ATH-Heinl

ERSATZTEILBUCH / SPARE PARTS BOOK

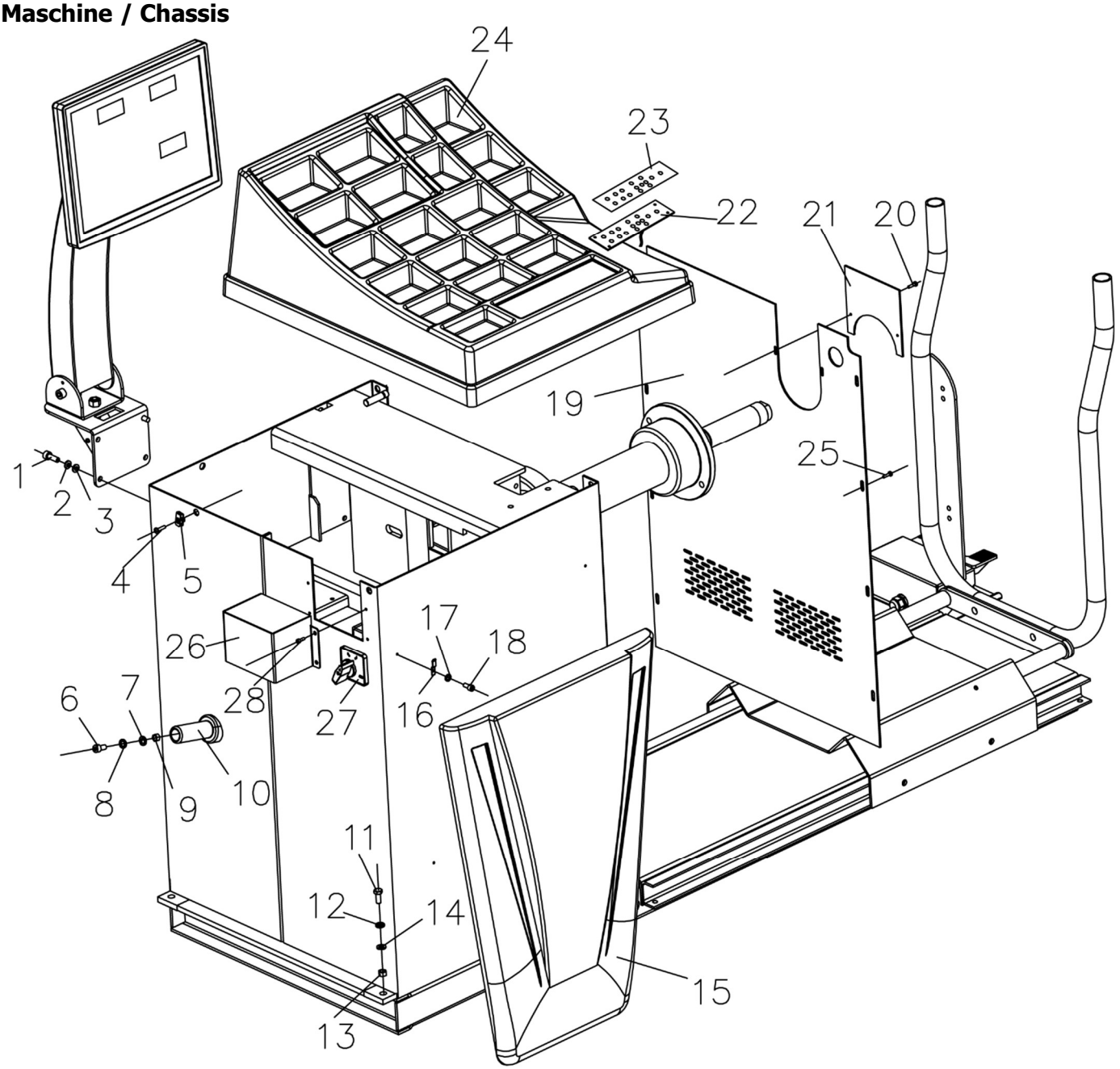
ATH W142





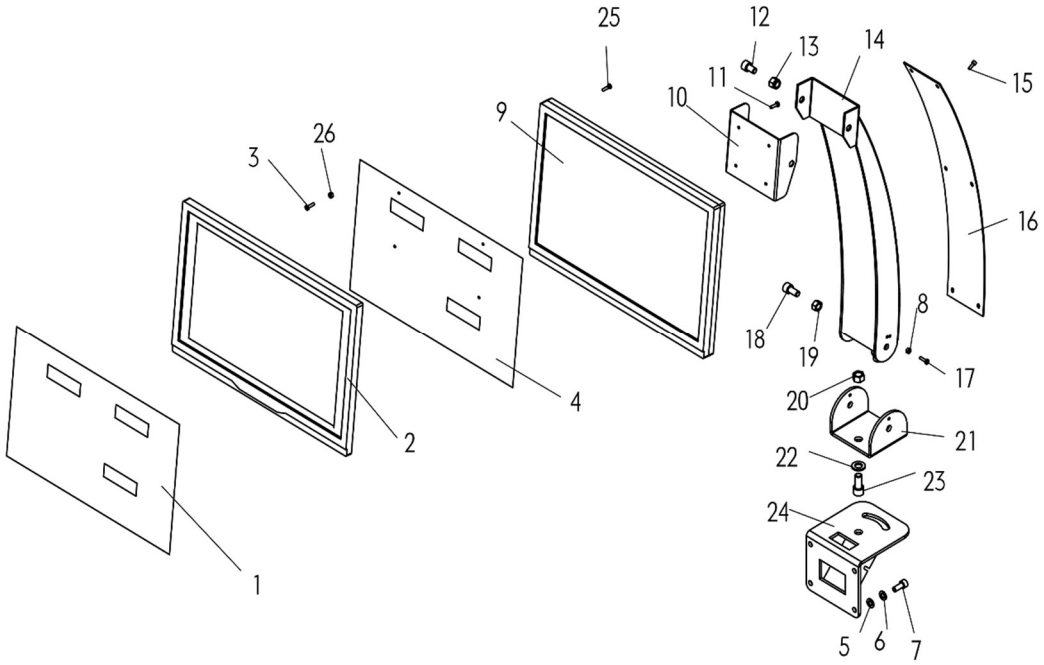
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Maschine / Chassis



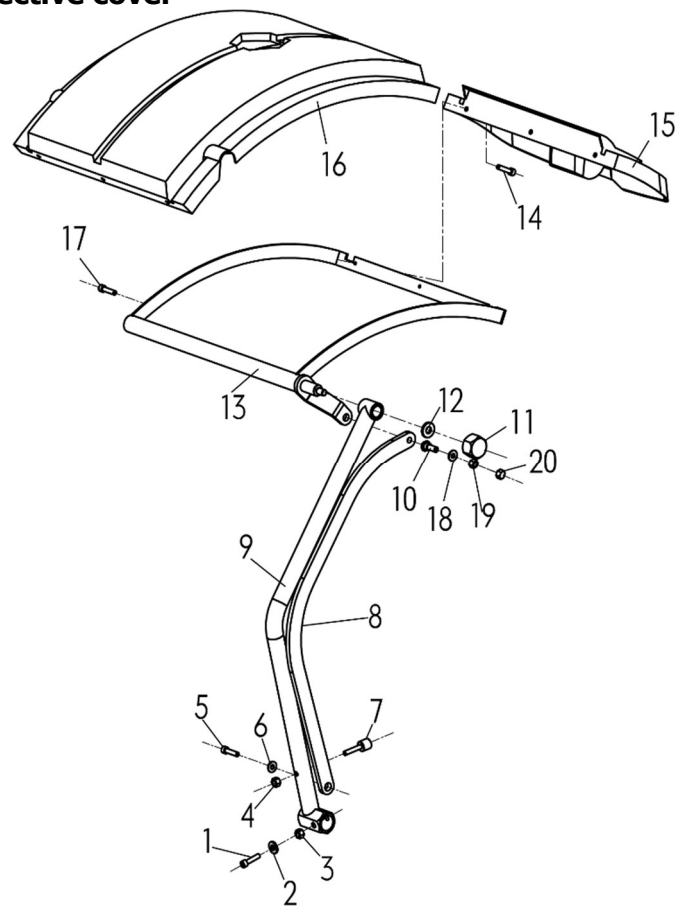
#	ATH #	Reference	Beschreibung	Description	x
1		030201063	Schraube M8x20	Screw M8x20	4
2		030502005	Federscheibe Ø8	Spring washer Ø8	4
3		030501005	Beilagscheibe Ø8	Flat washer Ø8	4
4		030201780	Schraube M6x20	Screw M6x20	5
5		030303120	Mutter M6	Nut M6	5
6		030201046	Schraube M6x30	Screw M6x30	4
7		030502004	Federscheibe Ø6	Spring washer Ø6	4
8		030501004	Beilagscheibe Ø6	Flat washer Ø6	4
9		030301105	Mutter M6	Nut M6	4
10		020601008	Handgriff	Handle	4
11		030101553	Bolzen M10x30	Bolt M10x30	4
12		030502006	Federscheibe Ø10	Spring washer Ø10	4
13		030301107	Mutter M10	Nut M10	1
14		030501006	Beilagscheibe Ø10	Flat washer Ø10	4
15		020602075	ATH Vordere Abdeckung	ATH Front cover	1
16		05020030054	Aufhängung	Decorative hook	4
17		030502002	Federscheibe Ø4	Spring washer Ø4	4
18		030201003	Schraube M4x10	Screw M4x10	4
19		05020030819	Abdeckung groß	Baffle	1
20		030201783	Schraube M4x8	Screw M4x8	2
21		05020030818	Abdeckung klein	Baffle	1
22		021101013	Tastatur	Keyboard	1
23		021101040	Tastatur folie	Keyboard mask	1
24		020602080	Gewichteablage	Weight tray	1
25		030201782	Schraube M5x12	Screw M5x12	8
26		05020030833	Box	Box	1
27		020401012	Schalter HZ5B-16A	Switch HZ5B-16A	1
28		030201002	Schraube M4x8	Screw M4x8	4

