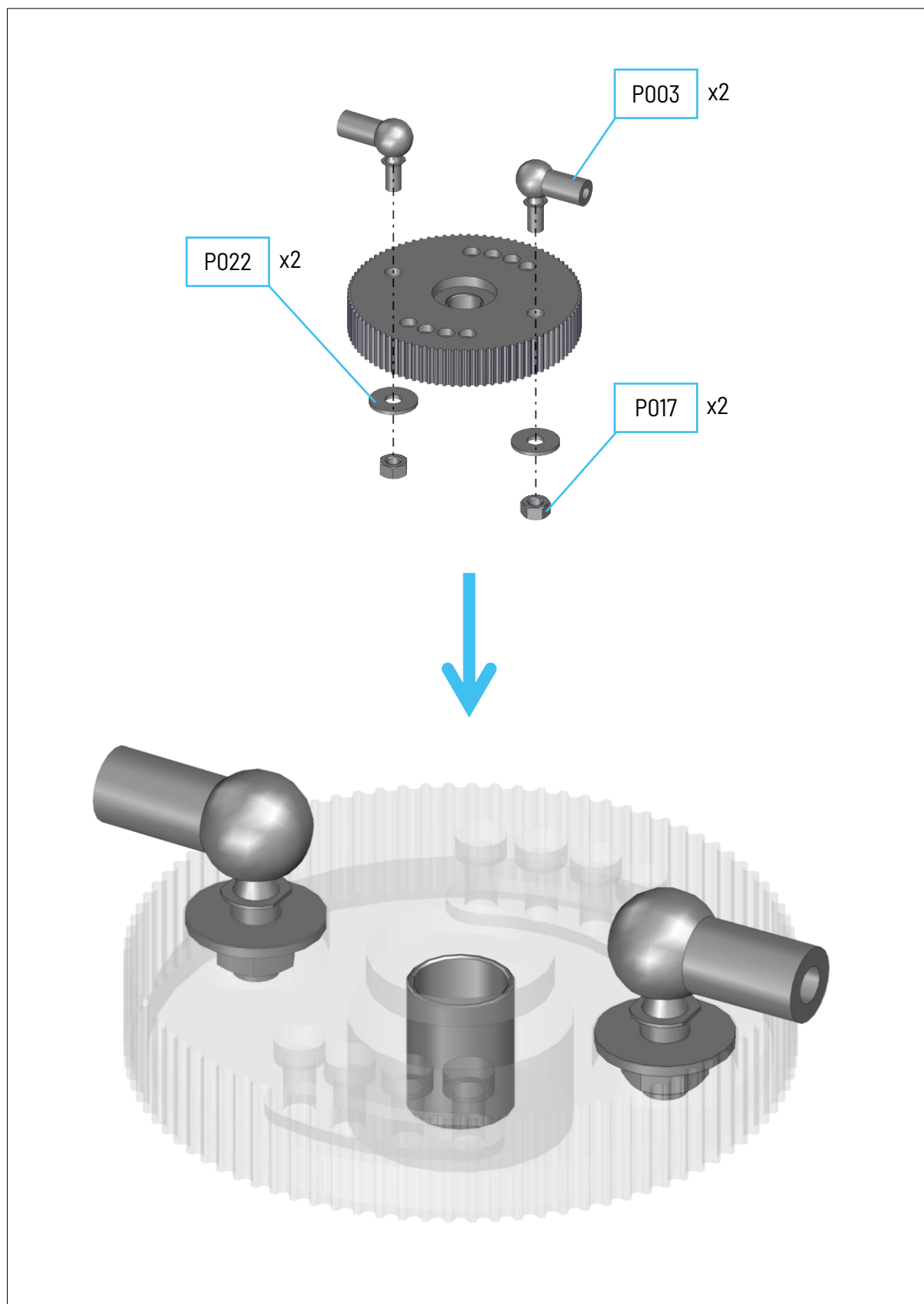


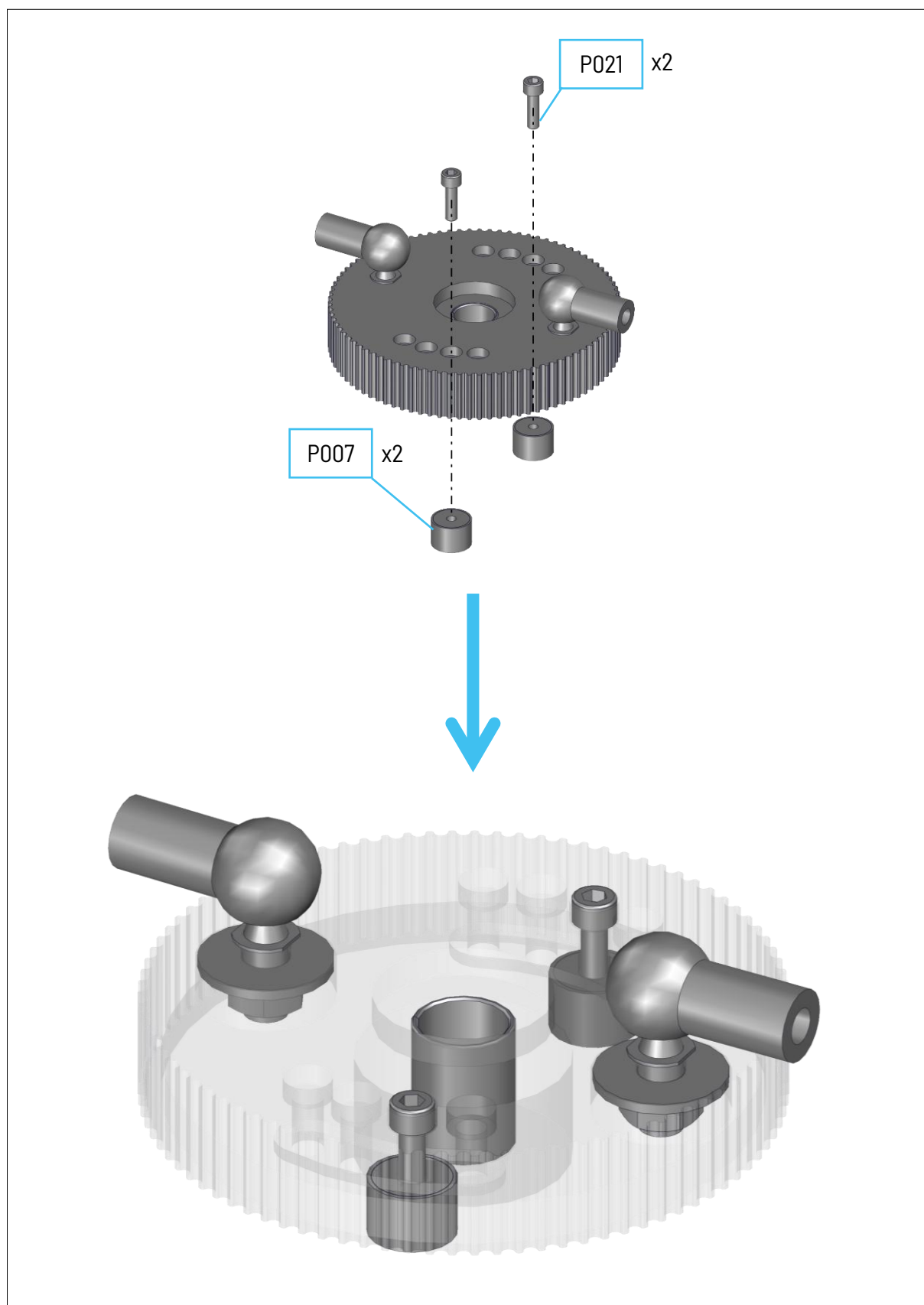


