

snt. Autonomous mowers.

PARTS MANUAL Ersatzteilliste

ILD02 SG (№ 3804 -)

2SGS (№ 3858 -)

ILD02 EFI (№ 0001 -)

2SGS EFI (№ 0001 -)



 **AUTONOMOUS
spider**

Note:

The parts manual is made for all versions of the ILD02: the ILD02 SG № 3804 - <, the 2SGS № 3858 - <, and the EFI versions starting with serial number 00001

You will see an added row: (Note/ Hinweis), this gives extra information on which machines certain parts are used.

In the note column of the tables, you can find the following information:

ILD02 = ILD02 Specific

2SGS = 2SGS Specific

STD = Standard Carburettor version

EFI = EFI version

№ = Serial number => Used on machines with following serial number.

This information can be combined in certain cases where a part is specific for an ILD02 with EFI engine from serial number 4800 and onwards = ILD02 EFI № ≥ 4800

In some cases there can also be mention of a PPI_xxx which directs you to the accompanying PPI(parts and product information) regarding the part in question with a deeper explanation on backwards compatibility and update reason.

Hinweis:

Das Ersatzteilhandbuch gilt für alle Versionen des ILD02: ILD02 SG № 3804 - <, 2SGS № 3858 - <und EFI-Versionen ab Seriennummer 00001

Sie sehen eine zusätzliche Zeile (Note / Hinweis), die zusätzliche Informationen darüber enthält, welche Maschinen bestimmte Teile verwenden.

In der Notizspalte der Tabellen finden Sie folgende Informationen:

ILD02 = ILD02-spezifisch

2SGS = 2SGS-spezifisch

STD = Standard Vergaserversion

EFI = EFI-Version

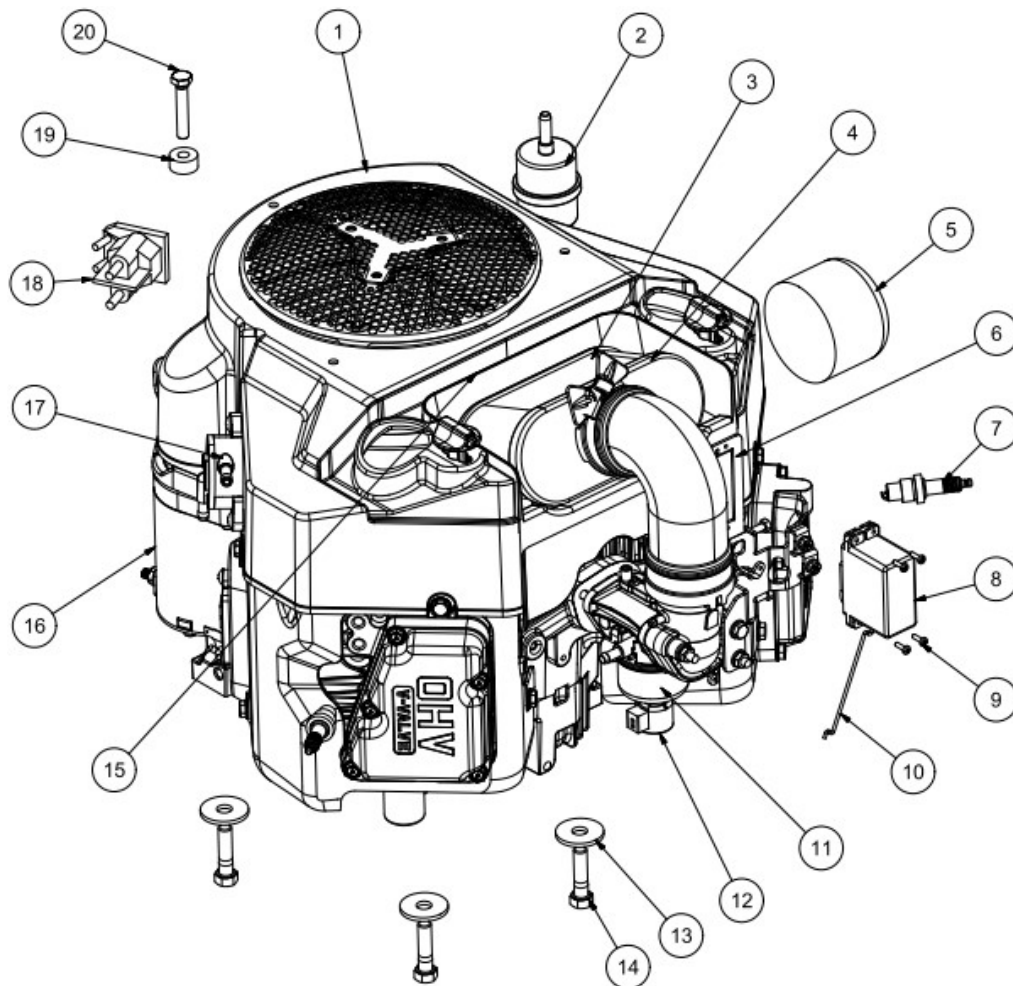
№ = Seriennummer => Wird bei Maschinen mit folgender Seriennummer verwendet.

Diese Informationen können in bestimmten Fällen kombiniert werden, in denen ein Teil für einen ILD02 mit EFI-Motor ab Seriennummer 4800 spezifisch ist = ILD02 EFI № ≥ 4800

In einigen Fällen kann auch ein PPI_xxx erwähnt werden, der Sie zu dem zugehörigen PPI (Teile- und Produktinformationen) zu dem betreffenden Teil mit einer ausführlicheren Erläuterung der Abwärtskompatibilität und des Aktualisierungsgrunds weiterleitet.

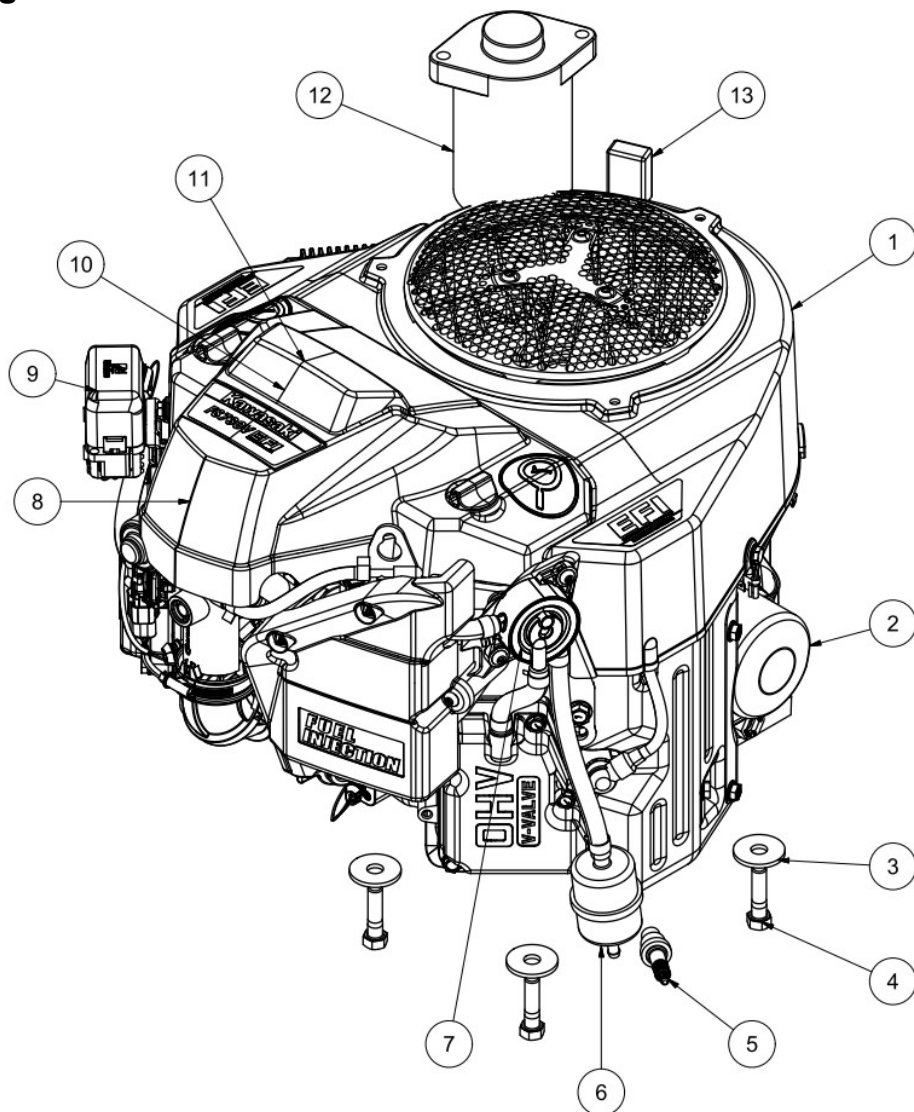
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Engine Kawasaki FS691V / Motor Kawasaki FS691V

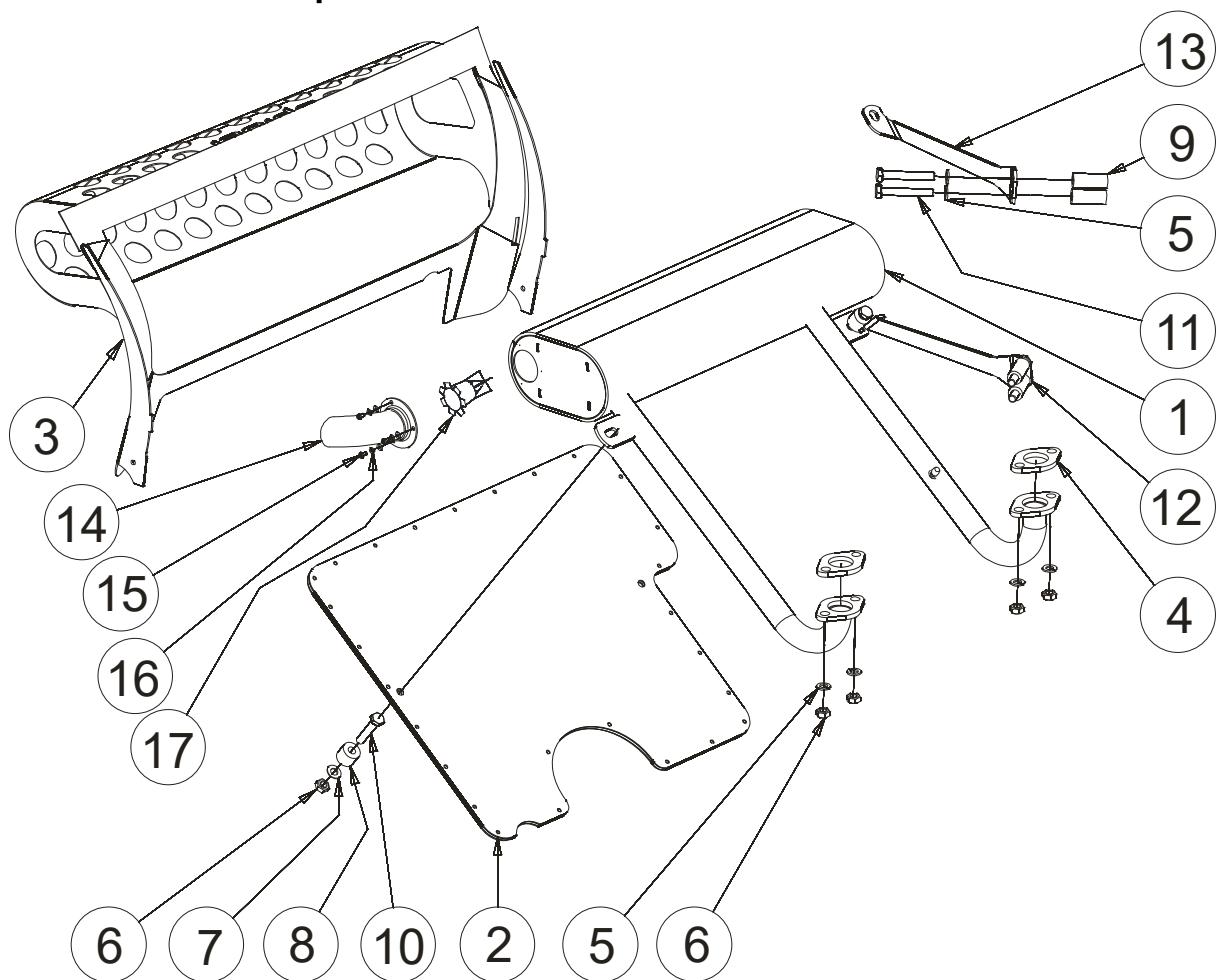


Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2M01S012	Kawasaki engine FS691V	Motor Kawasaki FS691V	1	
2	N2539	Fuel filter MANN WK32	Kraftstofffilter MANN WK32	1	
3	11013-7046	Rough air filter, FS691V	Luftfilter - grob FS691V	1	
4	11013-7049	Paper air filter FS691V	Papier-Luftfilter FS691V	1	
5	49065-7007	Oil filter Kawasaki FS691V	Ölfilter - Kawasaki FS691V	1	
6	2M01S061	Gas control bracket FS691V	Gaskontrollhalterung FS691V	1	
7	92070-7004	Spark plug NGK BPR4ES	Zündkerze NGK BPR4ES	2	
8	2M01S071	Servomotor FS691V	Servomotor FS691V	1	
9	N899	Bolt M3x10	Sechskantschraube M3x10	4	
10	2M01S041	Gas draw rod Kawasaki FS	Gaszugstange Kawasaki FS	1	
11	15004-7063	Carburettor FS691V	Vergaser FS691V	1	
12	21188-7002	Carburettor Solenoid FS691V	Vergaser Magnetventil FS691V	1	
13	N1094	Washer M10x11x34x3	Unterlegscheibe M10x11x34x3	4	
14	N2292	Bolt UNC 3/8 x 1 1/2	Sechskantschraube UNC 3/8x1 1/2	4	
15	11011-7061	Air filter case Kawa FS691V	Luftfiltergehäuse Kawa FS691V	1	
16	21163-0714	Starter	Starter	1	
17	49040-7008	Fuel pump FS691V	Benzinpumpe FS691V	1	
18	1M01S051	Starter relay FS691V	Starterrelais FS691V	1	
19	2M02S020	Spacing ring relay	Abstandsring - Relais	1	
20	N2002	Bolt M8x50	Sechskantschraube M8x50	1	