Display / Display



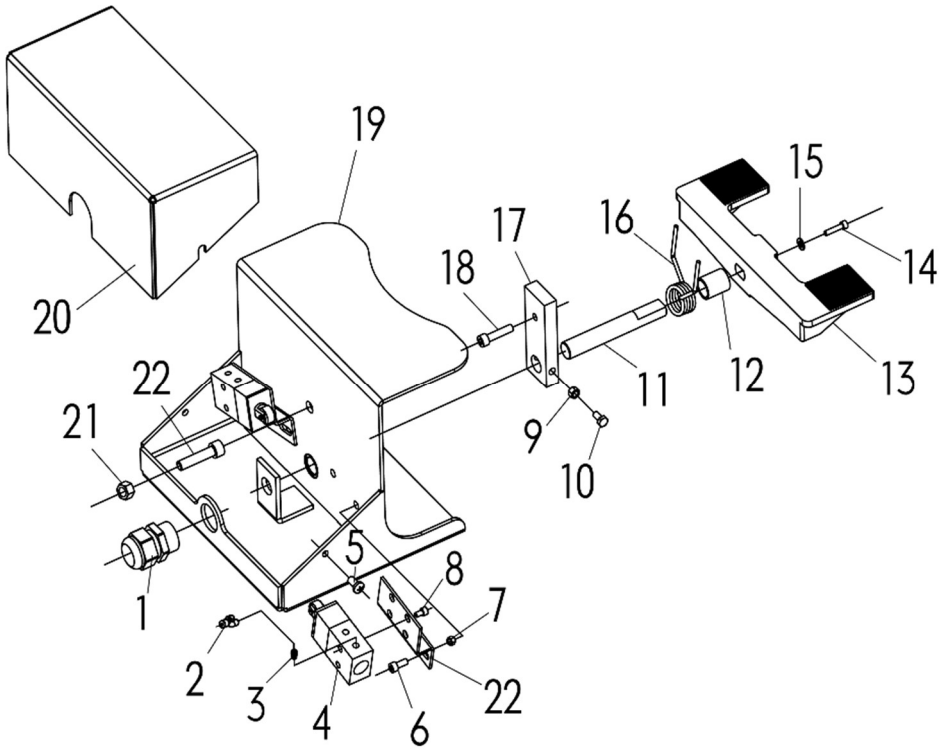
#	ATH #	Reference	Beschreibung	Description	x
1		021101039	Displayfolie	Display panel	1
2		020601249	Vorderer Rahmen	Front cover	1
3		030204001	Schraube M3x16	Screw M3x16	4
4		021003025	Display-Platine	Display board	1
5		030501005	Beilagscheibe 8	Flat washer 8	4
6		030502005	Federscheibe 8	Spring washer 8	4
7		030201063	Schraube M8x20	Screw M8x20	4
8		030301103	Mutter M4	Nut M4	2
9		020601257	Hintere Abdeckung	Rear cover	1
10		05020110208	Display-Aufnahme	Connection plate	1
11		030201337	Schraube M4x16	Screw M4x16	4
12		030201082	Schraube M10x20	Screw M10x20	2
13		030301055	Mutter M10	Nut M10	2
14		05020110200	Aufnahmearm	Support bracket	1
15		030201004	Schraube M4x12	Screw M4x12	6
16		05020110209	Abdeckung Aufnahmearm	Cover plate	1
17		030201006	Schraube M4x20	Screw M4x20	2
18		030201082	Schraube M10x20	Screw M10x20	2
19		030301055	Mutter M10	Nut M10	2
20		030301056	Mutter M12	Nut M12	2
21		05020110264	Dreh-Aufsatz	Rotation seat	1
22		030501007	Beilagscheibe 12	Flat washer 12	2
23		030201112	Schraube M12x30	Screw M12x30	2
24		05020110205	Winkel-Aufnahme	Connection plate	1
25		030204004	Schraube ST2.9x12	Screw ST2.9x12	2
26		030301102	Mutter M3	Nut M3	12

Radschutzbogen / Protective cover



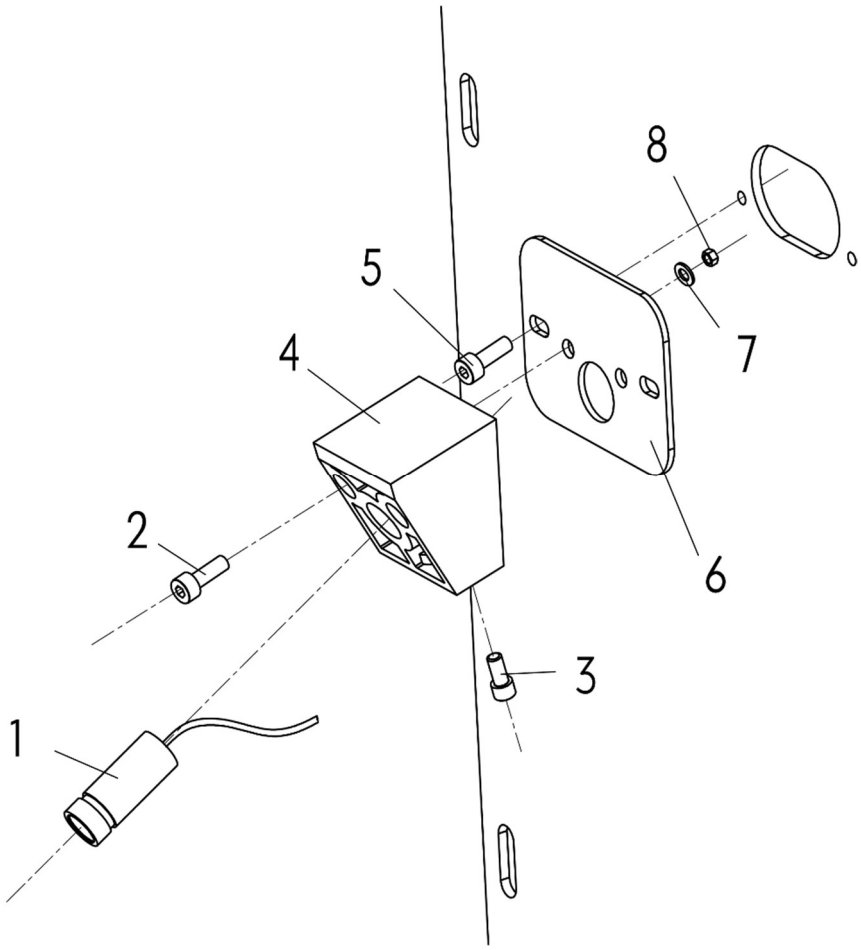
#	ATH #	Reference	Beschreibung	Description	x
1		030201088	Schraube M10x50	Screw M10x50	1
2		030501006	Beilagscheibe 10	Flat washer 10	1
3		030301055	Mutter M10	Nut M10	1
4		030301002	Mutter M8	Nut M8	1
5		030201061	Schraube M8x12	Screw M8x12	1
6		030501005	Beilagscheibe 8	Flat washer 8	1
7		020101080	Anschlag	Crash pad	1
8		05020050123	Zugstange	Pull rod	1
9		05020050113	Aufnahmearm	Support rod	1
10		05020050122	Schraube	Screw	1
11		030301056	Mutter M12	Nut M12	1
12		030501007	Beilagscheibe 12	Flat washer 12	1
13		05020050117	Aufnahmerahmen	Bracket	1
14		030201043	Schraube M6x16	Screw M6x16	3
15		020602099	Radschutzbogen klein	Small cover	2
16		020602100	Radschutzbogen groß	Big cover	1
17		030201041	Schraube M6x10	Screw M6x10	2
18		05020050125	Beilagscheibe	Flat washer	1
19		030301003	Mutter M10	Nut M10	1
20		020101078	Abdeckkappe (schwarz) M10	Protective cap (black) M10	1