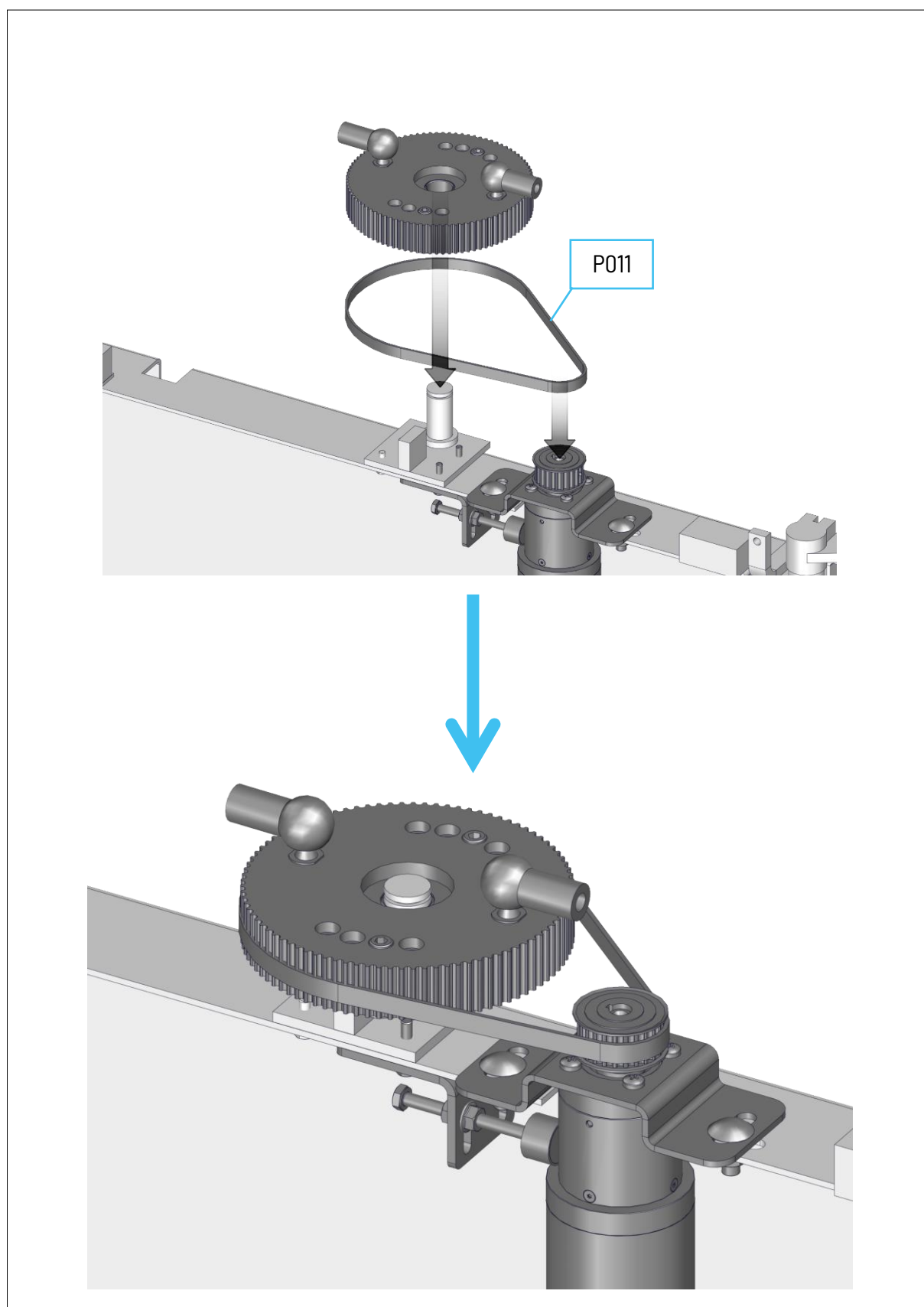


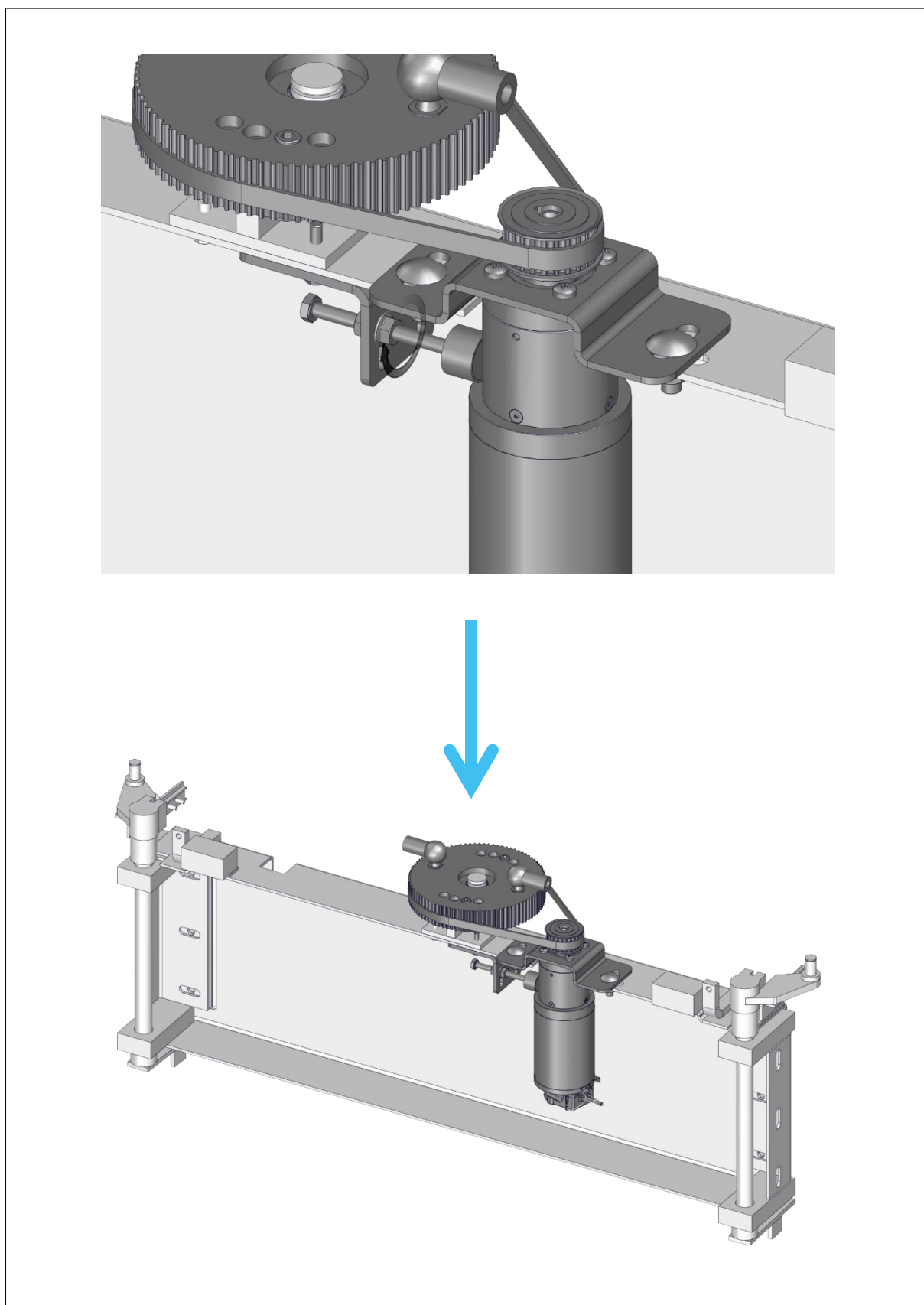
