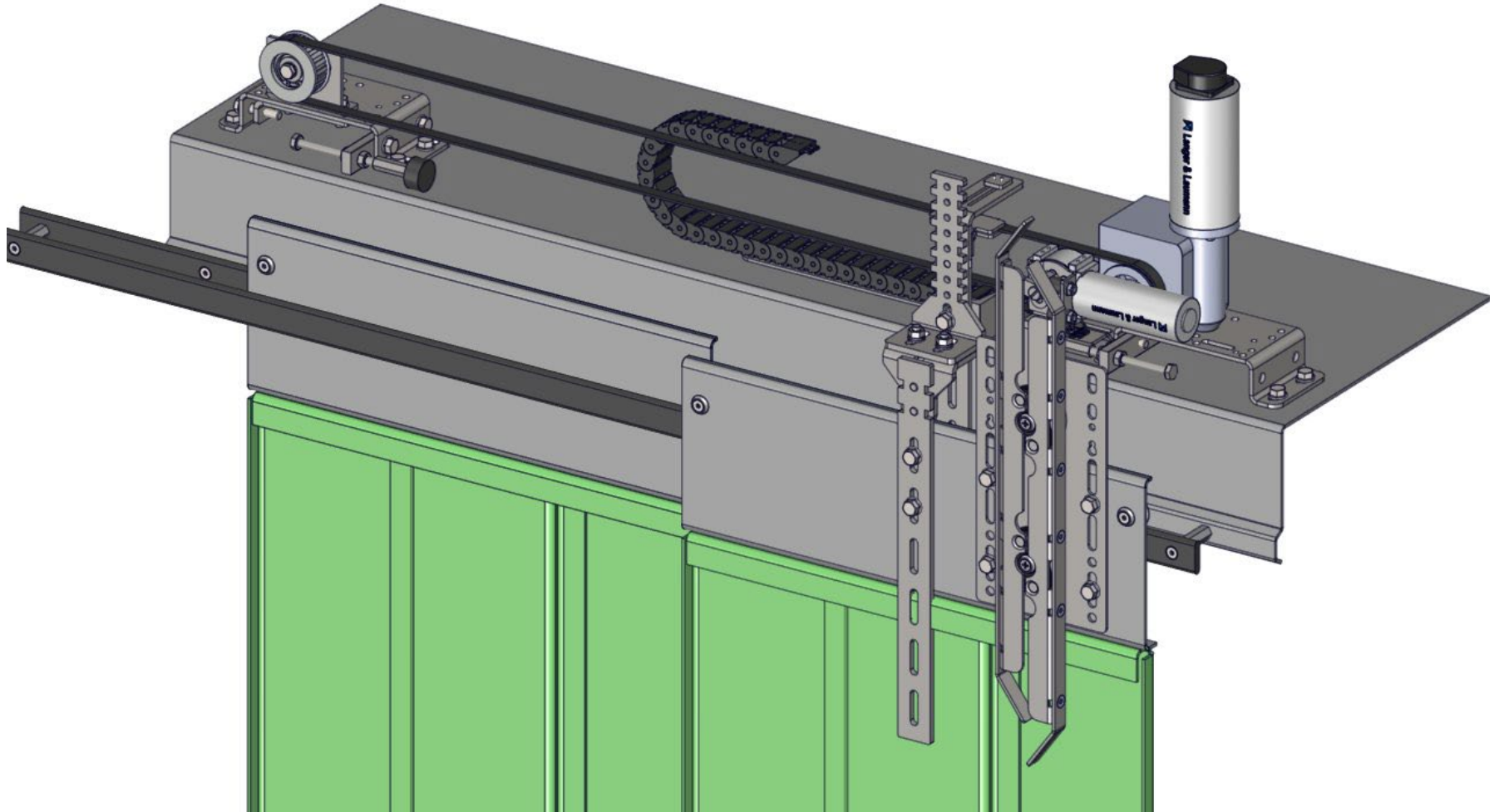


Montageanleitung **Assembly Instruction**

TSG inkl. E-Schwert für Kleindienst **TSG incl. electric skate for** **Kleindienst**

TSG inkl. E-Schwert für Kleindienst - TSG incl. electric skate for Kleindienst



Lieferumfang – scope of delivery

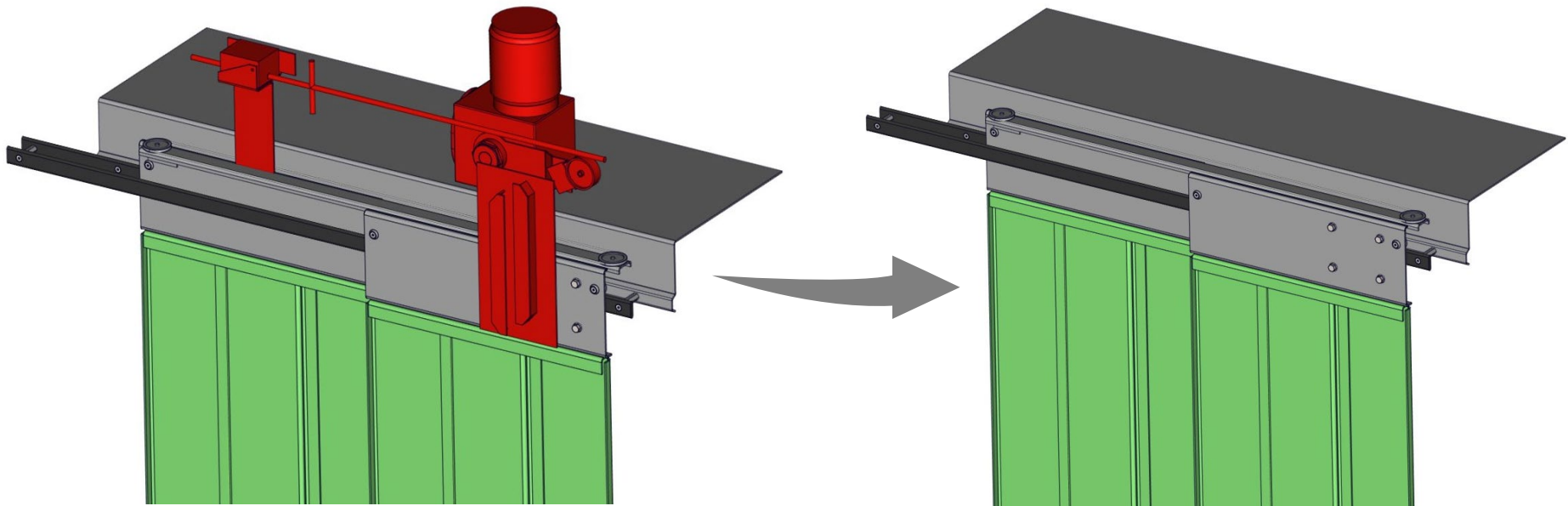


picture	Number	description DE	description EN	quantity
	8.20.00131.04	TSG V4 Lift Door Operator -Electronic extern-230[VAC]/50-60[Hz] +	TSG V4 Lift Door Operator -Electronic extern-230[VAC]/50-60	1
	8.20.40000.X1	Motor Gross Links & Getriebe, 24V/4,9A/1:15	Motor Large Left & Gearbox, 24V/4,9A/1:15	1
	8.20.20090	Elektrisches Schwert für 3201, TL	Electric skate for 3201	1
	8.20.10010	TSG Beschlagsatz für Umbau, im Karton	TSG brackets for conversion, in carton	1
	8.20.60002.40	TSG Zahnriemen [4,0m]	TSG Zahnriemen 4,0m	1
	1.20.60060	TSG Kombiwinkel, Ausführung "Hut", für TSG Motor oder Umlenkrad	TSG universal bracket, version "hat", for TSG	2
	1.20.60004	TSG Türflügelmitnehmer	TSG door panel coupler	1
	8.20.30000	Option Energiekette für TSG Zusatzantrieb	Energy Chain option for TSG	1

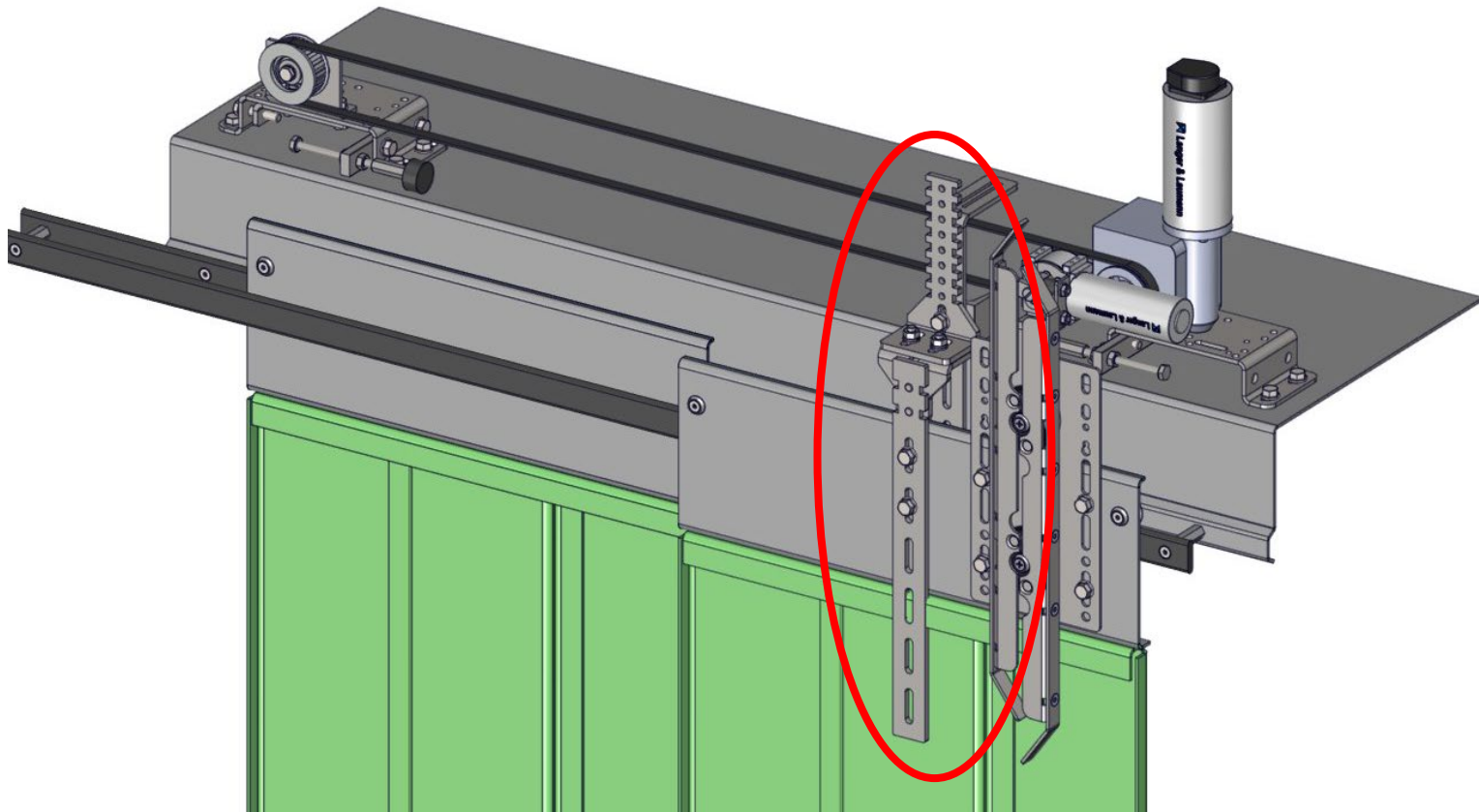
picture	Number	description DE	description EN	quantity
	1.36.00169	Federring DIN127 vz - M8	lock washer DIN127 vz - M8	5
	1.36.00440	Scheibe DIN125A vz - 8,4	washer DIN125A vz - 8,4	4
	1.36.02115	Sechskantschraube ISO4017 vz 8.8 - M8x16	Hexagonal bolt ISO4017 vz 8.8 - M8x16	2
	1.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	Hexagon head serrated screw WN0274 A2C 8.8 - M8x20	23
	1.36.00501	Sperrzahnmutter, ähnlich DIN6923 vz - M8	Serrated locking nut, similar to DIN6923 vz - M8	17
	1.36.00430	Sechskantmutter DIN934-8 vz 8.8 - M8	hexagon nut DIN934-8 vz 8.8 - M8	2
	1.36.00520	Flachrundscharbe Vierkantansatz mit Mutter DIN603 vz 4.8 - M8x25	round head screw w. square neck and nut DIN603 vz4.8 - M8x25	2
	1.36.00135	Sperrzahnschraube WN0274 A2C 8.8 - M6x12	Hexagon head serrated screw WN0274 A2C 8.8 - M6x12	5
	1.36.00450	Kotflügelscheibe DIN522 vz - 8,4x20x1,25	wing repair washer DIN522 vz - 8,4x20x1,25	1