Pedal / Pedal



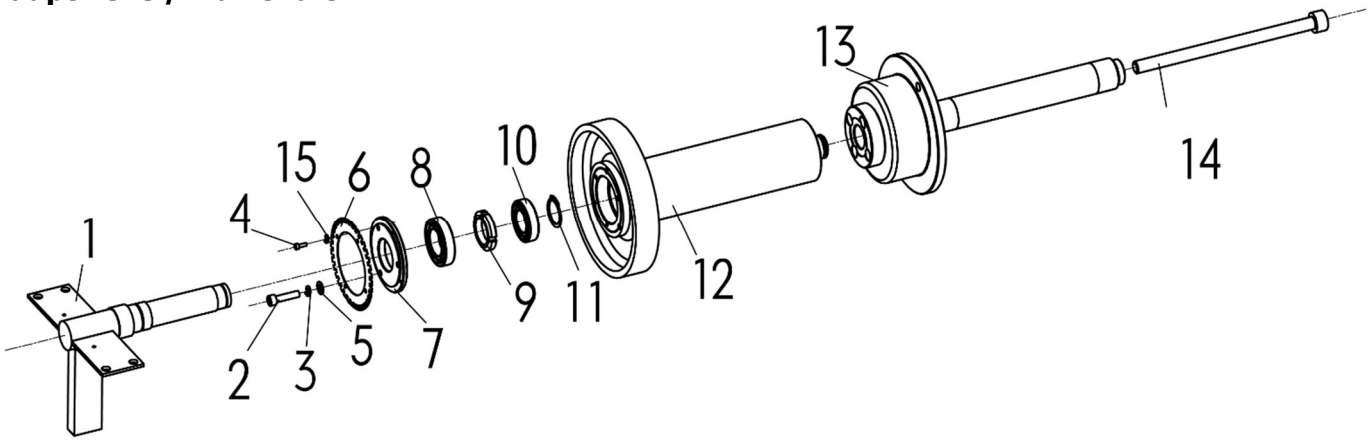
#	ATH #	Reference	Beschreibung	Description	x
1		020101035	Kabeldurchführung 16	Coil 16	1
2		020203325	T-Stück Ø4-Ø4-Ø4	Tee Ø4-Ø4-Ø4	1
3		020203076	Gerader Druckluftanschluss G1/8"-Ø4	Lock straight fittings G1/8"-Ø4	4
4		020204026	Luftventil S3V—M5	Mechanical valve S3V—M5	2
5		030201782	Schraube M5x12	Screw M5x12	2
6		030201022	Schraube M5x10	Screw M5x10	4
7		030301001	Mutter M5	Nut M5	4
8		030201024	Schraube M5x16	Screw M5x16	4
9		030301011	Mutter M6	Nut M6	2
10		030101452	Bolzen M6x16	Bolt M6x16	2
11		05020170036	Achse	Axle	1
12		05020170035	Buchse 2	Sleeve 2	1
13		020601296	Pedal	Pedal	1
14		030201022	Schraube M5x10	Screw M5x10	1
15		030501003	Beilagscheibe 5	Flat washer 5	1
16		020703011	Torsionsfeder	Torsional spring	1
17		05020170030	Schaltnocke	Swing rod	1
18		030201046	Schraube M6x30	Screw M6x30	1
19		05020170032	Pedalbox	Pedal box	1
20		05020170033	Abdeckung Pedalbox	Pedal box cover	1
21		030301002	Mutter M8	Nut M8	1
22		030201064	Schraube M8x25	Screw M8x25	1
23		05020170031	Ventilplatte	Valve plate	2

Laser / Laser



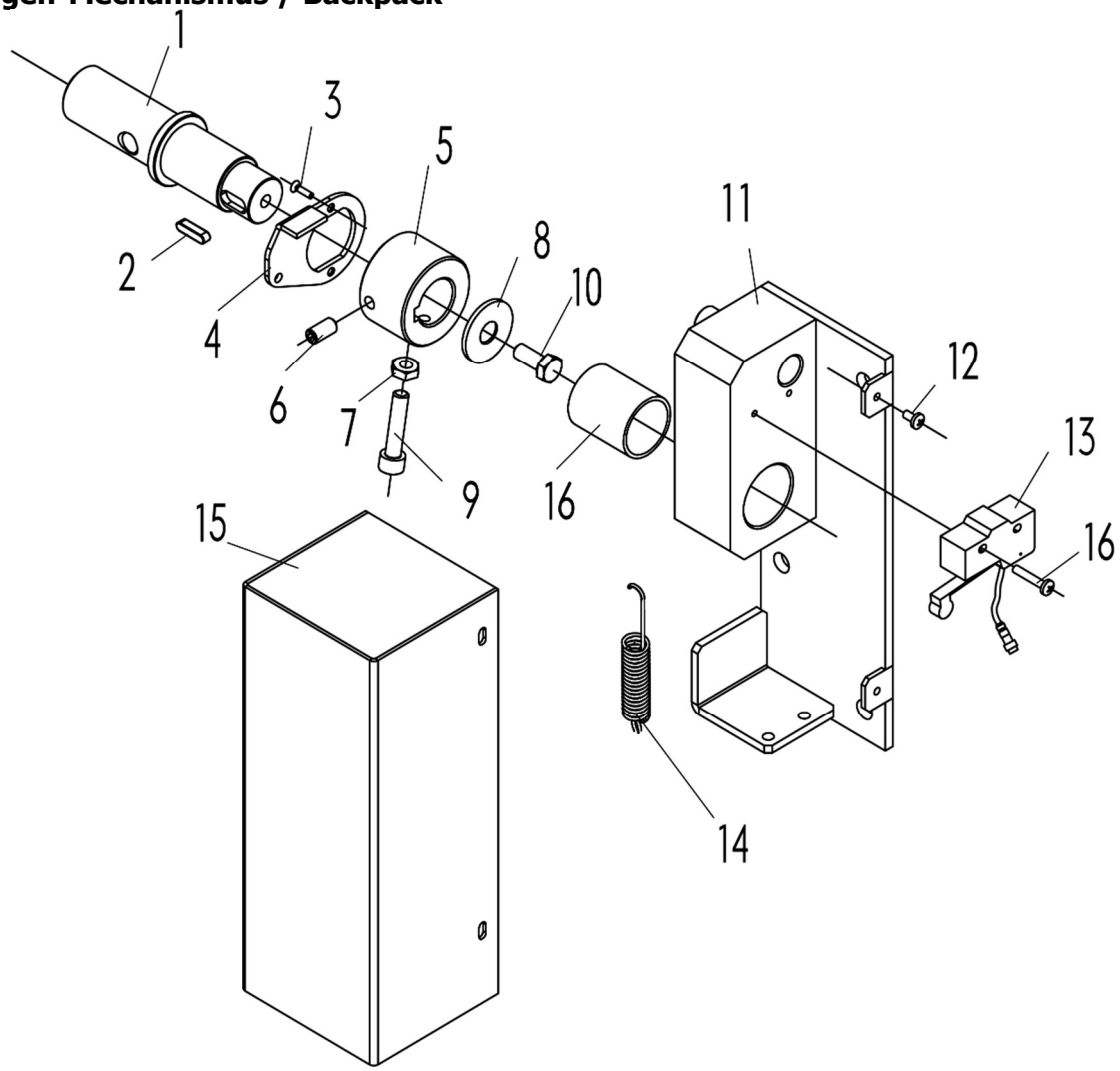
#	ATH #	Reference	Beschreibung	Description	x
1		021006039	Laserlicht 5V; Ø12x35	Laser light source 5V; Ø12x35	1
2		030201006	Schraube M4x20	Screw M4x20	2
3		030202011	Schraube M4x4	Screw M4x4	1
4		020601300	Laserlicht Aufnahme	Laser light bracket	1
5		030201783	Schraube M4x8	Screw M4x8	2
6		05020030826	Montageplatte	Mounting plate	1
7		030501002	Beilagscheibe Ø4	Flat washer Ø4	2
8		030301012	Mutter M4	Nut M4	2

