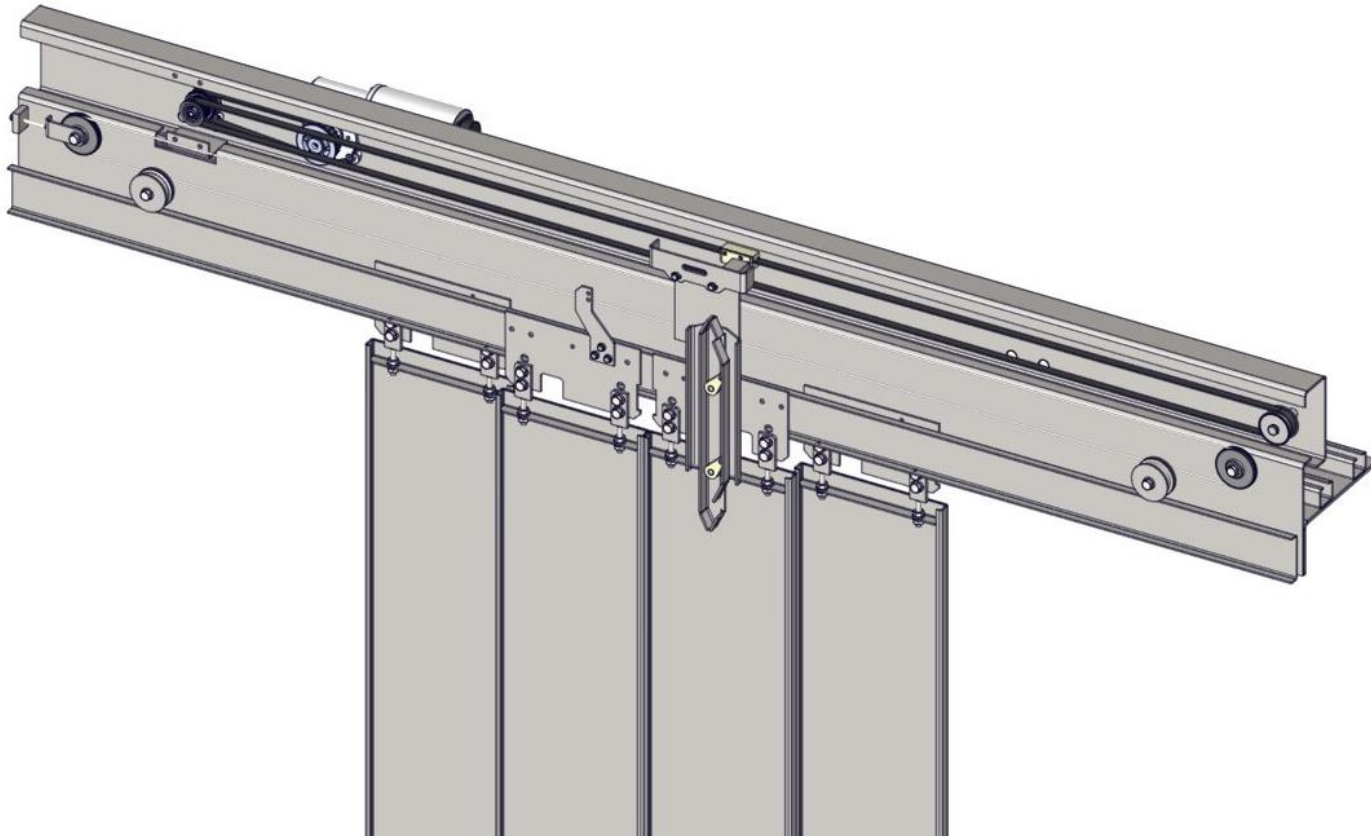


Montageanleitung **Assembly Instruction**

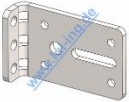
TSG in IGV Gemini **TSG in IGV Gemini**

TSG in IGV Gemini – **TSG in IGV Gemini**



Lieferumfang – scope of supply

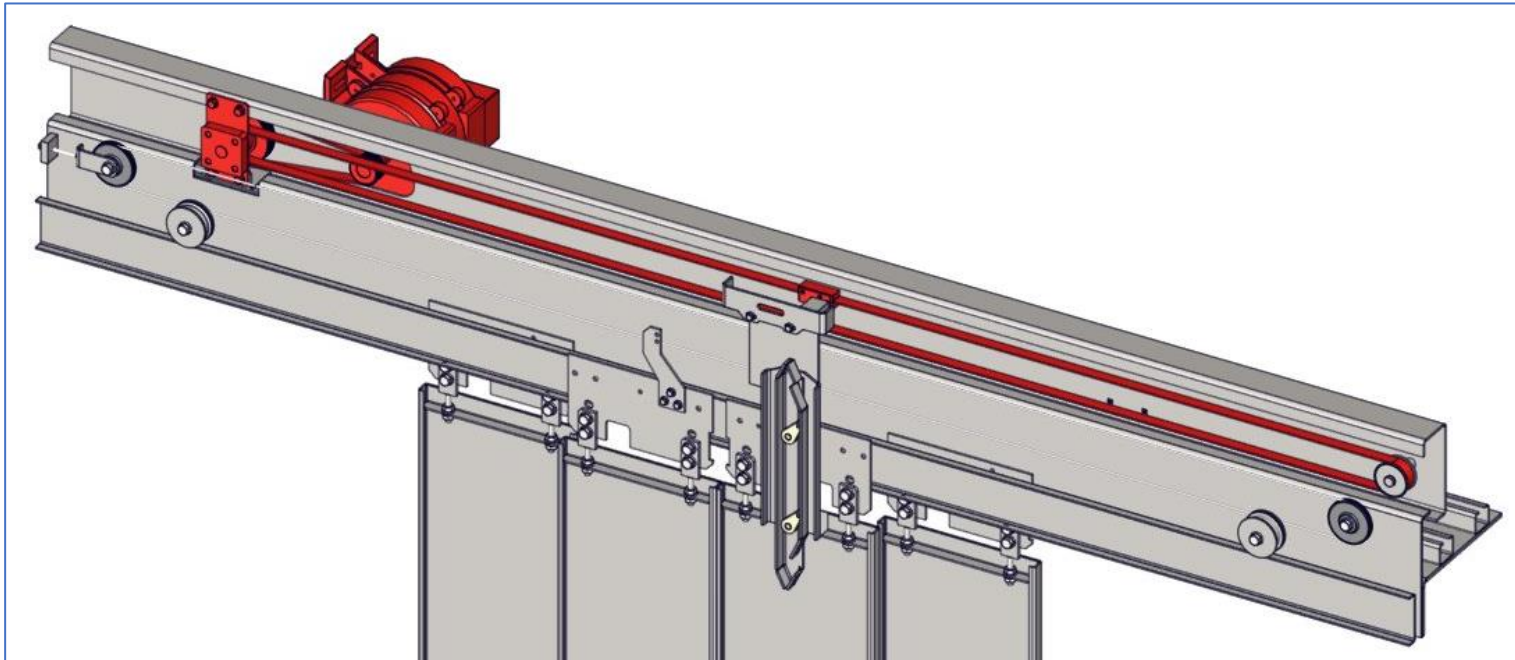


picture	Number	description DE	description EN	quantity
	8.20.00101.04	TSG V4 Lift Door Operator -Electronic extern- 230[VAC]/50-60[Hz]	TSG V4 Lift Door Operator -Electronic extern- 230[VAC]/50-60	1
	8.20.4000x.X1	Motor Gross Rechts/Links & Getriebe, ohne Zahnrad, 24V/5,1A/1:15	Motor Large Right/Left & Gearbox, without wheel, 24V/5,1A/1:15	1
	1.20.60160	Zahnriemenrad, STD8M, d=14H7, D=56[mm], B=15[mm], mit Nut	timing belt pulley, STD8M, d=14H7, D=56[mm], B=15[mm]	1
	1.20.60530	Spannwinkel für Motorhalterung	clamping bracket for drive bracket	1
	1.20.60061	TSG Motorspannwinkel, Ausführung 'Hut'	TSG motor clamping bracket, 'hat' version	1
	1.20.33100	Grundplatte Kombiwinkel für IGV Gemini	base plate universal bracket for IGV Gemini	1
	1.20.31110	Befestigungsblech Doppelzahnriemenscheibe für IGV Gemini	mounting plate double timing belt pulley for IGV Gemini	1
	1.20.31120	Gewindeplatte für Profilschiene für IGV Gemini	threaded plate for mounting profile for IGV Gemini	3

picture	Number	description DE	description EN	quantity
	1.20.92307	Doppelzahnriemenscheibe D1=ca. 39mm, D2=ca. 33mm, S8M /HTD5M	double timing belt pulley, D1=ca. 39mm, D2=ca. 33mm, S8M /HTD5M	1
	8.20.45230	Schraubentüte	screw bag	1
	1.36.01760	Schraube mit abgeflachtem Halbrundkopf mit Bund M6x16	screw with flattened half round head with collar M6x16	4
	1.36.00175	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M10x25	hexagonal bolt, thread up to head DIN933 vz 8.8 - M10x25	3
	1.36.00470	Scheibe DIN125A vz - 10,5	washer DIN125A vz - 10,5	3
	1.36.00115	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x40	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x40	2

