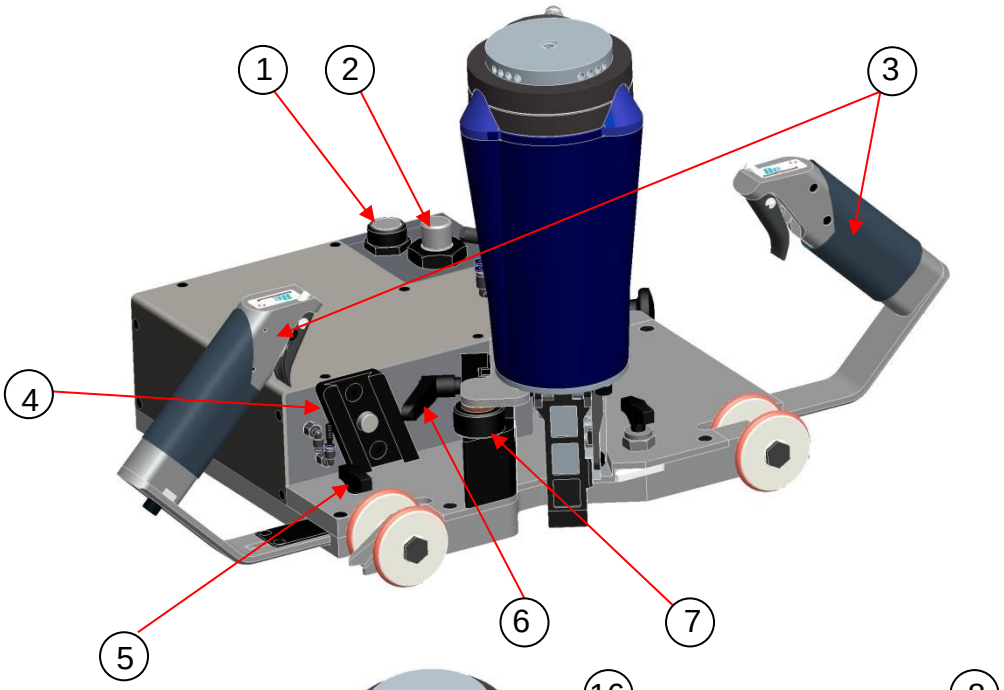
Instruction Manual

Skater

Article: 14412430 & 14414707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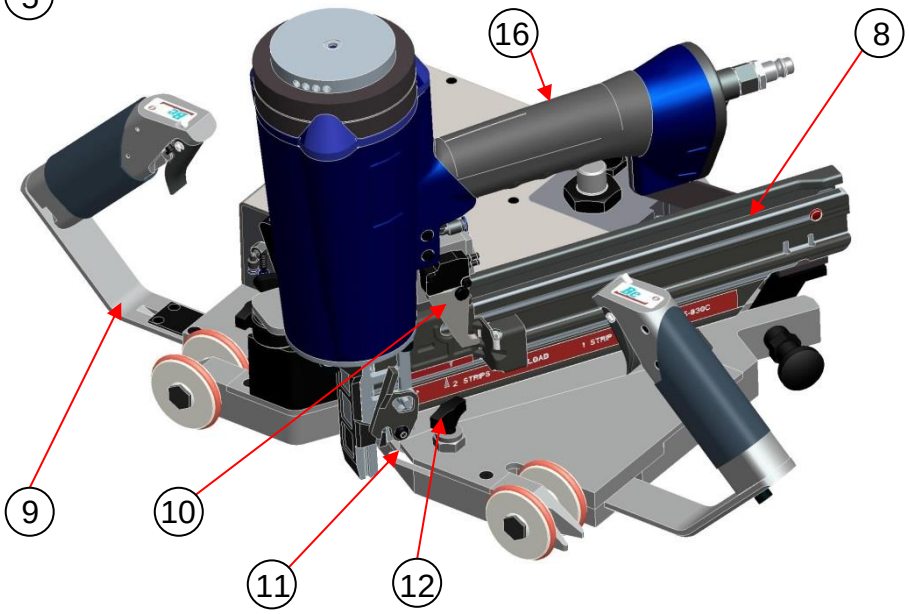
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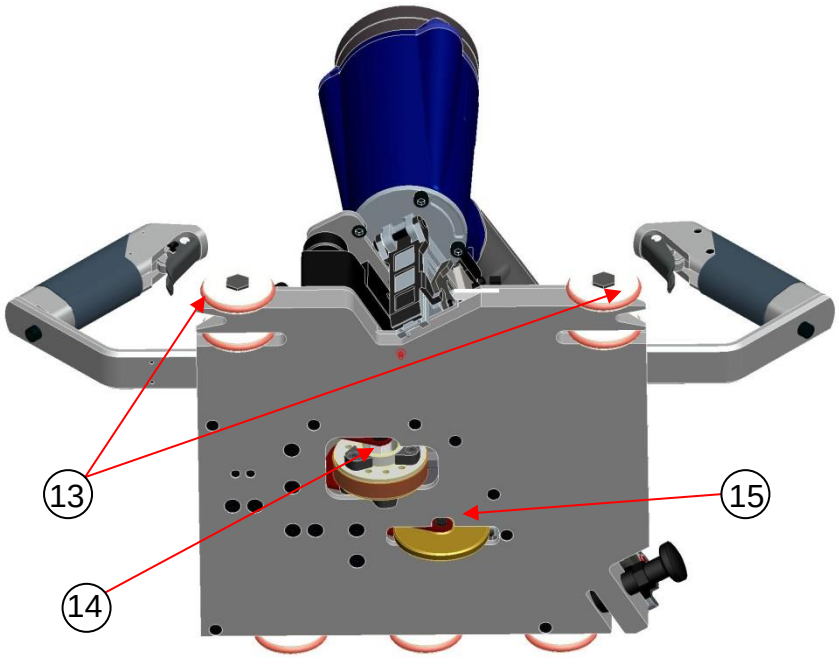
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Description