4.3 Drehkranz montieren



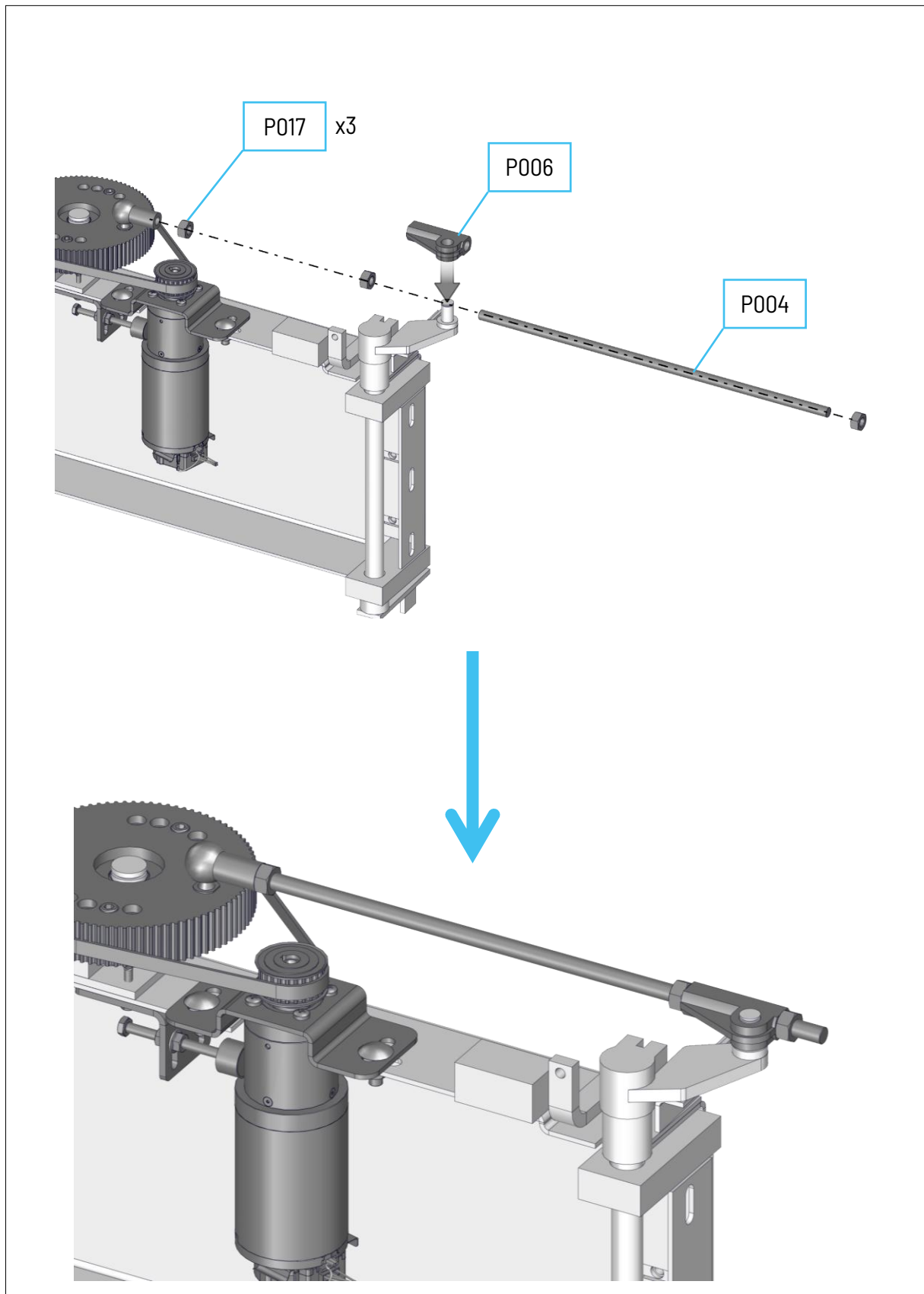


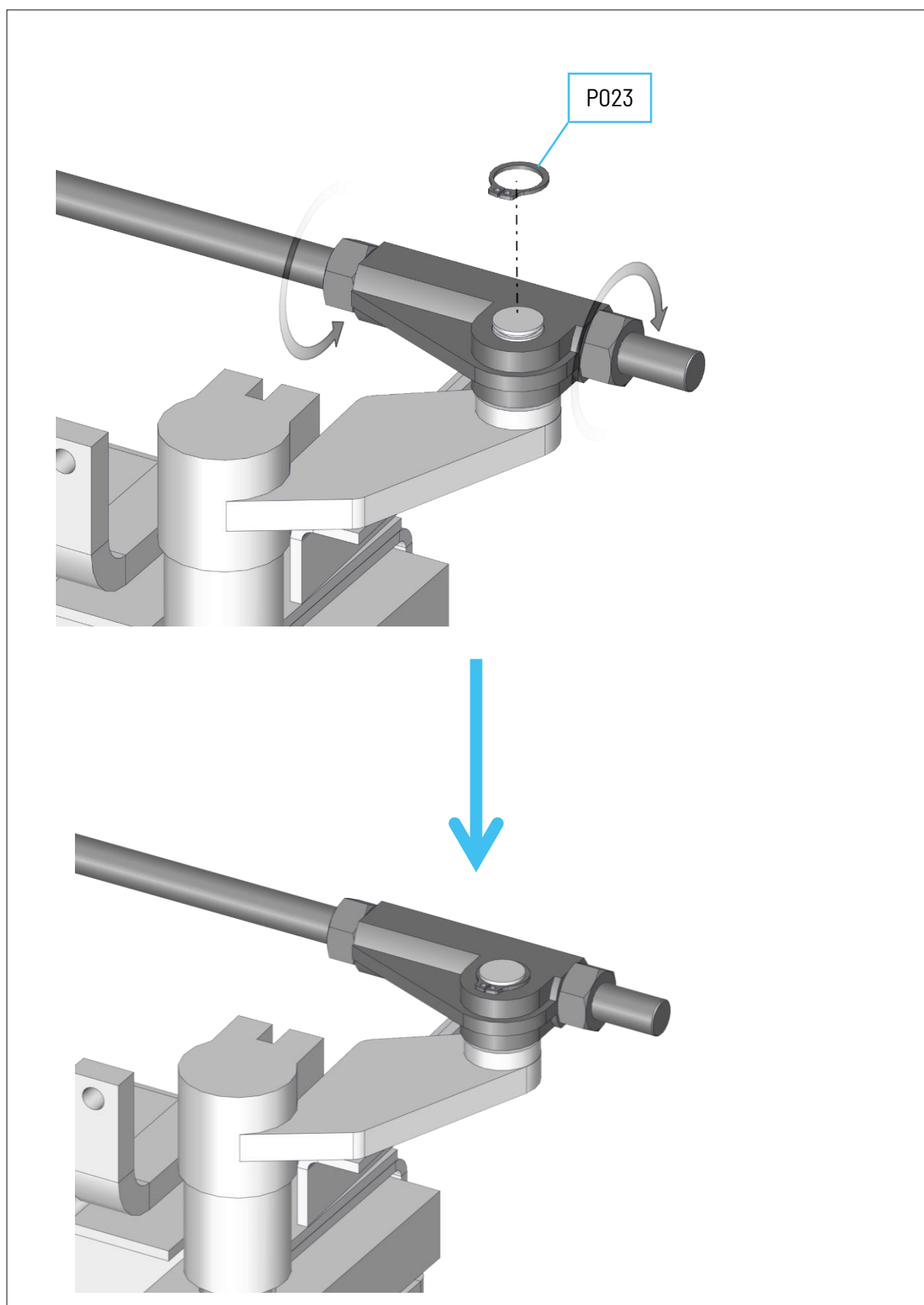