Vor Umbau entfernen – remove before conversion

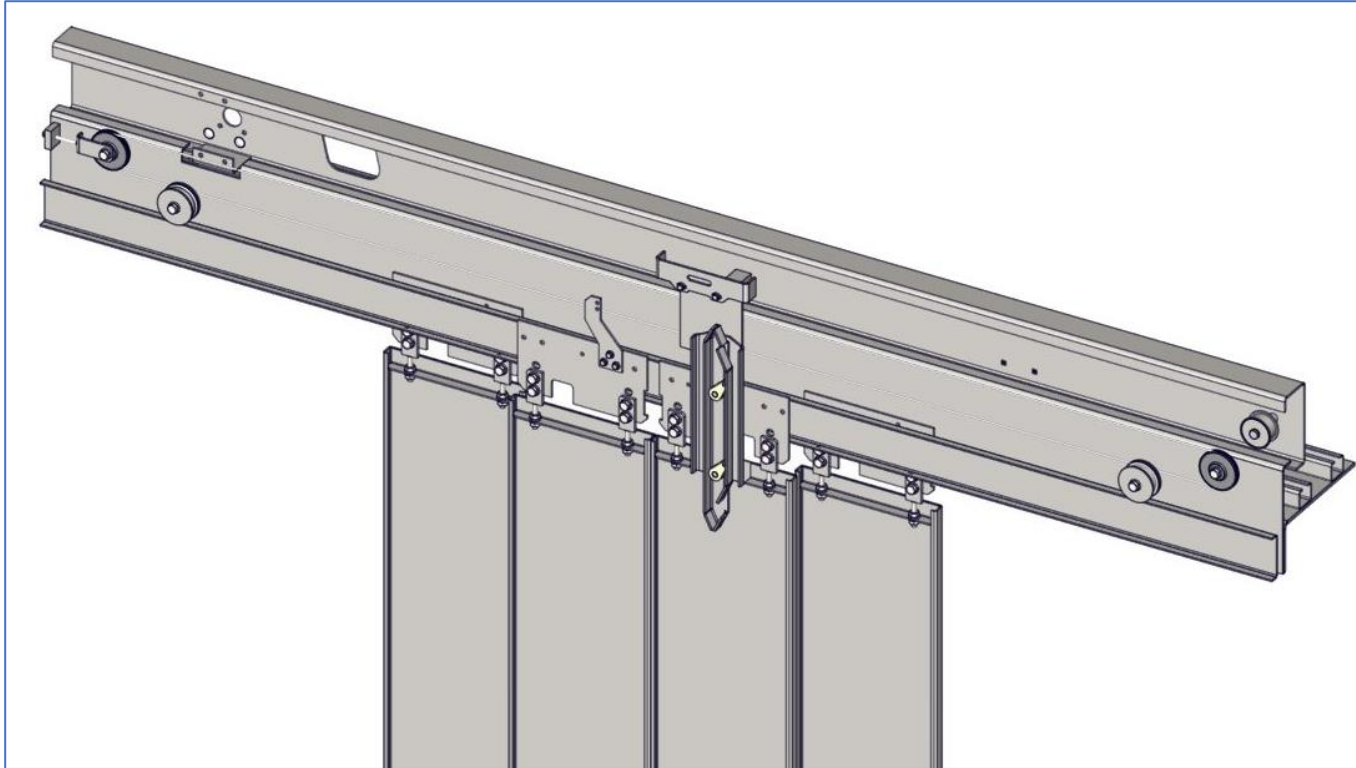
Z



TR Montage wie bei Z –
TR assembly as for Z
TL spiegelbildlich –
TL mirrored

Nach Demontage – After disassembly

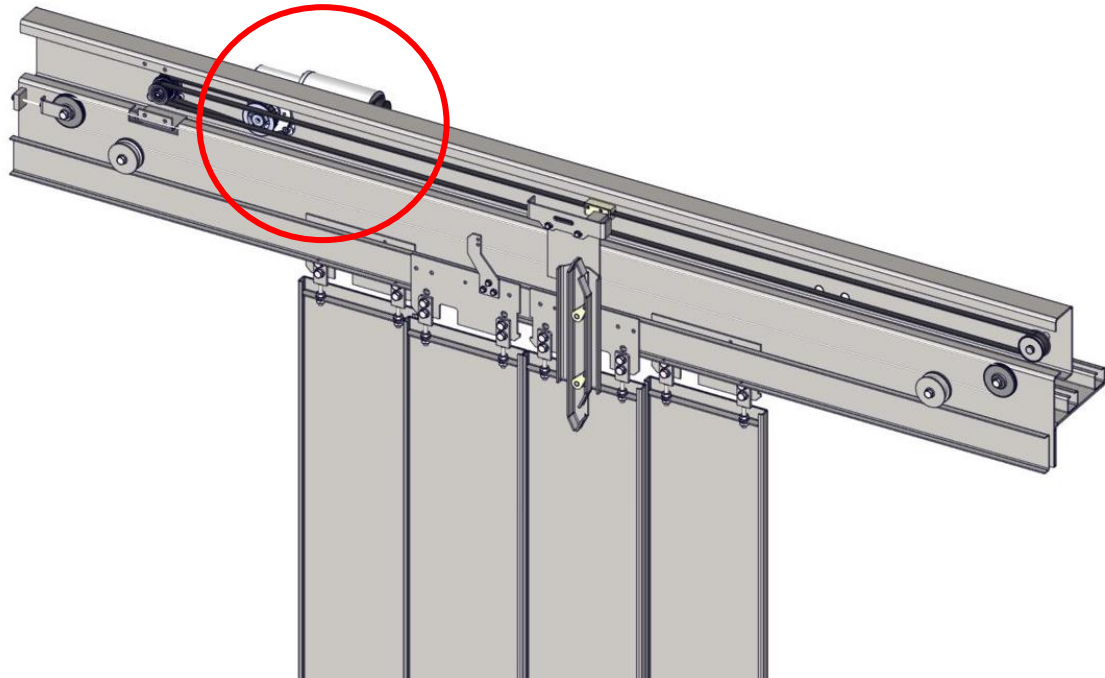
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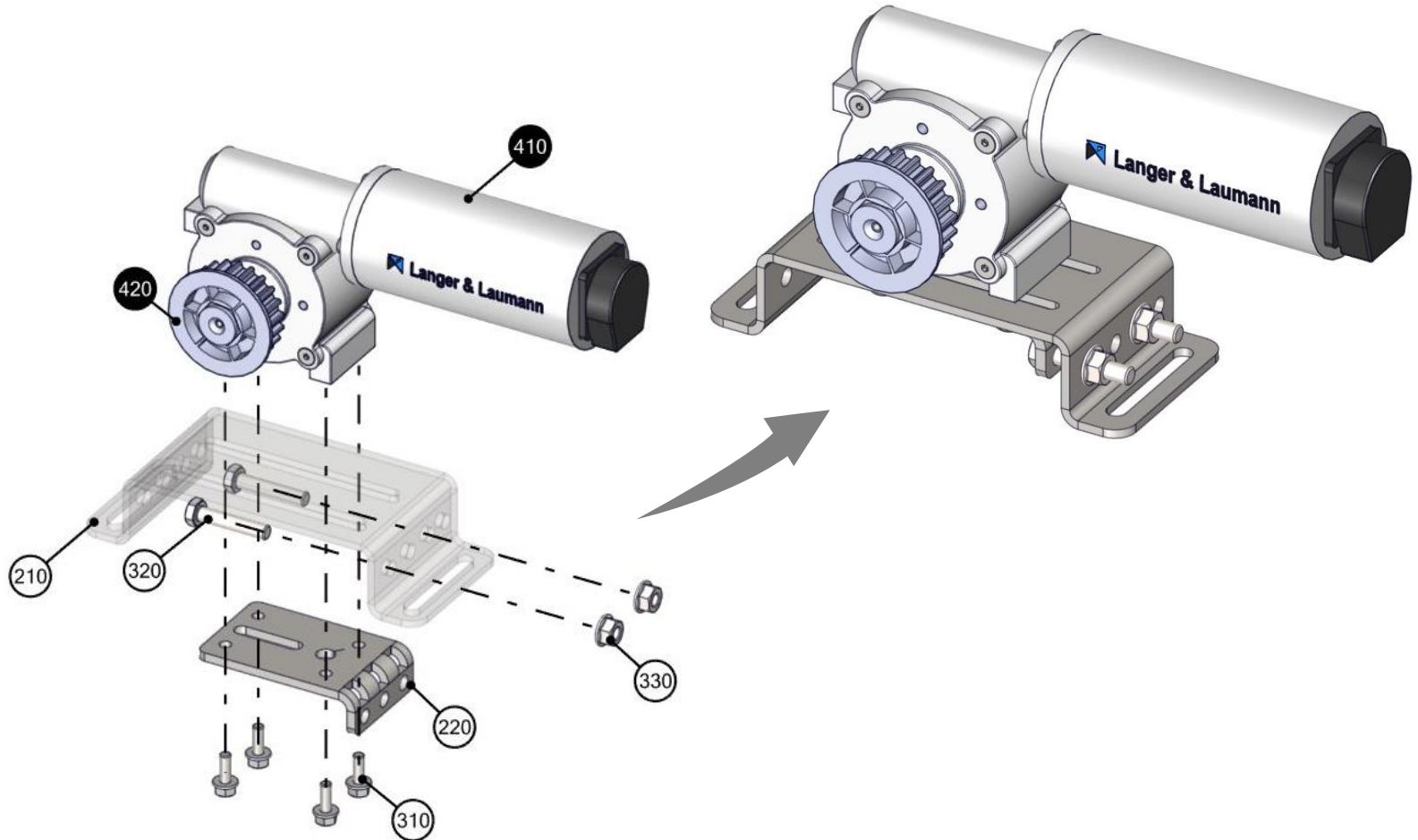
TR Montage wie bei Z –
TR assembly as for Z
TL spiegelbildlich –
TL mirrored