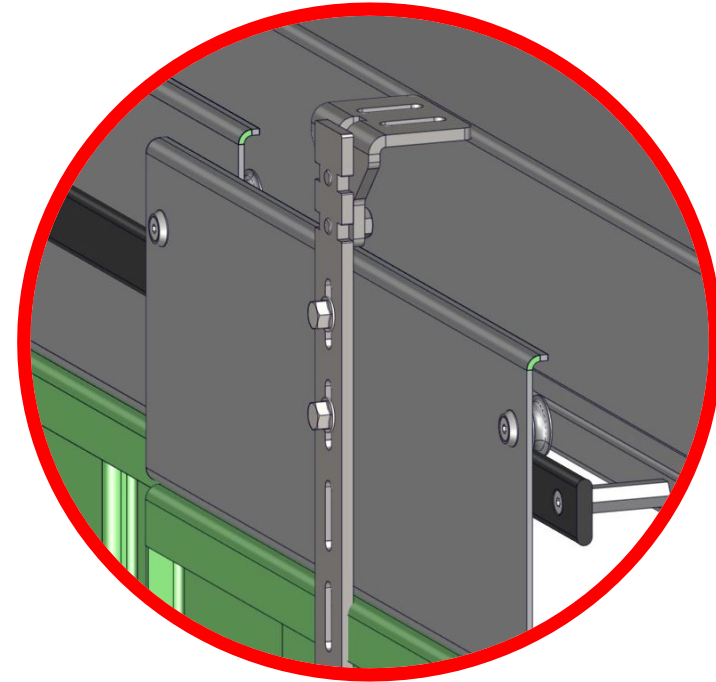
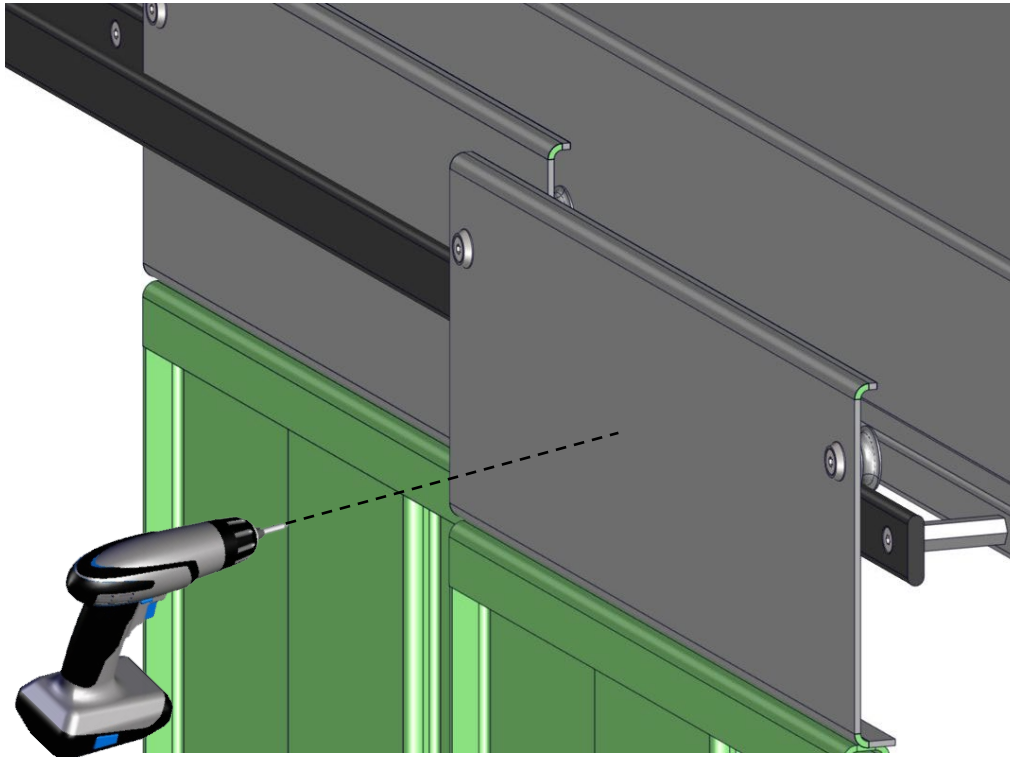
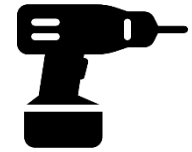
picture	Number	description DE	description EN	quantity
	1.36.00710	Sperrzahnschraube WN0274 A2C 8.8 - M8x16	Hexagon head serrated screw WN0274 A2C 8.8 - M8x16	1
	1.36.00020	Linsenschraube DIN7985 vz 4.8 - M3x12	pan head screw DIN7985 vz 4.8 - M3x12	4

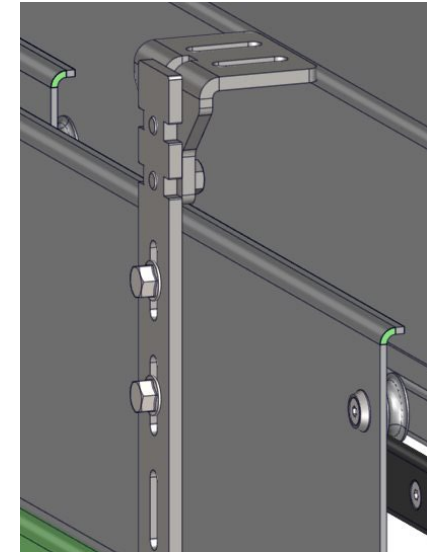
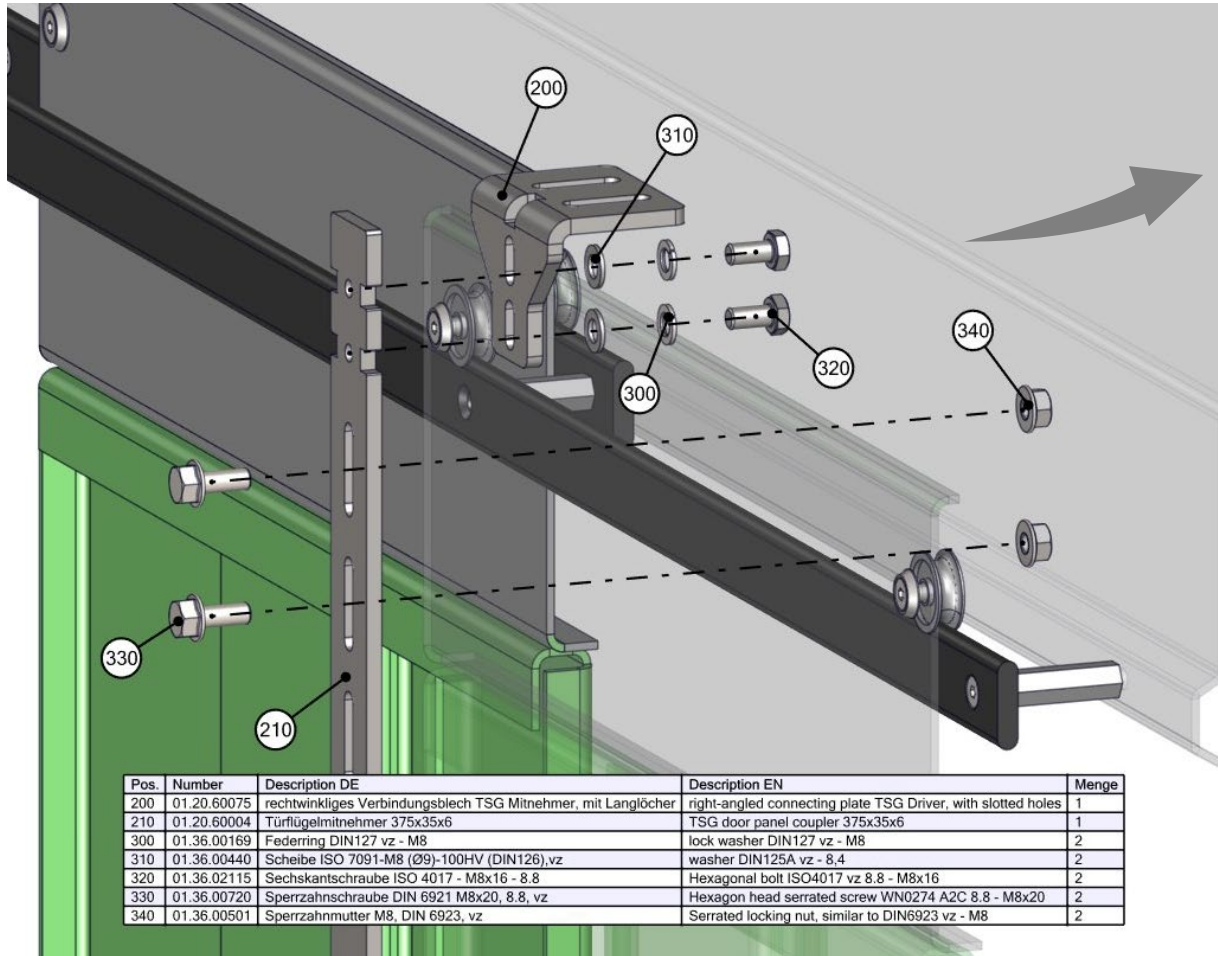
Vor Umbau entfernen – remove before conversion