Hauptwelle / Mainshaft



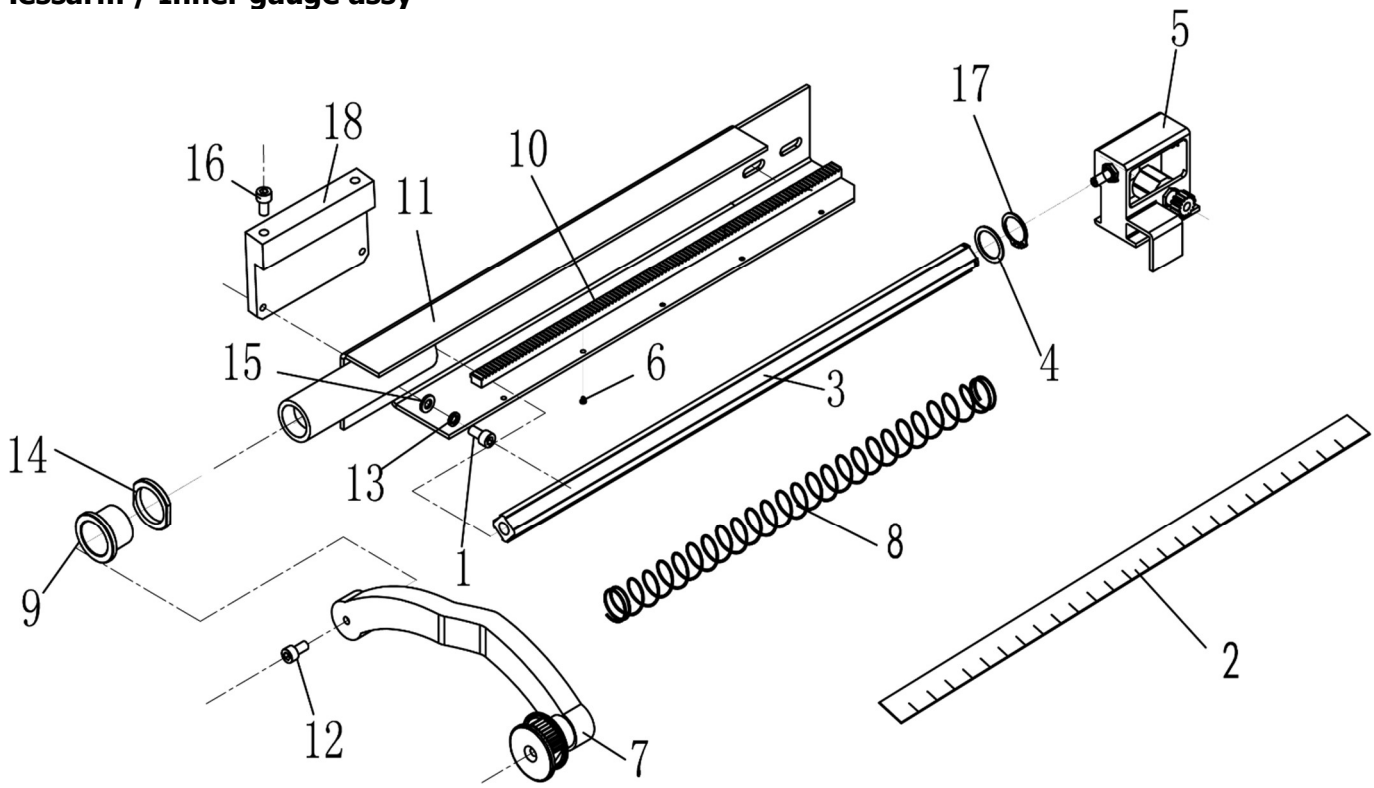
#	ATH #	Reference	Beschreibung	Description	x
1		0530207090	Wuchtwellen-Aufnahme	Beam	1
2		030201044	Schraube M6x20	Screw M6x20	3
3		030502004	Federscheibe Ø6	Spring washer Ø6	3
4		030201004	Schraube M4x12	Screw M4x12	4
5		030501004	Beilagscheibe Ø6	Flat washer Ø6	3
6		05020070009	Zahnscheibe	Photocell	1
7		0530207098	Abdeckung Kugellager	Bearing end cover	1
8		030802053	Kugellager 6007 NSK	Bearing 6007 NSK	1
9		030303106	Nutmutter M35x1.5	Round nut M35x1.5	1
10		030802002	Kugellager 6006 NSK	Bearing 6006 NSK	1
11		030604023	Sicherungsring 30	Circlip 30	1
12		05020070304	Hauptwelle	Axis sleeve	1
13		05020070301	Gewindewelle	Adaptor	1
14		030201191	Schraube M16x30	Screw M16x30	1
15		030502002	Federscheibe Ø4	Spring washer Ø4	4

Schutzbogen-Mechanismus / Backpack



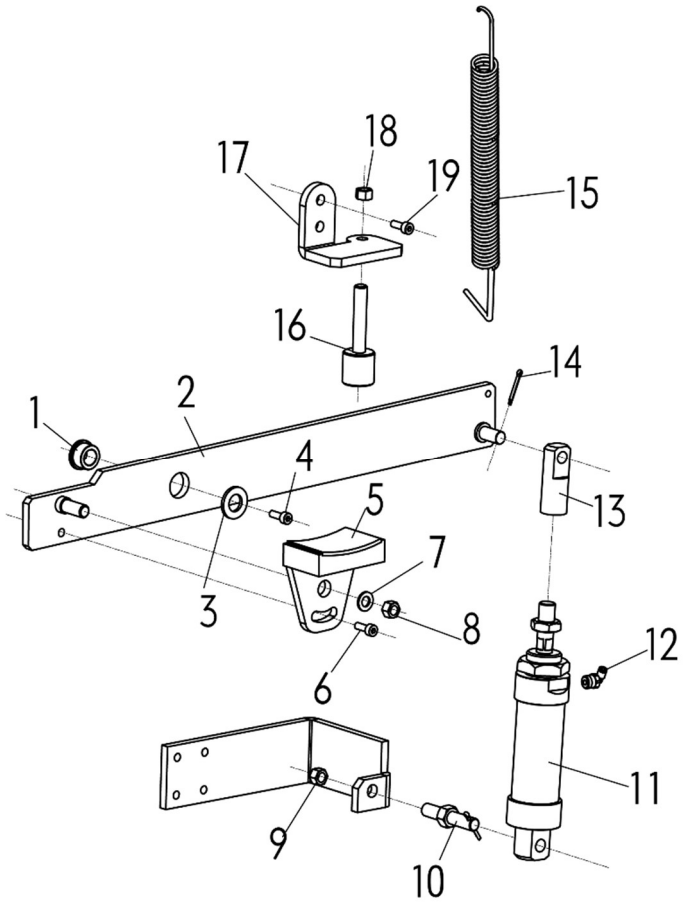
#	ATH #	Reference	Beschreibung	Description	x
1		05020050107	Achse	Axis	1
2		030701041	Passfeder 8x7x18	Flat key 8x7x18	1
3		030201453	Schraube M5x10	Screw M5x10	2
4		05020050109	Schaltplatte	Switch plate	1
5		05020050108	Buchse	Sleeve	1
6		030202023	Schraube M8x8	Screw M8x8	1
7		030301002	Mutter M8	Nut M8	2
8		030501125	Beilagscheibe 8	Washer 8	1
9		030201068	Schraube M8x45	Screw M8x45	2
10		030101365	Bolzen M8x30	Bolt with full thread M8x30	1
11		05020050101	Aufnahme	Backpack seat	1
12		030201333	Schraube M4x8	Screw M4x8	3
13		021006031	Mikroschalter YBLXW-5/11G1	Microswitch YBLXW-5/11G1	1
14		020702031	Feder	Spring	1
15		05020050110	Abdeckung	Backpack cover	1
16		030201340	Schraube M4x30	Screw M4x30	2