Montage Motor – assembly of the motor

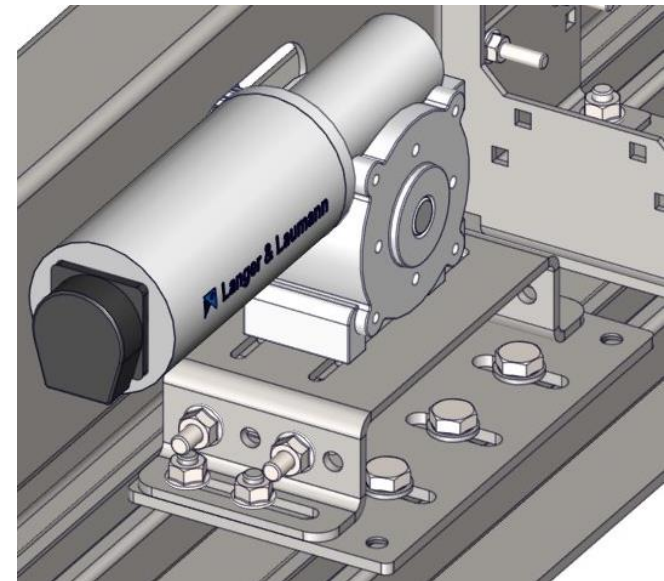
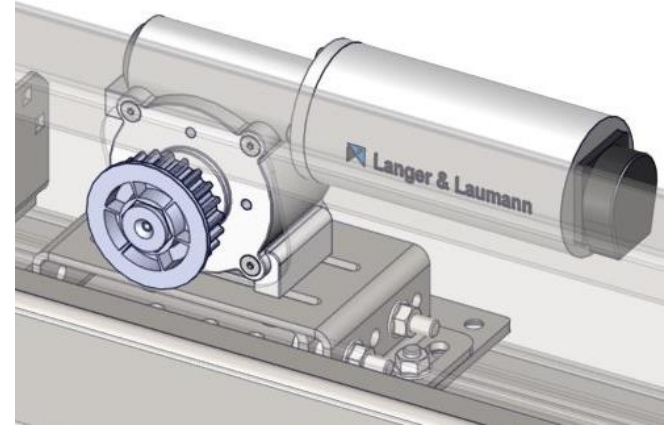
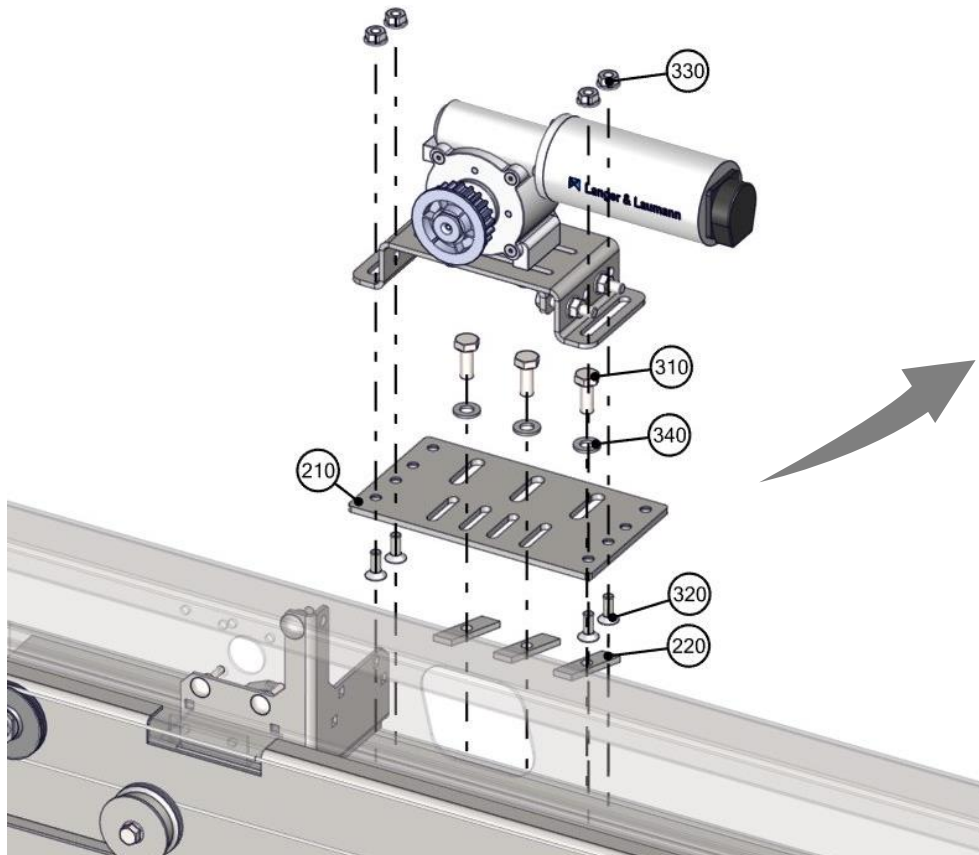
Z



