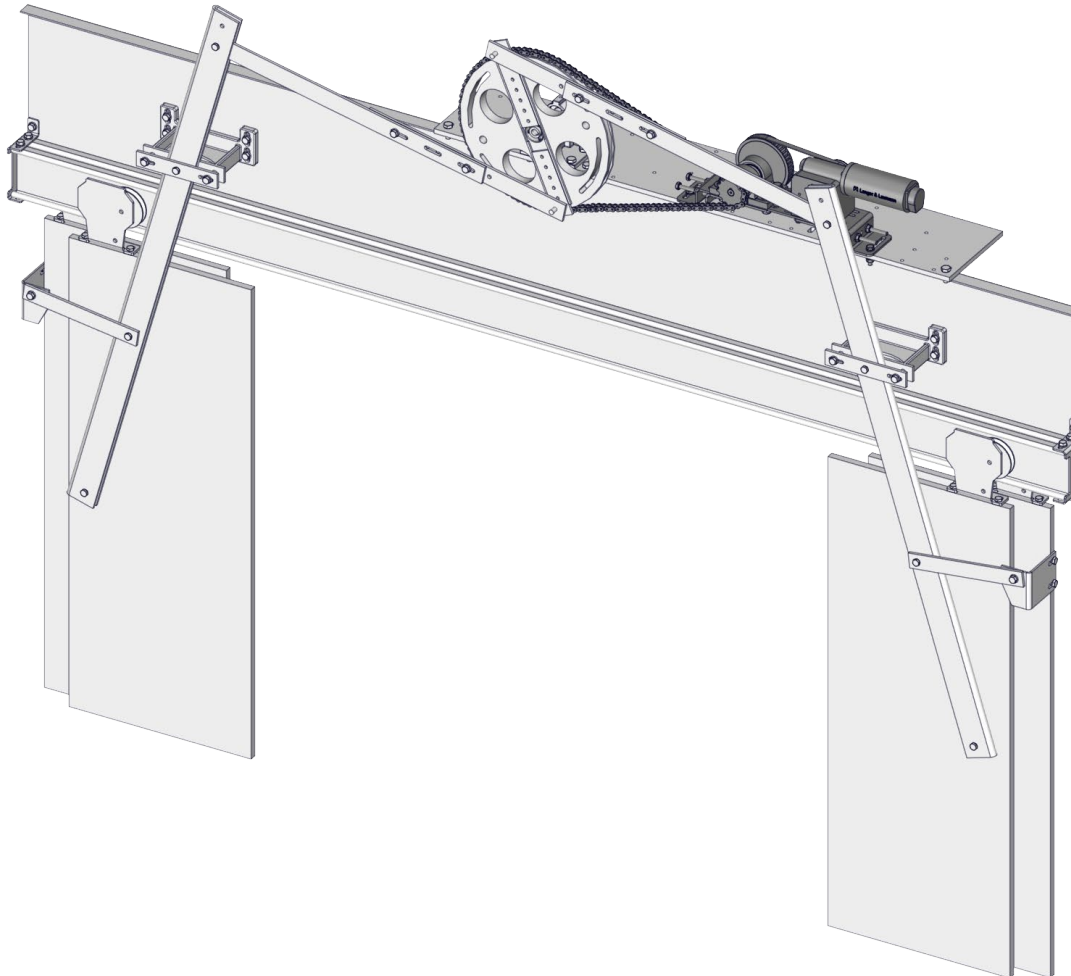


Assembly Instruction

TSG in GAL

TSG in GAL



scope of delivery



picture	number	description	quantity
	8.20.00101.04	TSG V4 Lift Door Operator – Electronic extern – 230[VAC]/50-60[Hz] + eps	1
	8.20.40000.D2	motor large left & gearbox, 24V/4,9A/1:15	1
	1.20.23230	diverter shaft for 2to1 transmission GAL	1
	1.20.85150	ball pillow block bearing UCP 20mm	2
	1.20.95196	sproket 08B-1 15Z 14H7	1
	1.20.96110	pulley, STD8M, d=18H7, D=112[mm], B=15[mm]	1
	1.20.60532	clamping bracket for motor bracket for GAL	1
	1.20.23200	universal bracket "hat" for GAL (motor + ball pillow block bearing)	1

picture	number	description	quantity
	1.20.23220	clamping bracket for GAL	1
	1.20.61090	belt for special drive endless 584[mm], width 12[mm]	1
	1.36.00451	wing repair washer DIN522 vz - 4,3x25x1,25	1
	1.36.05010	hexagon socket set screw, DIN 913, M4x 6	2
	1.36.00138	hexagon head serrated screw WN0274 A2C 8.8 - M6x16	4
	1.36.00501	serrated locking nut, similar to DIN6923 vz - M8	8
	1.36.02125	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x80	4
	1.36.02110	hexagonal bolt, thread up to head DIN933 vz 8.8 - M10x35	4
	1.36.00470	washer DIN125A vz - 10,5	4

picture	number	description EN	quantity
	1.36.00503	ribbed nuts, similar to DIN6923 vz - M10	4
	1.36.00720	hexagon head serrated screw WN0274 A2C 8.8 - M8x20	2
	1.36.00430	hexagon nut DIN934-8 vz 8.8 - M8	2
	1.36.00440	washer DIN125A vz - 8,4	4
	1.36.00476	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x35	2
	1.36.00003	pan head screw DIN7985 vz 4.8 - M4x10	1