Engine Kawasaki FS730V EFI / Motor Kawasaki FS730V EFI

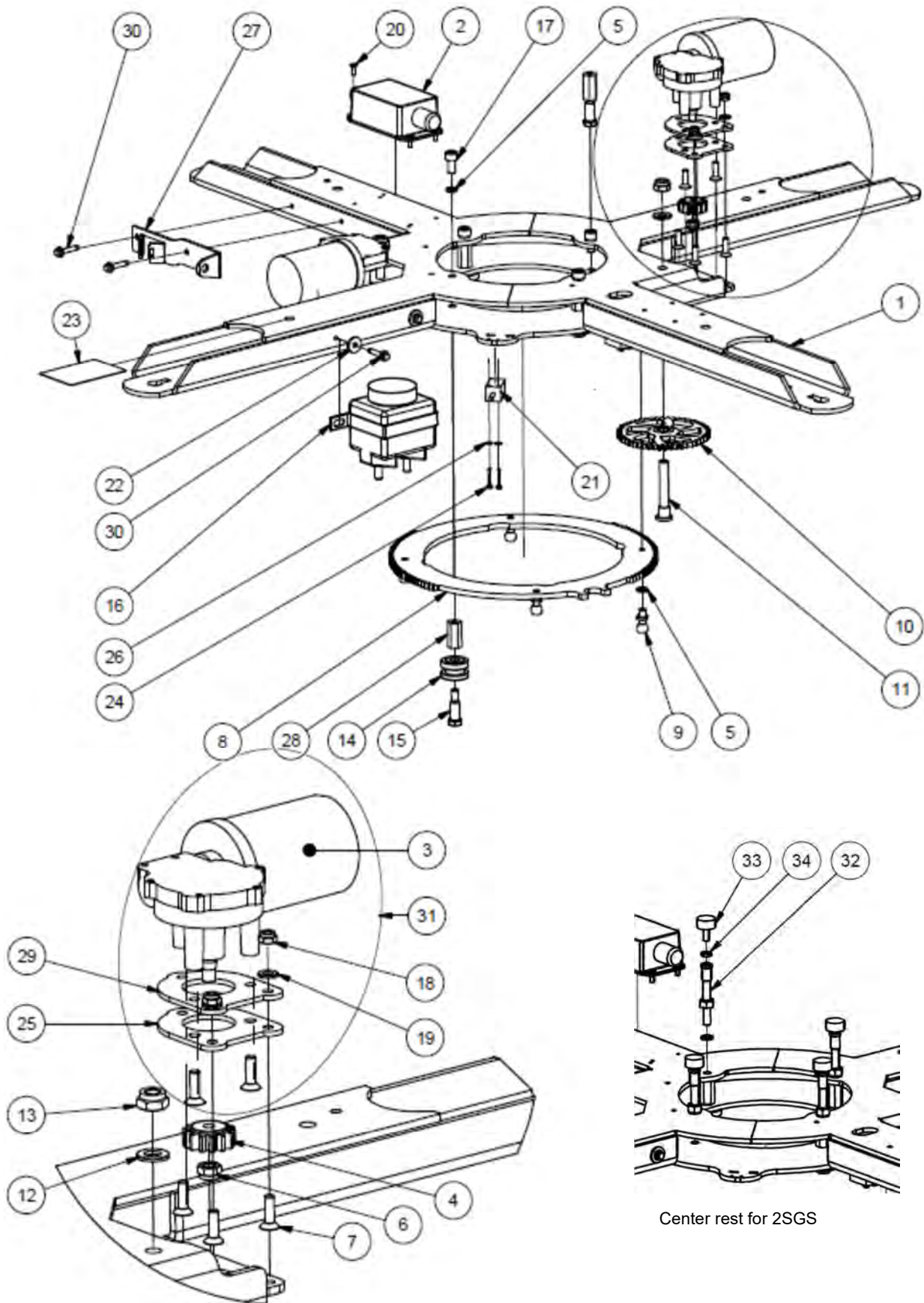


Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2M01S013	Kawasaki engine FS730V EFI	Motor Kawasaki FS730V EFI	1	
2	49065-0721	Oil filter Kawasaki FS730V EFI	Ölfilter FS730V EFI	1	
3	N1094	Washer M10x11x34x3	Scheibe M10x11x34x3	4	
4	N2292	Bolt UNC 3/8 x 1 ½	Sechskantschraube UNC 3/8 x 1 1/2	4	
5	92070-7004	Spark plug NGK BPR4ES	Zündkerze NGK BPR4ES	2	
6	N2539	Fuel filter MANN WK32	Kraftstofffilter MANN WK32	1	
7	49040-0769	Fuel pump FS730V EFI	Benzinpumpe FS730V EFI	1	
8	11011-0840	Air filter case FS730V EFI	Luftfiltergehäuse FS730V EFI	1	
	27034-0010	Relay	Relais	2	
9	26006-0045	Mini Fuse 10A	Mini-Sicherung 10A	1	
	26006-0046	Mini Fuse 2A	Mini-Sicherung 2A	1	
10	11013-7046	Rough air filter, FS730V EFI	Luftfilter – grob FS730V EFI	1	
11	11013-7049	Paper air filter FS730V EFI	Papier-Luftfilter FS730V EFI	1	
12	21163-0754	Starter	Starter	1	
13	26031-1992	Wire harness + charging fuse 40a	Kabelbaum + Ladesicherung 40a	1	

Muffler FS 02 / Auspuff FS 02

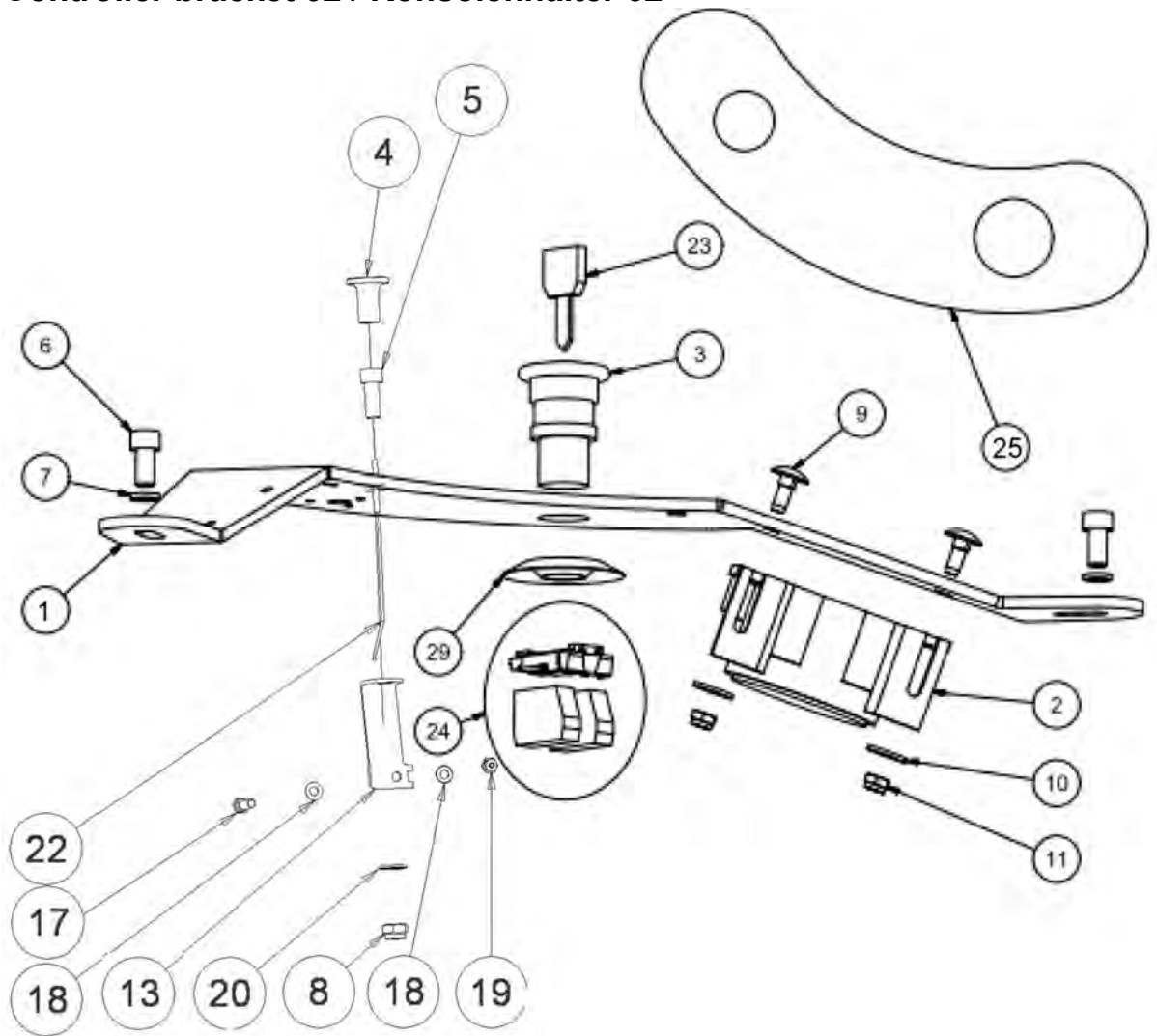
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2M03S003	Muffler FS	Auspuff FS	1	
2	2M03S130	Exhaust deflector FS	Abgasabweiser FS	1	
3	2S04K302	Lateral cover exhaust FS	seitliche Abdeckung - Auspuff FS	1	
4	2M03S090	Exhaust pipe gasket	Abgasrohr Dichtung	2	
5	N826	Spring washer 8	Federscheibe 8	8	
6	N843	Nut M8	Mutter M8	6	
7	N869	Washer flat 8	Scheibe 8	2	
8	2M03S180	Spacing ring FS – engine	Abstandsring FS - motor	4	
9	2M03S170	Spacing ring FS	Abstandsring FS	2	
10	N2102	Bolt M8x40	Sechskantschraube M8x40	2	
11	N2137	Bolt M8x55	Sechskantschraube M8x55	4	
12	2M03S160	Exhaust bracket FS – left	Auspuffhalter FS - links	1	
13	2M03S190	Exhaust bracket FS – right	Auspuffhalter FS - rechts	1	
14	2M03S140	Fishtail	Fischschwanz FS	1	
15	N2254	Socket cap screw bolt M4x6	Inbusschraube M4x6	3	
16	N2300	Serrated Lock Washer int. M4	Sicherungsscheibe 4	3	
17	2M03S150	Spark arrester – optional	Funkenfänger FS - optional	1	