TR Montage wie bei Z –
TR assembly as for Z
TL spiegelbildlich –
TL mirrored



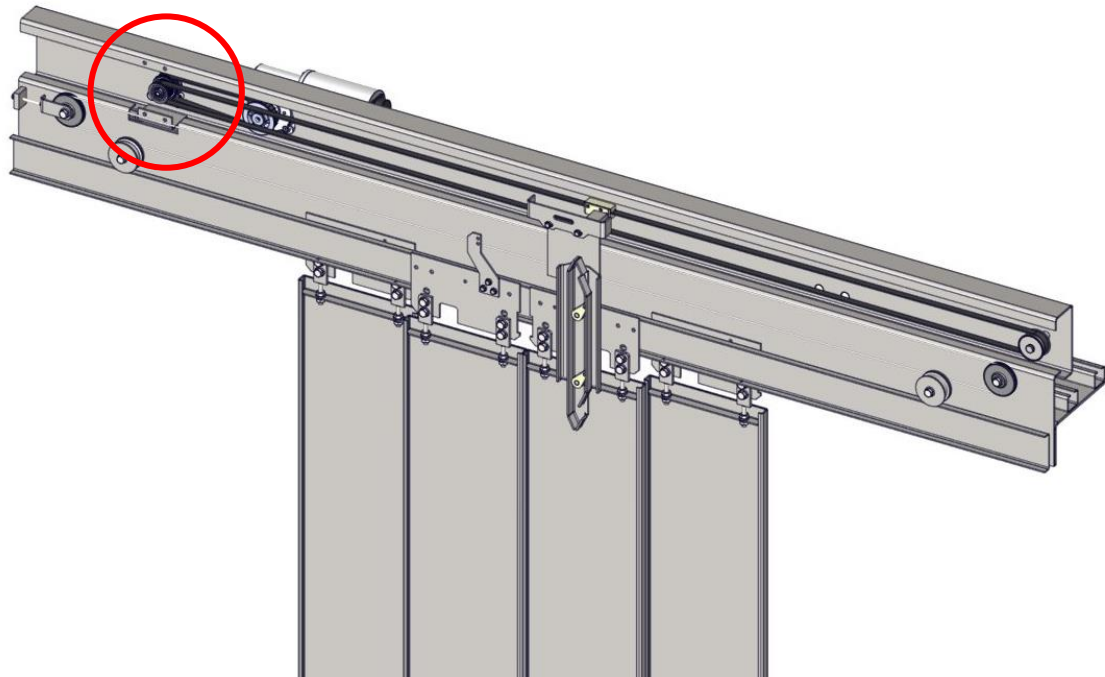
Pos.	Number	Description DE	Description EN	Menge
210	01.20.60061	TSG Motorspannwinkel, Ausführung Hut (nur K-Antriebe)	TSG motor clamping bracket, "hat" version (only K drives)	1
220	01.20.60530	Spannwinkel für Motorhalterung für Thy F9	clamping bracket for drive bracket for Thy F9	1
310	01.36.00138	Sperrzahnschraube WN0274 A2C 8.8 - M6x16	hexagon head serrated screw WN0274 A2C 8.8 - M6x16	4
320	01.36.00115	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x40	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x40	2
330	01.36.00501	Sperrzahnmutter ähnlich DIN6923 vz - M8	serrated locking nut, similar to DIN6923 vz - M8	2
410	08.20.40002.K1	Motor Gross Rechts & Getriebe, ohne Zahnrad, 24V/5,1A/1:15	motor large right & gearbox, without wheel, 24V/5,1A/1:15	1
420	01.20.60160	Zahnriemenrad, STD8M, d=14H7, D=56[mm], B=15[mm], mit Nut	timing belt pulley, STD8M, d=14H7, D=56[mm], B=15[mm]	1