Messarm / Inner gauge assy



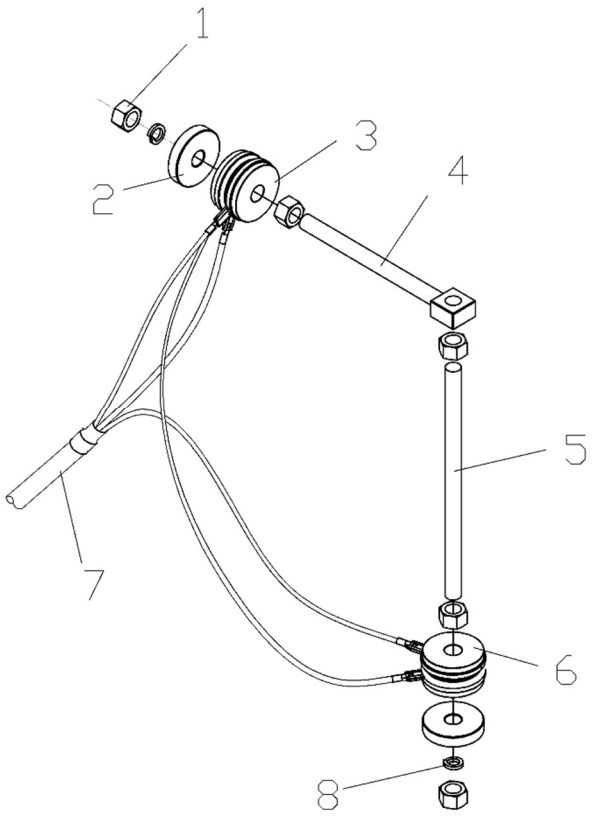
#	ATH #	Reference	Beschreibung	Description	x
1		030201043	Schraube M6x16	Screw M6x16	2
2		020801010	Aufkleber Messlehre	Sticker for ruler	2
3		05020040034	Messarm-Stange	Guide rod	1
4		05020040008	Scheibe	Pad	1
5		060204016	Aufnahme für Poti	Slide block	1
6		030204001	Schraube ST2.9x6.5	Screw ST2.9x6.5	6
7		0500204140	Messarm	Rod	1
8		020701066	Feder	Spring	1
9		05020140001	Buchse	Nut sleeve	1
10		020601299	Zahnstange	Rack	1
11		05020040091	Aufnahme für Messarm	Pull rod support	1
12		030201043	Schraube	Screw	1
13		030502004	Federscheibe	Spring washer	2
14		05020140002	Mutter	Nut	2
15		030501004	Beilagscheibe	Flat washer 6	2
16		030201063	Schraube M8x20	Screw M8x20	2
17		030604101	Sicherungsring 20	Circlip 20	1
18		05020040090	Aufnahme	Inner gauge seat	1

Bremse / Brake assy



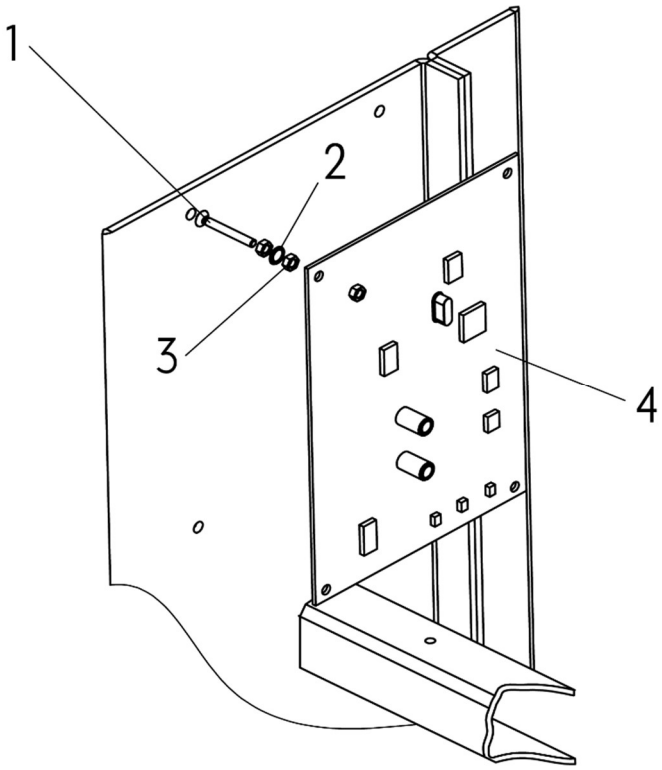
#	ATH #	Reference	Beschreibung	Description	x
1		05020020307	Buchse	Lever bushing	1
2		05020020301	Bremshebel	Brake lever	1
3		030501006	Beilagscheibe 10	Flat washer 10	1
4		030201083	Schraube M10x25	Screw M10x25	1
5		05020020313	Bremsbacke	Brake block	1
6		030201042	Schraube M6x12	Screw M6x12	1
7		030501005	Beilagscheibe 8	Flat washer 8	1
8		030301002	Mutter M8	Nut M8	1
9		030301002	Mutter M8	Nut M8	1
10		05020020305	Achse	Axis	1
11		020203331	Zylinder 25x25	Cylinder 25x25	1
12		020203075	Winkelanschluss Ø4-G1/8"	Elbow Ø4-G1/8"	1
13		05020020306	Anschlussstück	Block	1
14		030903006	Splint 2x20	Cotter 2x20	2
15		020702027	Zugfeder	Tension spring	1
16		020101080	Anschlag	Crash pad	1
17		05020020308	Begrenzung	Limit stop	1
18		030301002	Mutter M8	Nut M8	1
19		030201043	Schraube M6x16	Screw M6x16	2

Drucksensor / Sensor



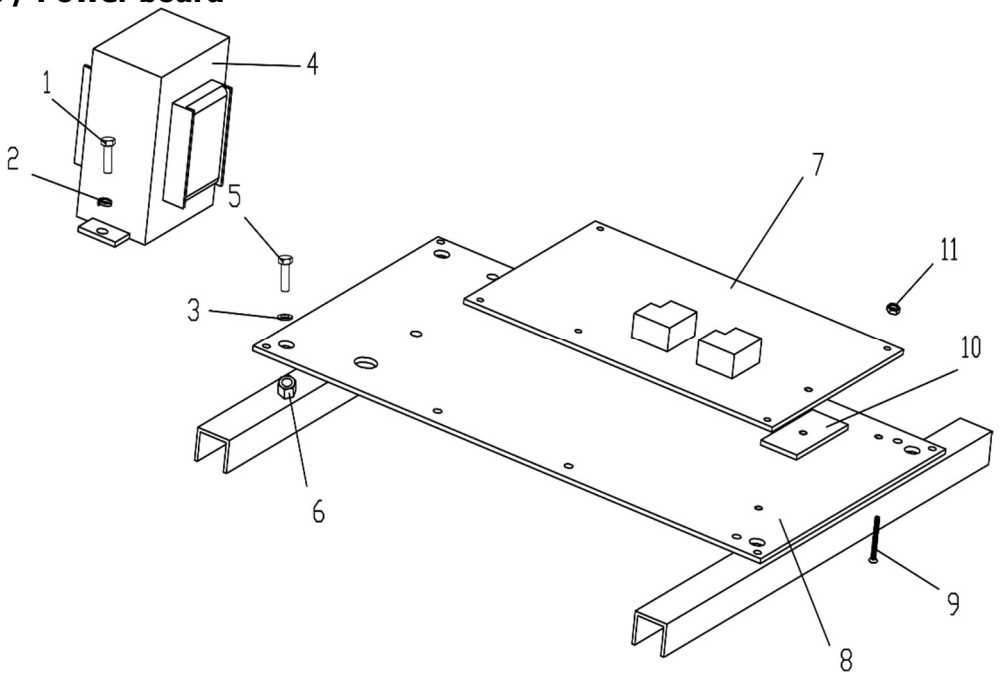
#	ATH #	Reference	Beschreibung	Description	x
1		030301108	Mutter M12	Nut M12	5
2		05020070029	Sensor Flachdichtung	Sensor flat gasket	2
3		021006034	Sensor (horizontal) Ø12	Sensor (horizontal) Ø12	1
4		05020070097	Stange horizontal	Horizon bar	1
5		05020070096	Gewindestange	Threaded rod	1
6		021006035	Sensor (vertikal) Ø12	Sensor (vertical) Ø12	1
7		020402015	Sensorkabel 3x0.75mm²x1.5m	Sensor wire 3x0.75mm²x1.5m	1
8		030502007	Federscheibe 12	Spring washer 12	2