Girder 02 / Träger 02

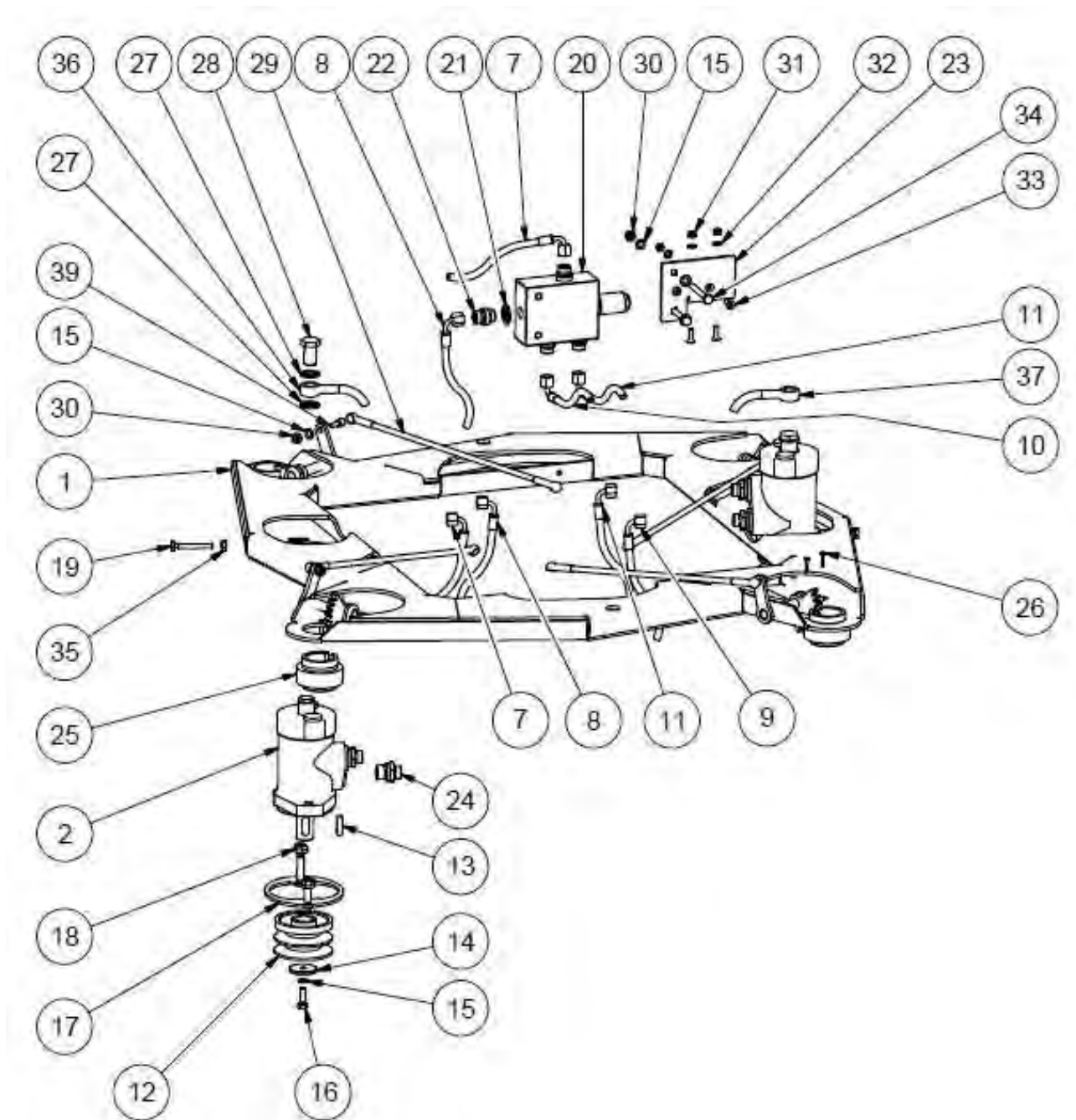


Center rest for 2SGS

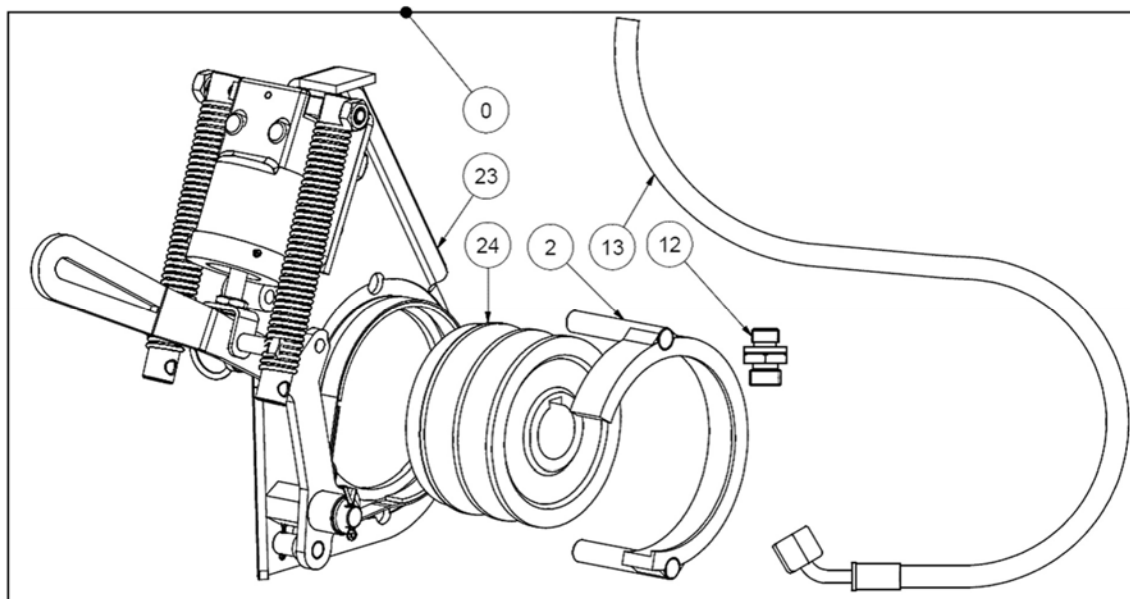
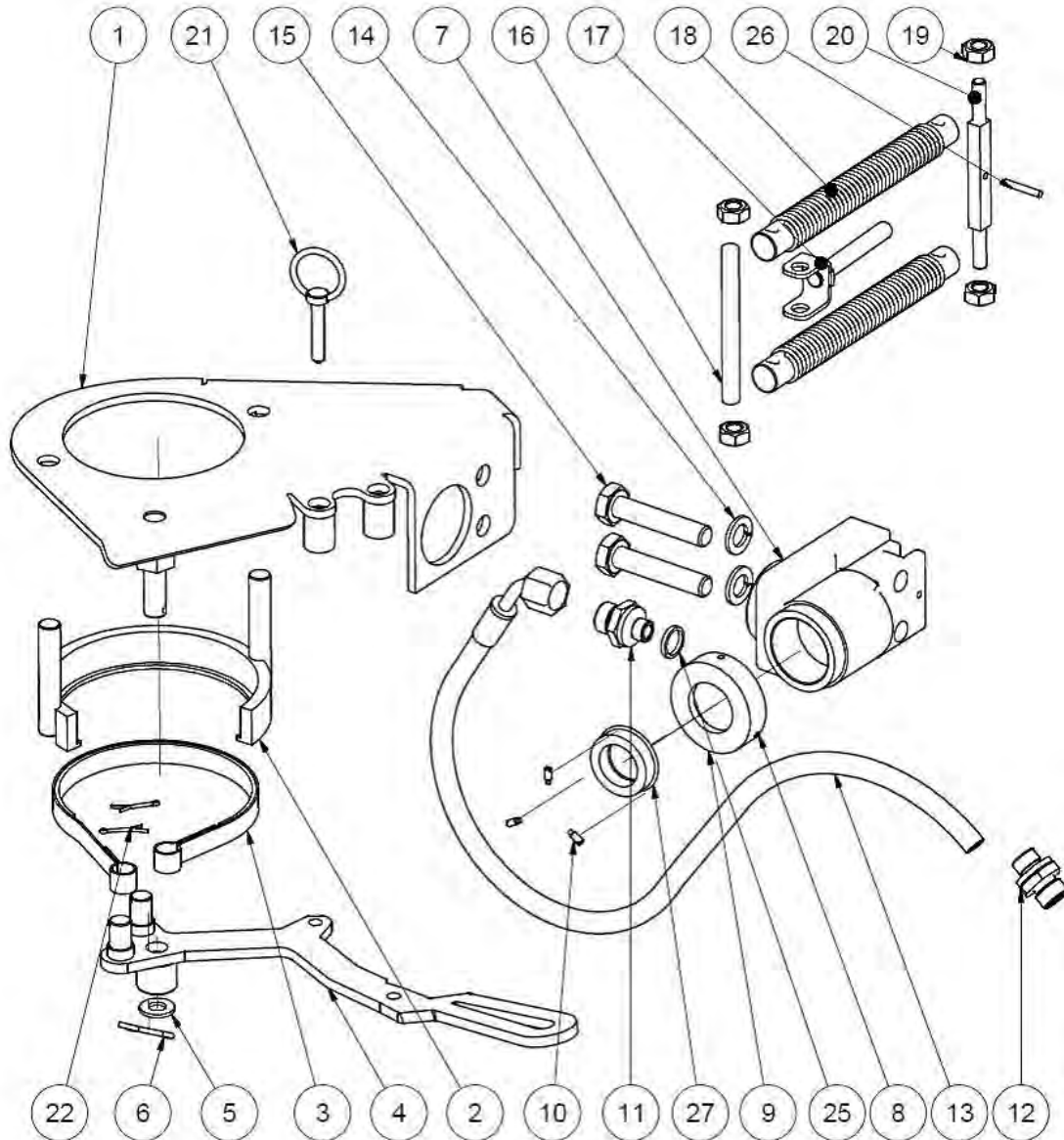
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2N01S000	Girder 02	Träger 02	1	
2	2N01S102	Elevation module	Höhenmodul	1	
3	2N01S133	Elevation motor 02 APS	Höhen verstell Motor 02 APS	2	
4	2N01S091	Pinion 14M	Rizel 14M	2	
5	N826	Spring washer 8	Sprengring 8	10	
6	N914	Self locking nut M8	selbstsicherende Mutter M8	2	
7	N807A	Countersunk torx bolt M6	Senkkopfschraube M6x20	6	
8	2N01S041	Gearing ring 148	Zahnradhöhenverstellung	1	
9	N935	Ball joint M8 CS13R	Winkelgelenk M8 CS 13R	4	
10	2N01K050	Gearing	Zahnrad	2	
11	2N01S070	Gearing pivot	Zahnradachse	2	
12	N838	Washer 10	Scheibe 10	2	
13	N915	Self locking nut M10	selbstsicherende Mutter M10	2	
14	2N01S080	Wheel pulley 02	Rolle Höhenverstellung	4	
15	2N01S110	Ring pivot 02	Halteschraube f. Führungsroll	4	
16	1K01S242	Overflow tank FS	Überlaufbehälter FS	1	
17	N927	Socket cap screw M8x16	Inbusschraube M8x16	1	ILD02
18	N913	Selflocking nut M6	selbstsicherende Mutter M6	4	
19	N820	Washer M6	Scheibe 6	4	
20	N2056	Countersunk torx screw M4	Senkkopfschraube M4	4	
21	2N01S155	Elevation sensor 2019	Höhensensor 2019	2	
22	N2561	Washer M5	Scheibe M5	2	
23	2P331	Label Technical spec. ILD02	Specs ILD02 Kennzeichen für technische Daten ILD02	1	
24	N2547	Capscrew M3x20	Inbusschraube M3x20	4	
25	2N01S210	Bushing PAL 334	Buchse PAL 334	2	
26	N2052	Washer M3	Scheibe M3	4	
27	1N01S230	Filter bracket	Filterhalterung	1	
28	2N01S220	Lifting nut	Hubmutter	4	
29	2N01S210.01	Bushing PAL 334 (without recess)	Buchse PAL334(ohne Aussparung)	2	
30	N2532	Self drill hex bolt TEX	selbstbohrende Schraube TEX	4	
31	2N01K132	Elevation motor 02 – set	Höhen verstell Motor 02 - komplett	2	
32	2N01S080.SOL	Hood support bolt	Haubenstützschraube	4	2SGS
33	N2531	Silentblock 20x10	Silentblock 20x10	4	2SGS
34	N833	Nut M6	Mutter M6	4	2SGS

Controller bracket 02 / Konsolenhalter 02

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2N02S010	Controller bracket ILD02 SG	Konsolenhalte ILD02 STD	1	ILD02 STD
	2N02S010.SOL	Controller bracket 2SGS	Konsolenhalte 2SGS STD	1	2SGS STD
	2N02S030	Controller bracket ILD02 SG	Konsolenhalte ILD02 EFI	1	ILD02 EFI
	2N02S030.SOL	Controller bracket 2SGS	Konsolenhalte 2SGS EFI	1	2SGS EFI
2	1N02S071	Horn	Hupe	1	
3	1N02S020	Stop button	Stopp Schalter	1	
4	1N02S030	Choke button	Chokeknopf	1	STD
5	1N02S060	Choke guide bolt	Choke Führungsbolzen	1	STD
6	N927	Bolt M8x16	Inbusschraube M8x16	2	
7	N826	Spring washer 8	Federscheibe 8	2	
8	N914	Self locking nut M8	selbstsichernde Mutter M8	1	STD
9	N2032	Carriage bolt M6x16	Schlittenschraube M6x16	2	
10	N1089	Washer 6	Scheibe M6/6,4	2	
11	N913	self locking nut M6	selbstsichernde Mutter M6	2	
13	1N02S150	Choke holder	Chokehalter	1	ILD02 STD
	1N02S150.SOL	Choke holder	Chokehalter	1	2SGS STD
17	N2164	Bolt M5x16	Schraube M5x16	1	STD
18	N821	Washer 5	Unterlegscheibe 5	2	STD
19	N822	Self locking nut M5	Selbstsichernde Mutter M5	1	STD
20	N869	Washer 8	Unterlegscheibe 8	1	STD
22	2M01K081	Choke cable complete	Chokekabel komplett	1	STD
23	1N02S100	Stop button key	Stopppknopf Schlüssel	1	
24	1N02K150	Switch packet	Schalter	1	
25	2P339	Label control panel 02	Aufkleber - Schalttafel	1	STD
	2P339_EFI	Label control panel EFI	Aufkleber - Schalttafel	1	EFI
29	1S07S057.2	Bellows shim	Scheibenbalg	1	