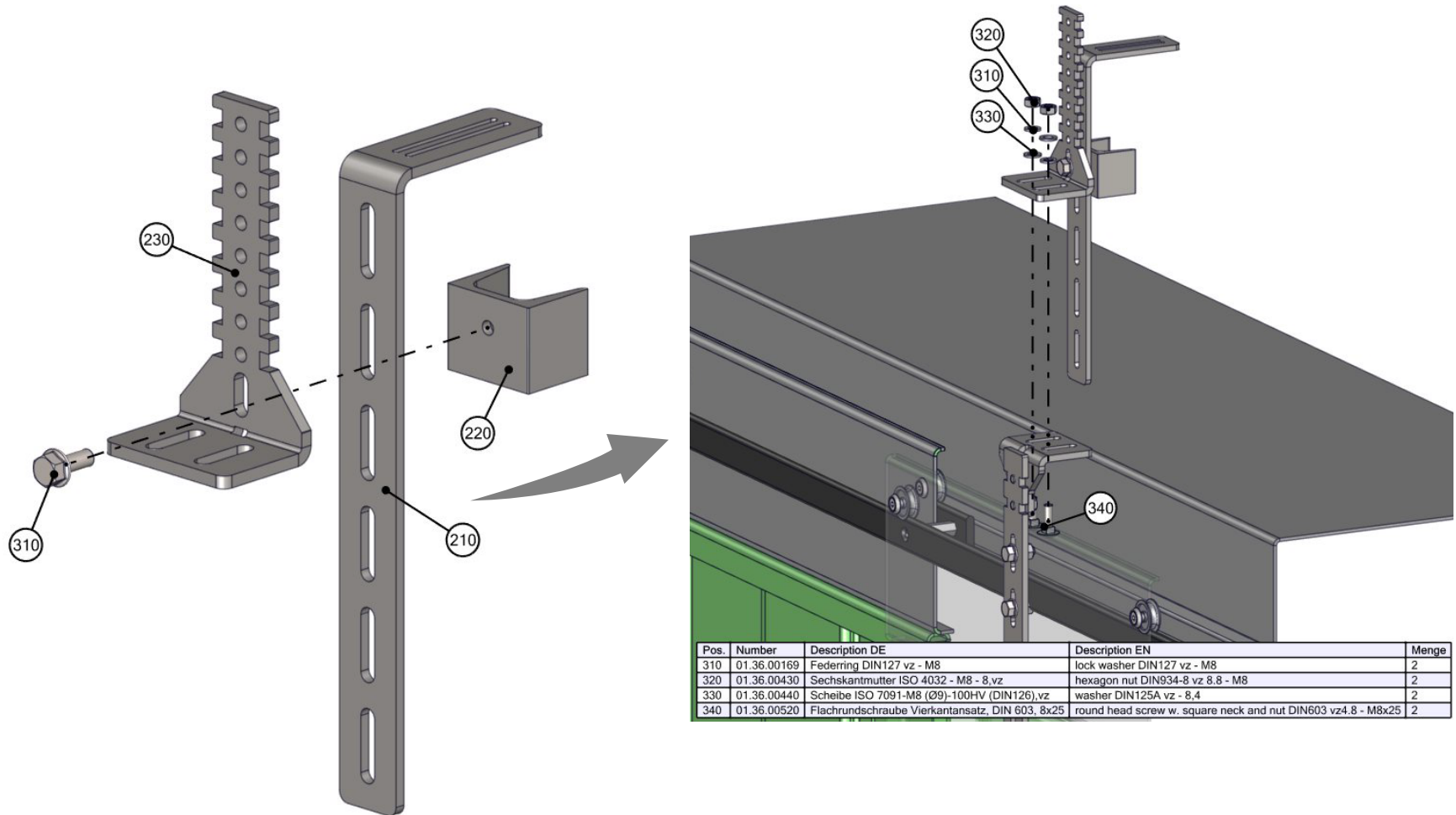


Montage TSG Türflügelmitnehmer – assembly TSG door panel coupler



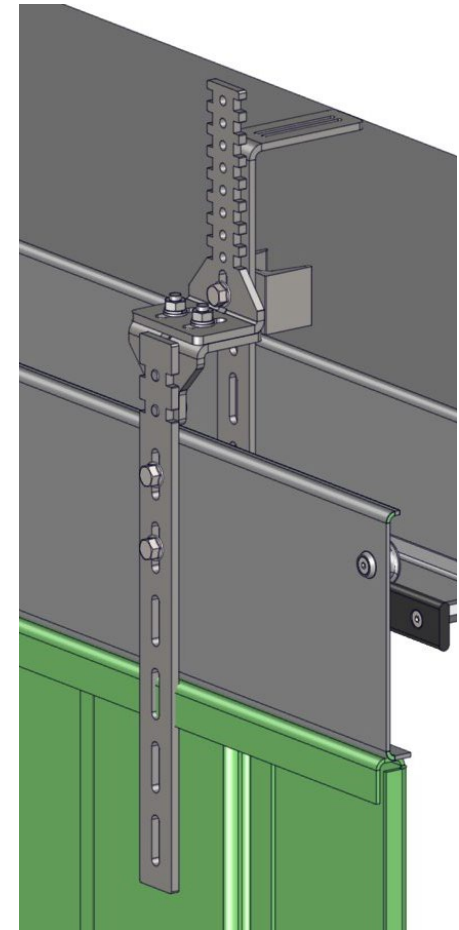
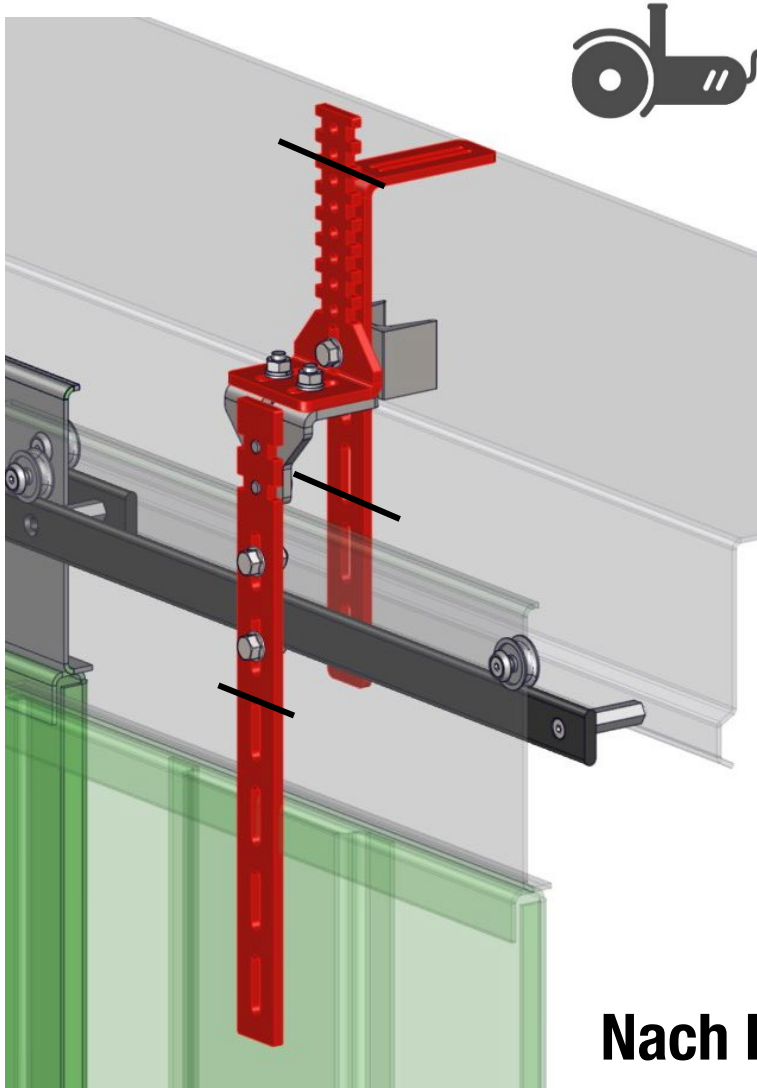






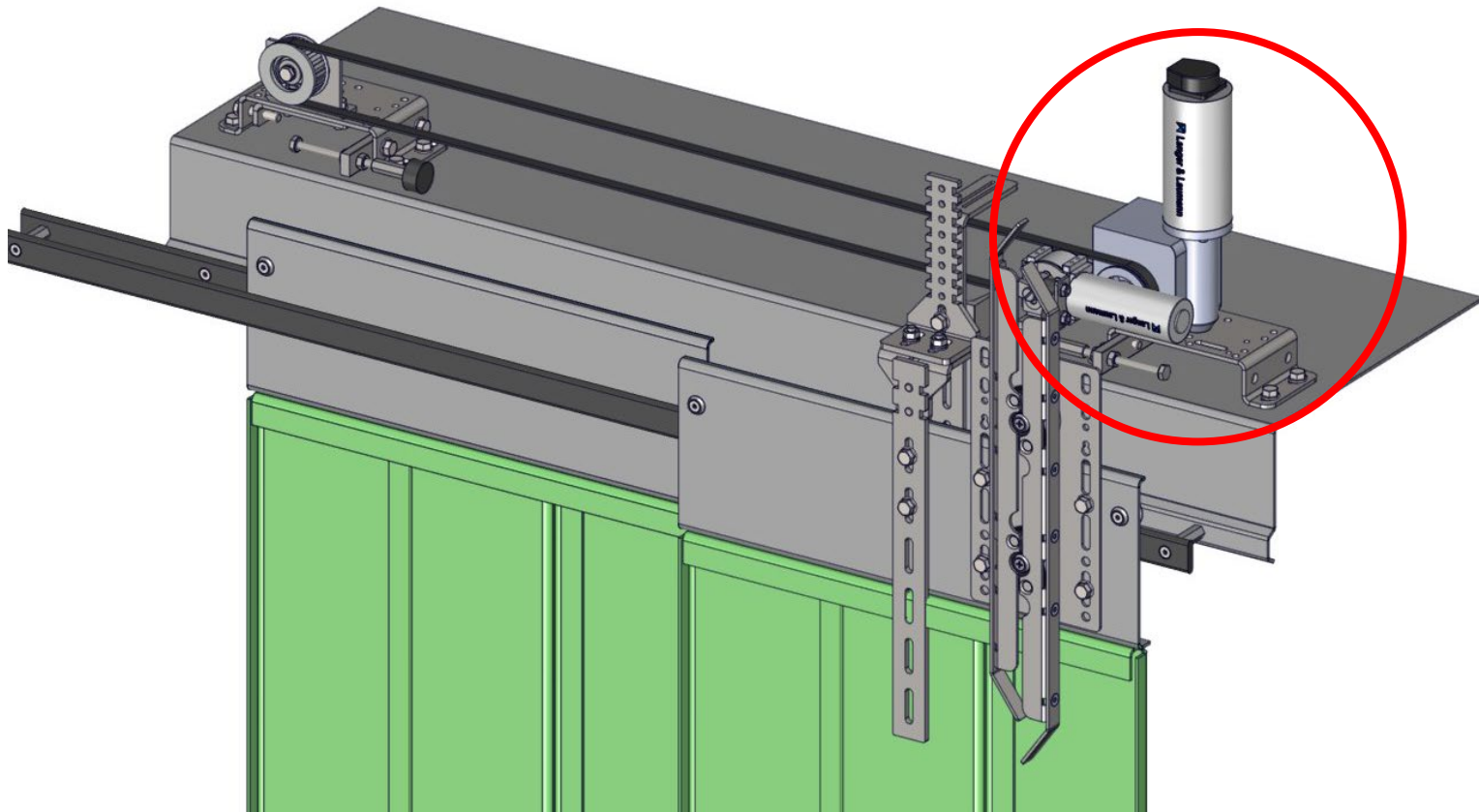
Pos.	Number	Description DE	Description EN	Menge
210	01.20.30984	TSG Türflügelmitnehmer Verlängerung für Energiekette	TSG door leaf carrier extension for energy chain	1
220	01.20.60020 T1	TSG Anschlag für Türflügelmitnehmer	TSG stopper for door coupler	1
230	01.20.92020	Türflügelmitnehmer, rechteckig mit Langlöcher	TSG door panel coupler, rectangular, with oblong holes	1
310	01.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	Hexagon head serrated screw WN0274 A2C 8.8 - M8x20	1

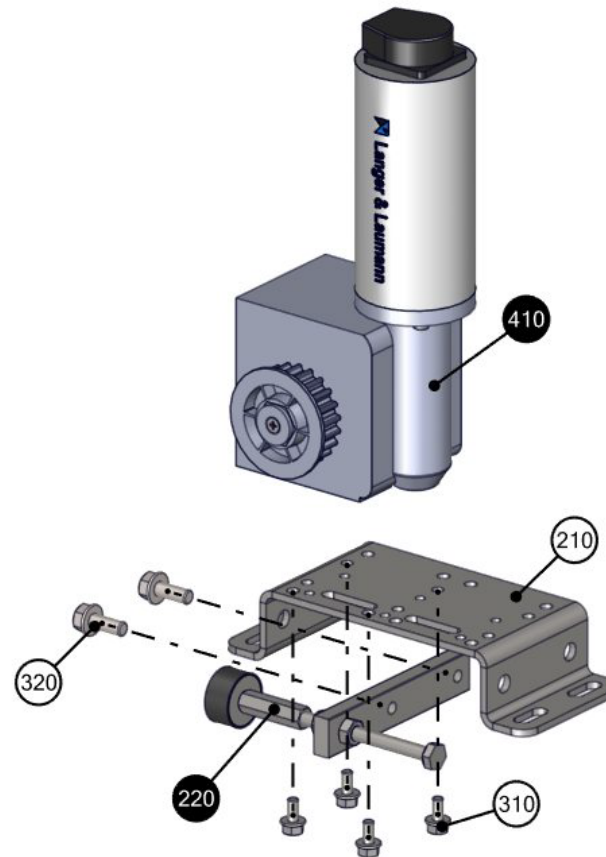
Pos.	Number	Description DE	Description EN	Menge
310	01.36.00169	Federring DIN127 vz - M8	lock washer DIN127 vz - M8	2
320	01.36.00430	Sechskantmutter ISO 4032 - M8 - 8,vz	hexagon nut DIN934-8 vz 8.8 - M8	2
330	01.36.00440	Scheibe ISO 7091-M8 (Ø9)-100HV (DIN126),vz	washer DIN125A vz - 8,4	2
340	01.36.00520	Flachrundschraube Vierkantansatz, DIN 603, 8x25	round head screw w. square neck and nut DIN603 vz4.8 - M8x25	2



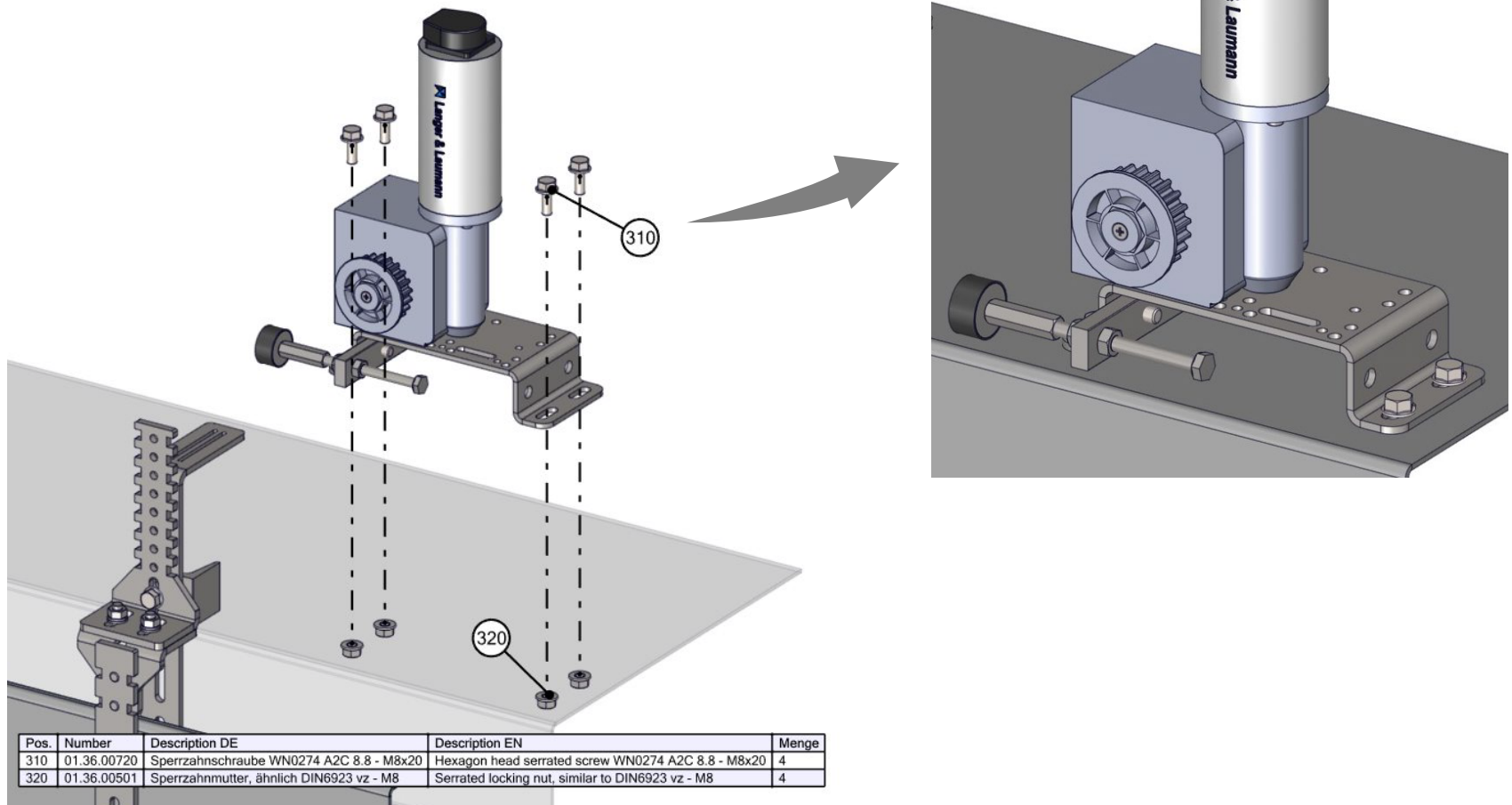
**Nach Bedarf ablängen – cut to
length if necessary**