Computer board / CPU



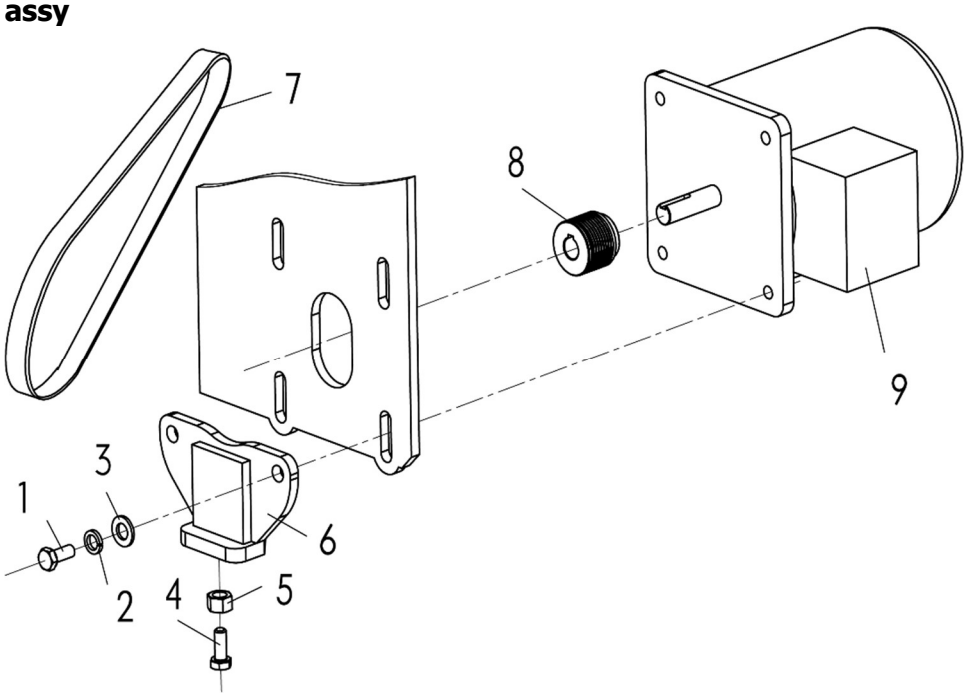
#	ATH #	Reference	Beschreibung	Description	x
1		030201614	Schraube M3x25	Screw M3x25	4
2		030502001	Federscheibe 3	Spring washer 3	8
3		030301101	Mutter M3	Nut M3	12
4		05020200005	Computer board	CPU	1

Steuerplatine / Power board



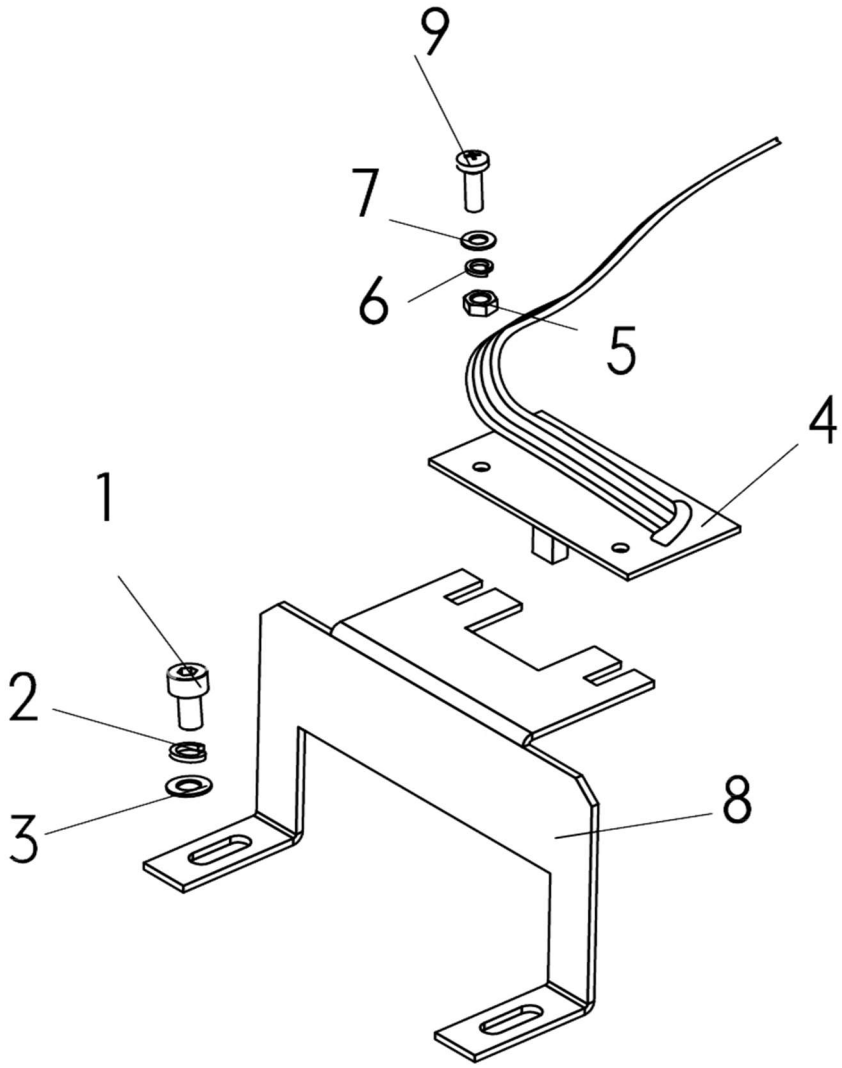
#	ATH #	Reference	Beschreibung	Description	x
1		030101303	Bolzen M5x20	Bolt M5x20	4
2		030502005	Federscheibe 5	Spring washer 5	4
3		030501004	Beilagscheibe 6	Flat washer 6	4
4		020404005	Transformator 380V/9V	Transformer 380V/9V	1
5		030101022	Bolzen M6x16	Bolt M6x16	4
6		030301106	Mutter M8	Nut M8	4
7		05020210005	Stromplatine 380V	Power board 380V	1
8		05020060030	Stromplatine Aufnahme	Power board scalboard	1
9		030201614	Schraube M3x25	Screw M3x25	5
10		05020060057	Kühlelement	Cooling fin	1
11		030301101	Mutter M3	Nut M3	15

Motor / Motor assy



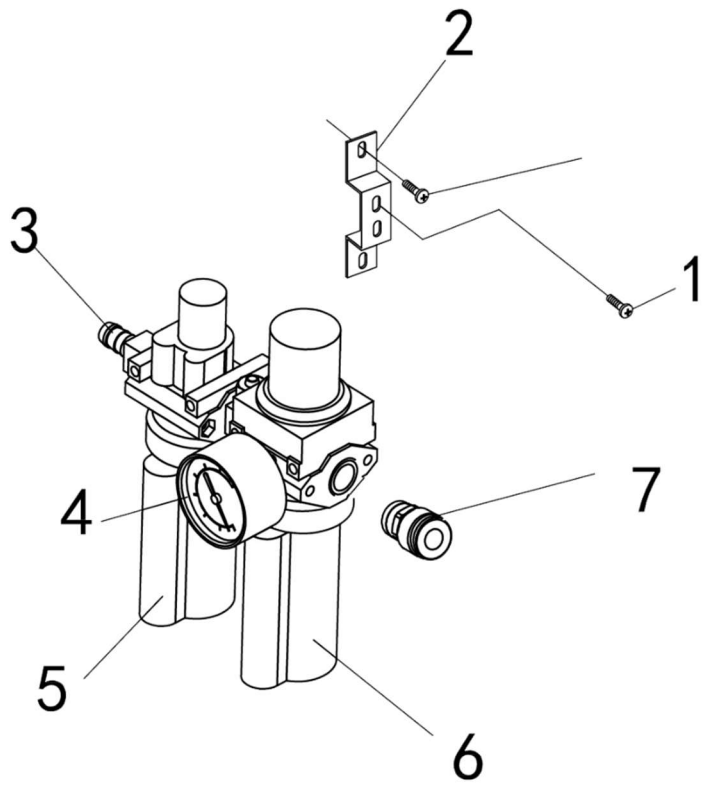
#	ATH #	Reference	Beschreibung	Description	x
1		030101553	Bolzen M10x30	Bolt M10x30	4
2		030502006	Federscheibe Ø10	Spring washer Ø10	4
3		030501006	Beilagscheibe Ø10	Flat washer Ø10	4
4		030101094	Bolzen M10x75	Bolt M10x75	1
5		030301003	Mutter M10	Nut M10	1
6		05020030829	Einstellplatte	Adjusting plate	1
7		020405010	Keilriemen 6PJ965	Poly V-belt 6PJ965	1
8		05020070306	Kleine Riemenscheibe	Small belt pulley	1
9		020401103	Motor	Motor	1