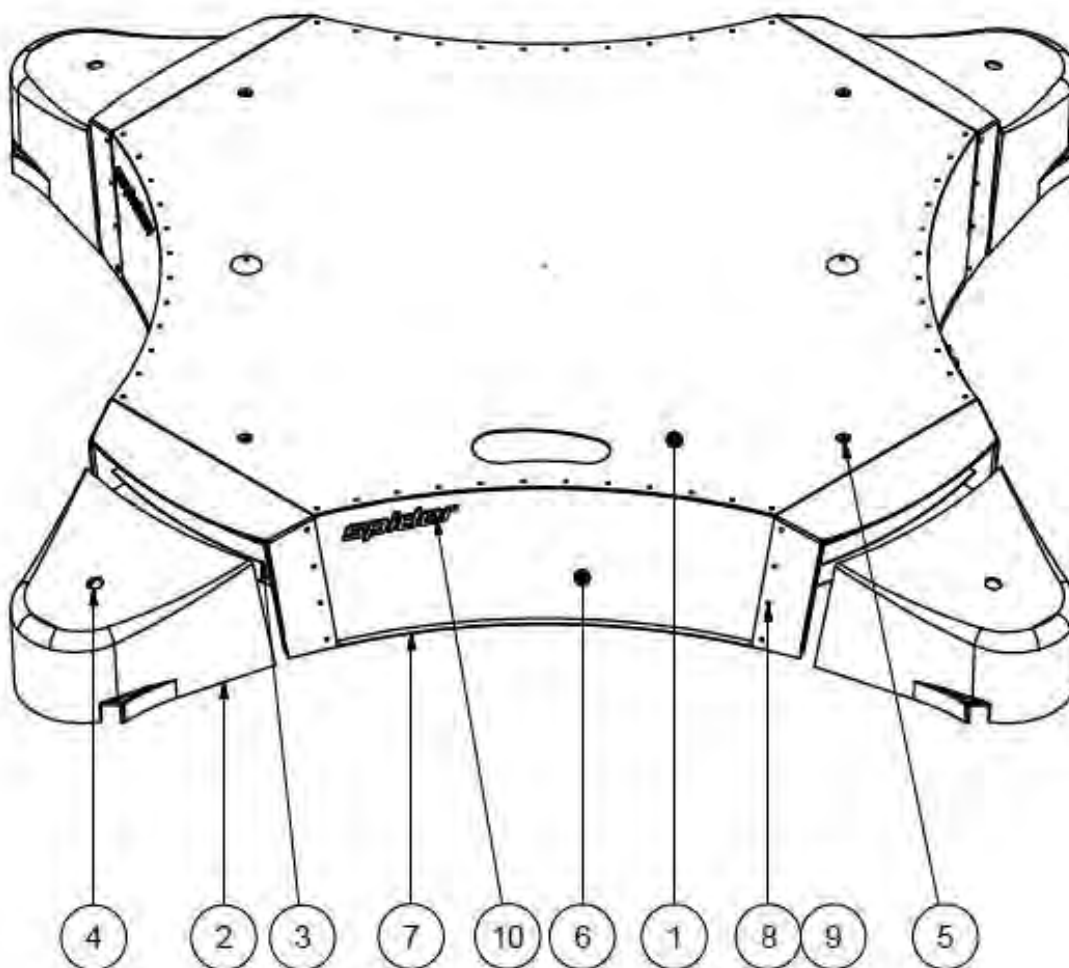
Cross 02 / Kranz 02

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2K01S000	Cross 02 – welding	Kreuz 02	1	STD
	2K01S005	Cross 02 – welding EFI	Kreuz 02 EFI	1	EFI
2	3K04S310	Hydraulic motor OMP40	Hydraulikmotor OMP40	2	
7	N2125	Hose 1SC10x0,76	Schlauch 1SC10x0,76	1	ILD02
	N2158	Hose 1SC10x0,54	Schlauch 1SC10x0,54	1	2SGS
8	N2129	Hose 1SC10x0,56	Schlauch 1SC10x0,56	1	
9	N2126	Hose 1SC10x0,73	Schlauch 1SC10x0,73	1	
10	N2127	Hose 1SC10x0,42	Schlauch 1SC10x0,42	1	
11	N2128	Hose 1SC10x0,48	Schlauch 1SC10x0,48	1	
12	2K02S010	Belt pulley SPB 80 PT2	Riemenscheibe SPB 80 PT2	1	
12	2K02S011	Belt pulley brake SPB 80 PT2	Riemenscheibe Bremse SPB 80	1	
13	N854	Parallel key 8x7x30	Paßfeder 8x7x30	2	
14	2K02S060	Hydromotor washer	Hydromotor Scheibe	2	
15	N869	Washer 8	Scheibe 8	4	
16	N832	Bolt M8x25	Sechskantschraube M8x25	1	
17	2K02S070	Stiffener cross 02 weldment	Versteifungskreuz 02 - Schweißung	4	
18	N855	Flange nut M10	Flanschnutter M10	4	
19	N2002	Bolt M8x50	Sechskantschraube M8x55	2	
20	2K02S040	Valve EDH 12/42 05-12C-A-L3/4	Magnetventil EDH	1	
21	N2138	Seal CU 27x32x1,5	Dichtung 27x32x1,5	4	
22	N2139	Adapter 12 R 3/4"	Adapter 12 R 3/4"	4	
23	2K02S050	Switchboard plate	Schalterhalteplatte	1	
24	N2140	XAL 12R1/2"WD	XAL 12R1/2"WD	4	
25	2K01S040	Sliding bushing	Gleitbuchse 02	4	
26	N890	Screw 3,5x19	Schraube 3,5x19	8	
27	N1058	Seal GEM 1/4	Dichtung GEM 1/4	4	
28	N853	Throughflow bolt 1/4	Durchlaufschraube 1/4	2	
29	2K01K050	Draw rod 02 complete	Zugstange 02 - komplet	4	
30	N914	Self lock nut M8	selbstsichernde Mutter M8	2	
31	N913	Self lock nut M6	selbstsichernde Mutter M6	2	
32	N820	Washer 6	Scheibe 6	2	
33	N807A	Bolt M6x20	Senkkopfschraube M6x20	2	
34	N2141	Bolt M8x65	Sechskantschraube M8x65	2	
35	N843	Nut M8	Mutter M8	2	
36	N2210	Hose 1SC06 102cm/1/4"	Schlauch 1SC06 102cm/1/4"	1	
37	N2211	Hose 1SC06 85,5cm/1/4"	Schlauch 1SC06 85,5cm/1/4"	1	
39	N935	Ball joint	Winkelgelenk	4	

Auxiliary drive brake / Hilfsbremse

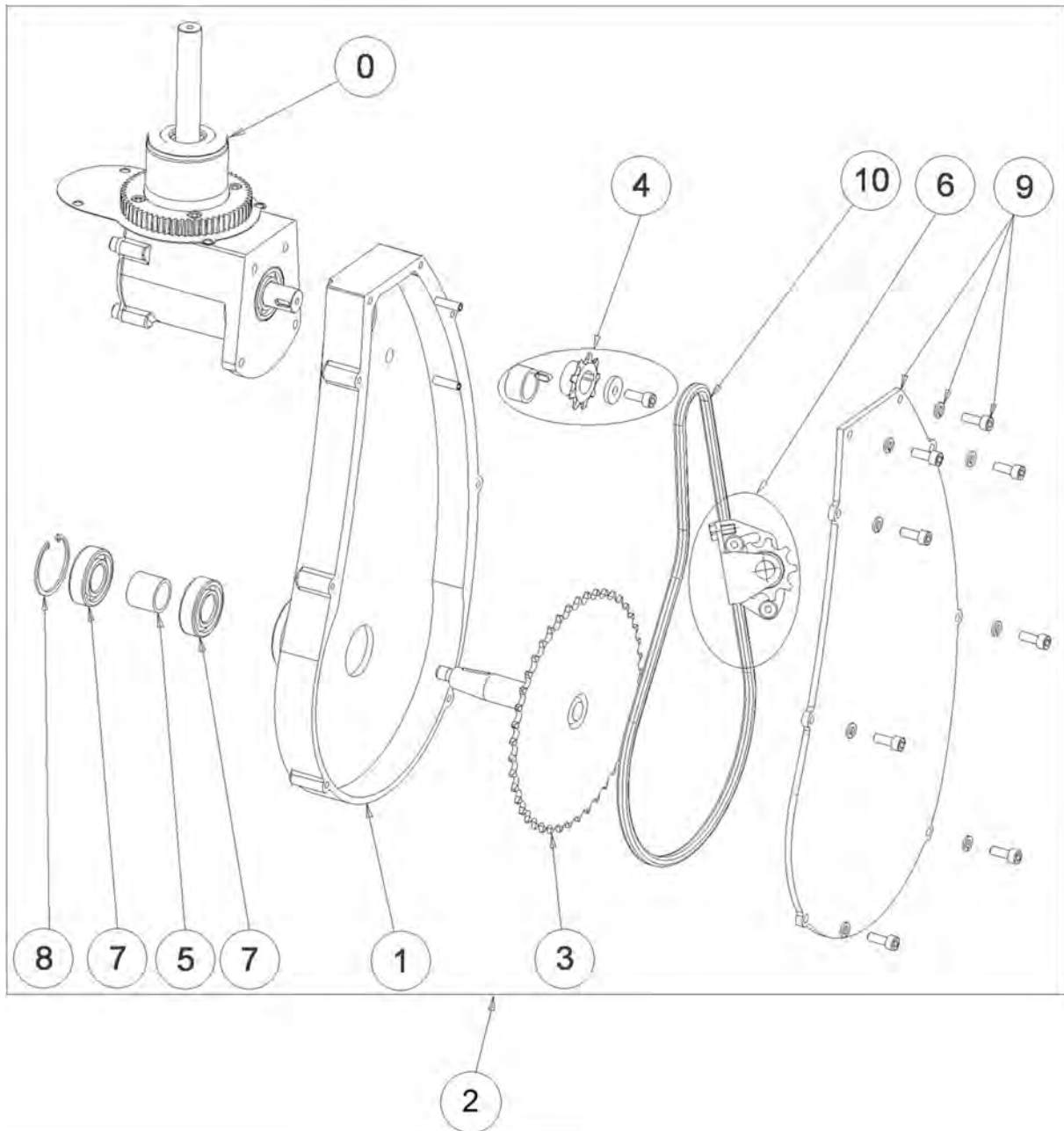
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	2K03K000	Brake set	Bremse - Satz	1	
1	2K03S010	Brake bracket	Bremshalterung	1	
2	2K03S020	Brake strap	Bremsenring	1	
3	2K03S030	Brake lining	Bremsband	1	
4	2K03S040	Brake lever	Bremshebel	1	
5	N838	Washer flat 10	Scheibe 10	1	
6	N2233	Split pin 2,5x18	Splint 2,5x18	1	
7	2K03S050	Brake cylinder	Bremszylinder	1	
8	2K03S060	Brake cup	Bremsabdeckung	1	
9	2K03S071	Flange M4	Flansch M4	1	
10	N2254	Bolt M4x6	Inbusschraube M4x6	3	
11	N2236	Adapter XAL 12 1 / 14 1,5	Adapter XAL 12-1 / 14-1,5	1	
12	N2248	Adapter XAL 08 9/16 20 / 14 1,5	Adapter XAL 08 9/16-20 / 14-1,5	1	
13	N2237	Hose 1SC06x0,7	Schlauch 1SC06x0,7	1	
14	N845	Spring washer 10	Federscheibe 10	2	
15	N2241	Bolt hex. M10x45	Sechskantschraube M10x45	2	
16	2K03S080	Fork pivot	Stift	1	
17	2K03S090	Fork	Gabelstift	1	
18	2K03S130	Brake spring	Bremsfeder	2	
19	N913	Selflocking nut M6	selbstsichernde Mutter M6	4	
20	2K03S101	Spring bracket	Federhalter	1	
21	2K03S110	Securing pin	Sicherheits-Klappsplint	1	
22	N2239	Split pin 1,6x16	Splint 1,6x16	2	
23	2K03K100	Brake bracket complete	Bremsenhalter komplett	1	
24	2K02S011	Belt pulley brake SPB 80	Riemenscheibe Bremse SPB 80	1	
25	N2240	Sealing GEM 12	Dichtung GEM 12	1	
26	N886	Spring pin 2,5x20	Federstift 2,5x20	1	
27	2K03S140	Brake Cilinder dust seal	Dichtungsring	1	

Hood 2SGS / Motorhaube 2SGS



Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2N04S150	Hood 2SGS	Motorhaube2SGS	1	STD
	2N04S155	Hood 2SGS EFI	Motorhaube2SGS EFI	1	EFI
2	2N04K100	Bonnet arm	Arm Haube	4	
3	2N04K011	Hood Vent Grille FE	Lufteinlassgrill	4	
4	N2096	Snap lock	Bajonettverschluss	4	
5	N887	Countersunk bolt M8x20	Senkschraube M8x20	4	
6	2N04S150.2	Hood mesh	Haubengitter	4	
7	N2509	Pirela 9x6	Dichtungsstreifen 9x6	4	
8	N2593	Rivet AL yellow	Niet AL gelb	80	
9	N2055	Washer M4x4,3x9x0,8	Unterlegscheibe M4x4,3x9x0,8	80	
10	2N04S150.4	Logo Spider 3D	Logo Spider 3D	4	

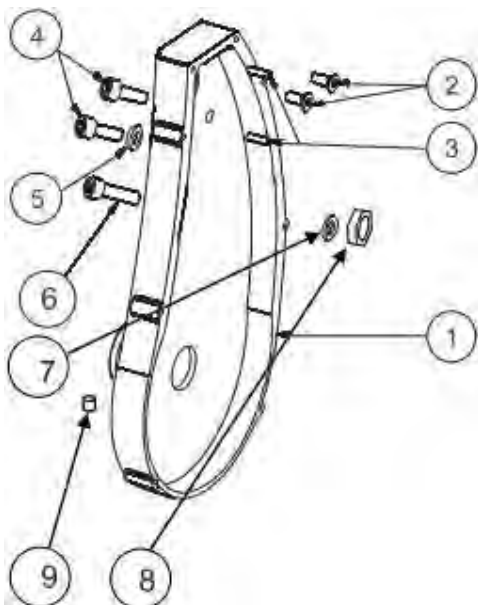
Wheel suspension / Radaufhängung



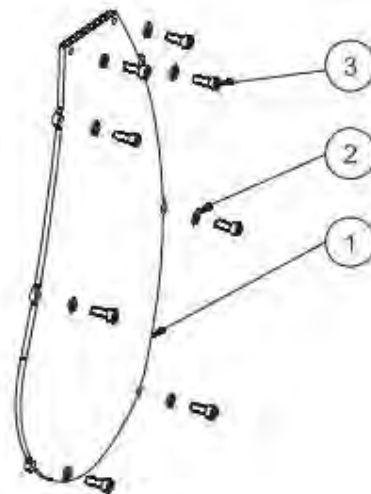
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	1P01K023	Gear box M8 complete	Winkelgetriebe - komplett	4	
1	1P01K011	Housing complete	Gehäuse - komplett	1	
2	1P01K003	Wheel suspension M8 UNI set	Getriebe mit Antrieb - komplett	4	
3	1P01S063	Wheel shaft with sprocket	Zahnrad	1	
4	1P01K111	Sprocket Z10 complete	Kettenrad - komplett	1	
5	1P01S180	Spacing ring	Distanzring	1	
6	1P01K241	Chain tensioner II complete	Kettenspanner	1	
7	N501	Bearing 6004 2RS	Kugellager 6004 2RS	2	
8	N802	Circlip internal 42	Sicherungsring 42	1	
9	1P02K030	Cover plate complete	Abdeckplatte - komplett	1	
10	1P02S091	Roller chain TEFLON	Kette MOFA 1/2 x 3/16 TEFLON	1	