1. Single shot button
2. Switch for two different stapling distances
3. Handles
4. Long handle support
5. Butterfly screw for extendable handle
6. Clamp screw for height adjustment
7. Height adjustment screw
8. Magazine
9. Extendable handle
10. Empty shot control
11. Protector
12. Butterfly screw for edge guide
13. Aiming device
14. Control wheel
15. Safety wheel
16. Main handle

How to transport the skater:

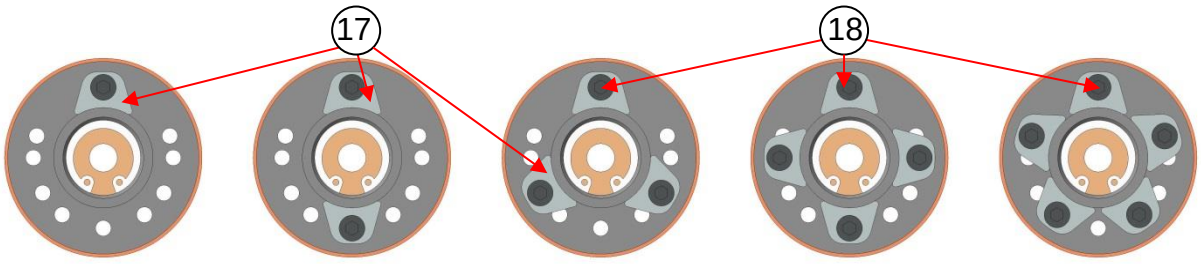
The Skater must be transported only by grapping the main handle (16).

Important:

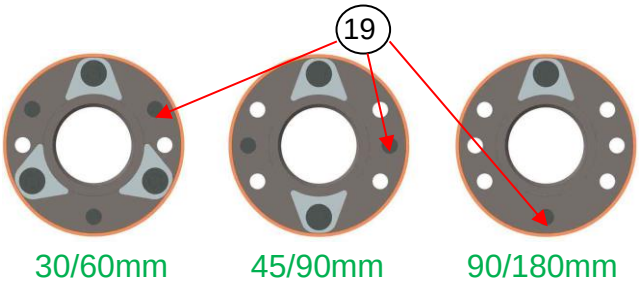
- The skater can be pushed or pulled on a surface using the two handles (3).
- If the Skater shall be lifted and moved it must be grabbed on the main handle (16).

Setting the stapling distance

The stapling distance of Skater 14412430 can be varied by the alternative use of either one cam (17) or two cams or three cams or four cams or five cams.
The factory configuration of Skater 14412430 is 40mm at the left side and 50mm at the right side of the control wheel. The threaded hole with the mark X is allways in use.



The factory configuration of Skater 14414707 is 30/60mm. Other distances you can use are 45/90mm and 90/180mm. This distances can only use in the mentioned combinations!



The control wheel comes with threaded holes which are in a circular alignment. The cams (17) must be screwed (18) into these holes by always keeping the gap you can see in the different pictures. The hole that is marked with X is always in use. For the distances at the Skater 14414707 the cams are screwed in both side's front and back (19) of the control wheel!

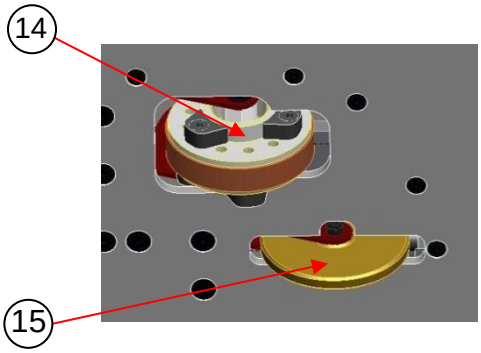
When using the skater you may select two different stapling distances by either briefly pulling or pushing the switch (2).