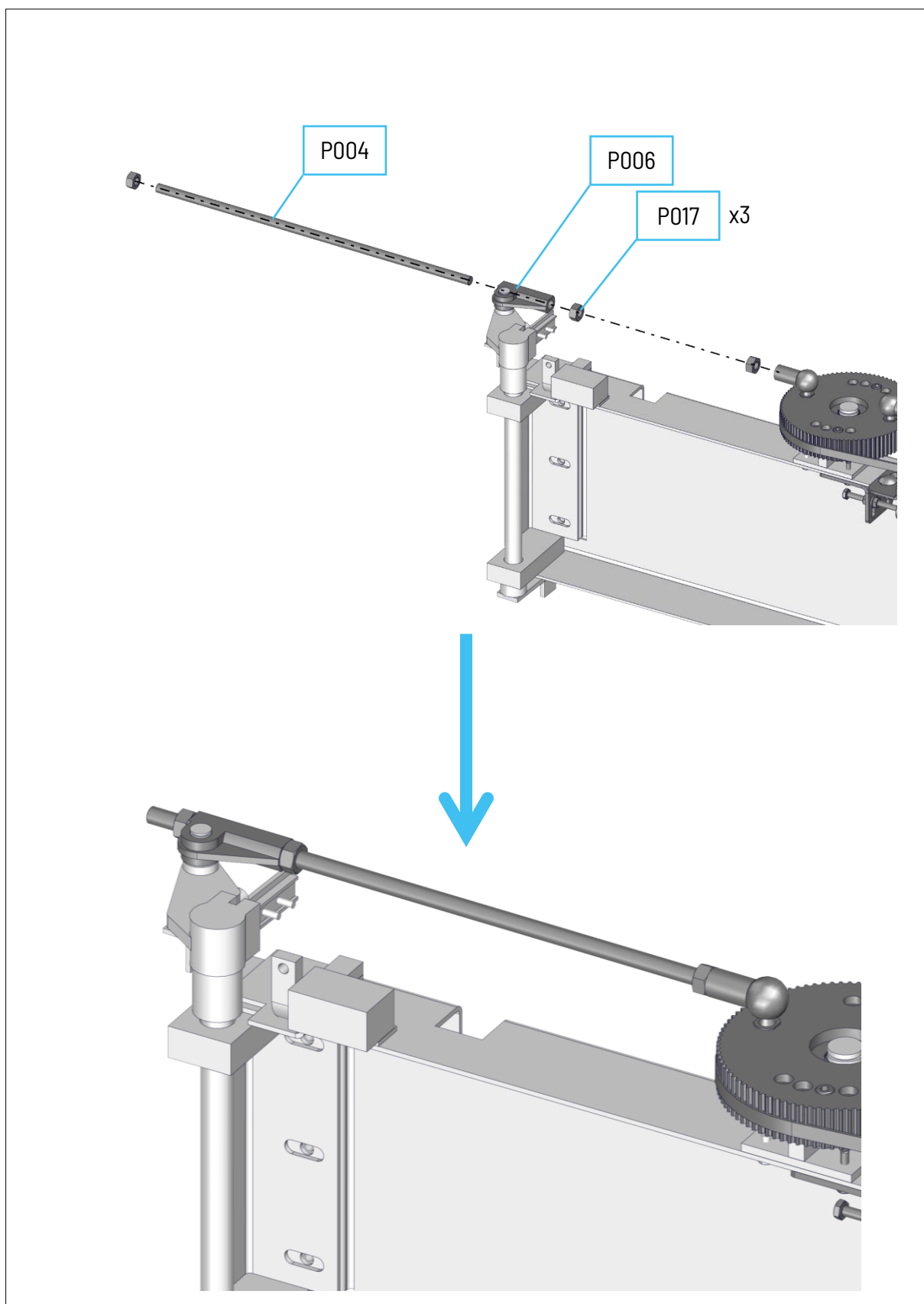


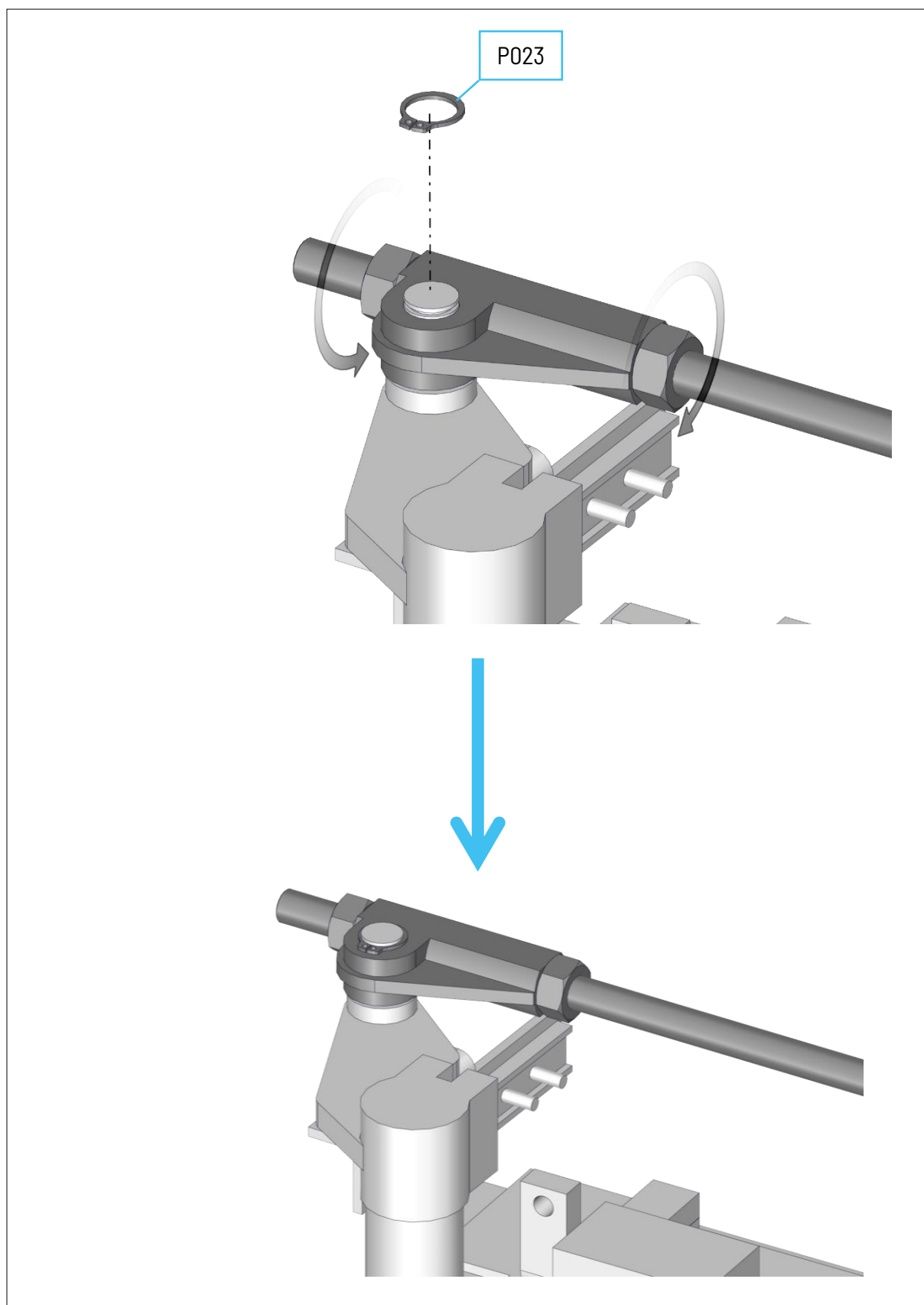