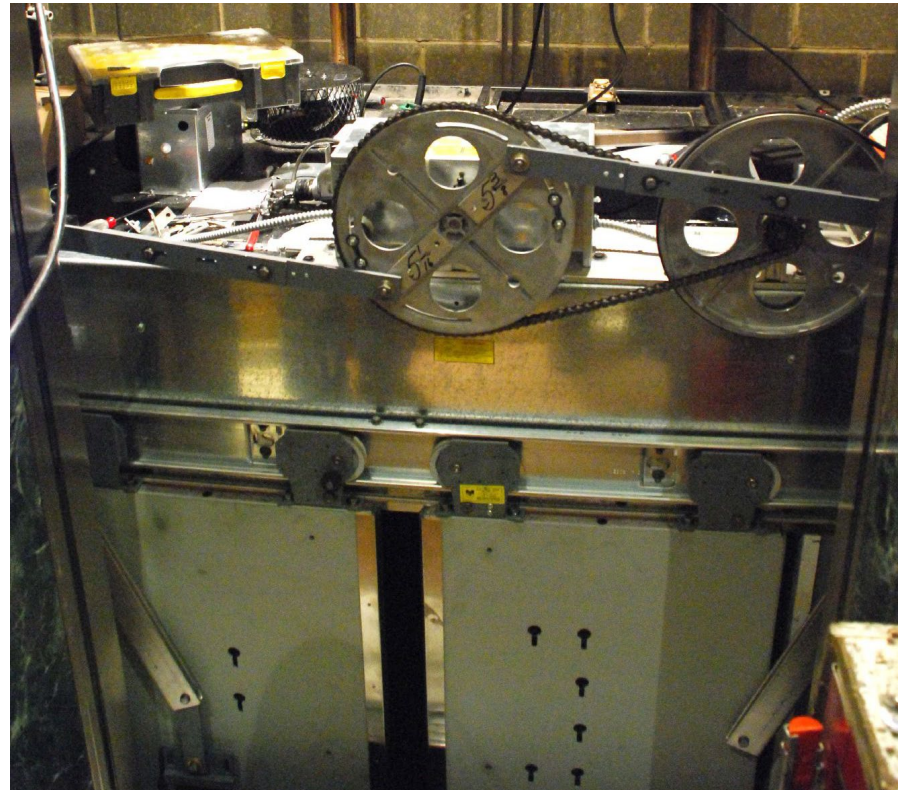
Before conversion

TR



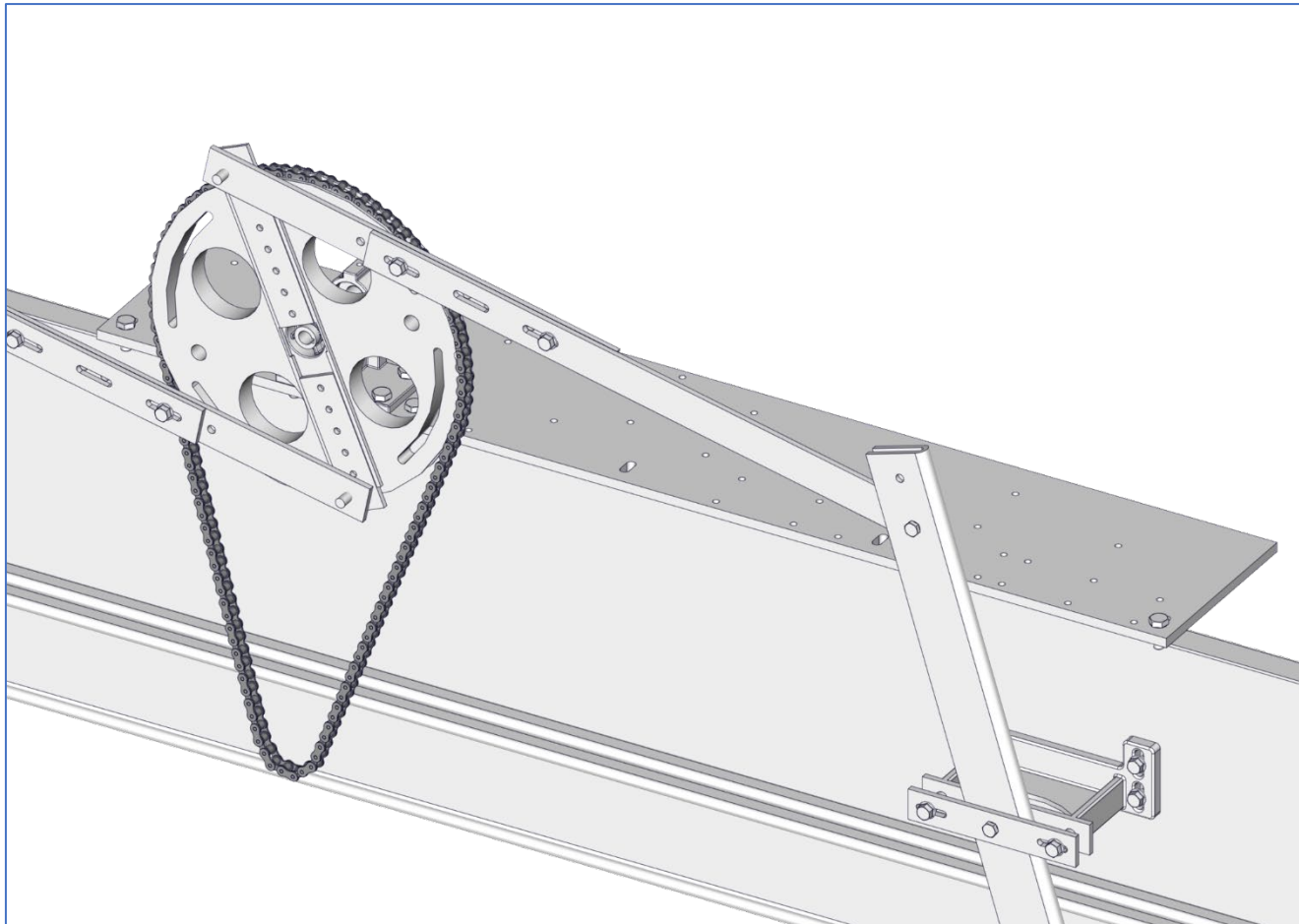
TL mirrored

C



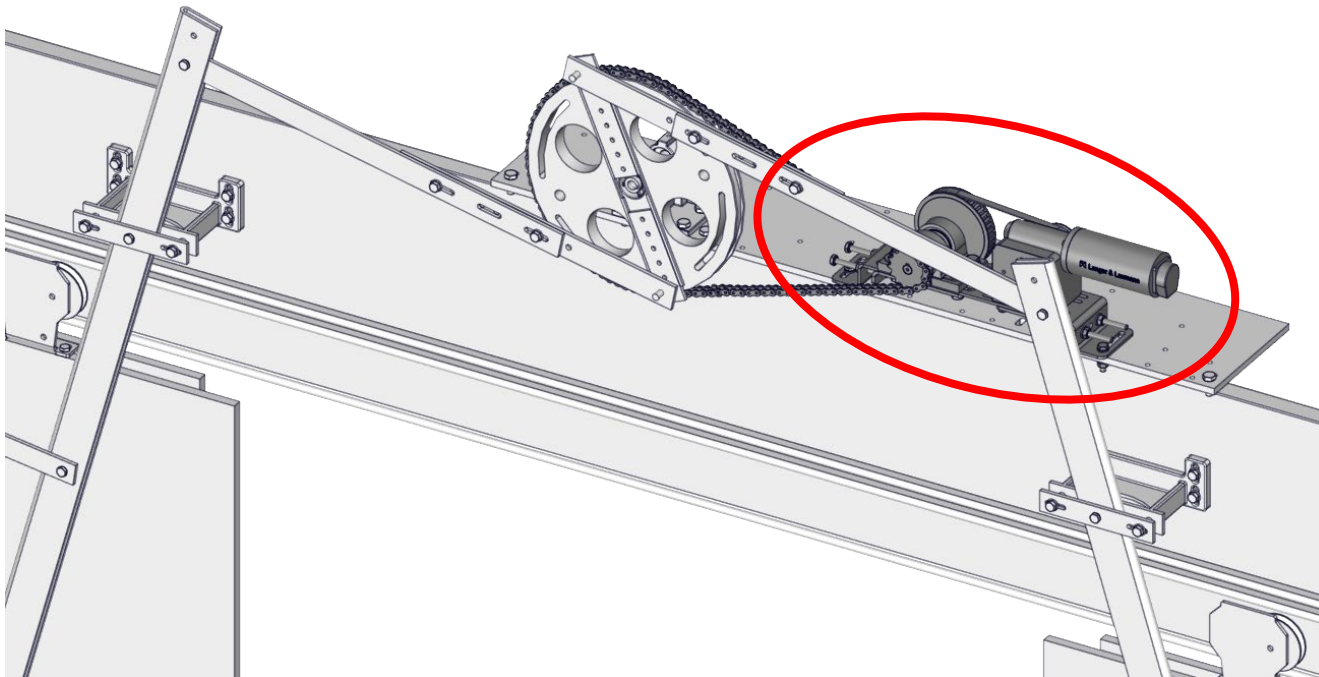
After disassembly

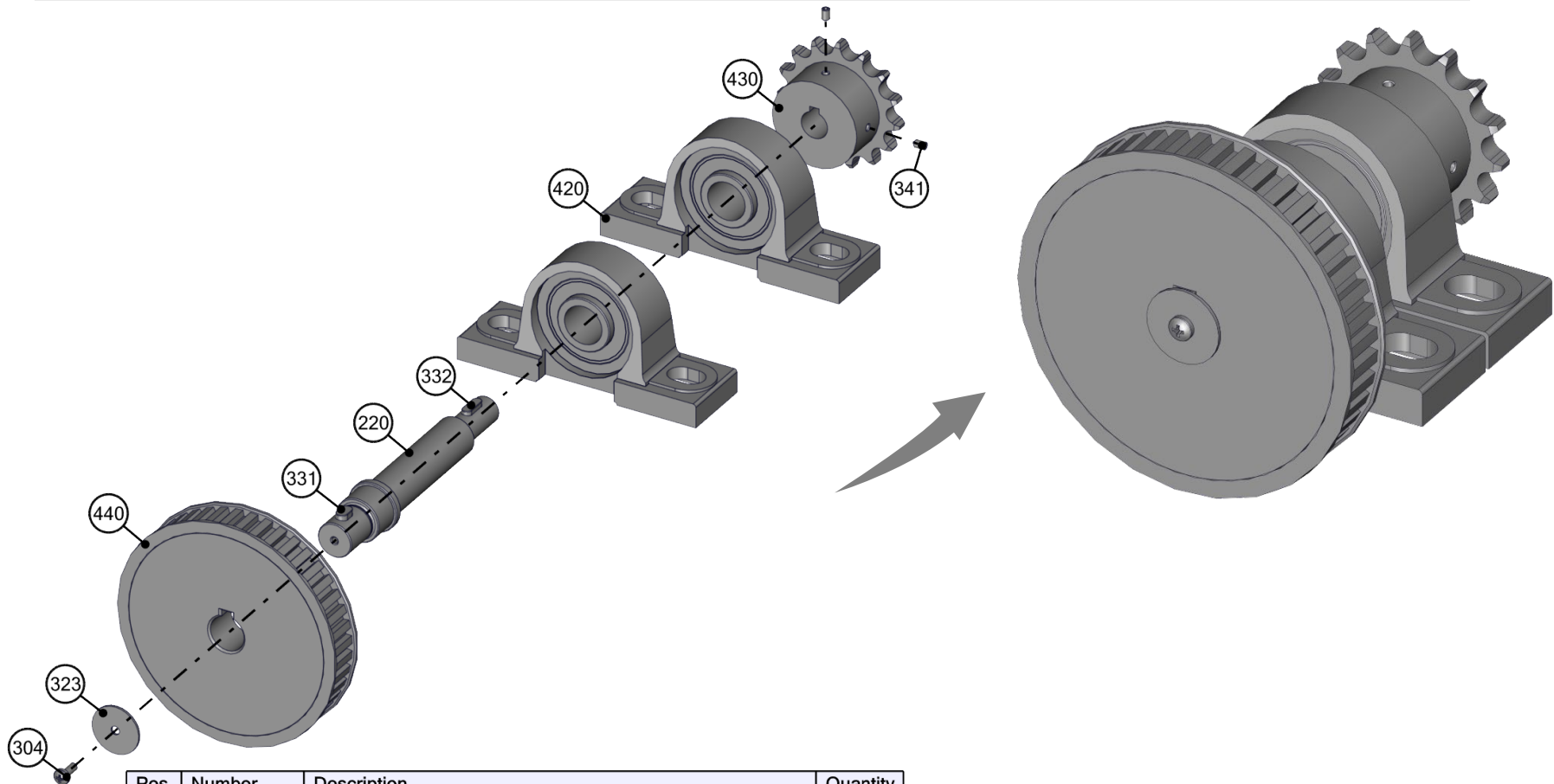
C



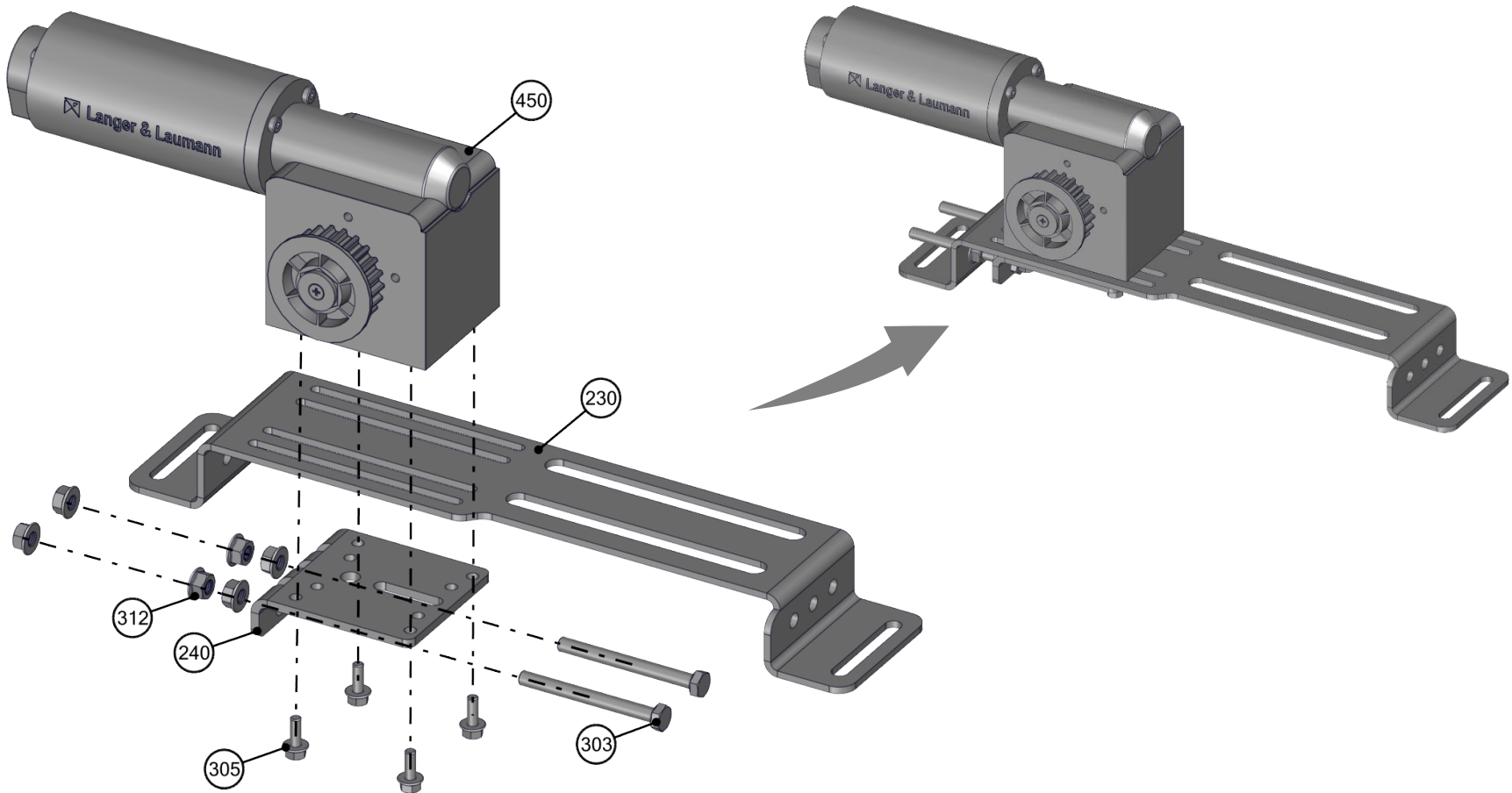
Assembly of the TSG

C

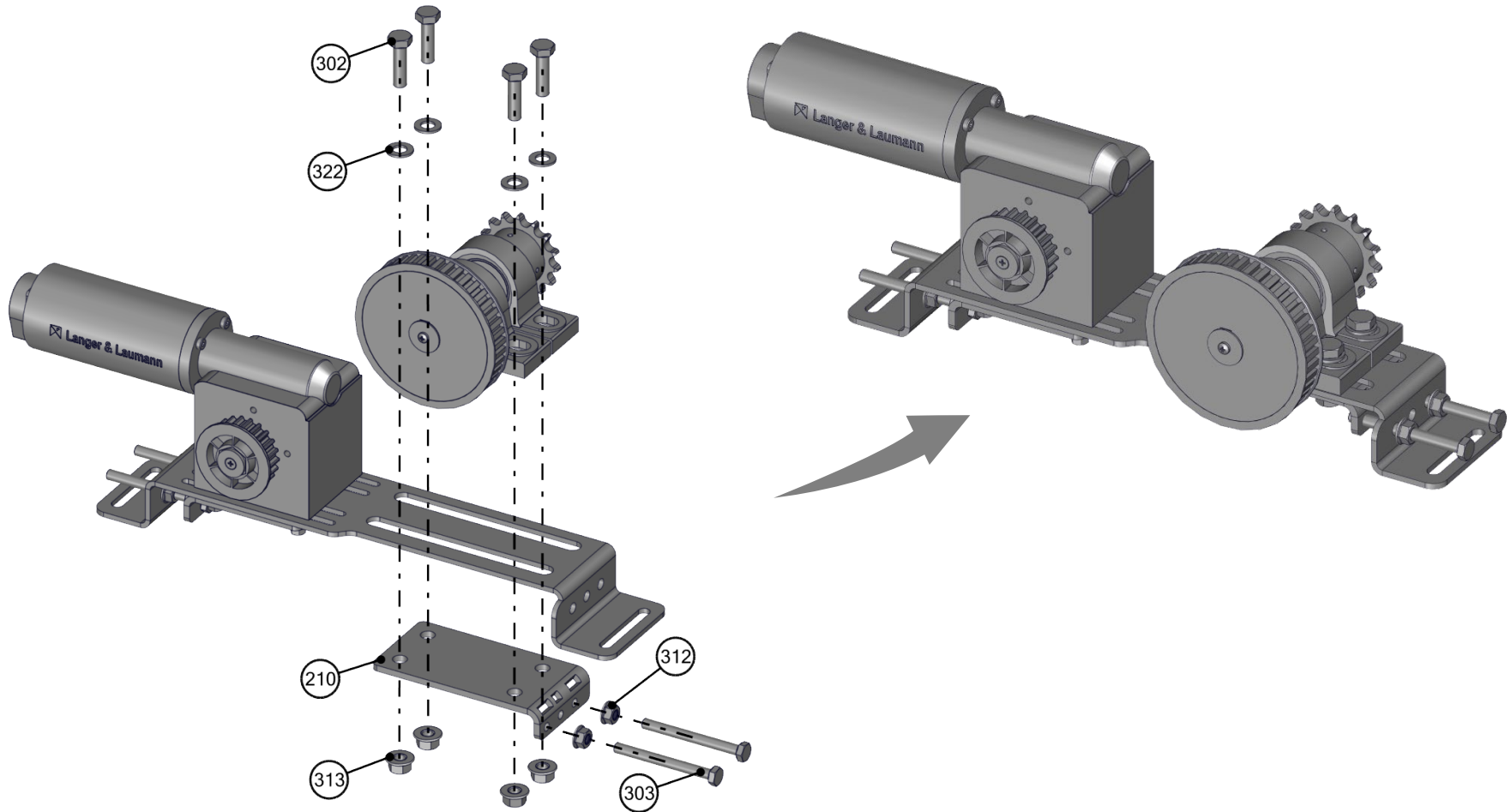