Wheel suspension / Radaufhängung

P01K011 (No. 1) Leg complete / Arm komplett



1P02K030 (No. 9) Cover lid complete / Abdeckung - komplett



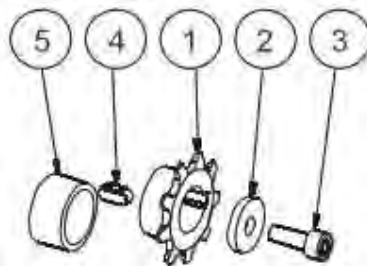
P01K011 (No. 1) Leg complete / Arm komplett

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1P01S011	Leg	Gehäuse	1	
2	N801B	Screw M8x25	Senkkopfschraube M8x25	2	
3	N809	Spring pin 6x20	Federstift 6x20	2	
4	N839	Bolt M8x25	Inbusschraube M8x25	2	
5	N826	Spring washer 8	Federring 8	2	
6	N2456	Screw M8x40	Inbusschraube M8x40	1	
7	N869	Washer 8	Scheibe 8	2	
8	N914	Nut M8	Mutter M8	1	
9	N823	Straight grease fitting M6	Schmiernippel M6	1	

1P02K030 (No. 9) Cover lid complete / Abdeckung - komplett

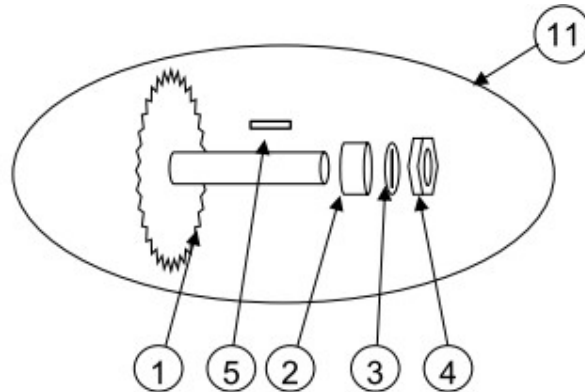
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1P02S030	Cover	Abdeckung	1	
2	N805	Spring washer 6	Federring 6	8	
3	N807	Cap screw M6x20	Inbusschraube M6x20	8	

1P01K111 (No. 4) Sprocket z10 complete / Zahnrad Z10 komplett



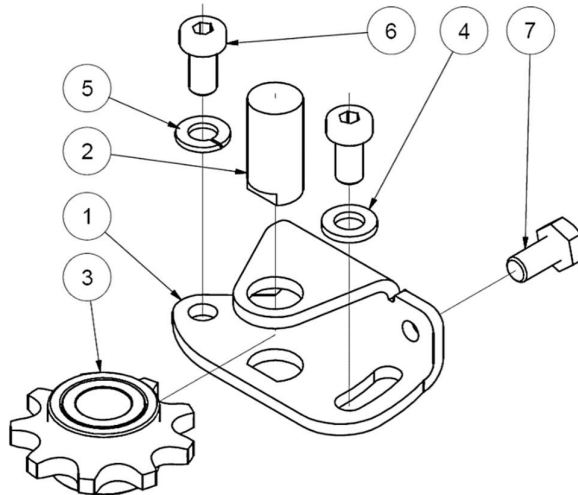
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1P01S110	Sprocket Z10	Zahnkranz Z10	1	
2	N922	Washer 20 8 4	Scheibe 20-8-4	1	
3	N885	Cap screw M8x20	Inbusschraube M8x20	1	
4	N814	Parallel key 5x5x12	Paßfeder 5x5x12	1	
5	1P01S160	Spacing ring 17/22/v9	Abstandsring 17/22/v9	1	

1P01K063 (No. 11) Wheel shaft with sprocket II set / Zahnrad komplet II - set (1P01K063) (Nr. 11)



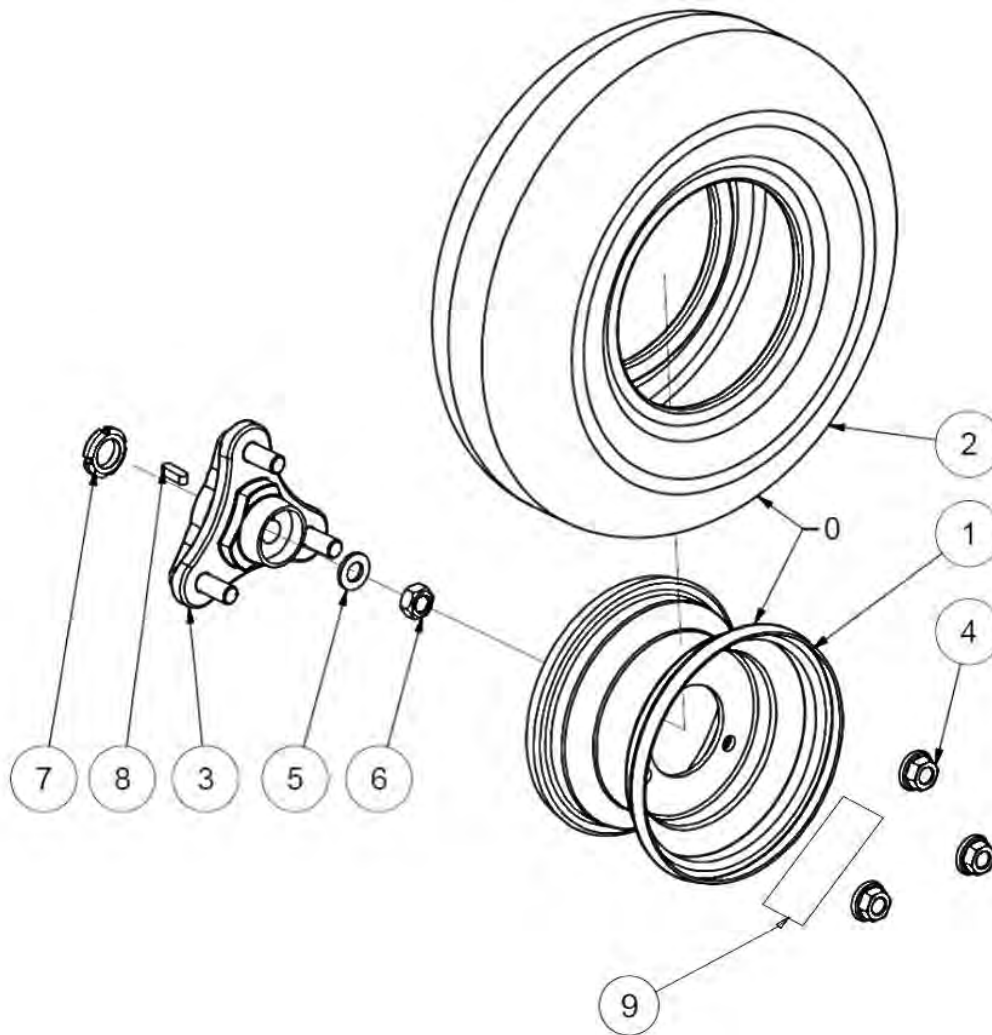
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1P01S063	Wheel shaft with sprocket	Zahnrad mit Welle	1	
2	1P01S201	Spacing ring 25/20/v9,5	Distanzscheibe 25/20/v9,5	1	
3	1P03S080	Washer wheel hub	Scheibe 12	1	
4	N2054	Nut M12x1,5	Mutter M12x1,5	1	
5	N1023A	Tight key 5x5x22	Paßfeder 5x5x22	1	
11	1P01K063	Wheel shaft with sprocket II set	Zahnrad komplett	1	

1P01K241 (No. 6) Tensioner II complete / Kettenspanner komplett II

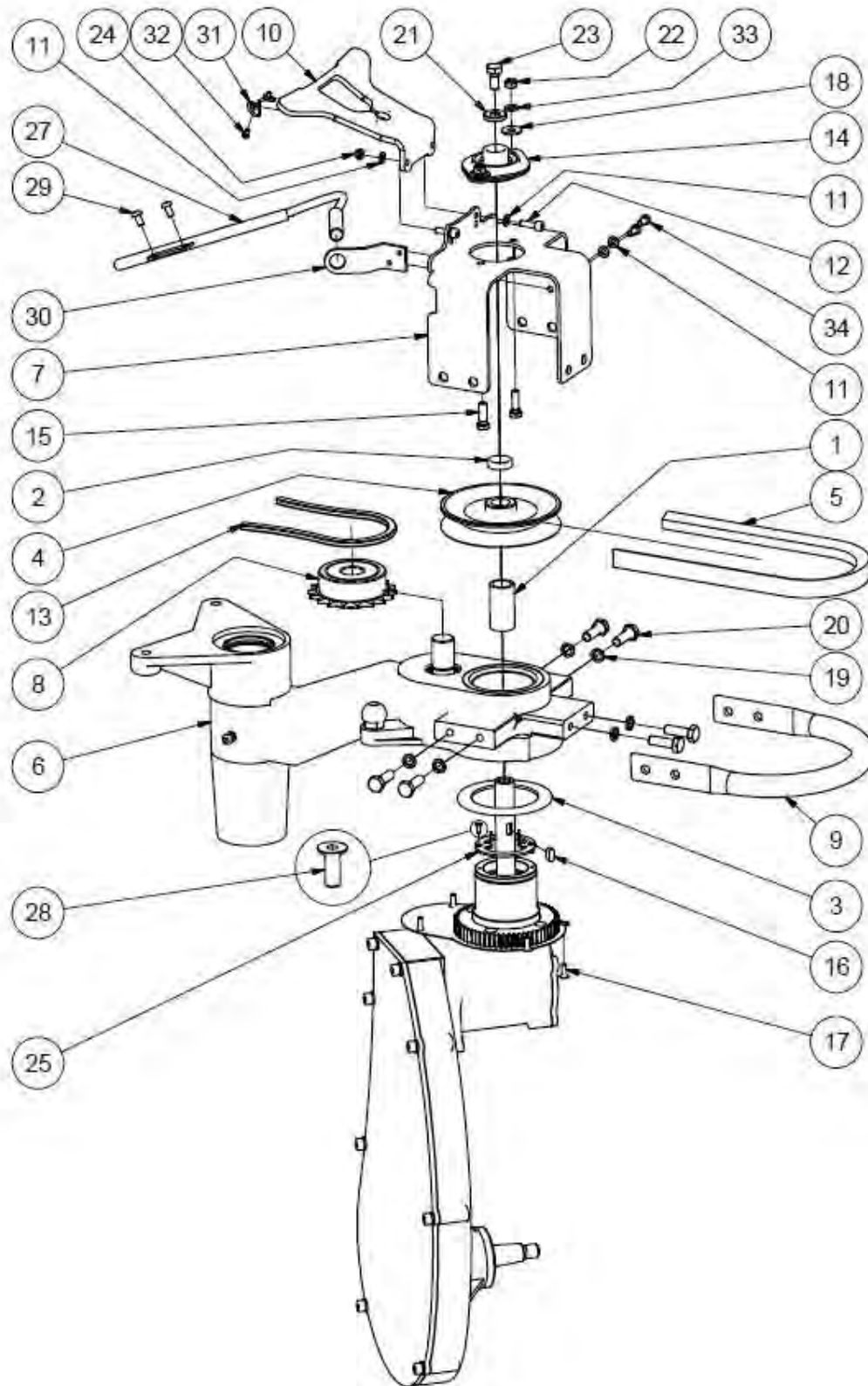


Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	x	Tensioner lever	Spannhebel	1	
2	x	Pivot 12x25	Achse 12x25	1	
3	x	Pinion 9z	Ritzel 9z	1	
4	N820	Washer flat 6	Scheibe 6	1	
5	N805	Washer spring 6	Federscheibe 6	1	
6	N2286	Capscrew M6x12	Inbusschraube M6x12	2	
7	N2190	Screw M6x12	Sechskantschraube M6x12	1	