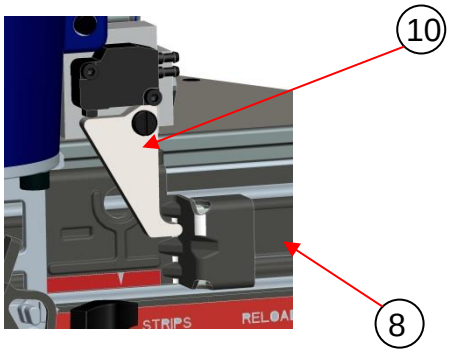
Bottom position → Left side of the control wheel is active (14412430)
→ Small Distance: Both sides of the control wheel are active (14414707)

Top position of → Right side of the control wheel is active (14412430)
→ High Distance: One side of the control wheel is active (14414707)

Safety

The safety wheel (15) and the control wheel (14) ensure that the tool cannot be fired when the skater is lifted. In addition both wheels ensure that the tool stops firing when reaching the edge of the board.

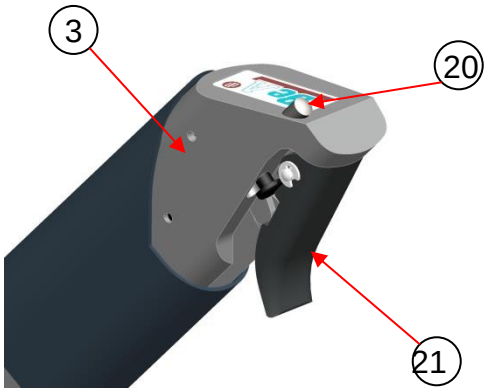




Empty shot control:

The dry fire control stops the firing of the tool when the number of staples is low. This protects the tool and leaves no marks on the boards.

To avoid accidentally firing when moving the skater on the board, all handles (3) are equipped with a safety stop (20). Only when the safety stop is pressed the trigger can be used. When the trigger is not in use the safety stop moves back in its position.



Actuation of the tool

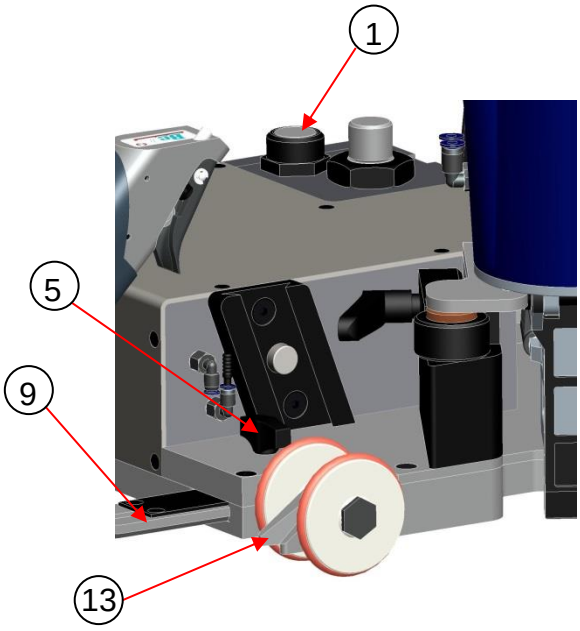
To actuate the tool the following conditions have to be fulfilled:

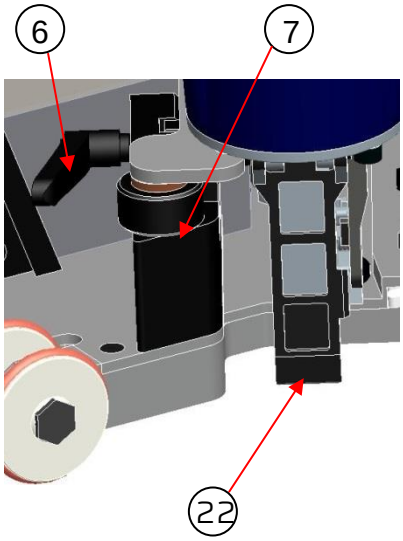
- The magazine (8) must be filled with enough staples so that the dry firing control does not engage
- The control wheel (14) and the safety wheel (15) have to be activated (have to be pushed inward)
- Safety stop (20) and trigger (21) have to be pressed
- The skater must be moved either forward or backwards so that the control wheel and its cam turn and consequently a shot is triggered.