Montage TSG – assembly of TSG

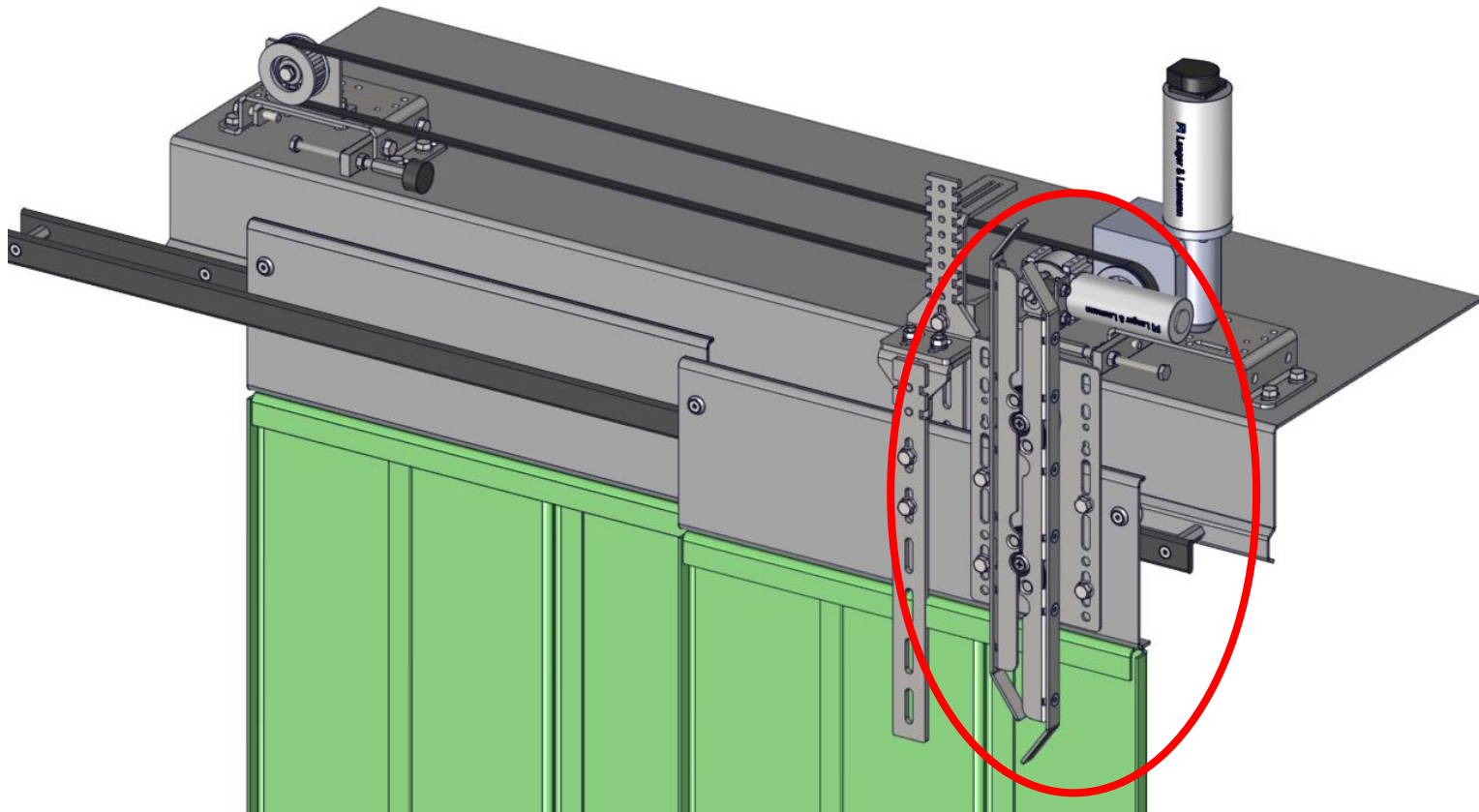


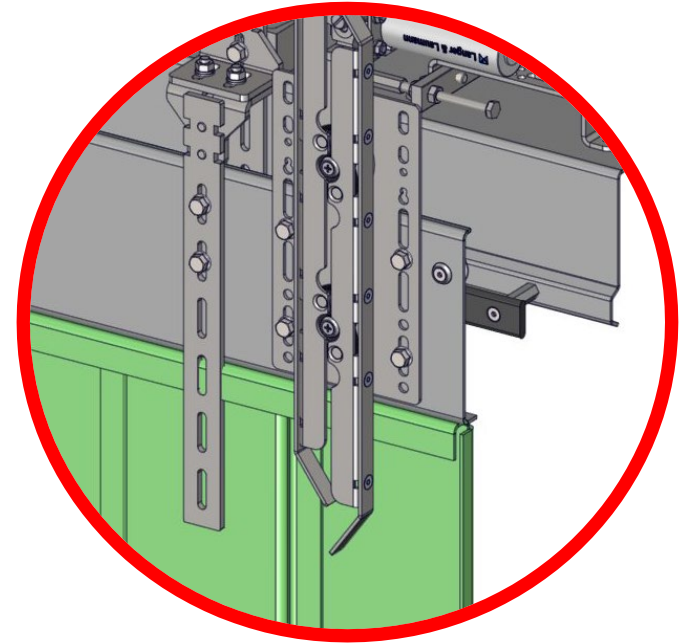
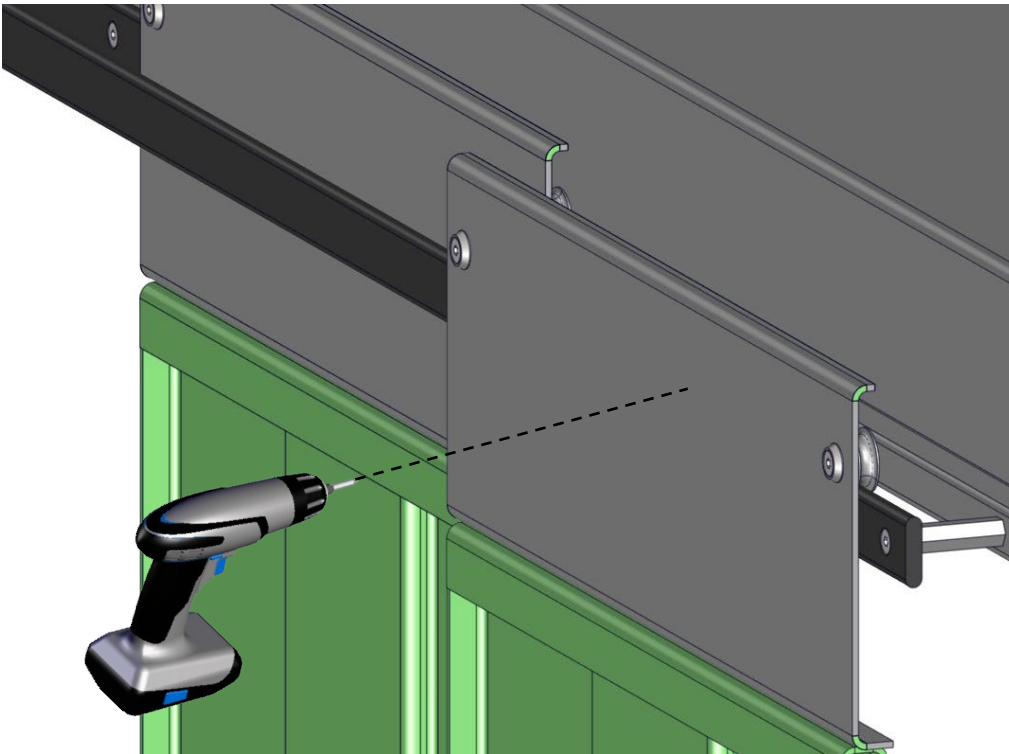
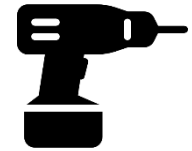


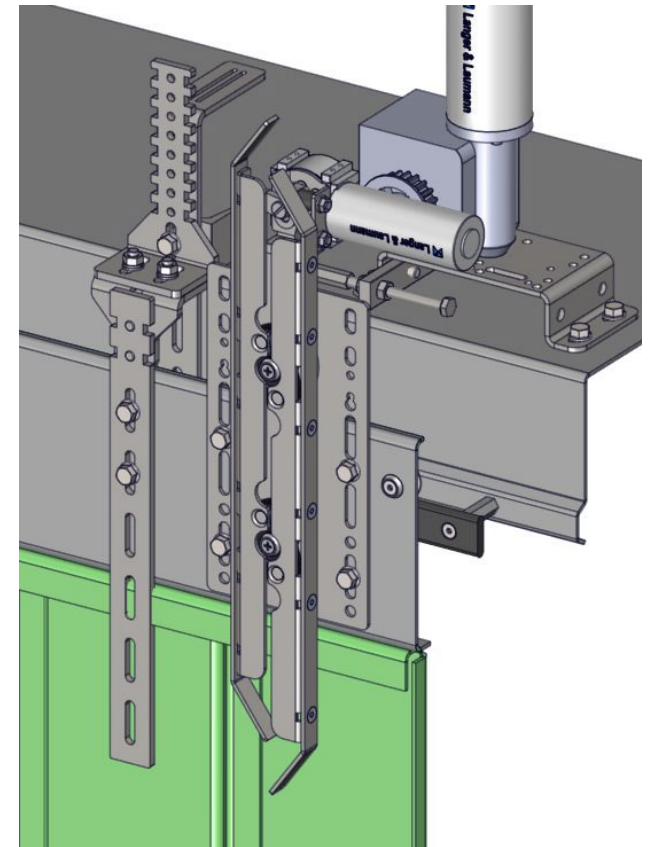
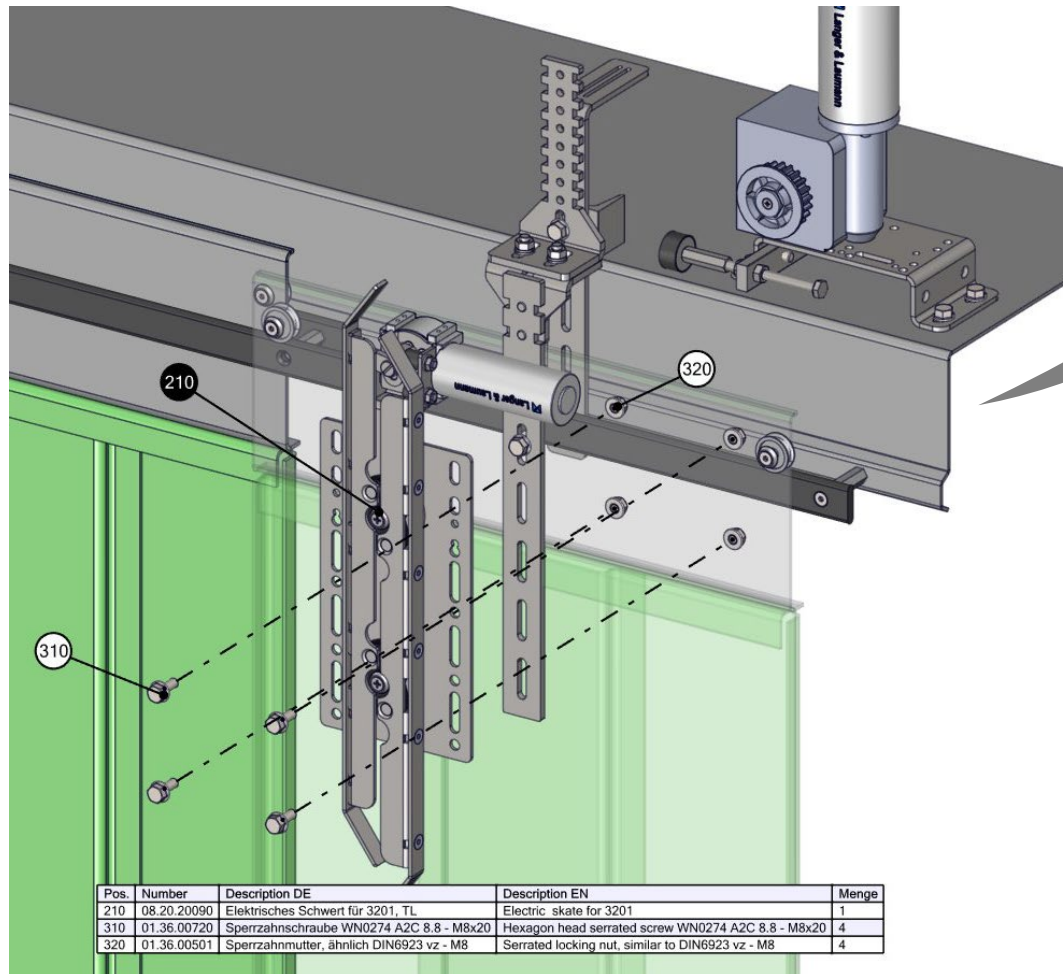
Pos.	Number	Description DE	Description EN	Menge
210	01.20.60060	TSG Kombiwinkel, Ausführung "Hut", für TSG Motor oder Umlenkrad	TSG universal bracket, version "hat"	1
220	01.20.60030	TSG Anschlagsatz Puffer inkl. Halterung	TSG stopper kit buffer incl. holder	1
310	01.36.00135	Sperrzahnschraube DIN 6921 M6x12 verz.	Hexagon head serrated screw WN0274 A2C 8.8 - M6x12	4
320	01.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	Hexagon head serrated screw WN0274 A2C 8.8 - M8x20	2
410	08.20.40000.X1	Motor Gross Links & Getriebe, 24V/4,9A/1:15	Motor Large Left & Gearbox, 24V/4,9A/1:15	1