Positionssensor / Photoelectricity



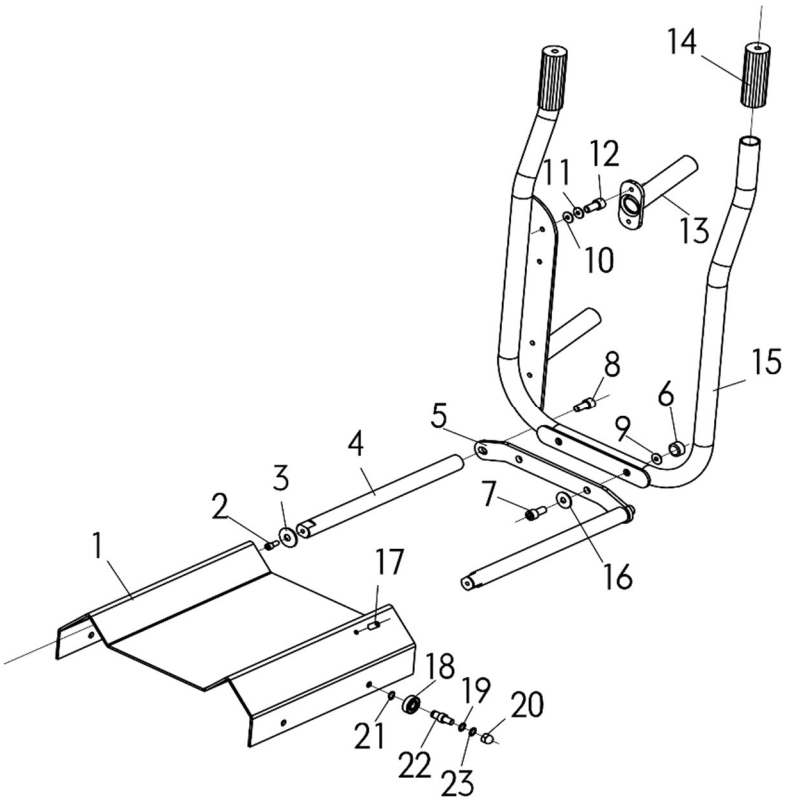
#	ATH #	Reference	Beschreibung	Description	x
1		030201002	Schraube M4x8	Screw M4x8	2
2		030502002	Federscheibe 4	Spring pad 4	2
3		030501002	Beilagscheibe 4	Flat gasket 4	2
4		021003002	Lichtschranke (32T)	Photoelectricity (32T)	1
5		030301101	Mutter M3	Nut M3	2
6		030502001	Federscheibe 3	Spring pad 3	2
7		030501001	Beilagscheibe 3	Flat gasket 3	2
8		0530207103	Halter Lichtschranke	photoelectricity holder	1
9		030201265	Schraube M3x10	Screw M3x10	2

Druckluft-Wartungseinheit / Air regulator assy



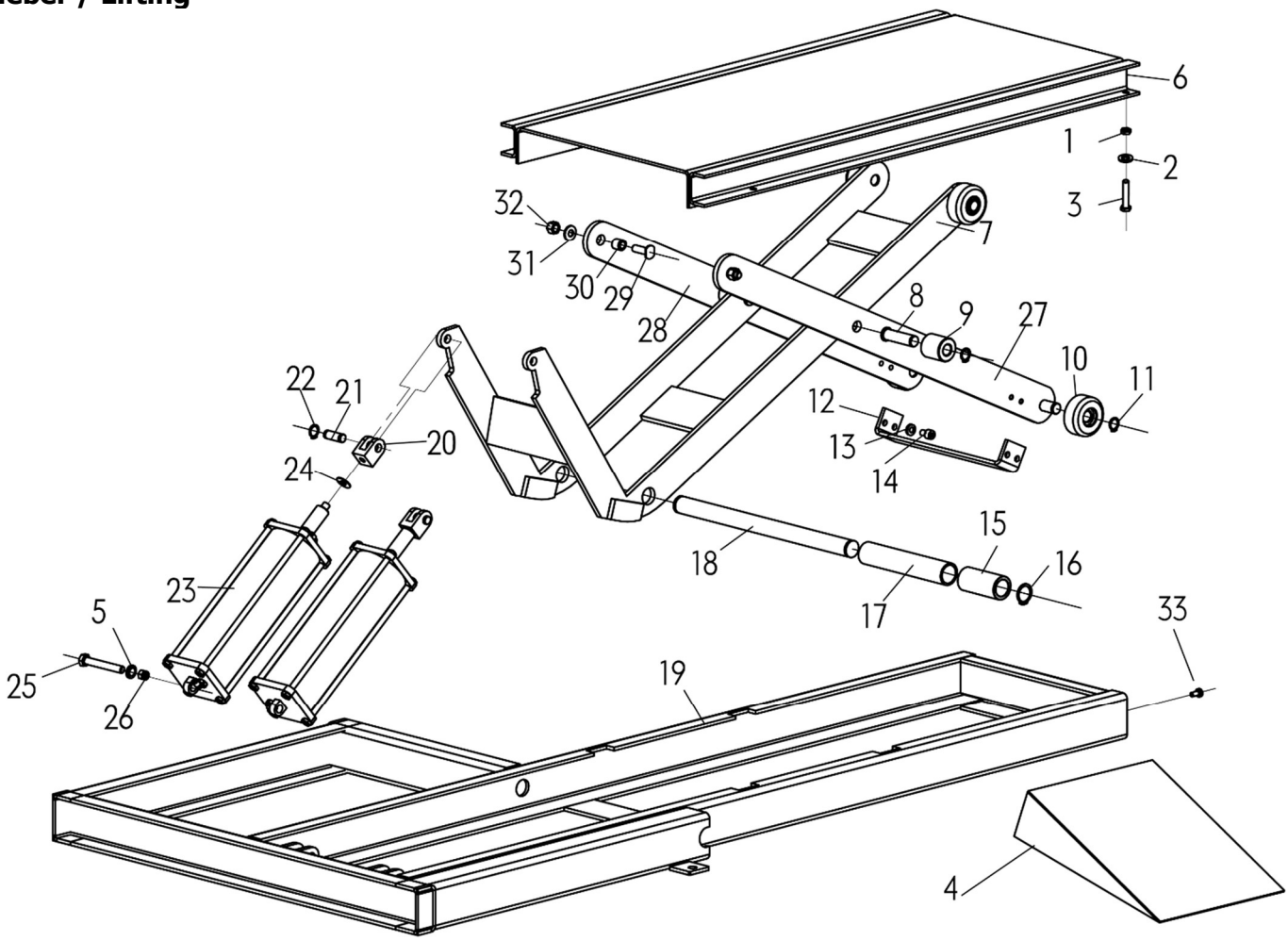
#	ATH #	Reference	Beschreibung	Description	x
1		030201002	Schraube M4x8	Screw M4x8	2
2		0530108001	Halter	Holder	2
3		020203328	Anschluss Schnellkupplung 1/4"-Ø10 EU	Quick connector 1/4"-Ø10 EU	1
4		020201012	Manometer	Barometer	1
5		020201005	Luftfilter	Air filtration	1
6		020201004	Ölbehälter	Oil cup	1
7		020203035	Gerader Anschluss Ø8-G1/4"	Lock straight fittings Ø8-G1/4"	1
8		030201002	Schraube M4x8	Screw M4x8	4