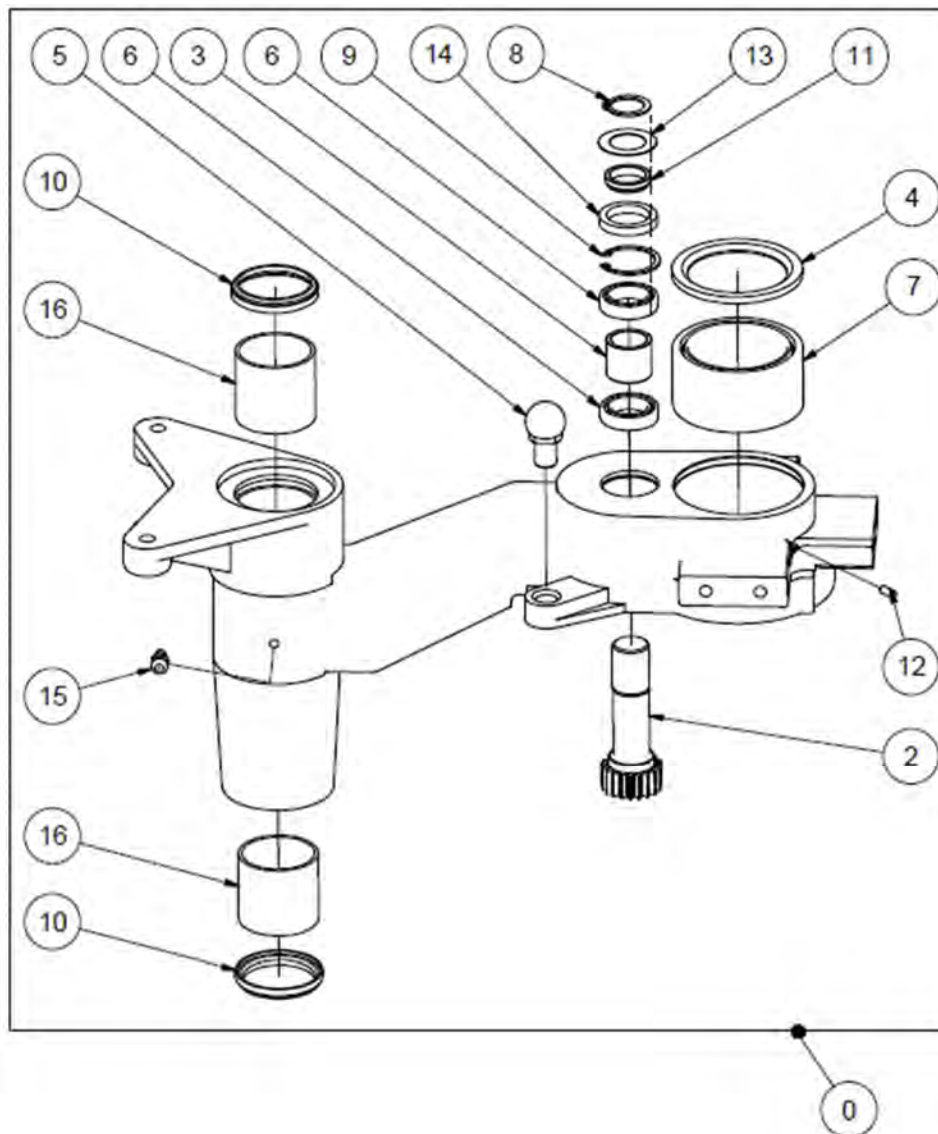
Wheel / Rad



Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	1P03K006	Wheel 16x6.50 8 TL	Rad komplett 16x6,5-8	1	
1	1P03S012	Rim Tubeless	Felge - Schlauchlos	1	
2	1P03S053	Tyre 16x6,5 8	Reifen 16x6,5-8	1	
3	1P03S023	Wheel hub Tubeless	Nabe	1	
4	N910	Wheel nut	Felgenmutter	3	
5	1P03S080	Wheel Hub Washer	Radnabe - Scheibe	1	
6	N2054	Nut M12x1,5	Mutter M12x1,5	1	
7	1P01S201	Spacing ring 25/20/v9,5	Distanzring 25/20/v9,5	1	
8	N1023A	Parallel key 5x5x22	Paßfeder 5x5x22	1	
9	3P209	Label tyre pressure	Aufkleber-Reifendruck	1	

Wheel drive / Radantrieb

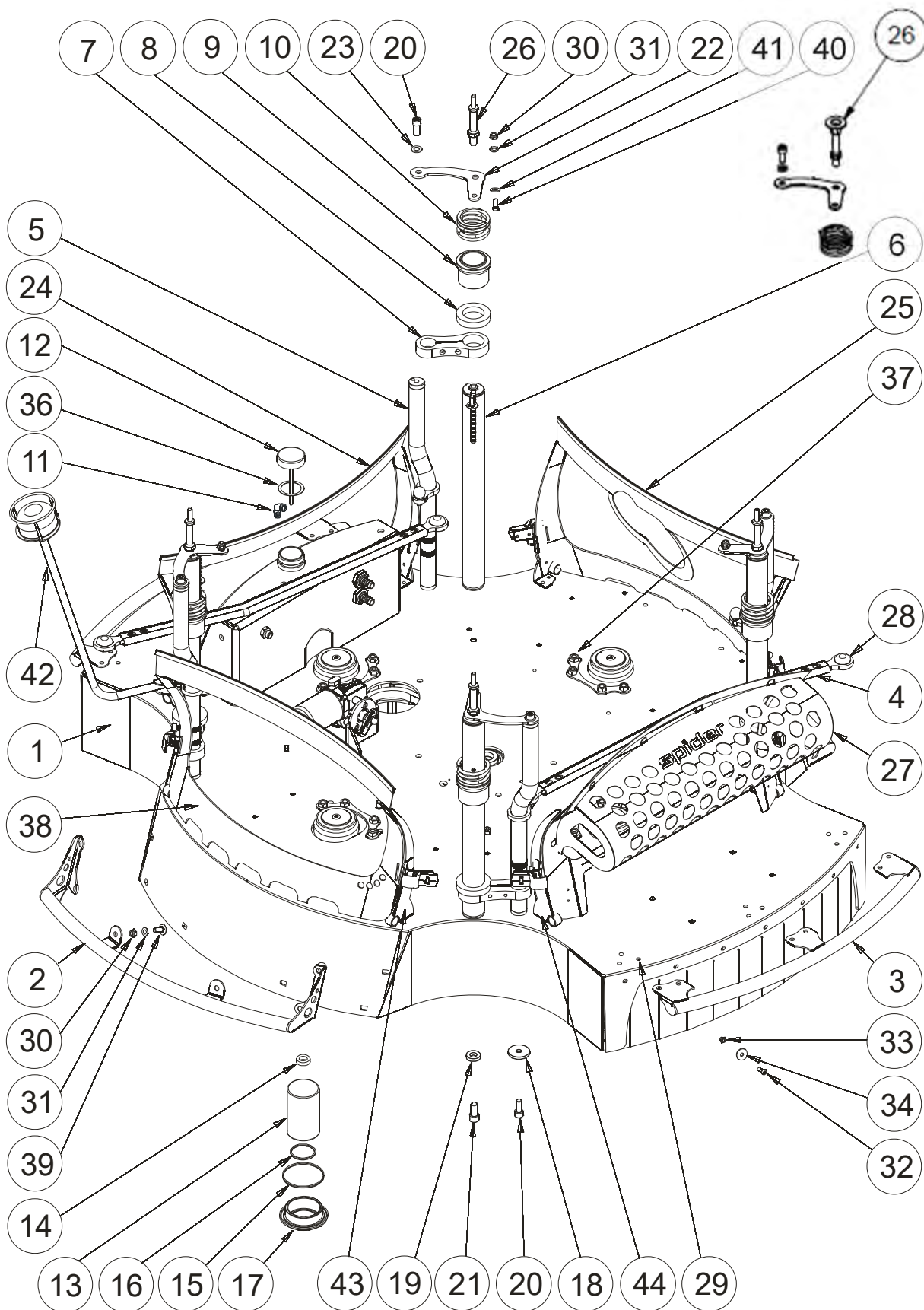
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1P01S151	Spacing ring 17 22 v41	Distanzring 17-22-v41	4	
2	1P01S152	Spacing ring 17 22 v5,5	Distanzring 17-22-v5,5	4	
3	1P01S500	Stop ring PA 6	Gleitring PA-6	4	
4	2P02S020	Pulley SPB 100	Riemenscheibe SPB 100	4	
5	2P02S010	V belt XPB 1450 Lw	Keilriemen XPB 1450 Lw	4	
6	1R01K001	Arm complete	Arm - komplett	4	
7	1R01S022	Bracket UNI II.	Halter UNI II.	4	
8	1R01S046	Taper lock z18D20 complete	Kegelschloss 18 pr.20 komplett	4	
9	1R01S221	Handle	Schutzbügel	4	
10	2R01S230	Bonnet attachment 02	Halterung	4	
11	N2040	Washer 5	Scheibe 5	8	
12	N825	Screw M5x16	Inbusschraube M5x16	8	
13	2R01S261	Steering chain 02	Lenkungskette 02 Interflon	1	STD
	2R01S265	Steering chain 02 EFI	Lenkungskette 02 EFI	1	EFI
13	N0005	Chain connection link	Kettenschloss	1	
14	N506B	Bearing SBPFL 203 + Housing	Lager SBPFL 203 + Gehäuse	4	
15	N2583	Bolt M6x20	Sechskantschraube M6x20	8	
16	N814	Key 5e7x5x12	Paßfeder 5e7x5x12	4	
17	N2284	Bolt M4x12	Senkkopfschraube M4x8	16	
18	N1089	Washer M6/6,4	Scheibe M6/6,4	8	
19	N826	Spring washer 8	Federscheibe 8	16	
20	N832	Bolt M8x25	Sechskantschraube M8x25	16	
21	N922	Washer C-RGS 8-20	Scheibe C-RGS 8-20	4	
22	N2475	Nut M6 selflock	Selbstsichernde Mutter M6	8	
23	N2049	Bolt M8x16	Sechskantschraube M8x16	4	
24	N822	Bright Self locking nut M5	Selbstsichernde Mutter M5	8	
25	2P02S031	Sensor inductive segment	Induktives Sensorsegment	1	
27	2N01S171	Sensor inductive	Induktiv Sensor	1	
28	N2082	Screw M3x8	Senkkopfschraube M3x8	2	
29	N2196	Screw M5x8	Knopfkopf Inbusschraube M5x8	2	
30	2N01S180	Sensor holder	Sensor Halter	1	
31	N2095	Spring	Feder	4	
32	N2145	Cylinder head screw M3x6	Inbusschraube M3x6	8	
33	N805	Spring washer 6	Federring 6	8	
34	N2170	Bolt M5x10	Inbusschraube M5x10	8	

Arm – complete / Arm - komplett

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	1R01K001	Arm complete	Arm-komplett	4	
2	1R01K031	Steering shaft 20 with pinion	Welle mit Ritzel	1	
3	1R01S061	Spacing ring 25 20 v21	Distanzring 25-20-v21	1	
4	1R01S120	Sealing ring	Dichtungsring - ECONOMOS	1	
5	1R01S210	Ball joint	Kugelgelenk	1	
6	1R01S270	Bearing 61804 2RS	Lager 61804 2RS	2	
7	N510	Bearing SKF NKI 55/35	Lager SKF NKI 55/35	1	
8	N2041	Circlip external 20	Sicherungsring außen 20	1	
9	N829	Circlip internal 32	Sicherungsring intern 32	1	
10	N830	Scraper ring 40 48 4/7 PUR	Abstreifring 40-48-4/7 PUR	2	
11	1R01S280	Spacing ring 25 20 v6	Abstandsring 25-20-v6	1	
12	N2361	Set screw M4x10	Schraubensatz M4x10	1	
13	1R01S430	Cover ring	Abdeckring	1	3480
14	1R01S420	Felt ring	Filzring 32x25x5 mm.	1	3480
15	N823	Straight grease fitting M6	Schmiernippel M6	1	
16	N505	Bearing 4040 KU	Lager 4040 KU	2	

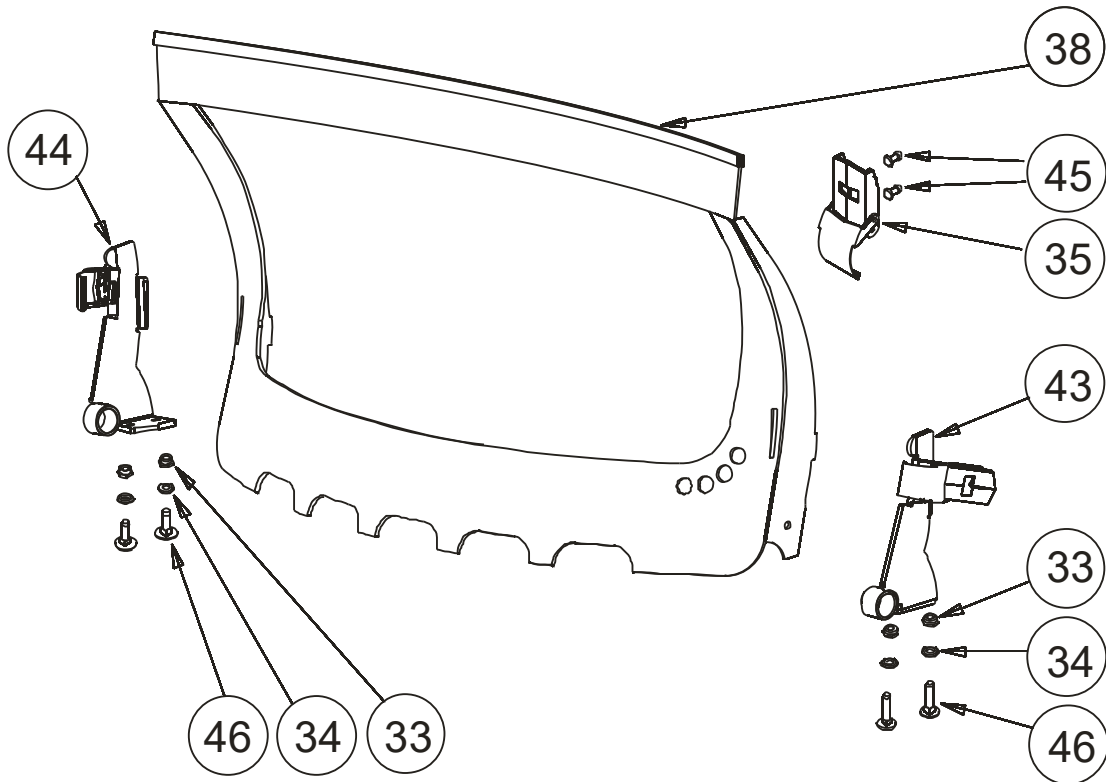
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1R01K001	Arm	Arm	4	
2	1R01S170	Pulley assembly	Riemenscheibe	2	
3	N2073	Bolt M10x30	Inbusschraube M10x30	1	
4	1R01S181	Spacing ring 10/24/v9 pulley	Distanzring 10/24/v9	2	
5	1R01S190	Bolt set	Bolzen Set	1	
6	N831	Capscrew M10x40	Inbusschraube M10x40	1	
7	N836	Helical spring	Schraubenfeder	1	
8	N915	Bright Self locking nut M10	selbstsichernde Mutter M10	1	
9	N1036	Sliding bushing	Gleitbuchse	2	
10	2K02S032	Extension piece	Verlängerungsstück	1	
11	2K02S033	Extension piece EFI II	Verlängerungsstück EFI II	1	EFI
12	2K02S034	Extension piece EFI III	Verlängerungsstück EFI III	1	EFI
13	1K01S141	Spacing ring 16, 10.1	Abstandsring 16, 10.1	2	EFI
14	N1076	Countersunk bolt M10x20	Senkschraube M10x20	1	EFI
15	N2858	Countersunk bolt M10x50	Senkschraube M10x50	2	EFI
16	N835	Self locking nut M10	Selbstsichernde Mutter M10	1	EFI
17	N1092	Bolt M10x110	Schraube M10x110	1	EFI