Montage E-Schwert – assembly of electric skate

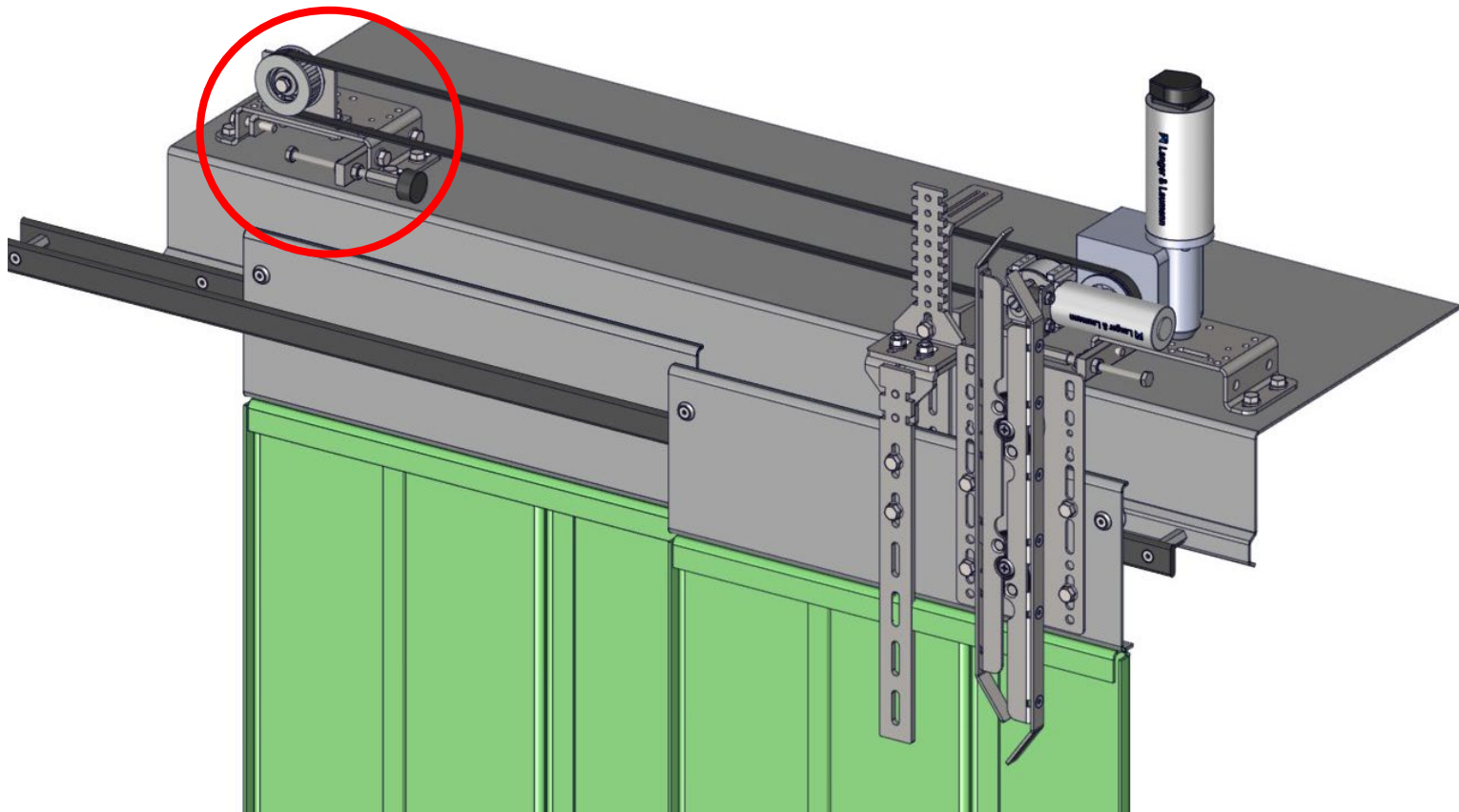


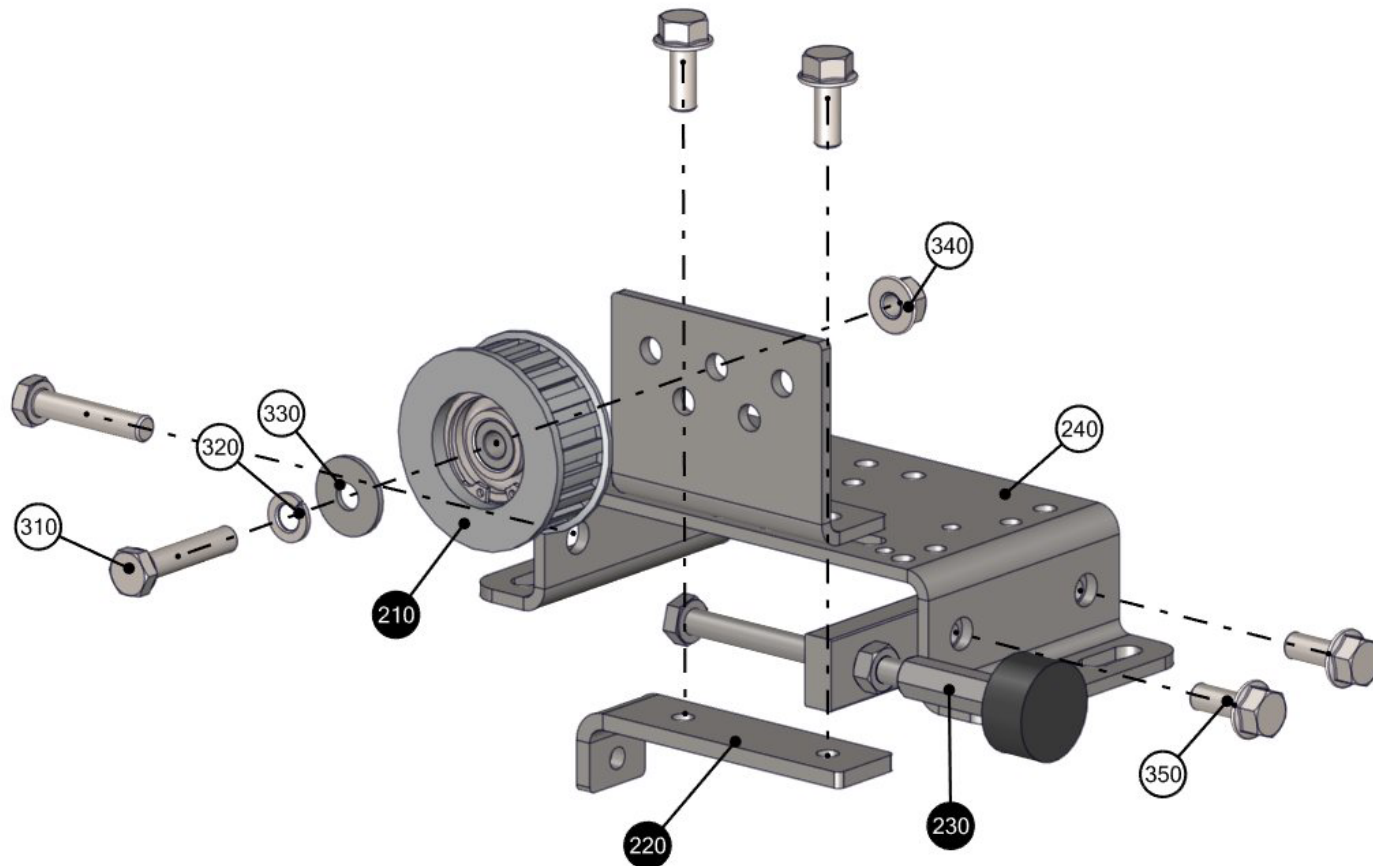




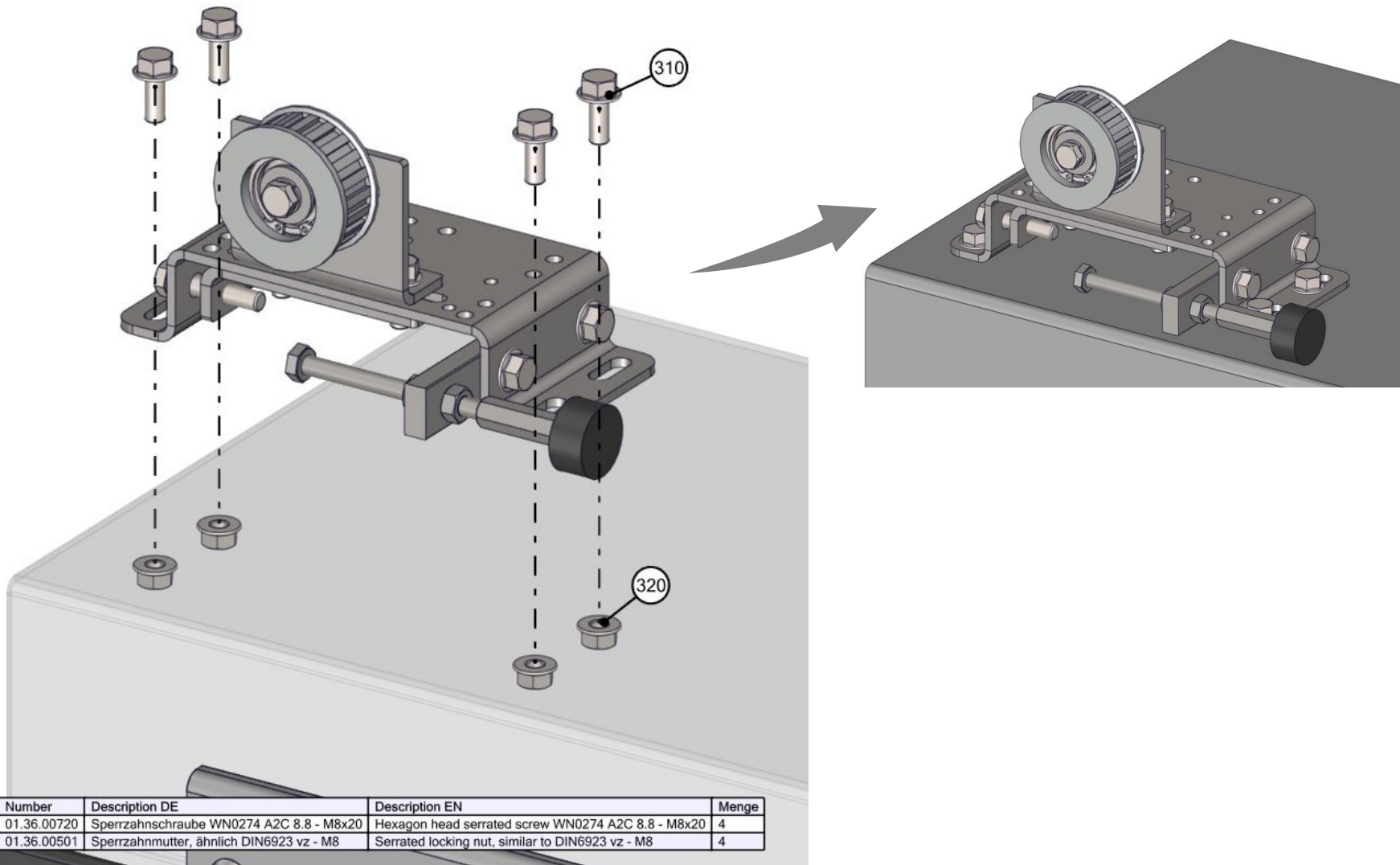
Pos.	Number	Description DE	Description EN	Menge
210	08.20.20090	Elektrisches Schwert für 3201, TL	Electric skate for 3201	1
310	01.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	Hexagon head serrated screw WN0274 A2C 8.8 - M8x20	4
320	01.36.00501	Sperrzahnmutter, ähnlich DIN6923 vz - M8	Serrated locking nut, similar to DIN6923 vz - M8	4