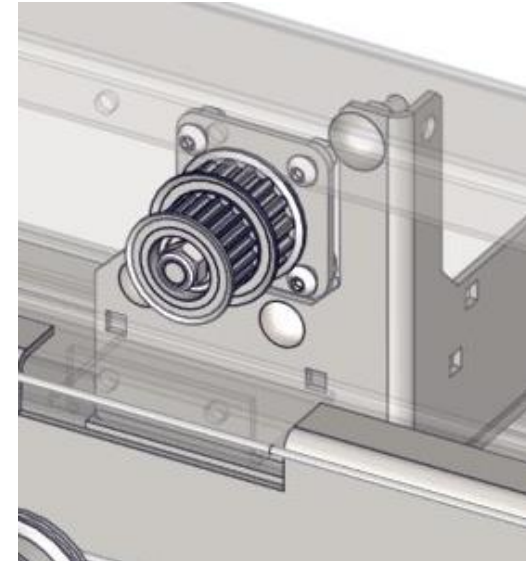
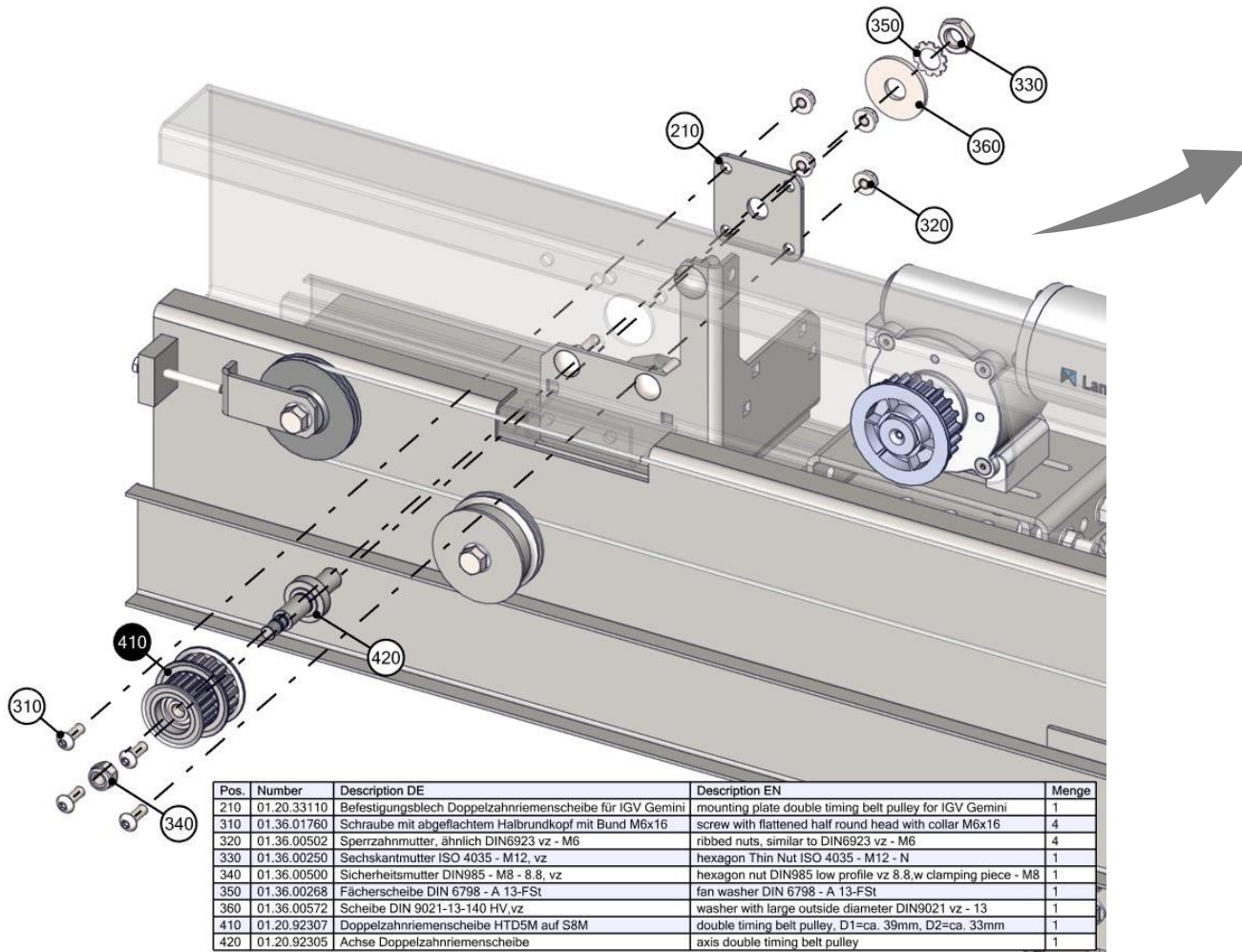
Pos.	Number	Description DE	Description EN	Menge
210	1.20.33100	Grundplatte Kombiwinkel für IGW Gemini	base plate universal bracket for IGW Gemini	1
220	1.20.33120	Gewindeplatte für Profilschiene für IGW Gemini	threaded plate for mounting profile for IGW Gemini	3
310	01.36.00175	Sechskantschraube ISO 4017 - M10x25 - 8.8, vz	hexagonal bolt, thread up to head DIN933 vz 8.8 - M10x25	3