Pos.	Number	Description	Quantity
220	01.20.23230	diverter shaft for 2to1 transmission GAL	1
304	01.36.00003	pan head screw DIN7985 vz 4.8 - M4x10	1
323	01.36.00451	wing repair washer DIN522 vz - 4,3x25x1,25	1
331	01.20.96055	feather key DIN6885, 6x6x10mm	1
332	01.20.96053	feather key DIN6885, 5x5x14	1
341	01.36.05010	hexagon socket set screw, DIN 913, M4x 6	2
420	01.20.85150	pillow block bearing UPC 20mm	2
430	01.20.95196	chain wheel 08B-1 15Z 14H7	1
440	01.20.96110	timing belt pulley, STD8M, d=18H7, D=112[mm], B=15[mm]	1

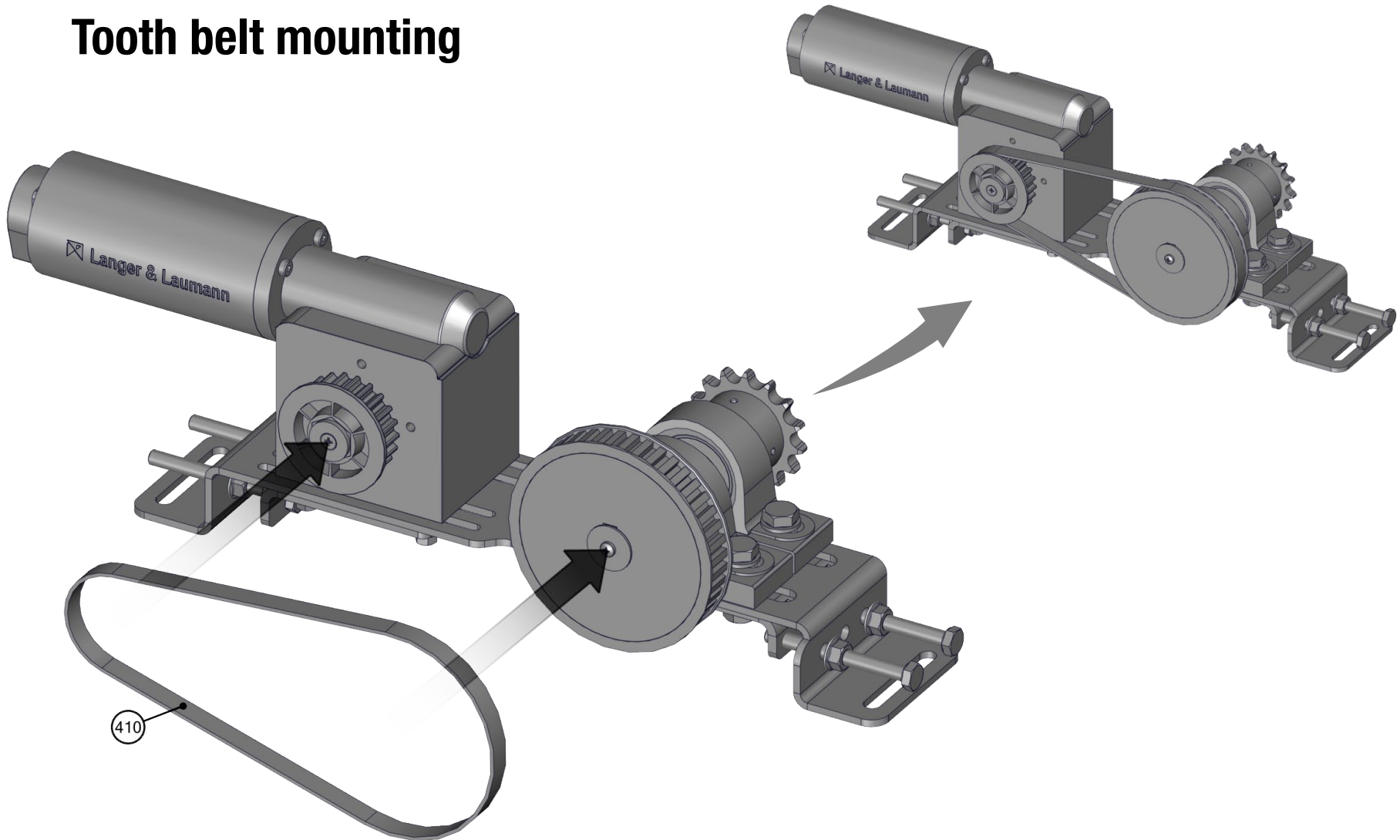


Pos.	Number	Description	Quantity
230	01.20.23200	universal bracket hat for GAL	1
240	01.20.60532	clamping bracket for drive bracket for GAL	1
303	01.36.02125	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x80	2
305	01.36.00138	hexagon head serrated screw WN0274 A2C 8.8 - M6x16	4
312	01.36.00501	hexagon Flange Nut DIN 6923 - M8 - C	6
450	08.20.40000.D2	motor large left & gearbox, 24V/4,9A/1:15	1