Montage Umlenkrollen – assembly of pulley

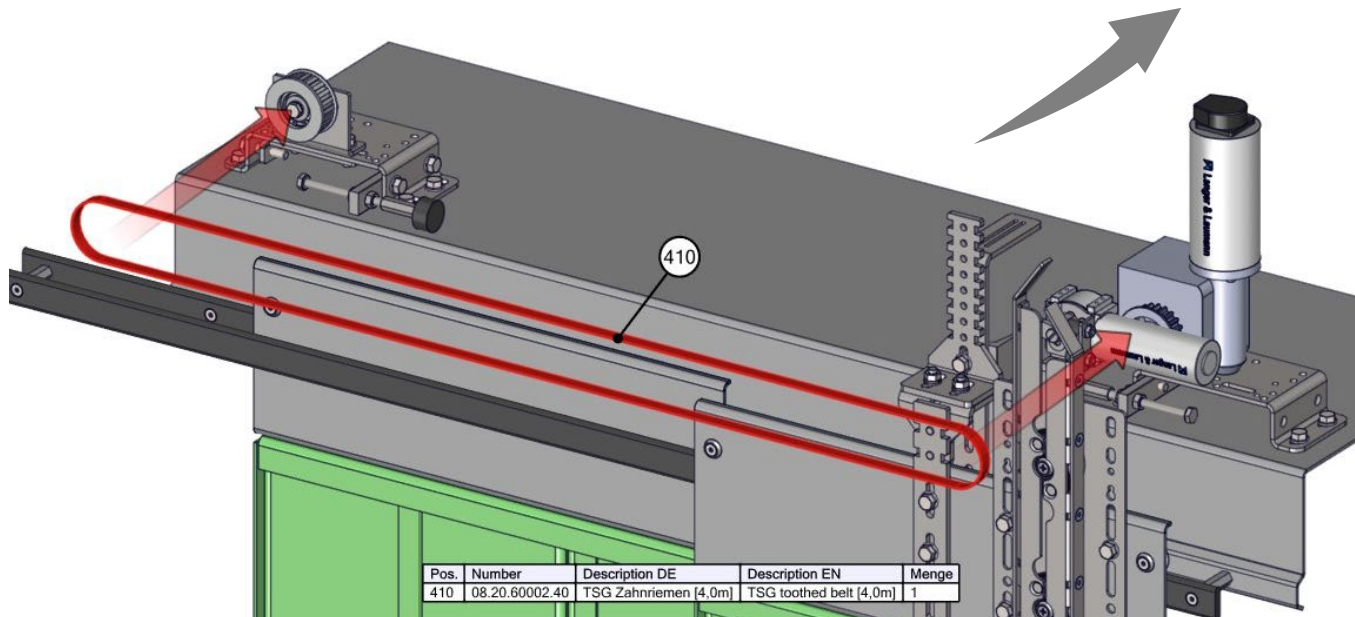
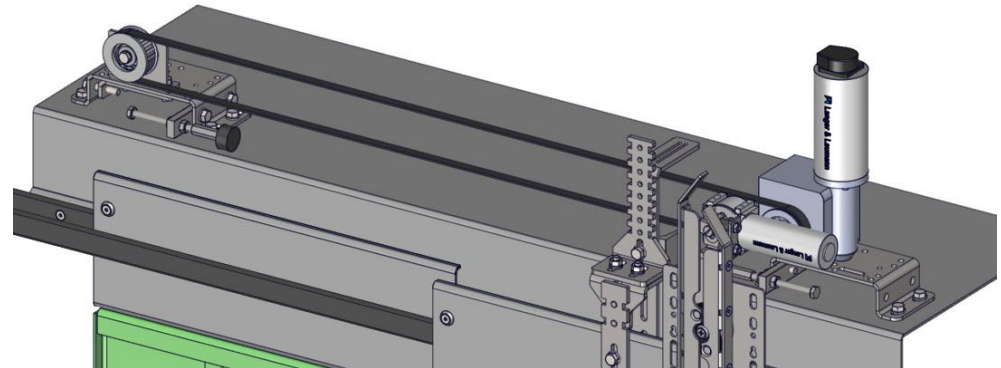




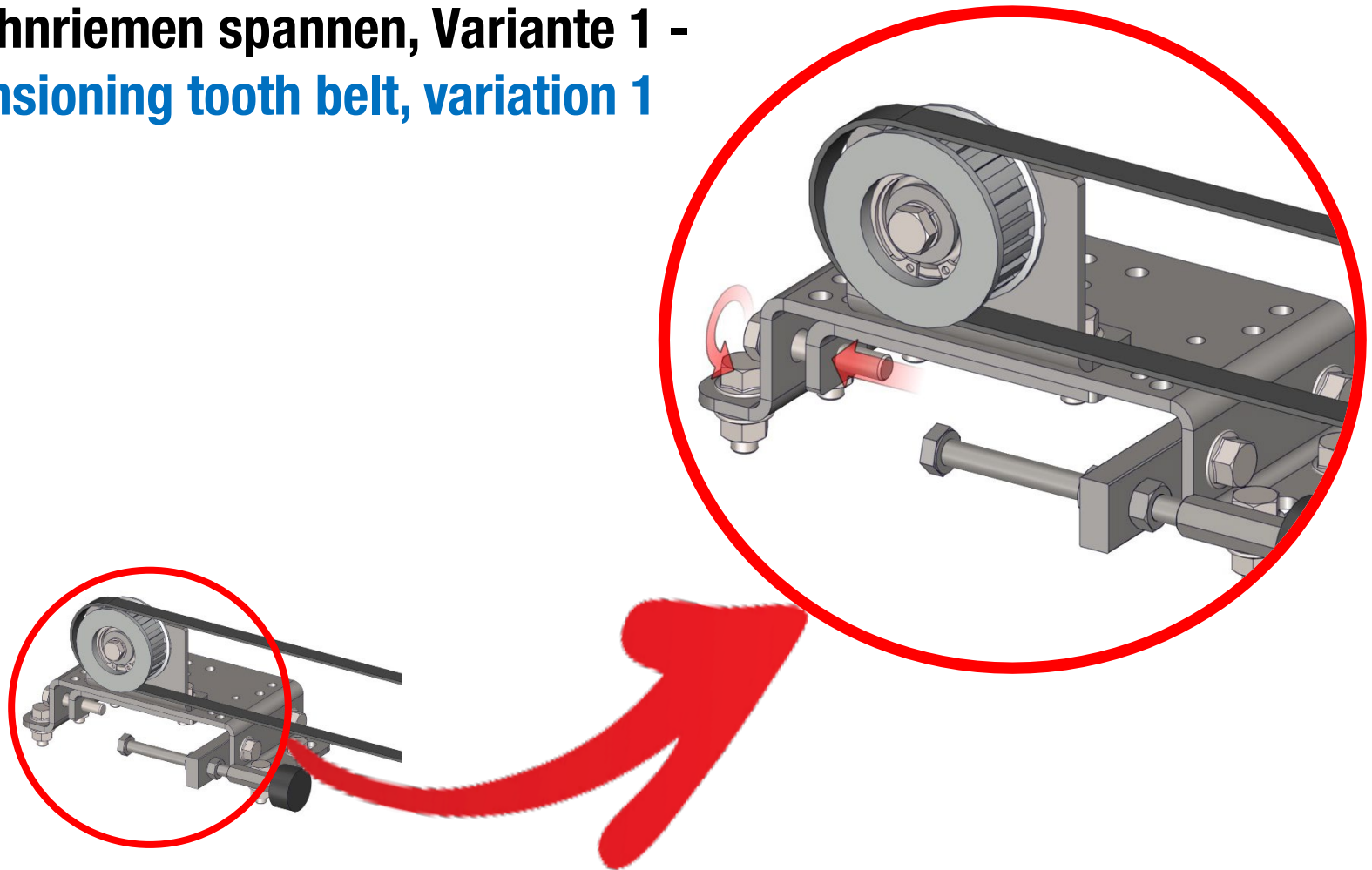
Pos.	Number	Description DE	Description EN	Menge
210	01.20.60003	Tüte Umlenkrad	Bag TSG counter roller	1
220	01.20.60013	Halterung Umlenkrad mit Spannlasche	TSG bracket for counter roller	1
230	01.20.60030	TSG Anschlagsatz Puffer inkl. Halterung	TSG stopper kit buffer incl. holder	1
240	01.20.60060	TSG Kombiwinkel, Ausführung "Hut", für TSG Motor oder Umlenkrad	TSG universal bracket, version "hat"	1
310	01.36.00115	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x40	Hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x40	2
320	01.36.00169	Federring DIN127 vz - M8	lock washer DIN127 vz - M8	1
330	01.36.00450	Kotflügelscheibe DIN522 vz - 8,4x20x1,25	wing repair washer DIN522 vz - 8,4x20x1,25	1
340	01.36.00501	Sperrzahnmutter ähnlich DIN6923 vz - M8	serrated locking nut, similar to DIN6923 vz - M8	1
350	01.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	Hexagon head serrated screw WN0274 A2C 8.8 - M8x20	4



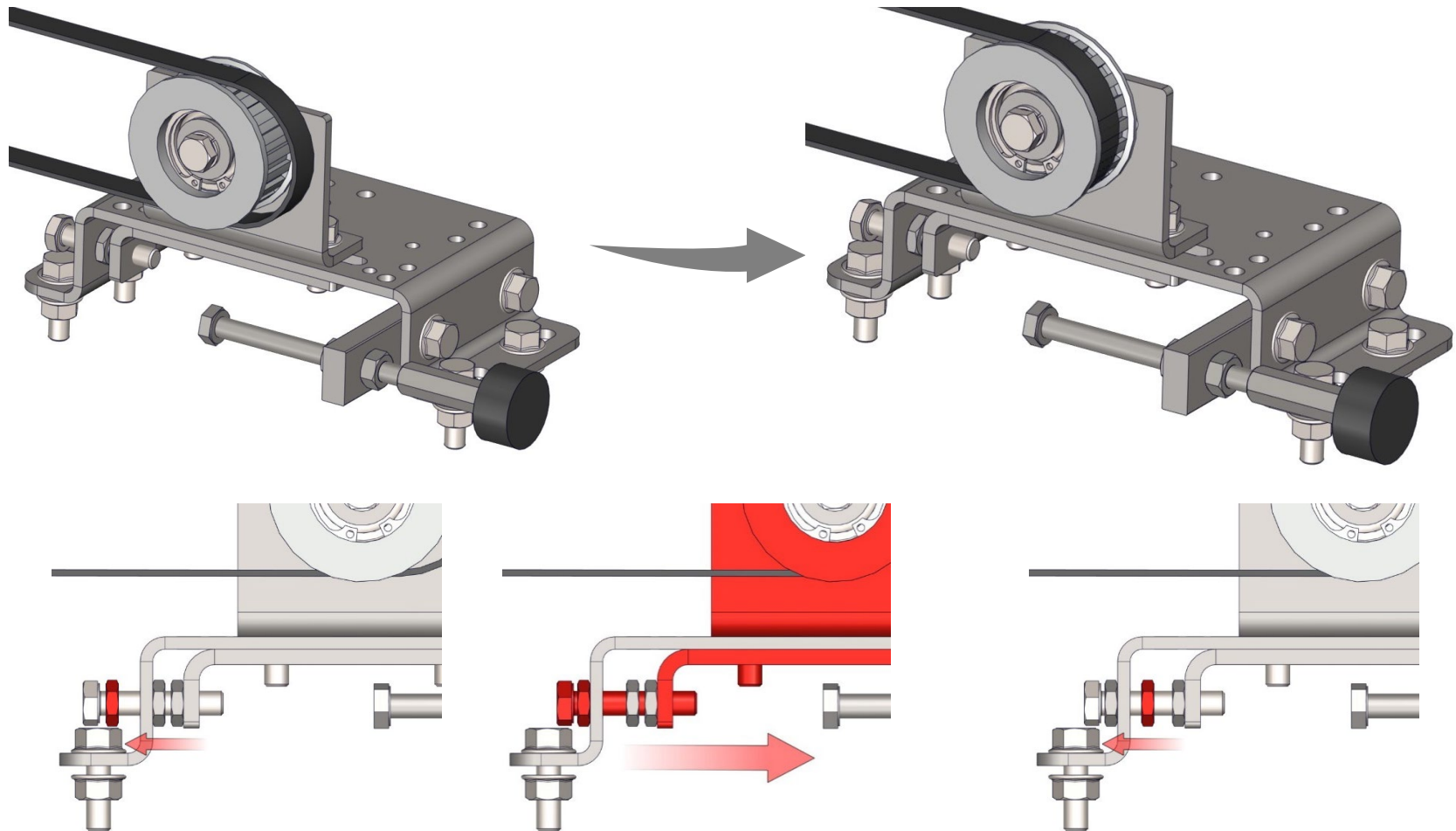
Montage Zahnriemen – assembly of toothed belt