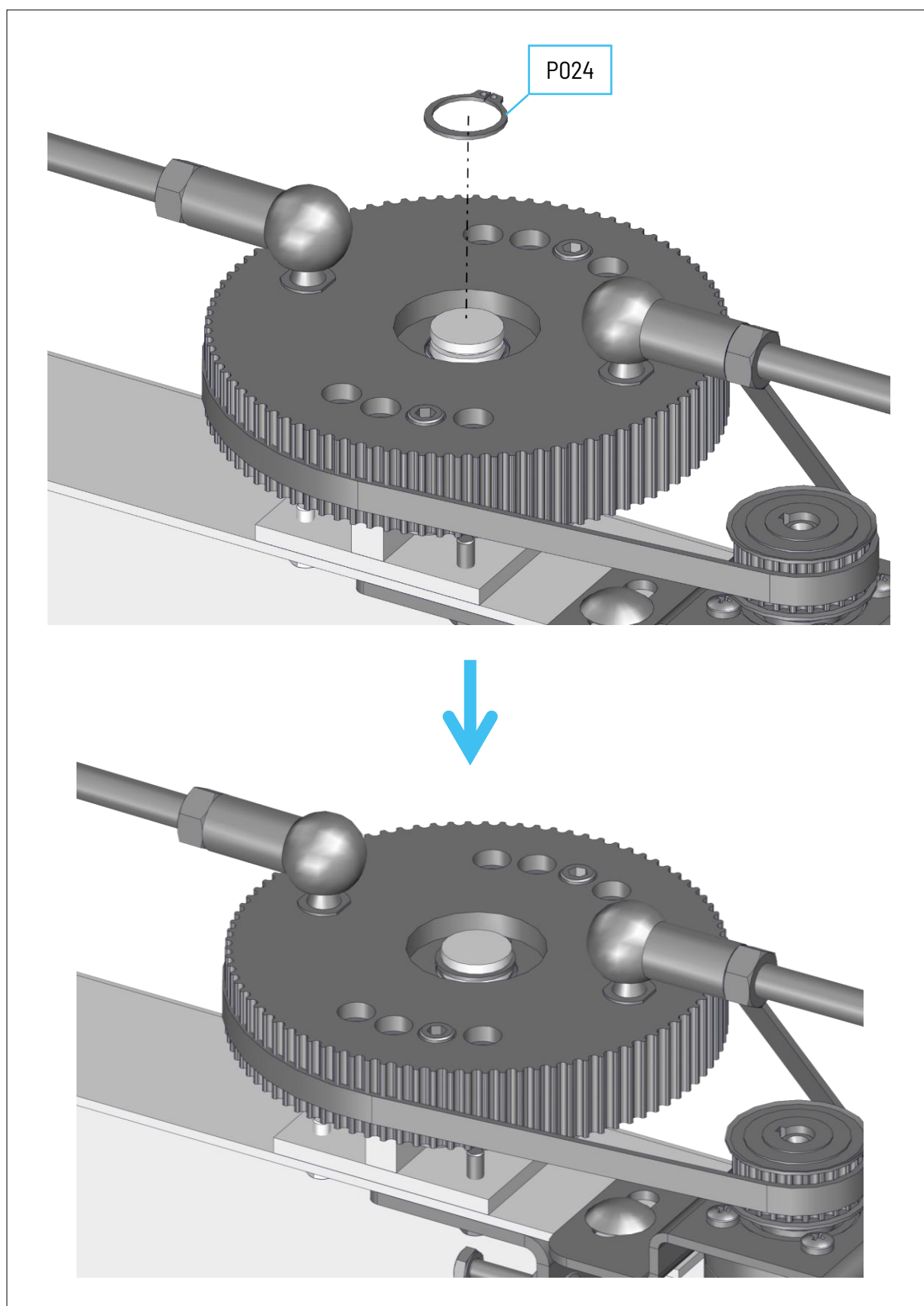
4.4 Hebelarme montieren