By moving the skater on the board fasteners are driven in a set distance. The aiming device (13) lets you easily follow drawn lines.

A single shot can be fired anywhere by pressing the trigger (21) and the single shot bottom (1) together.

One of the two handles (9) can be extended up to 190mm by opening the butterfly screw (5).





Height adjustment

The driving depth can be set by lowering/ raising the stapler. For this purpose loosen clamp crew (6) and turn the height adjustment screw (7) clockwise to lower the tool and to drive the fasteners deeper. For less driving depth turn the screw anti clockwise. After adjustment tighten the clamp screw (6) firmly.

The clamp screw (6) can be additionally secured by the counter nut.

Available staplers for the skater

Tool: Article code: Staple type:	14/65-830 Skater 12000624 14,155 and 16 up to 65 mm	Tool: Article code: Staple type:	180/65-835 Skater 12000625 180 up to 65 mm
Tool: Article code: Staple type:	DC/90-902C Skater 12000658 BDC 2.5-3.1 from 50-80 mm	Tool: Article code: Staple type:	K92/12-25 L5P Skater 12200112 92 up to 25 mm
Tool: Article code: Staple type:	180/90-839 Skater 12000659 180 up to 75 mm	Tool: Article code: Staple type:	KG700/65-3477 Skater KMR 12000645 KG700 from 45 – 65 mm

Important!!!
For lengths greater than 65 mm only 2 shots per second are possible!

Accessories

- long handle (23) for using the skater whilst walking on the board
- rails (25) and an edge guide (24) for the use on the edge of the board or along the rails
- festool-rail guide set (26) for use along a festool-rail

Long handle (23)

Article code: 14412429

Edge guide (24)

Article code: 14412428

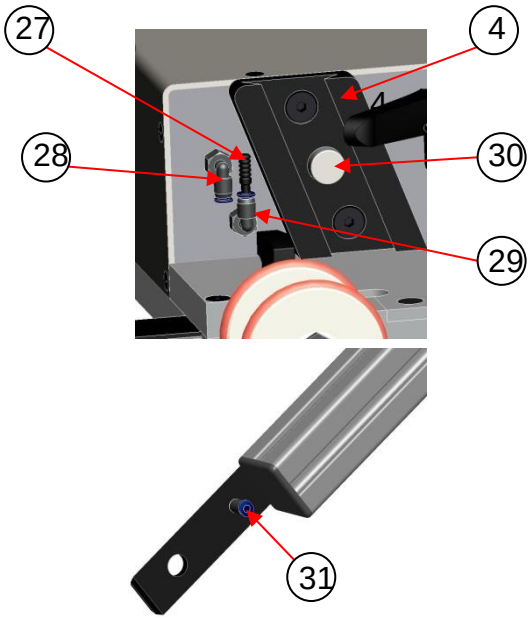
Rails (25)

Article code (3m Length): 14406482
Article code (3.5m Length): 14409063

Festool rail guide set (26) (Set consists of three reels with screw)

Article code: 14412767

Mounting the accessories



Long handle

Before attaching the long handle disconnect tool from the air supply.

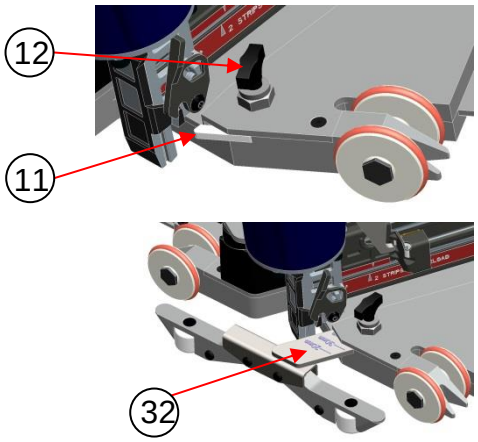
Remove the plug (27) from the air connection B (29) and store safely in (31) on the long handle support.

Insert the long handle into the long handle support (4) until the holding bolt (30) snaps in.

Connect the black hose to the connector A (28) and the blue hose to the connector B (29)

<u>Important!!!</u>
If the long handle is not assembled, connector A (28) must always be open and connector B (29) must always be closed by the plug (27)!

Edge guide:



Loosen butterfly screw (12) and take out the protector (11).