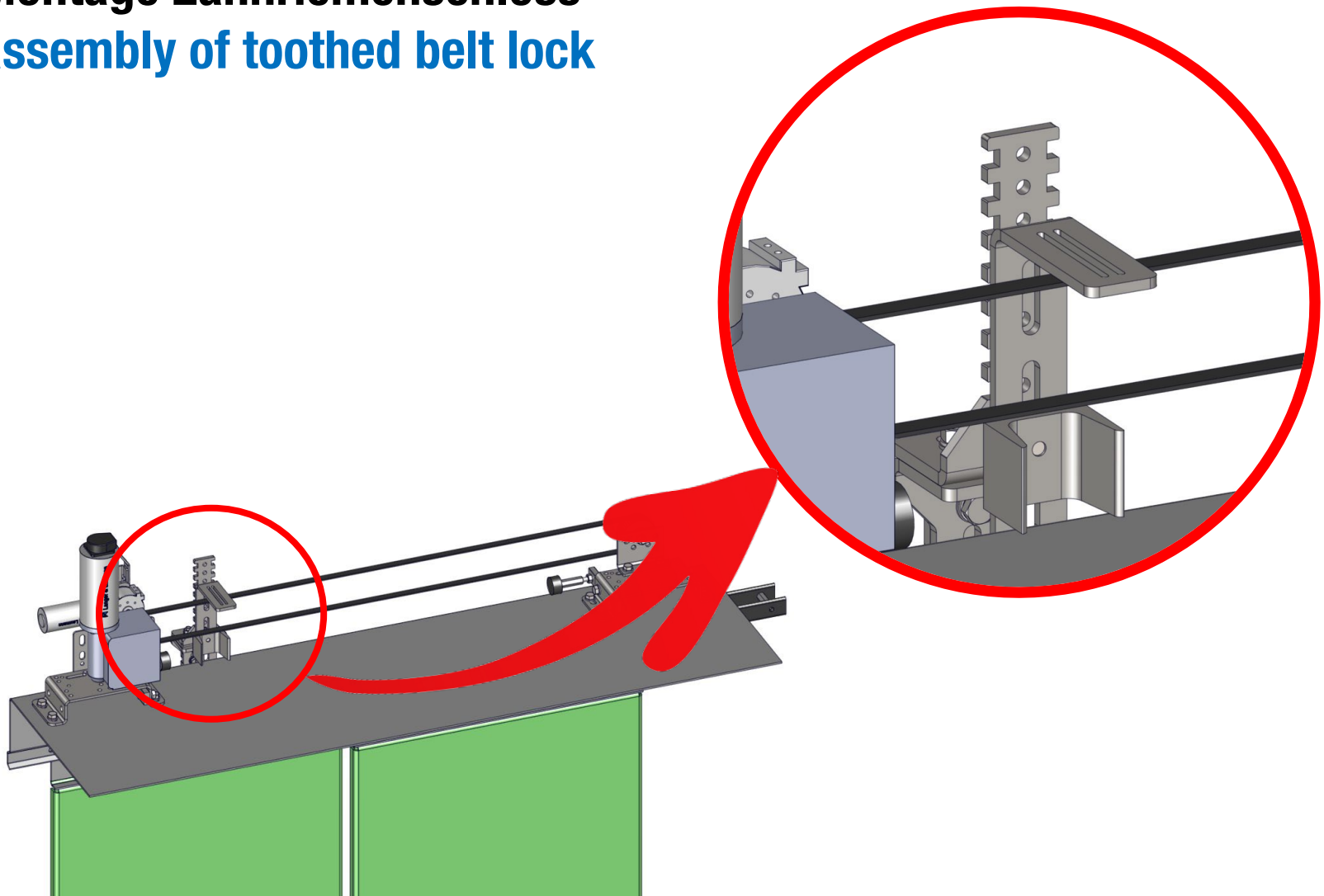
Zahnriemen spannen, Variante 1 - tensioning tooth belt, variation 1

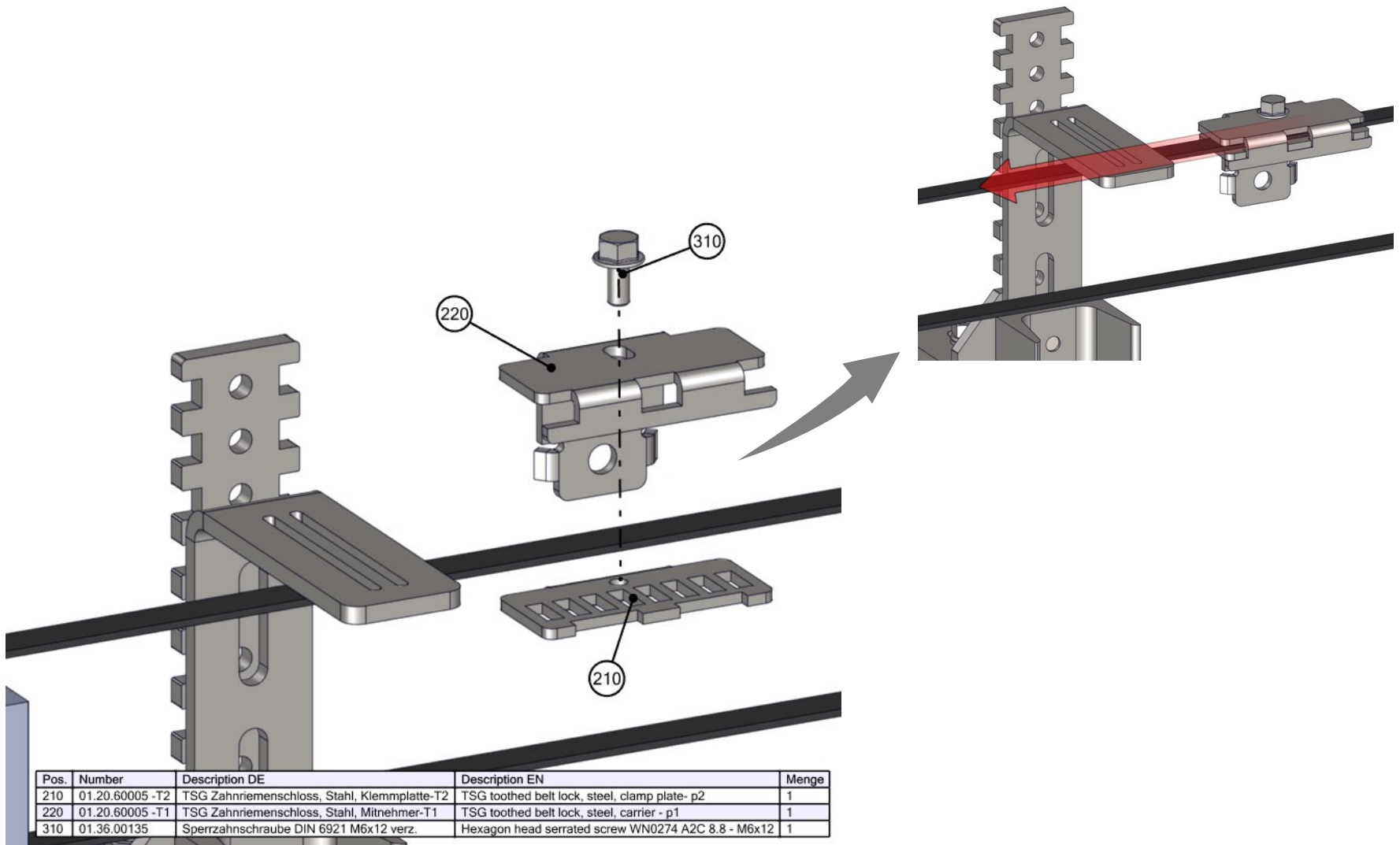


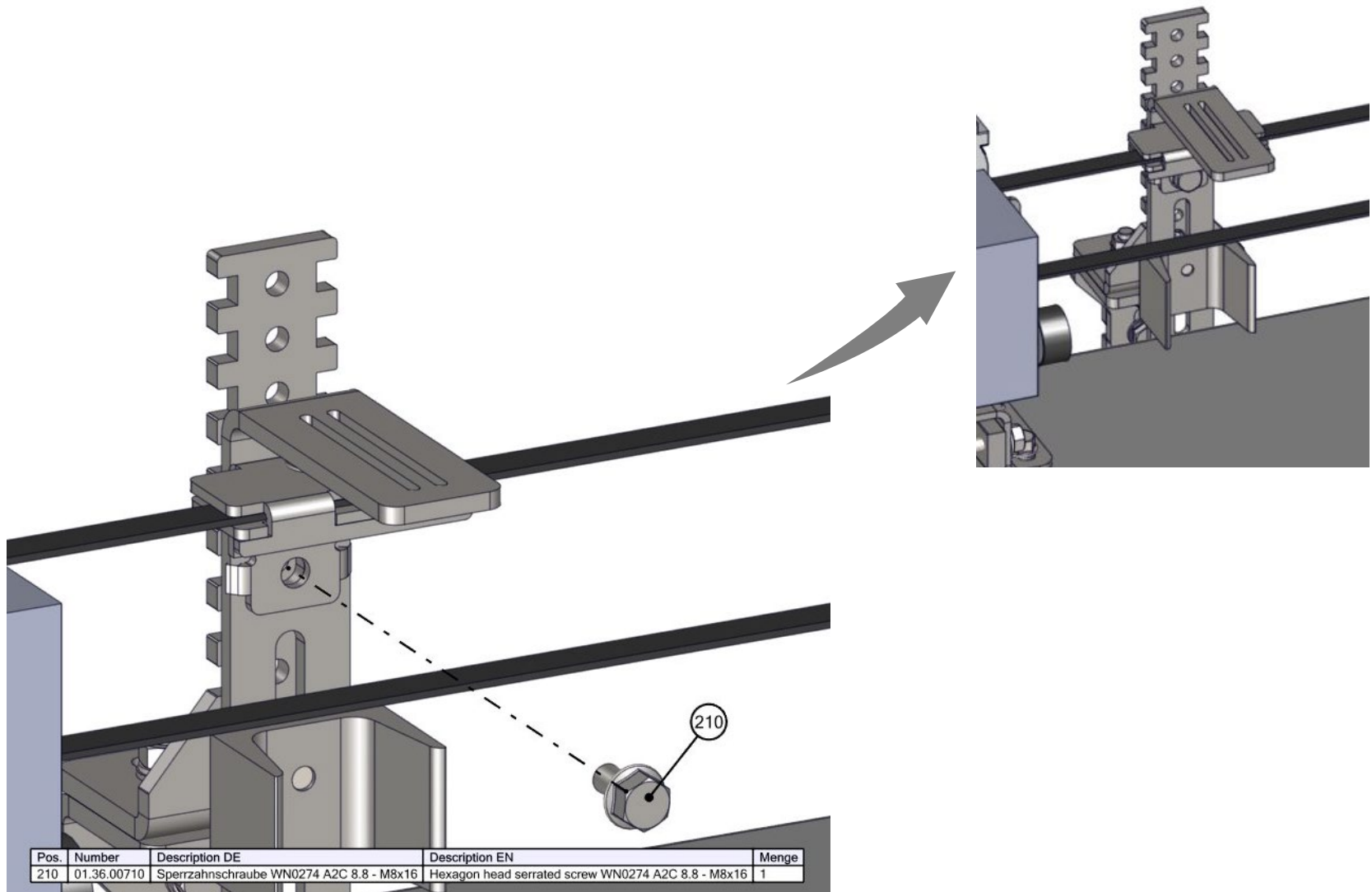
Variante 2 – variation 2



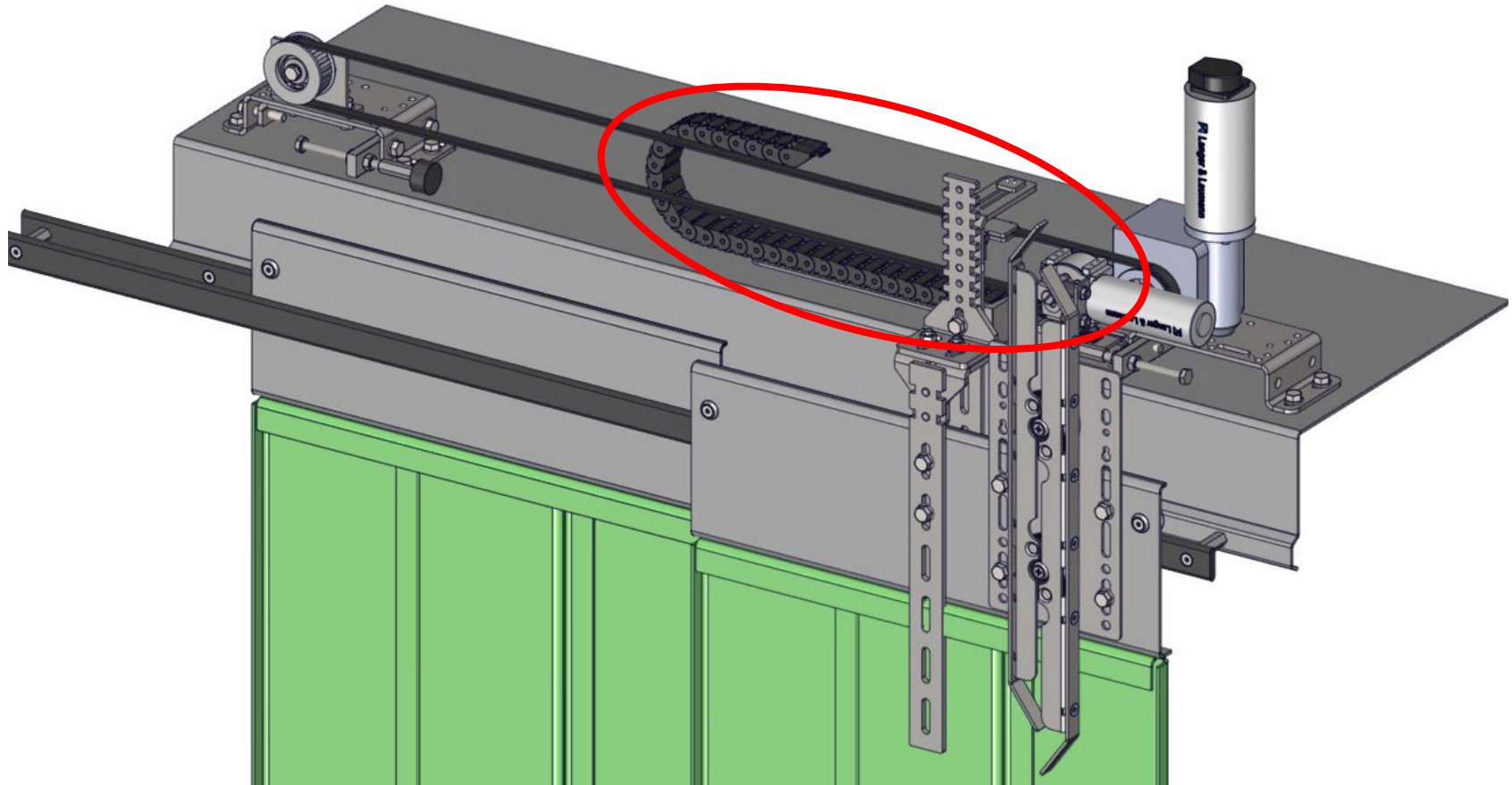
Montage Zahnriemenschloss – assembly of toothed belt lock