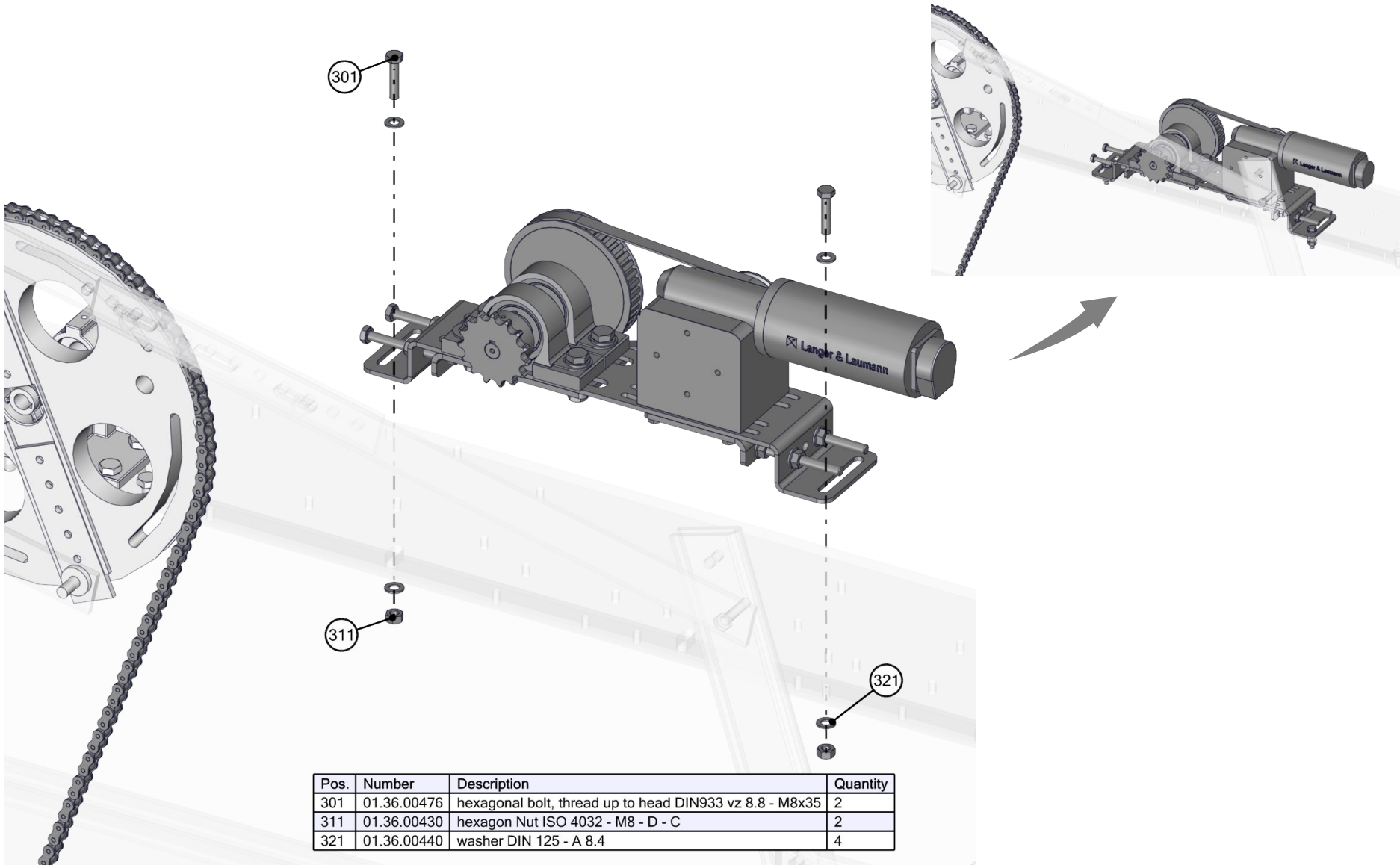


Pos.	Number	Description	Quantity
210	01.20.23220	clamping plate for GAL	1
302	01.36.02110	hexagonal bolt, thread up to head DIN933 vz 8.8 - M10x35	4
303	01.36.02125	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x80	2
312	01.36.00501	hexagon Flange Nut DIN 6923 - M8 - C	2
313	01.36.00503	ribbed nuts, similar to DIN6923 vz - M10	4
322	01.36.00470	washer DIN125A vz - 10,5	4