320	01.36.00380	Senkschraube m. Innensechskant ISO10642-M8x20-8.8	crew w. recessed head DIN7991 vz8.8 - M8x20	4
330	01.36.00501	Sperrzahnmutter ähnlich DIN6923 vz - M8	serrated locking nut, similar to DIN6923 vz - M8	4
340	01.36.00470	Scheibe ISO 7090-10-140HV (DIN125) vz	washer DIN125A vz - 10,5	3

Montage Doppelzahnriemenscheibe – assembly of the double timing belt pulley

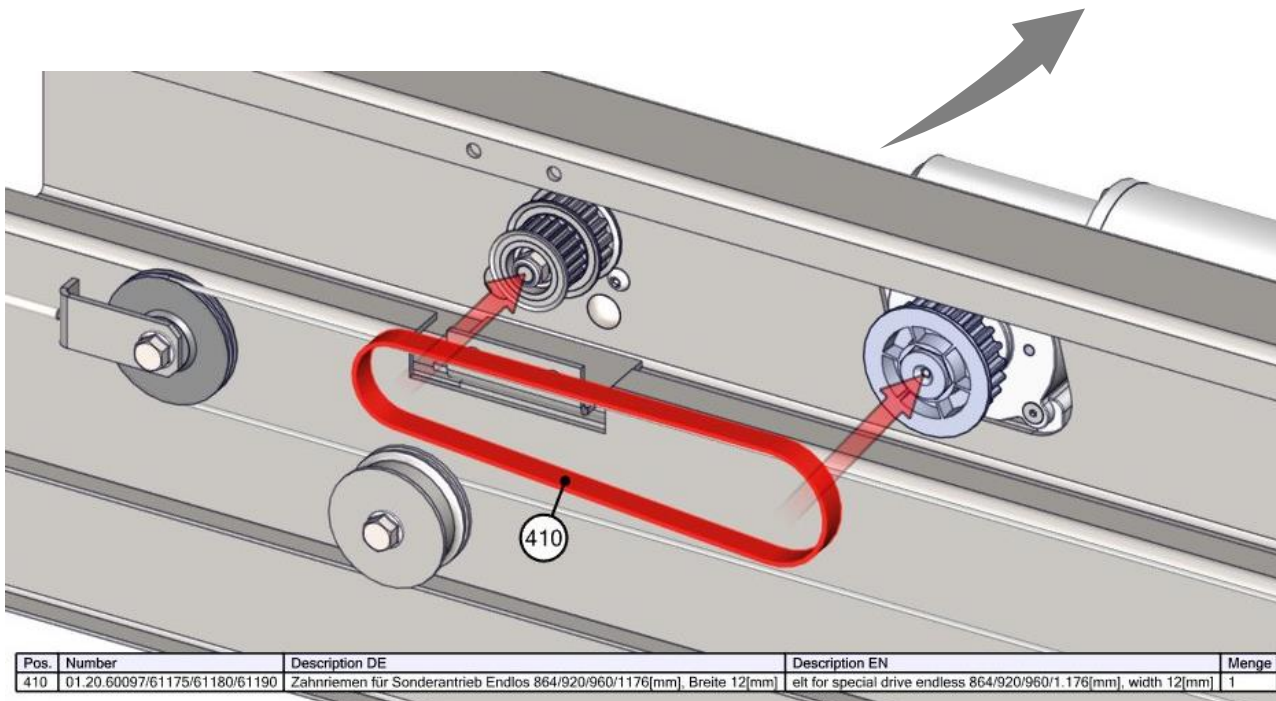
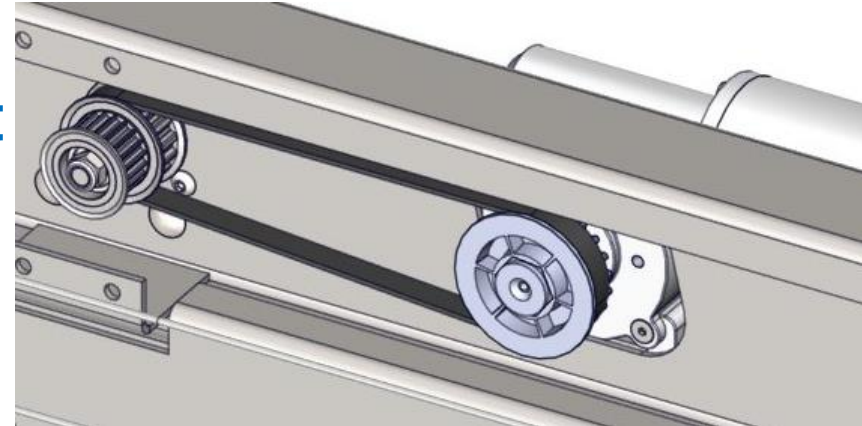
Z