Mowing deck 02 / Mähdeck 02



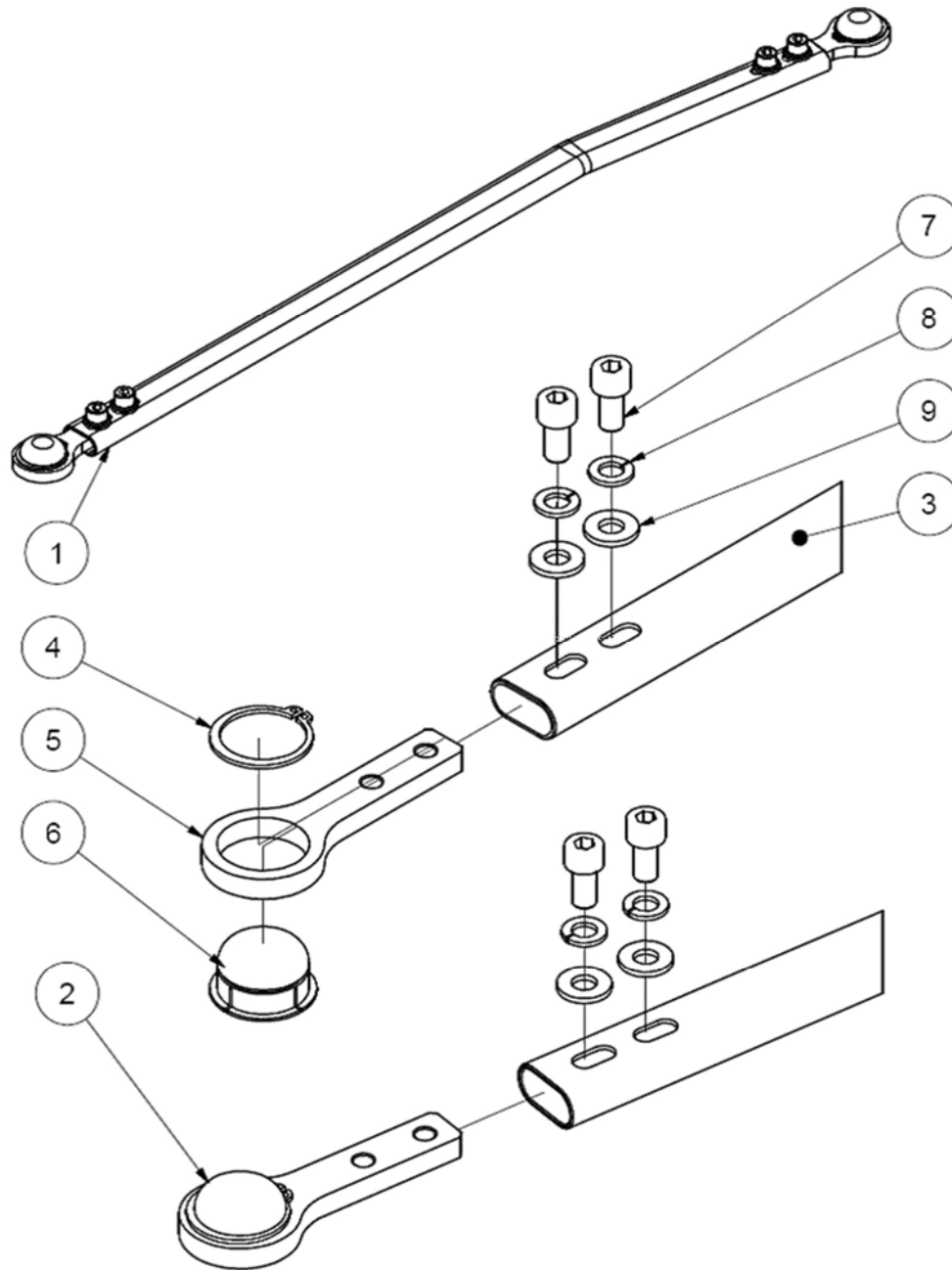
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2S01S002	Mowing deck open	Mähgehäuse	1	
2	2S02S111	Bumper lateral	seitliche Stoßstange	2	
3	2S02S120	Bumper front	vordere Stoßstange	2	
4	2S02K072	Stabilizing bar 02	Lenk Stabilisator 02	4	
5	2S02S061	Stabilizer 02 90 140	Stabilisator 02 90-140	4	
6	2S02S021	Sliding bar 02 90 140	Führungsrohr 02 90-140	4	
7	1S01S050	Clamp	Strebe	4	
8	1S01S080	Stop rubber	Gummi Stopp	4	
9	2S02S050	Extension piece 02	Verlängerungsstück	4	
10	1S01S070	Spring	Feder	4	
11	N2197	Air breather	Entlüftungsventil Hydrauliktank	2	
12	2S01S150	Oil tank cap	Öltankdeckel	1	
13	1S01S040	Hydraulic filter	Hydraulikölfilter	1	
14	N860	Seal	Dichtung	1	
15	N863	O ring 0,78x4	O-Ring 0,78x4	1	
16	N864	Oring 0,47x4	O-Ring 0,47x4	1	
17	1S01S090	Filter cap	Filterdeckel	1	
18	1S01S190	Stabilizer washer	Stabilisator Scheibe	4	
19	1S01S180	Sliding bar washer	Gleitstange Scheibe	4	
20	N861	Bolt M10x25	Inbusschraube M10x25	8	
21	N2255	Bolt M12x50	Inbusschraube M12x25	4	
22	2S02S090	Stabilizer bracket	Stabilisator Halter	4	
23	N845	Spring washer 10	Feder Scheibe 10	4	
24	2S04K101	Side cover pump	Abdeckgitter Hydraulikpumpe	1	2157-
25	2S04K201	Side cover fuel tank	Abdeckgitter Benzintank	1	2157-
26	2N01S190	Girder bolt 02 50 100 mm	Bolzen 02 50-100 mm	4	LOWERED
	2N01S191	Girder bolt 02 90 140 mm	Bolzen 02 90-140 mm	4	ILD02 SG
	2N01S191.SOL	Girder bolt 02 SOLAR	Bolzen 02 SOLAR	4	2SGS
27	2S04K302	Side cover exhaust	Abdeckgitter Auspuff	1	2157-
28	1S01K272	Stabilizer pressed in	Strebe	8	
29	N2121	Bolt M8x20 ISO7380	Knopfkopf Inbusschraube M8x20	30	
30	N914	Selflocking nut M8	selbstsichernde Mutter M8	16	
31	N869	Washer 8 flat	Scheibe 8 flach	16	
32	N2120	Bolt M6x20	Knopfkopf Inbusschraube M6x20	14	
33	N913	Selflocking nut M6	selbstsichernde Mutter M6	30	
34	N820	Washer 6 flat	Scheibe 6	30	
35	2S04S050	Lateral cover clip	Verriegelung	8	
36	N2221	Seal of oil cap	Ölkappendichtung	1	
37	2Z01K090	Nut strap	Mutter	4	
38	2S04K501	Cover lateral electronic	Abdeckgitter Elektronikseite	1	2157-
39	N2366	Bolt M8x20 ISO8677	Trägerschraube M8x20	16	
40	N832	Hex bolt M8x25	Sechskantschraube M8x25	4	
41	N966	Washer M8/8,4	Scheibe M8/8,4	4	
42	2B01K102	Beacon ILD02 complete SOL	Warnlampe ILD02 komplett	1	
43	2S04K130	Side cover holder right	Seitenabdeckung Halter-rechts	4	2157-
44	2S04K140	Side cover holder left	Seitenabdeckung Halter-links	4	2157-

Side covers / Seitenabdeckung



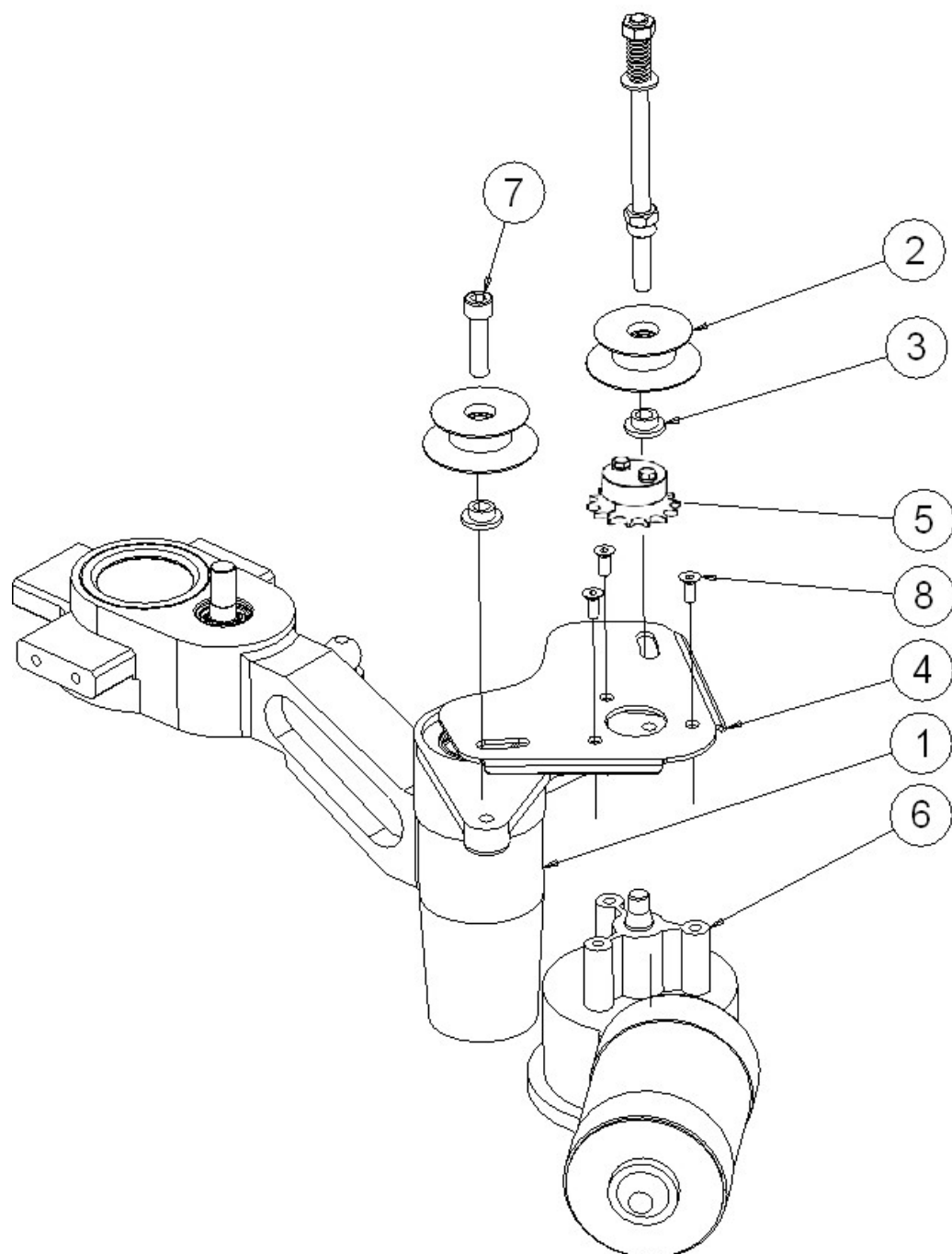
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
24	2S04K101	Side cover pump	Abdeckgitter Hydraulikpumpe	1	2157-
25	2S04K201	Side cover fuel tank	Abdeckgitter Benzintank	1	2157-
27	2S04K302	Side cover exhaust	Abdeckgitter Auspuff	1	2157-
33	N913	Bright Self locking nut M6	Selbstsichernde Mutter M6	4	
34	N820	Bright washer M6	Scheibe M6.	4	
35	2S04S050	Lateral cover clip	Seitenabdeckung Clip	2	
38	2S04K501	Side cover electronic	Seitenabdeckung - Elektronik	1	2157-
43	2S04K130	Side cover holder right	Seitenabdeckung Halter-rechts	4	2157-
44	2S04K140	Side cover holder left	Seitenabdeckung Halter-links	4	2157-
45	N2195	Rivet	Niet 3.2 x 6	4	2157-
46	N2318	Bolt	Trägerschraube M6 x 20	4	2157-