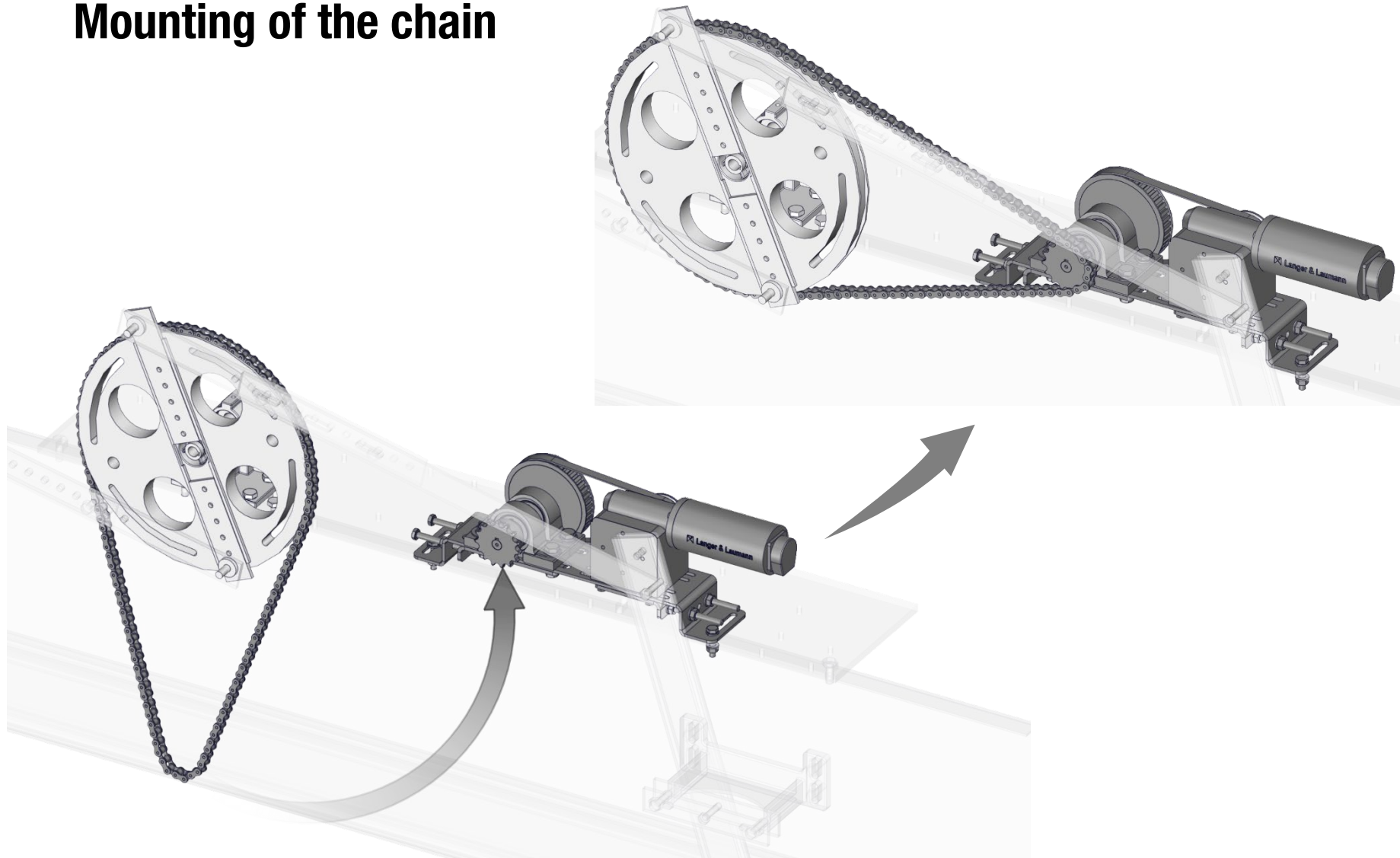
Tooth belt mounting



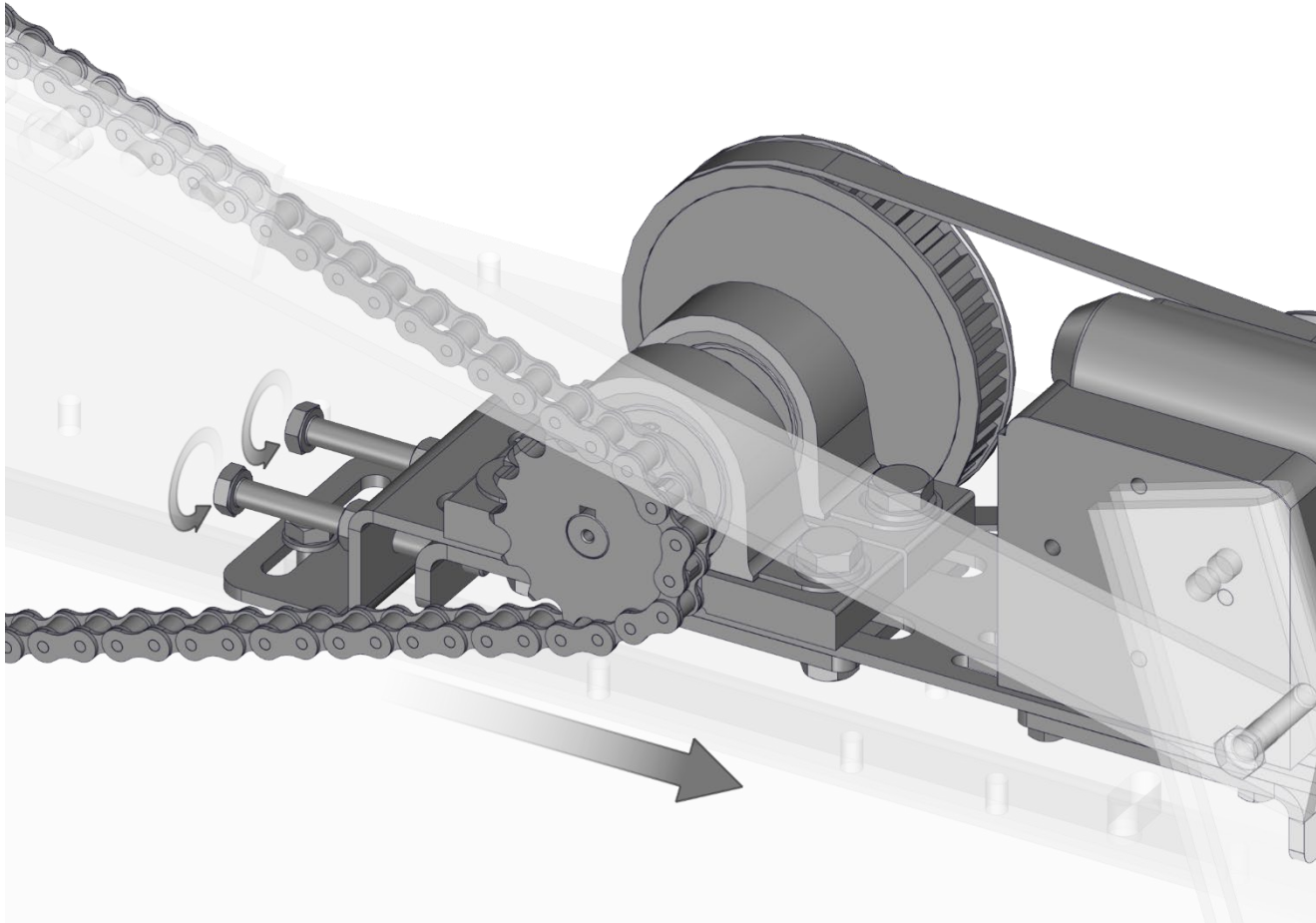
Pos.	Number	Description	Quantity
410	01.20.61090	TSG-toothed belt	1