TL spiegelbildlich –
TL mirrored

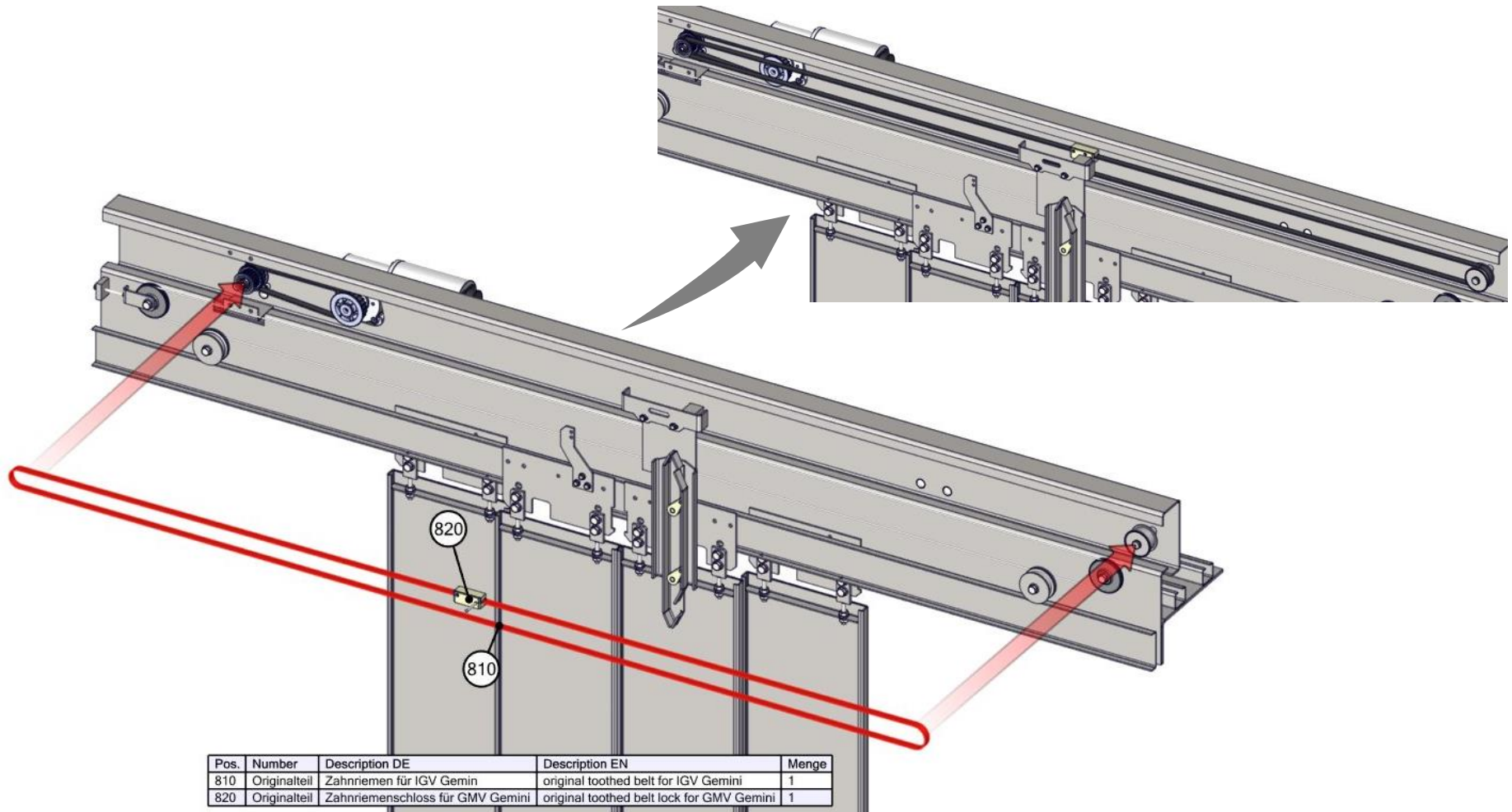


Montage Endloszahnriemen – assembly of the endless tooth belt

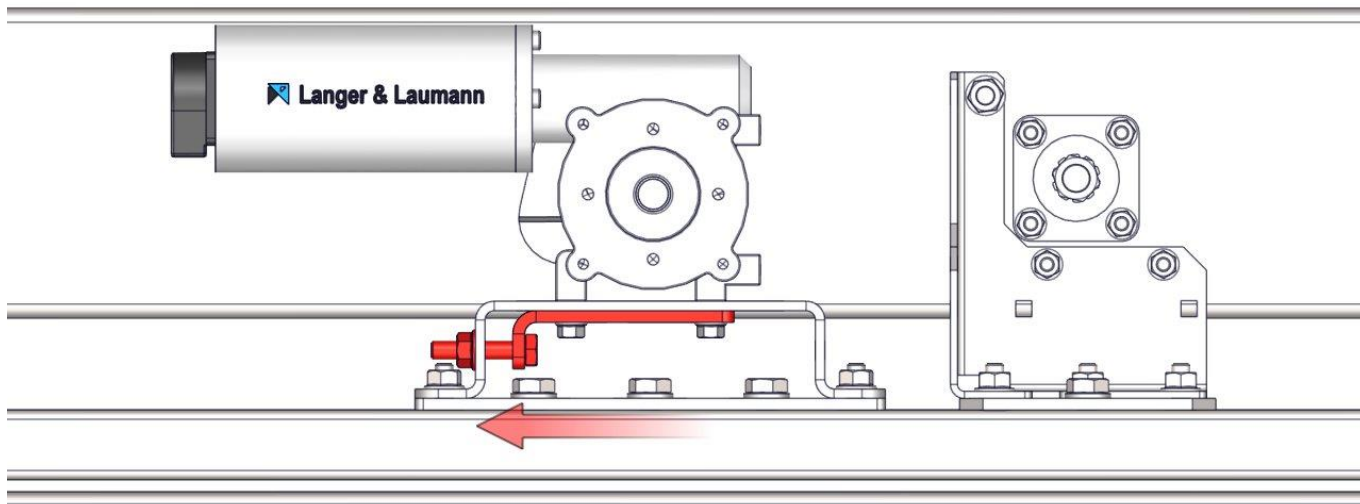


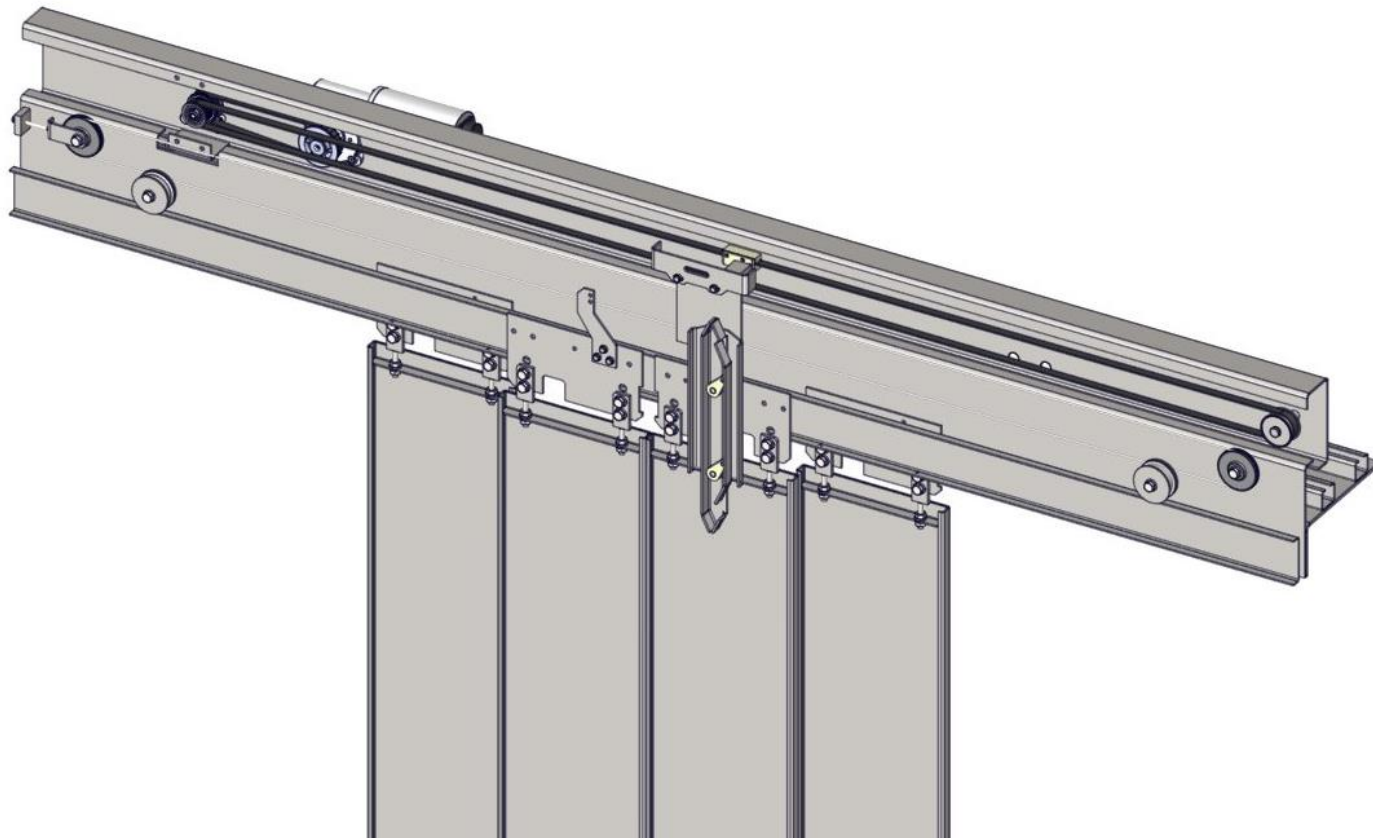
Pos.	Number	Description DE	Description EN	Menge
410	01.20.60097/61175/61180/61190	Zahnriemen für Sonderantrieb Endlos 864/920/960/1176[mm], Breite 12[mm]	elt for special drive endless 864/920/960/1.176[mm], width 12[mm]	1

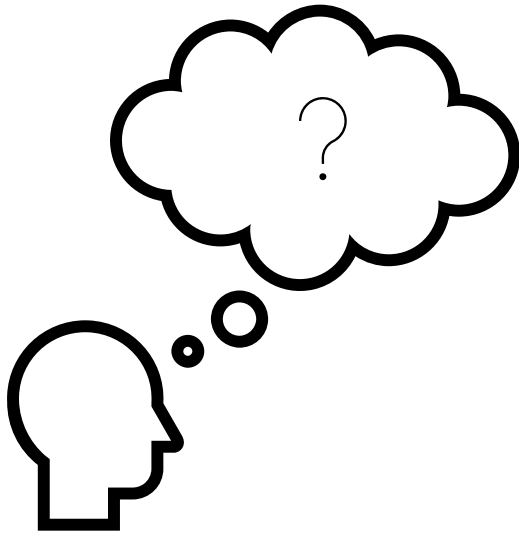
Montage Zahnriemen und Zahnriemenschluss – assembly of the tooth belt and tooth belt lock



Zahnriemen spannen - tensioning tooth belt







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