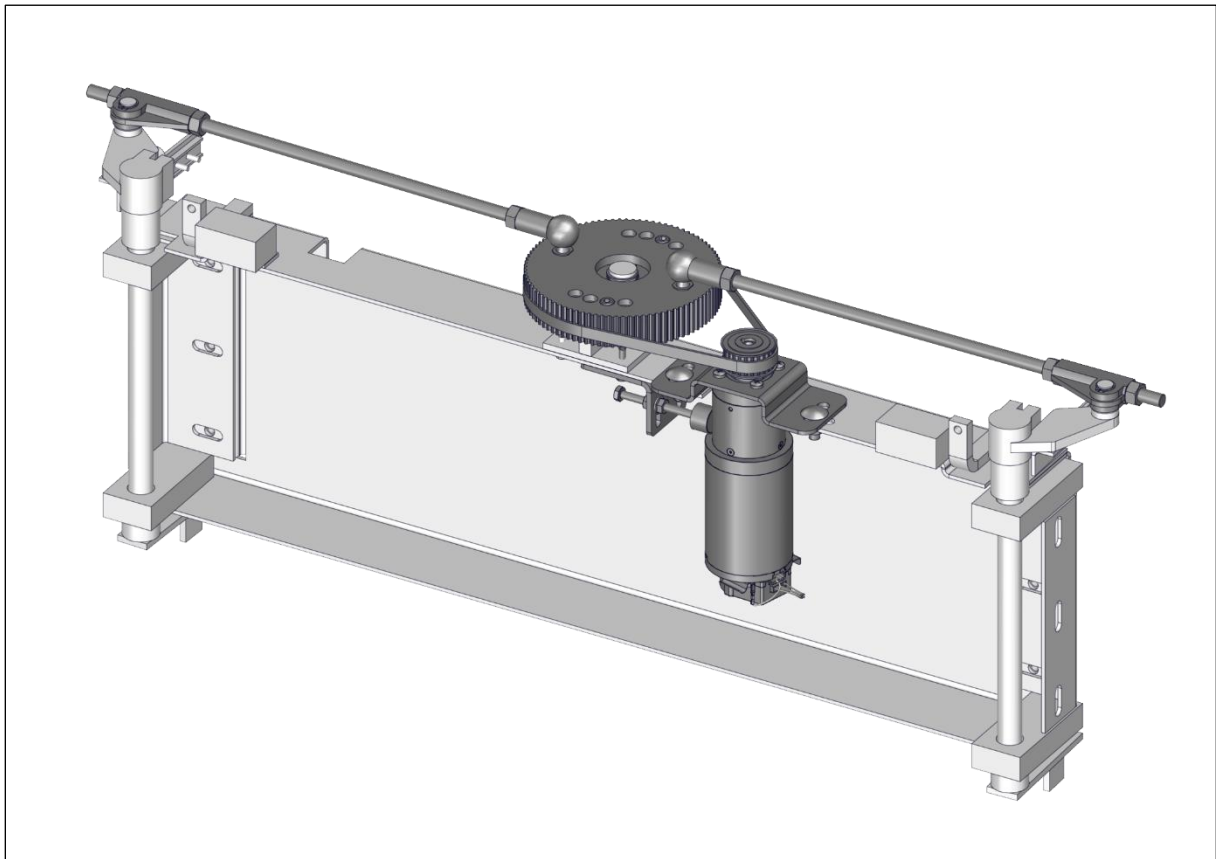












5. Türsteuergerät montieren, anschließen und in Betrieb nehmen

Die Montage, der Anschluss und die Inbetriebnahme des Türsteuergeräts sind in der **Montageanleitung** ausführlich beschrieben, die dem Türsteuergerät beiliegt.