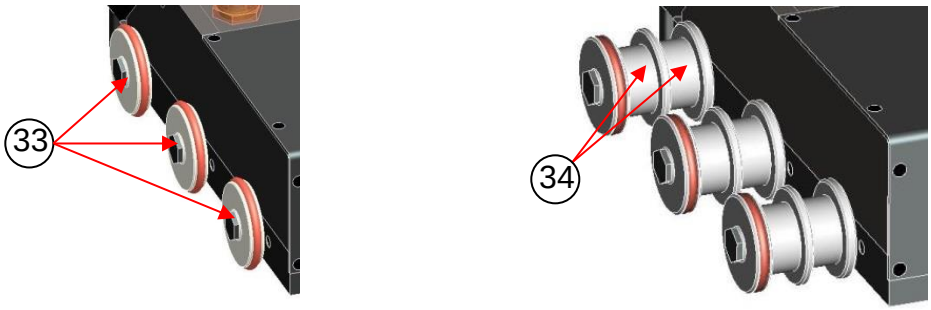
Insert the edge guide into the slot.

Set the distance between the edge guide and the centre of the nose piece with the help of the scale (32). Tighten the butterfly screw again.

The edge guide can be used to guide the skater at the edge of the board or at a table track

Festool rail guide set:

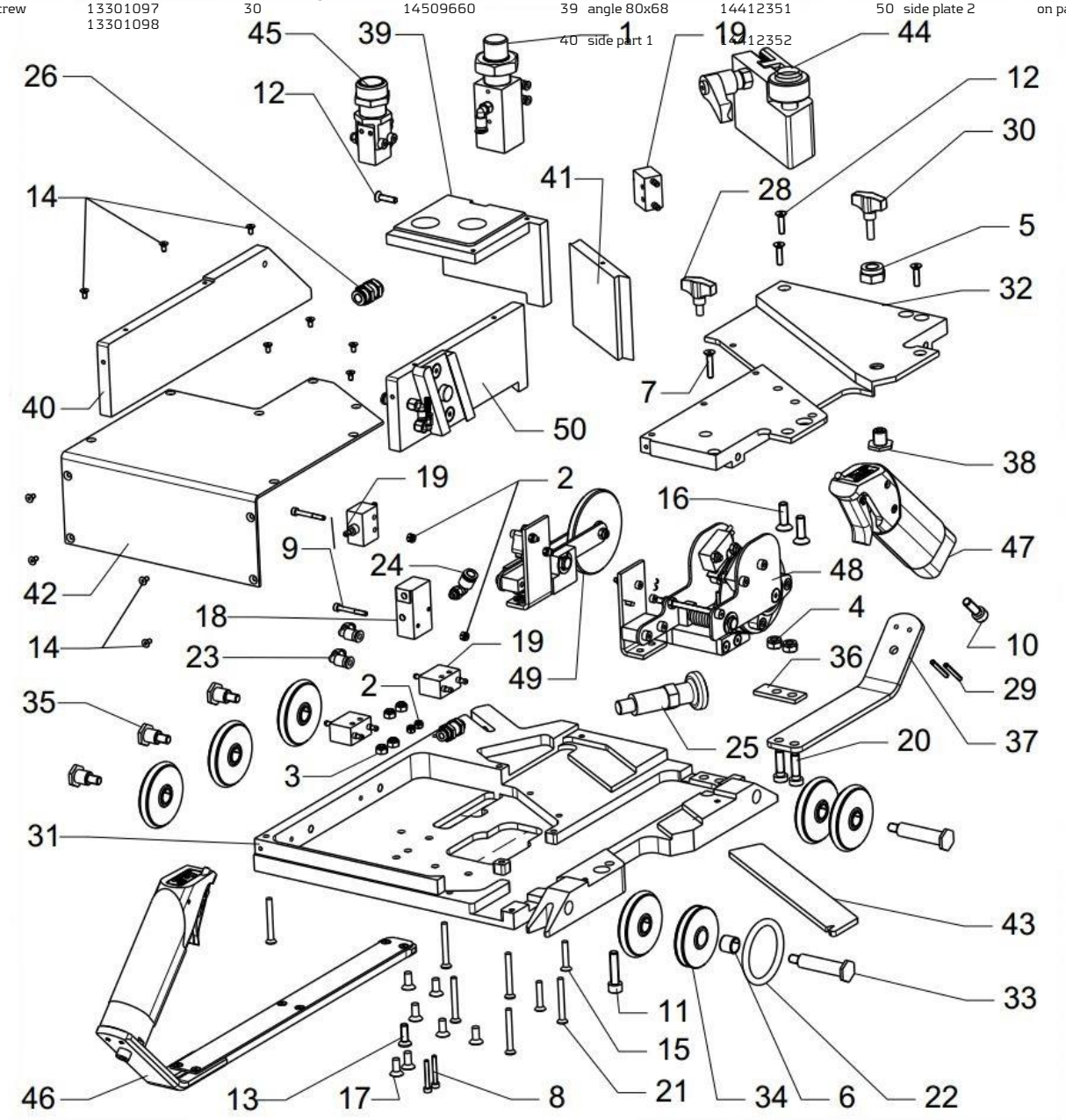
- Unscrew and detach carrying wheels (33) with AF 15mm wrench.
- Fix the festool rail guide set



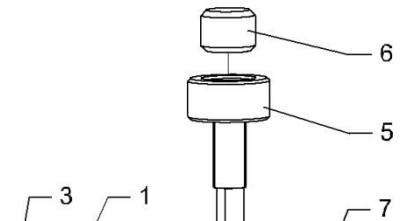
With the Festool rail guide the skater can be pushed or pulled through a Festool rail. It is possible by the grooves (34) to depart two webs at a distance of 20 mm, without changing the position of the Festool rail.