Radwagen / Dolly



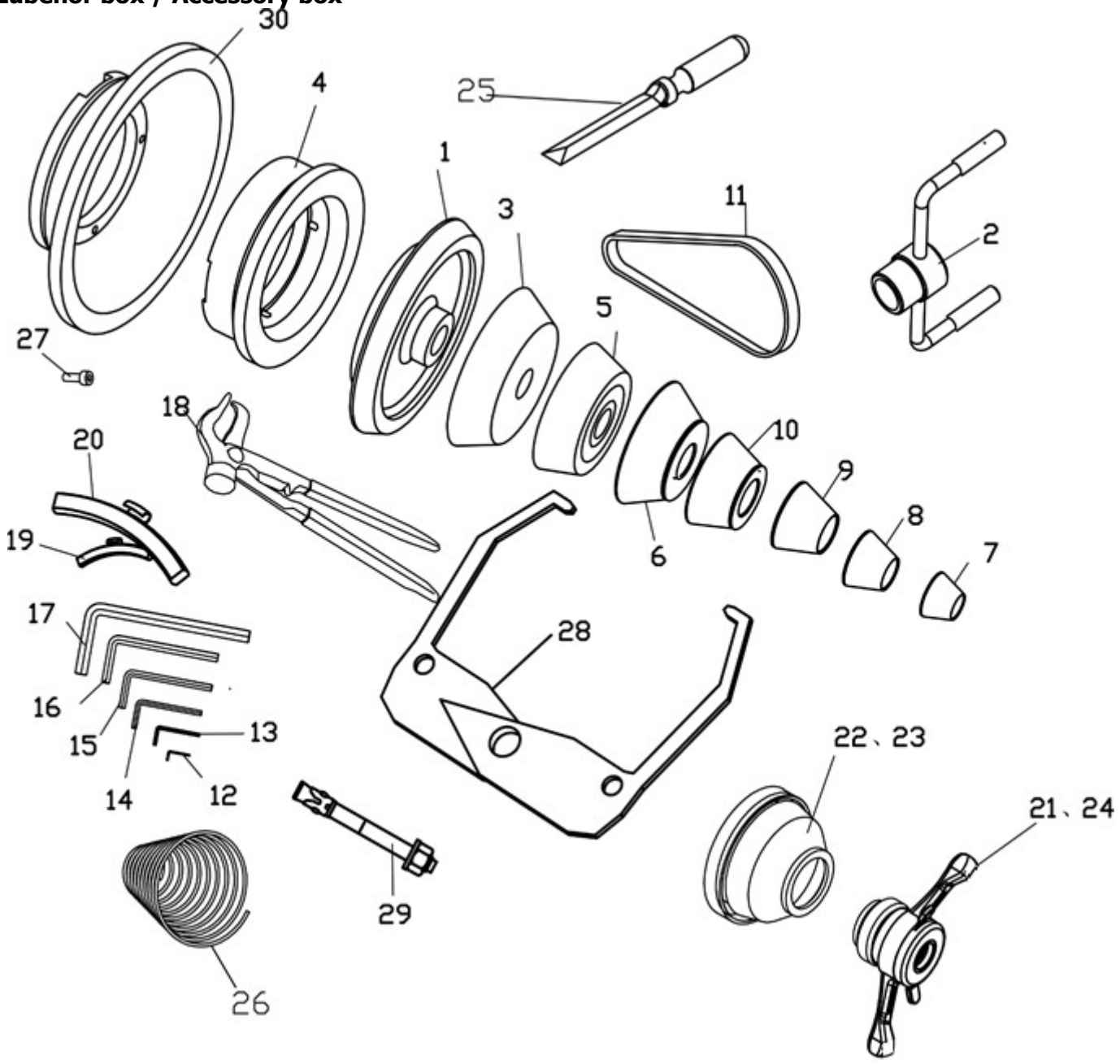
#	ATH #	Reference	Beschreibung	Description	x
1		05020130168	Radaufnahme	Dolly	1
2		030201062	Schraube M8x16	Screw M8x16	2
3		030501125	Beilagscheibe 8	Washer 8	2
4		05020130178	Achse	Axis	2
5		05020130177	Verbindungsachse	Connecting plate	1
6		020101078	Abdeckung mutter M10	Nut guard M10	2
7		030201089	Schraube M10x55	Screw M10x55	2
8		030201111	Schraube M12x25	Screw M12x25	2
9		030301108	Mutter M12	Nut M12	2
10		030301014	Mutter M6	Nut M6	2
11		030501004	Beilagscheibe Ø6	Flat wahser Ø6	2
12		030201045	Schraube M6x25	Screw M6x25	4
13		05020130173	Handgriff	Handle	2
14		020602098	Handgriff 32	Cover 32	2
15		05020130156	Handgriffe	Handle welding	1
16		030501006	Beilagscheibe Ø10	Flat wahser Ø10	2
17		030202024	Schraube M8x10	Screw M8x10	2
18		030802007	Kugellager 6301	Deep groove ball bearing 6301	4
19		030501006	Beilagscheibe 10	Flat wahser 10	4
20		030303003	Mutter M10	Nut M10	4
21		030604005	Sicherungsring Ø12	Circlip for shaft Ø12	4
22		05020130013	Achse	Axis pin	4
23		030502006	Federring Ø10	Spring wahser Ø10	4

Heber / Lifting



#	ATH #	Reference	Beschreibung	Description	x
1		030301002	Mutter M8	Nut M8	4
2		030501005	Beilagscheibe Ø8	Flat washer Ø8	4
3		030101364	Bolzen M8x25	Full thread bolt M8x25	4
4		05020130179	Auffahrrampe	Ramp bridge	1
5		030501006	Beilagscheibe Ø10	Flat washer Ø10	1
6		05020130165	Hebeplattform	Lifter top plate	1
7		05020130002	Haupt-Scherenarm	Lifting main bracket	1
8		05020130009	Achse	Mean axis	2
9		05020130008	Buchse	Bushing	2
10		05020130005	Rad	Bull wheel	4
11		030604009	Sicherungsring Ø16	Circlip for shaft Ø16	6
12		05020130017	Verbindungsplatte	Connecting plate	1
13		030502004	Federscheibe Ø6	Spring washer Ø6	4
14		030201062	Schraube M8x16	Screw M8x16	4
15		05020130004	Fixierbuchse	Fixing sleeve	2
16		030604018	Sicherungsring Ø25	Circlip for shaft Ø25	2
17		05020130005	Abstandsbuchse	Spacer bush	1
18		05020130003	Achse	Axis	1
19		05020130151	Grundrahmen	Baseplate	1
20		05020130014	Verbinder	Connector	2
21		05020130015	Achse	Axis	2
22		030604003	Sicherungsring Ø10	Circlip for shaft Ø10	2
23		060221002	Zylinder Ø75	Cylinder Ø75	2
24		05020130019	Einstellplatte 1	Adjustable pad 1	2
25		030201088	Schraube M10x50	Screw M10x50	2
26		030301003	Mutter M10	Nut M10	2
27		05020130007	Halter (links)	Holder (left)	1
28		05020130016	Halter (rechts)	Holder(right)	1
29		05020130020	Bolzen	Bolt	2
30		05020130011	Fixierbuchse	Fixing sleeve	2
31		030501006	Beilagscheibe 10	Flat washer 10	2
32		030301003	Mutter M10	Nut M10	2
33		030201043	Schraube M6x16	Screw M6x16	1

Zubehör box / Accessory box



#	ATH #	Reference	Beschreibung	Description	x
1		05020010017	Doppelkonus	Double-sided cone	1
2		05020120013	Spannmutter	Locking	2
3		05020010018	Konus 1	Cone 1	1
4		05020070018	Flansch 1	Flange 2	1
5		05020010013	LKW Konus 2	Truck Cone 2	1
6		05020010014	LKW Konus 3	Truck Cone 3	1
7		0530201016	LKW Konus 5	Truck Cone 5	1
8		0530201037	Konus 2	Cone 2	1
9		0530201038	Konus 3	Cone 3	1
10		0530201039	Konus 4	Cone 4	1
11		020403005	Keilriemen 6PJ965	Poly V-belt 6PJ965	1
12		022102004	Sechskansschlüssel 3mm	Wrench 3mm	1
13		022102009	Sechskansschlüssel 5mm	Wrench 5mm	1
14		022102002	Sechskansschlüssel 6mm	Wrench 6mm	1
15		022102028	Sechskansschlüssel 8mm	Wrench 8mm	1
16		022102022	Sechskansschlüssel 10mm	Wrench 10mm	1
17		022102023	Sechskansschlüssel 16mm	Wrench 16mm	
18		022102005	Hammer	Hammer	1
19		022102006	Gewicht 100g	Weight 100g	1
20		022102015	Gewicht 200g	Weight 200g	1
21		20601279	Schnellspannmutter 40mm	Quick nut 40mm (handball)	1
22		020101001	Gummiring für Spannhaube	Rubber gasket	1
23		20601001	Spannhaube	Bowl	1
24		020601002	Spannring für Schnellspannmutter 40mm	Small reverse bowl	1
25		020601105	Klebegewichstentferner	Shovel	1
26		020701012	Feder konisch Ø40	Tower spring Ø40	1
27		030101351	Sechskantschraube M10x20	Hex bolt M10x20	2
28		020601004	Felgenbreitenlehre	Callipers	1
29		022101002	Schlaganker M10x120	Expansion bolt M10x120	2
30		05020070010	Flansch 2	Flange plate 2	1

Notizen / Notes:

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