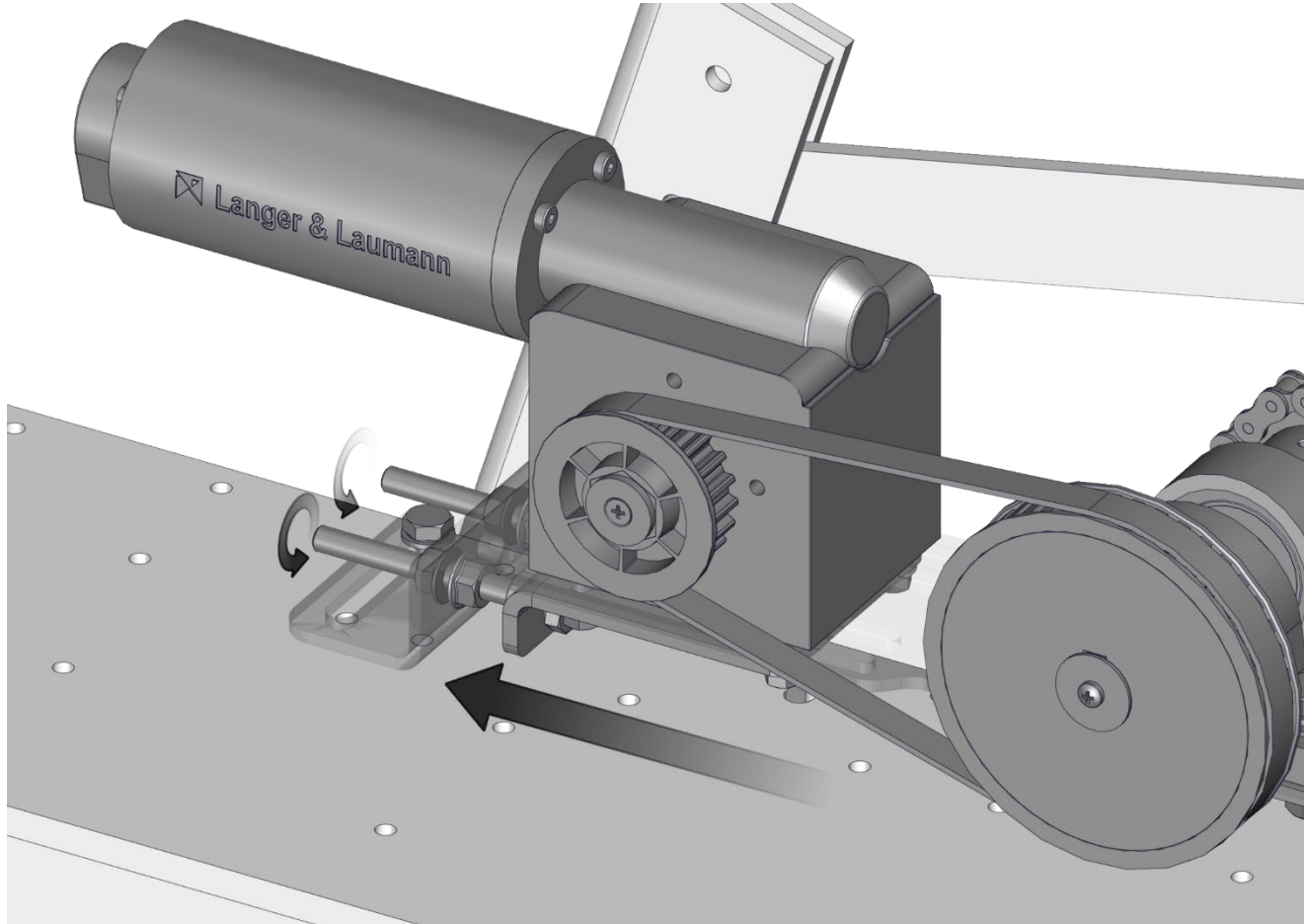
Mounting of the chain



Tensioning of the chain

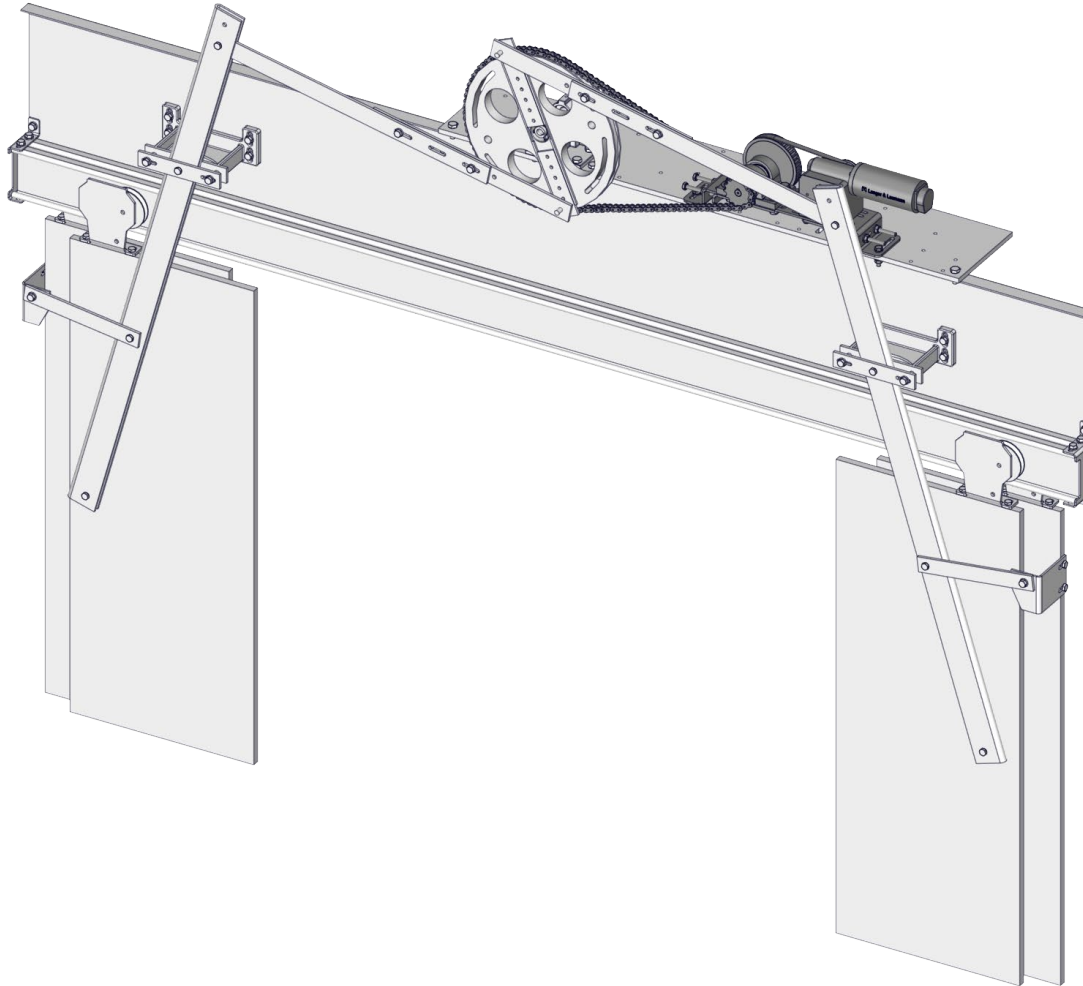


Tensioning of the tooth belt by clamping bracket



Shape and size of the shown motor and clamping bracket may vary

C





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