Spare part list Skater (Article code: 14412430/14414707)

1	distance switch	siehe Seite 9
2	lock nut	13300436
3		13300438
4		13300439
5		13300441
6	bearing bush	13300629
7	countersink screw	13301078
12		13301255
13		13301259
14		13301260
15		13301263
16		13301270
17		13301271
21		13303898
8	allan screw	13301097
9		13301098
10		13301137
11		13301138
20		13303014
18	3/2-control valve	13301453
19	OR element	13301472
22	o-ring	13303901
23	push-in connector	14000295
24		14000403
26		14001589
27		14001590
25	locking pin	14001587
28	butterfly screw	14509660
30		14509660
29	spiral pin	14509166
31	base	14412304
32	covering plate	14412305
33	long fitted screw	14412311
34	carrying wheel	14412312
35	short fitted screw	14412314
36	shim	14412992
37	short lever holder	14412321
38	butterfly screw holder	14412322
39	angle 80x68	14412351
40	side part 1	14412352
41	angular side part	14412354
42	cover plate	14412360
43	cover	14412431
44	height adjustment	on page 8
45	single shot	on page 8
46	extended trigger handle	on page 9
47	handle	on page 8
48	wheel rocker 1	on page 10
49	wheel rocker 2	on page 9
50	side plate 2	on page 10



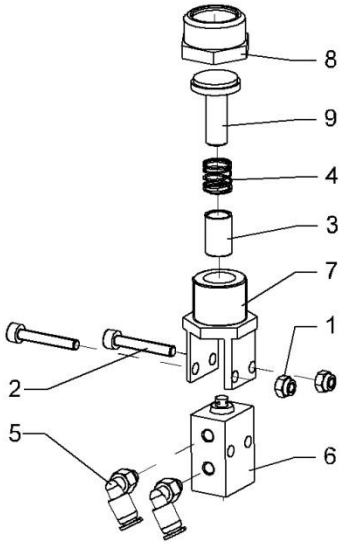
Height adjustment



1	screw nut	13301358
2	compression piece	13303886
3	clamp lever	14001622
4	spacer	14412928
5	damping attachment	14412307
6	damper	14412308
7	sleeper clip	14412929

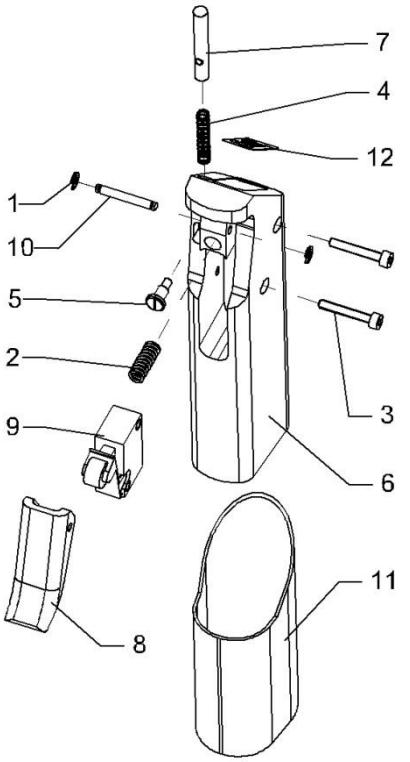
Single shot

1	lock nut	13300437
2	allan screw	13301109
3	bearing bush	13303891
4	pressure spring	13303892
5	push-in connector	14000295
6	valve	14001591
7	push button body	14412357
8	push button cap	14412358
9	push button	14412359



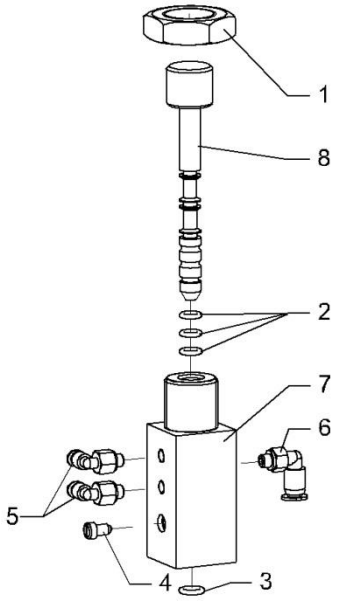
Handle

1	retain ring	13300346
2	pressure spring	13300948
4		13302779
3	allan screw	13301096
5	Fitted screw	13303888
6	lever	14412317
7	dowel	14412318
8	trigger	14412320
9	roller lever valve	13301457
10	valve handle bolt	14403761
11	handle isolation	15500680
12	label BeA	14403742