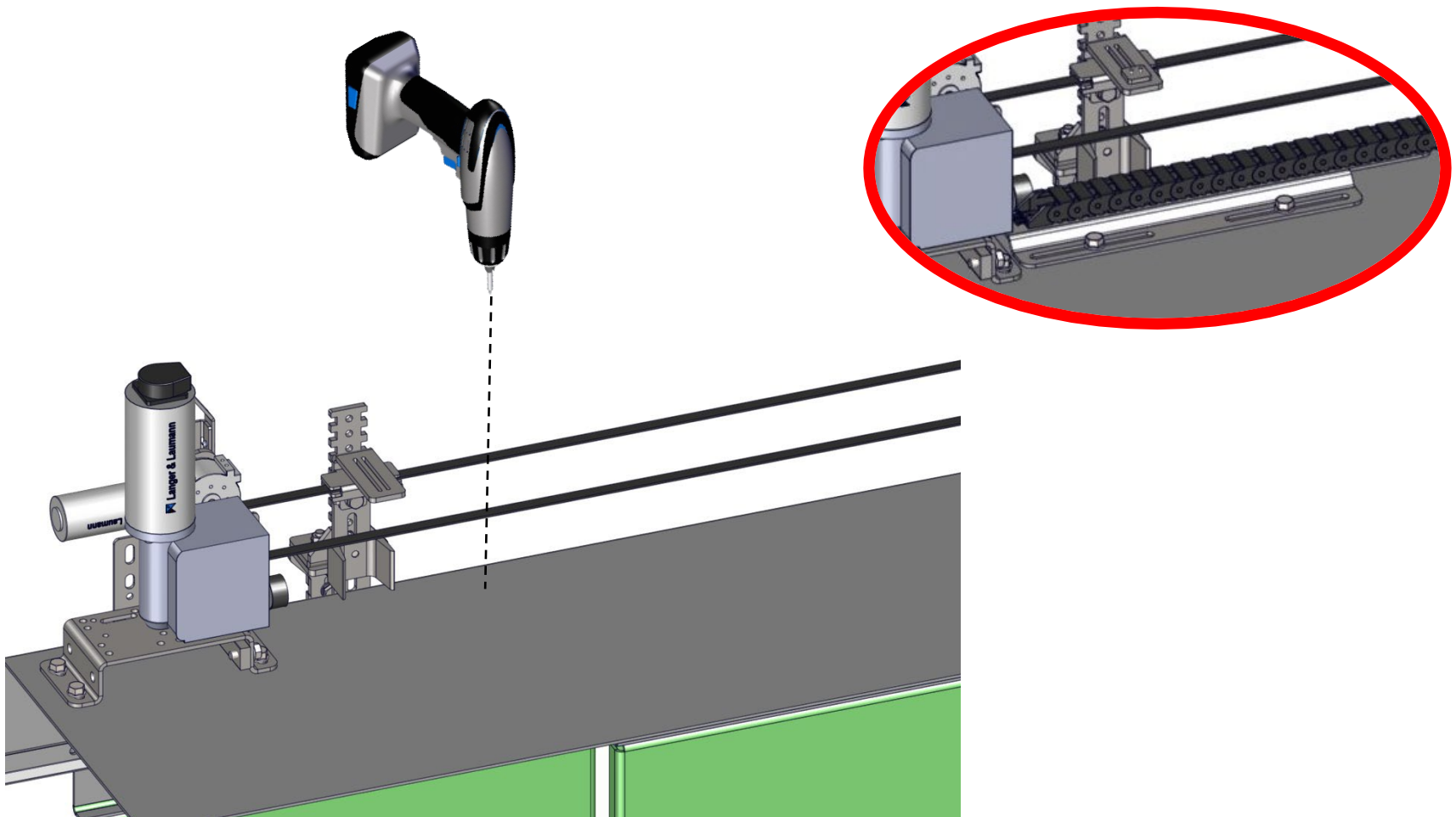
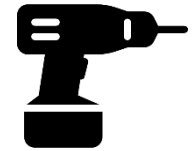


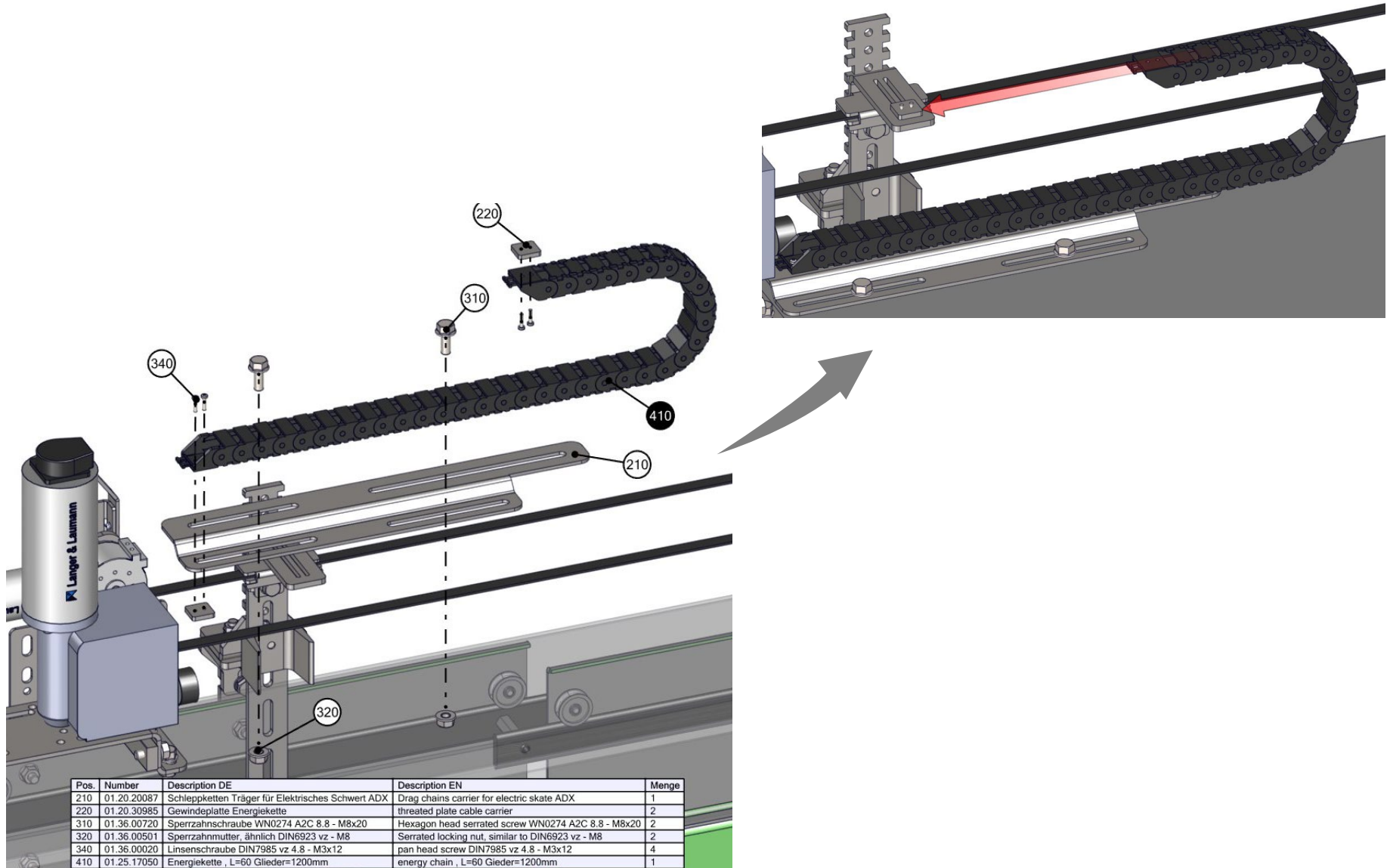


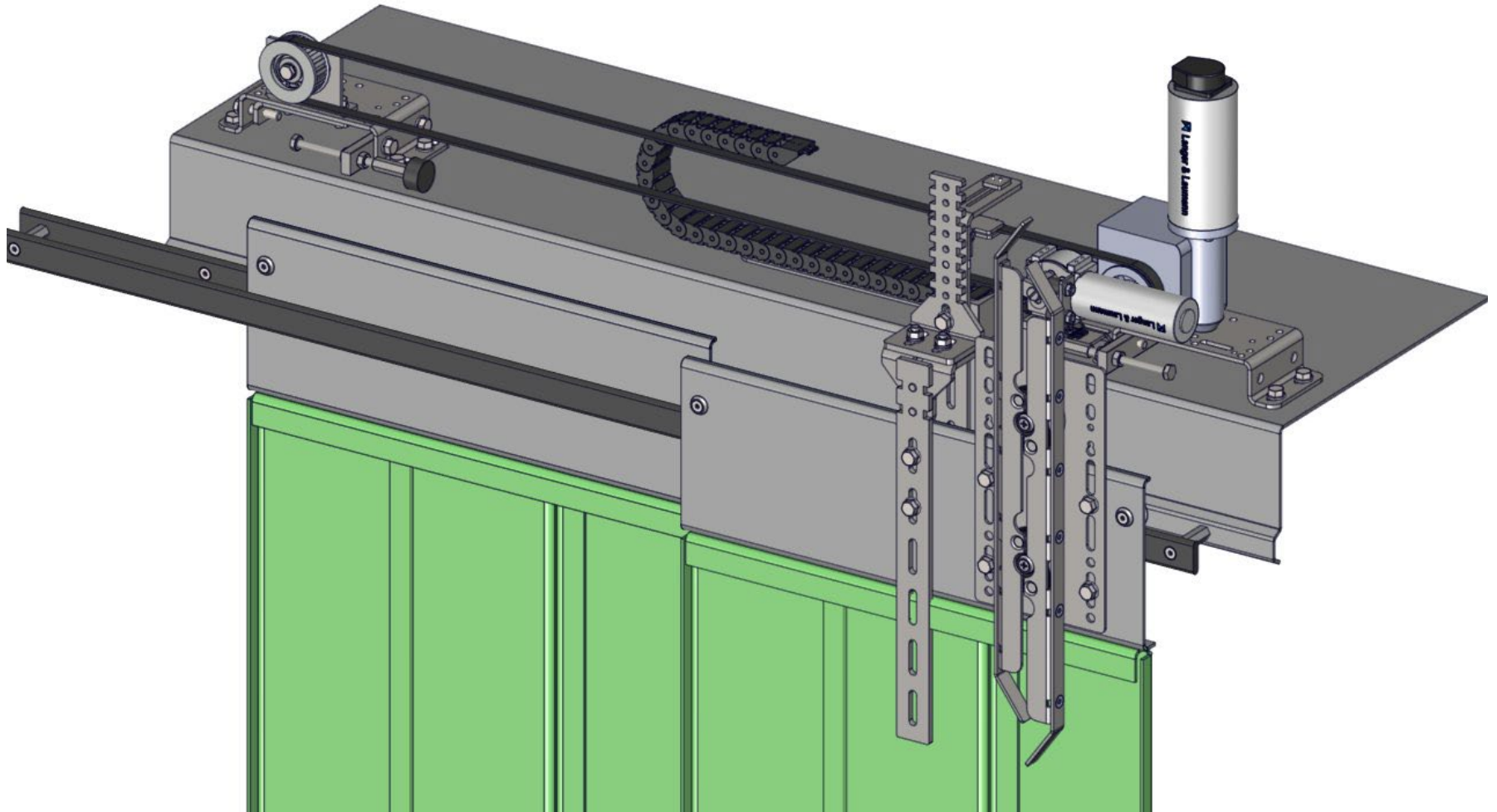


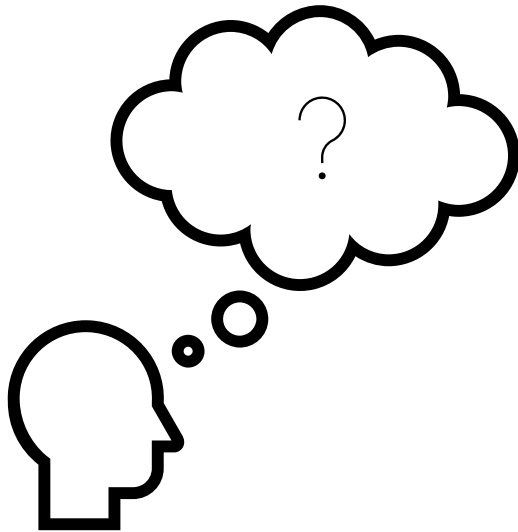
Montage Energiekette – assembly of energy chain











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