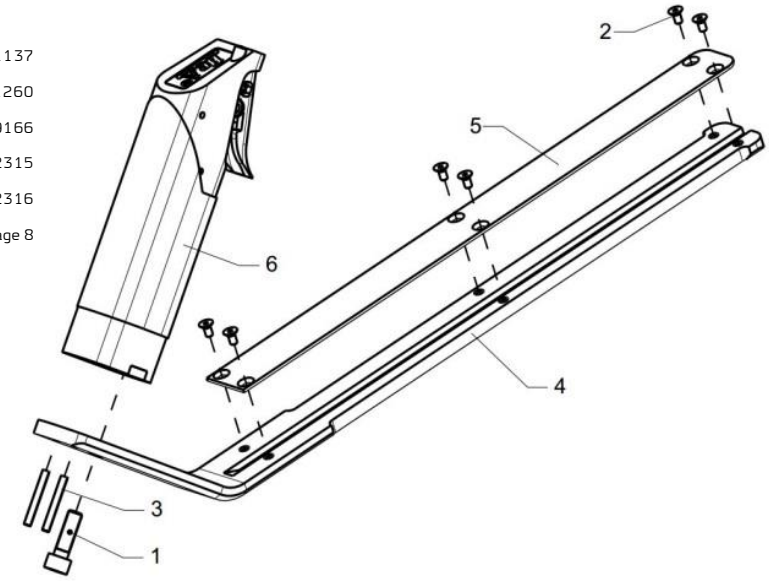
Distance switch

1	screw nut	13009825
2	o-ring	13300005
3		13300007
4	compression piece	13303890
5	push-in connector	14000294
6		14000295 (14412430)
		14000296 (14414707)
7	valve body	14412355
8	valve spool	14412356



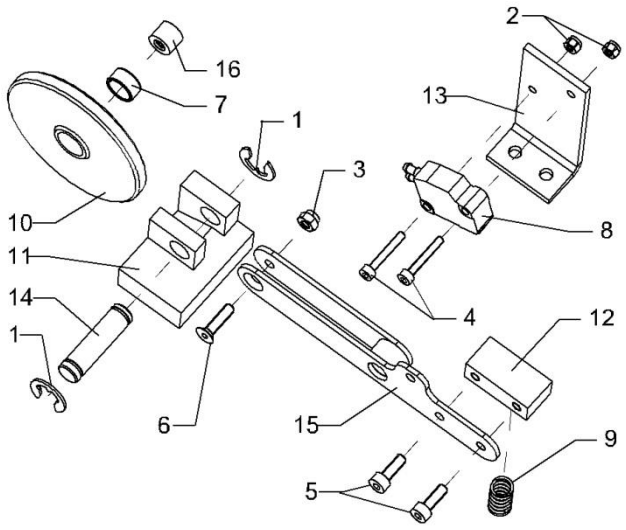
Extended trigger handle

1	allan screw	13301137
2	countersunk screw	13301260
3	spiral pin	14509166
4	long lever holder	14412315
5	cover sheet	14412316
6	handle	on page 8



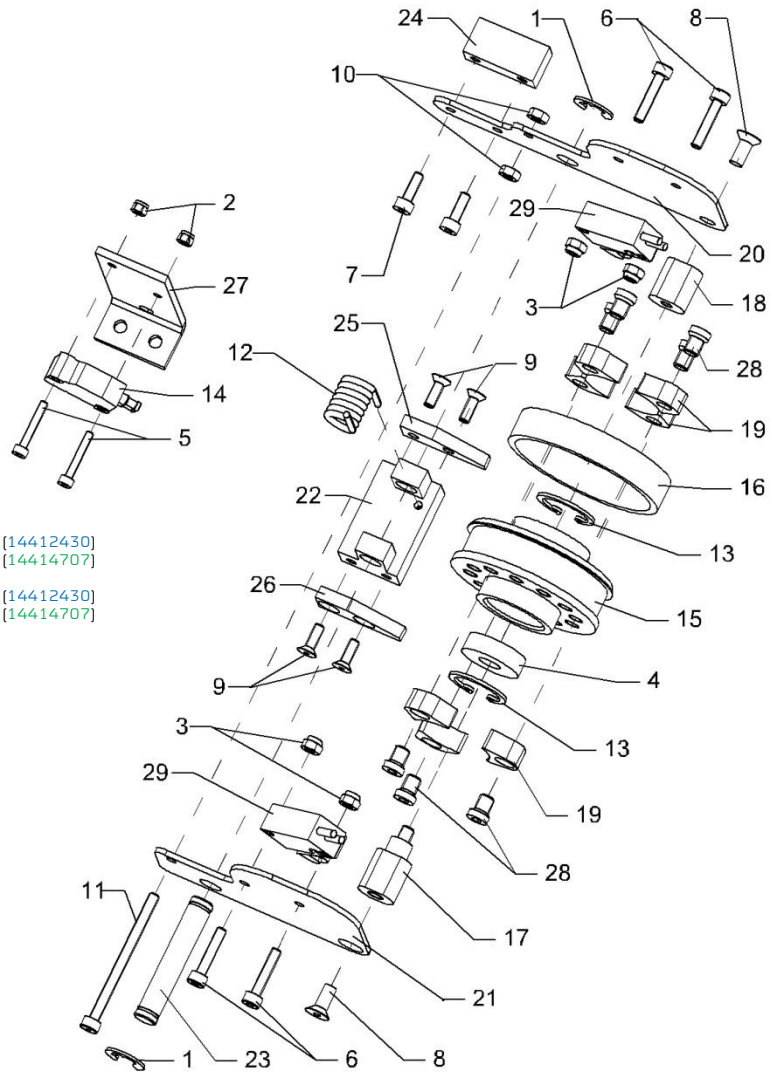
Wheel rocker 2

1	retain ring	13300351
2	lock nut	13300436
3		13300437
4	allan screw	13301096
5		13301244
6	countersunk screw	13301255
7	plain bearing bush	13303887
8	valve	14001588
9	pressure spring	14402119
10	wheel 2	14412332
11	rocker holder	14412342
12	cam switch	14412344
13	angle wheel rocker 2	14412348
14	bolt 9h6x35	14412350
15	wheel holder	14412390
16	bolt wheel 2	14412392



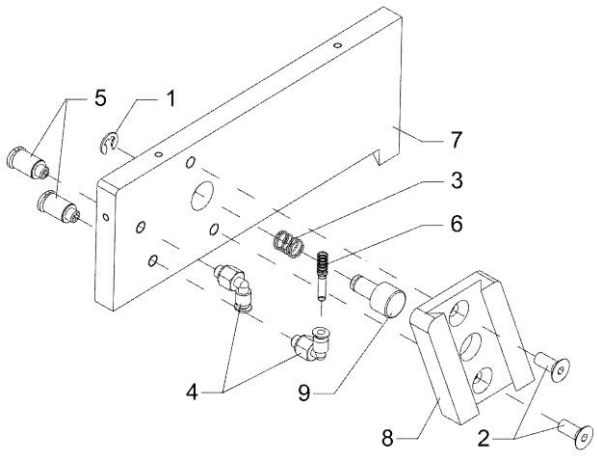
Wheel rocker 1

1	retain ring	13300351	
13		13303894	
2	lock nut	13300436	
3		13300437	
4	ball bearing	13300642	
5	allan screw	13301096	
6		13301107	
7		13301244	
11		13302942	
8	countersunk screw	13301271	
9		13301273	
10	screw nut	13301355	
12	leg spring	13303889	
14	valve	14001588	
15	control wheel	14412331	[14412430]
		14414614	[14414707]
16	surface	14412333	[14412430]
		14414615	[14414707]
17	shaft 1	14412334	
18	shaft 2	14412335	
19	cam	14412336	
20	wheel holder 1	14412337	
21	wheel holder 2	14412338	
22	rocker holder 1	14412341	
23	bolt 9h6x52	14412343	
24	cam switch	14412344	
25	support 20° 1	14412345	
26	support 20° 2	14412346	
27	angle wheel rocker 1	14412347	
28	countersunk screw	14412371	
29	roller lever valve	14402928	



Side plate 2

1	retain ring	13300348
2	countersink screw	13301271
3	pressure spring	13303905
4	push-in connector	14000294
5		14000297
6	plug	14001592
7	side part 2	14412353
8	stand-up handle support	14413050



DECLARATION OF CONFORMITY

BeA Skater

The manufacturer, importer of pneumatic fastener driving tools, the company

BeA GmbH
Bogenstraße 43-45
22926 Ahrensburg
Germany

Declares under sole responsibility that the product

to which this declaration relates, is in conformity with the following standard:

EN 12100 - 2011
"Safety of Machinery"
and EN ISO 11148-13
following the provisions of the Directive Regarding Machinery (2006/42/ EC).

Responsible for documentation: Martin Theberath

Ahrensburg, June 2021

Dr. Jörg Dalhöfer, CEO