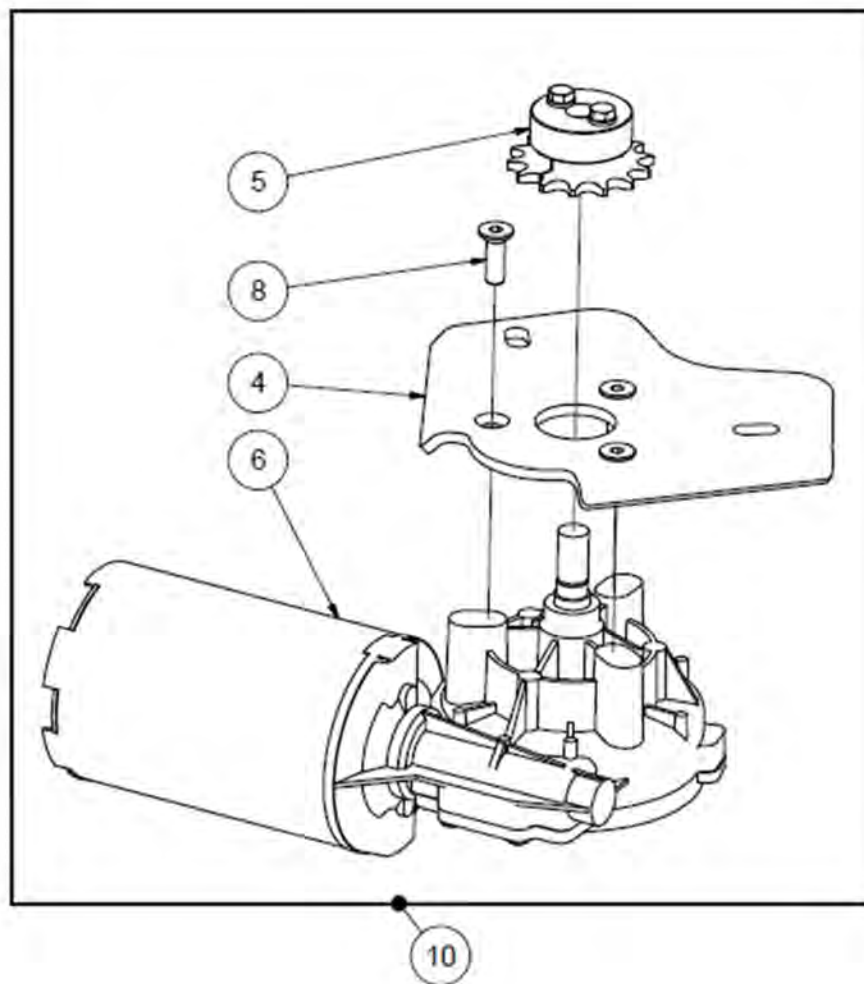
Stabilizer bar / Stabilisator



Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2S02K072	Stabilizer bar 02 complete	Stabilisatorstange 02- komplett	4	
2	1S01K272	Stabilizer press in complete	Stabilisator Kopf kompl.	8	
3	2S02S072	Stabilizer bar 02	Stabilisatorstange	4	
4	N2282	Retaining ring 30	Sicherungsring	8	
5	1S01S272.1	Stabilizer eye	Stabilisatorring	8	
6	1S01S272	Stabilizer bushing	Kunststoff Abdeckkappe	8	
7	N927	Bolt M8x16	Inbusschraube M8x16	16	
8	N826	Washer spring 8	Federscheibe 8	16	
9	N869	Washer flat 8	Scheibe 8	16	

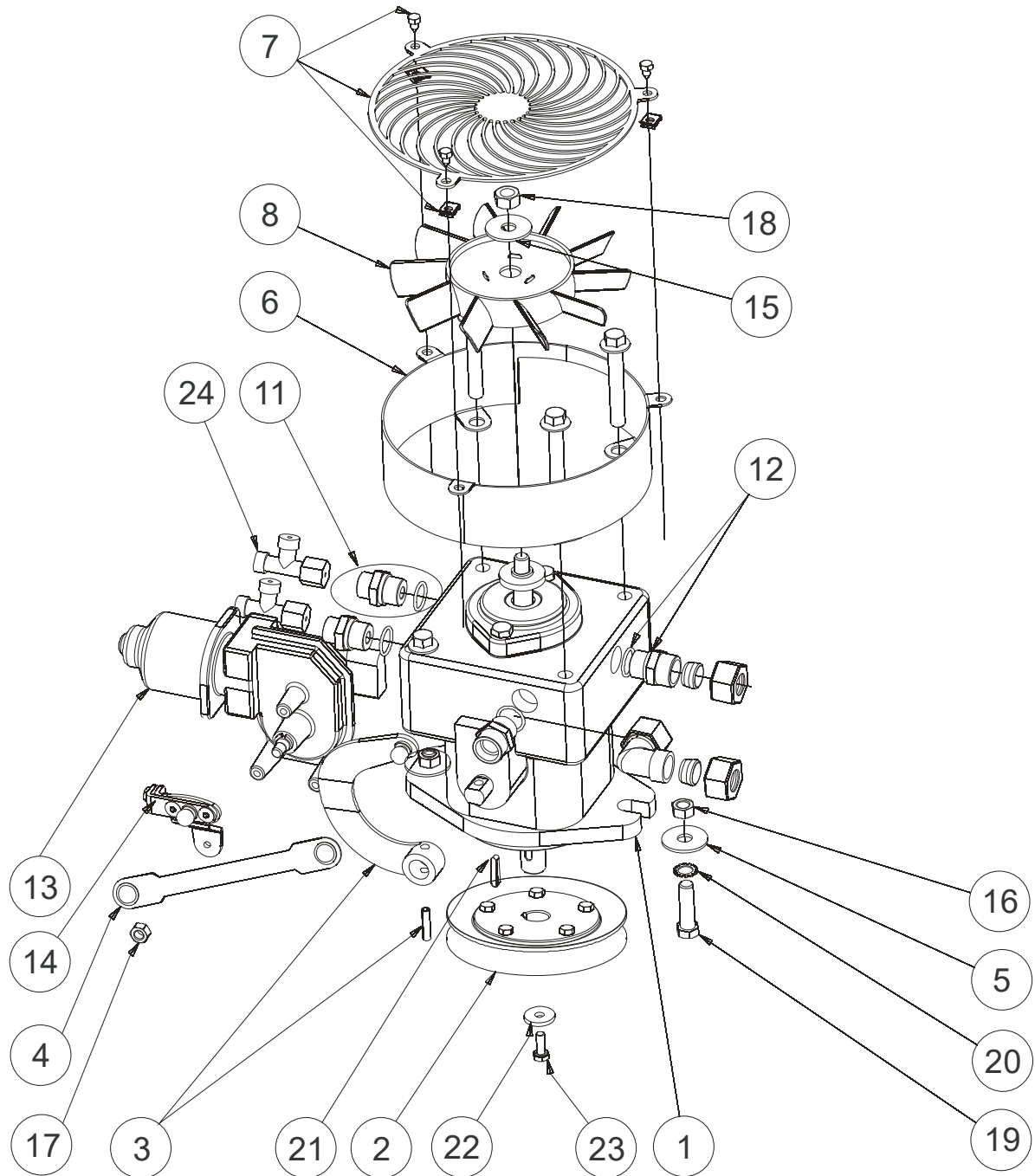
Steering servomotor / Lenkungsservomotor

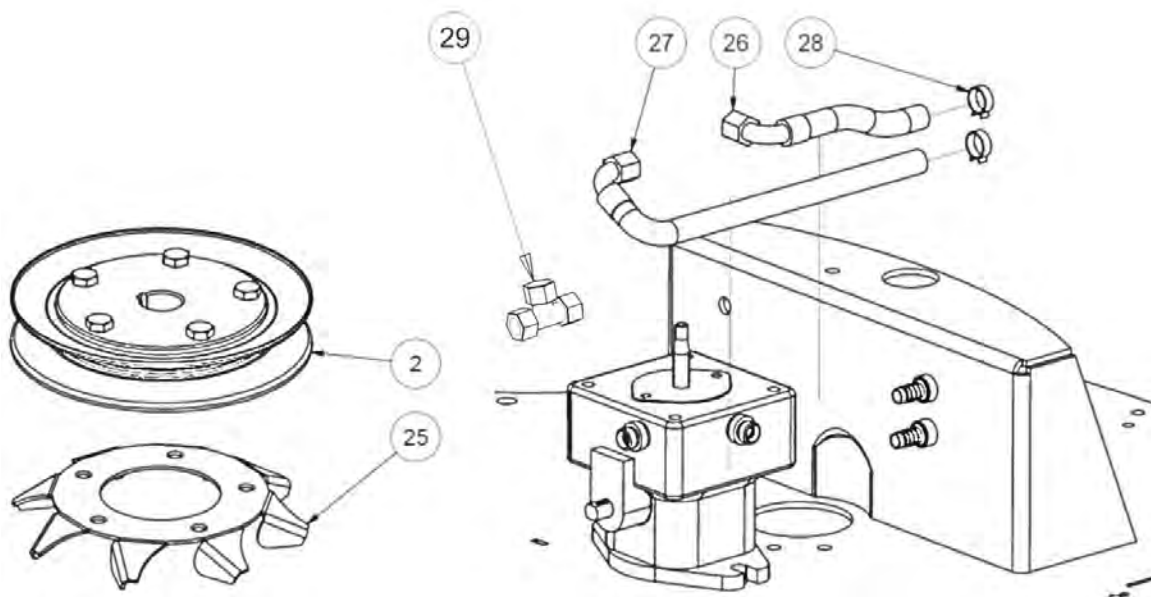




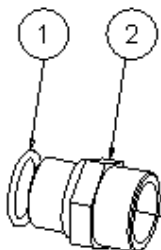
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1R01K001	Arm complete	Arm komplett	1	
2	1R01S170	Pulley assembly	Riemenscheibe komplett	2	
3	1R01S181	Spacing ring pulley	Distanzring 10/24/v9	2	
4	2R02S016	Steering bracket DOGA	Lenkungsmotorhalter DOGA	1	
5	2R02S021	Steering chain wheel Z14 DOGA	Steuerkettenrad Z14 DOGA	1	
6	2R02S010	Steering servomotor PAL 827	Lenkungsmotor PAL 827	1	№ ≤ 3545
	2R02S011	Steering servomotor DOGA	Lenkungsmotor DOGA	1	№ ≥ 3546 PPI_113
7	N831	Bolt M10x40	Schraube M10x40 ŽZN	1	
8	N801B	Screw M8x25	Inbusschraube M8x25	3	
10	2R02K101	Steering servomotor DOGA complete	Lenkungsmotor DOGA - komplett	1	

Hydraulic pump / Hydraulikpumpe

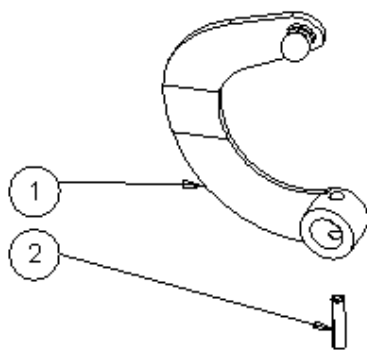




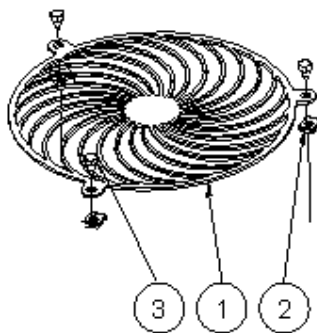
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1S02S011	Pump 21L	Hydraulikpumpe-21L	1	
2	2S05S020	Belt pulley SPB 118	Riemenscheibe SPB 118	1	
3	1S02K050	Pump lever complete	Regulierungshebel komplett	1	
4	1S02S080	Flat draw rod	Regulierungsgestänge	1	
5	N1094	Washer 10	Scheibe 10	2	
6	2S02S200	Fan cover	Lüftergehäuse	1	
7	1S02K210	Fan grate	Lüfterabdeckung	1	
8	1S02S220	Fan blade	Lüfterflügel	1	
11	N2142	Adapter 12/3/4" 16 UNF	Adapter XAL 12/3/4" - 16 UNF	2	
12	1S02K260	Adapter 15 3/4" 16 UNF	Adapter XAL15 3/4"-16 UNF	2	
13	1S02S435	Servomotor NBB APS	Servomotor NBB APS	1	№ ≤ 2099
	1S02S436	Servomotor NBB Elobau	Servomotor NBB Elobau	1	№ ≥ 2100 PPI_093
14	1S02S441	Servomotor lever adjustment	Servomotor Gestänge	1	
15	1S02S450	Fan washer	Scheibe für Lüfter	1	
16	N915	Nut M10	Mutter M10	2	
17	N843	Nut M8	Mutter M8	1	
18	N906	Nut M10x1,5	Mutter M10x1,5	1	
19	N872B	Hex bolt M10x35	Sechskantschraube M10x35	2	
20	N2016	Washer locking 10	Sprengtring 10	2	
21	N1049	Parallel key 5x5x32	Paßfeder 5x5x32	1	
22	1S02S035	Countersunk Washer M6	Senkkopfscheibe M6	1	
23	N912	Countersunk torx bolt M6	Senkkopfschraube TORX M6	1	
24	N2115	T fitting with nut XLEDL 12	T-Stück mit Mutter XLEDL 12	2	
25	1S02S470	Fan 125/50	Lüfter-Riemenscheibe	1	
26	2S02S231	Suction hose	Ansaugschlauch	1	
27	2S02S241	Return hose	Rücklaufschlauch	1	
28	N2373	Clamp	Schelle	2	
29	N2114	T fitting with nut XLEDL 08	T-Stück XLEDL 08	1	

Hydraulic pump / Hydraulikpumpe**1S02K260 (No. 12)** Adapter XAL 15 3/4/22x1,5 UNF - complete

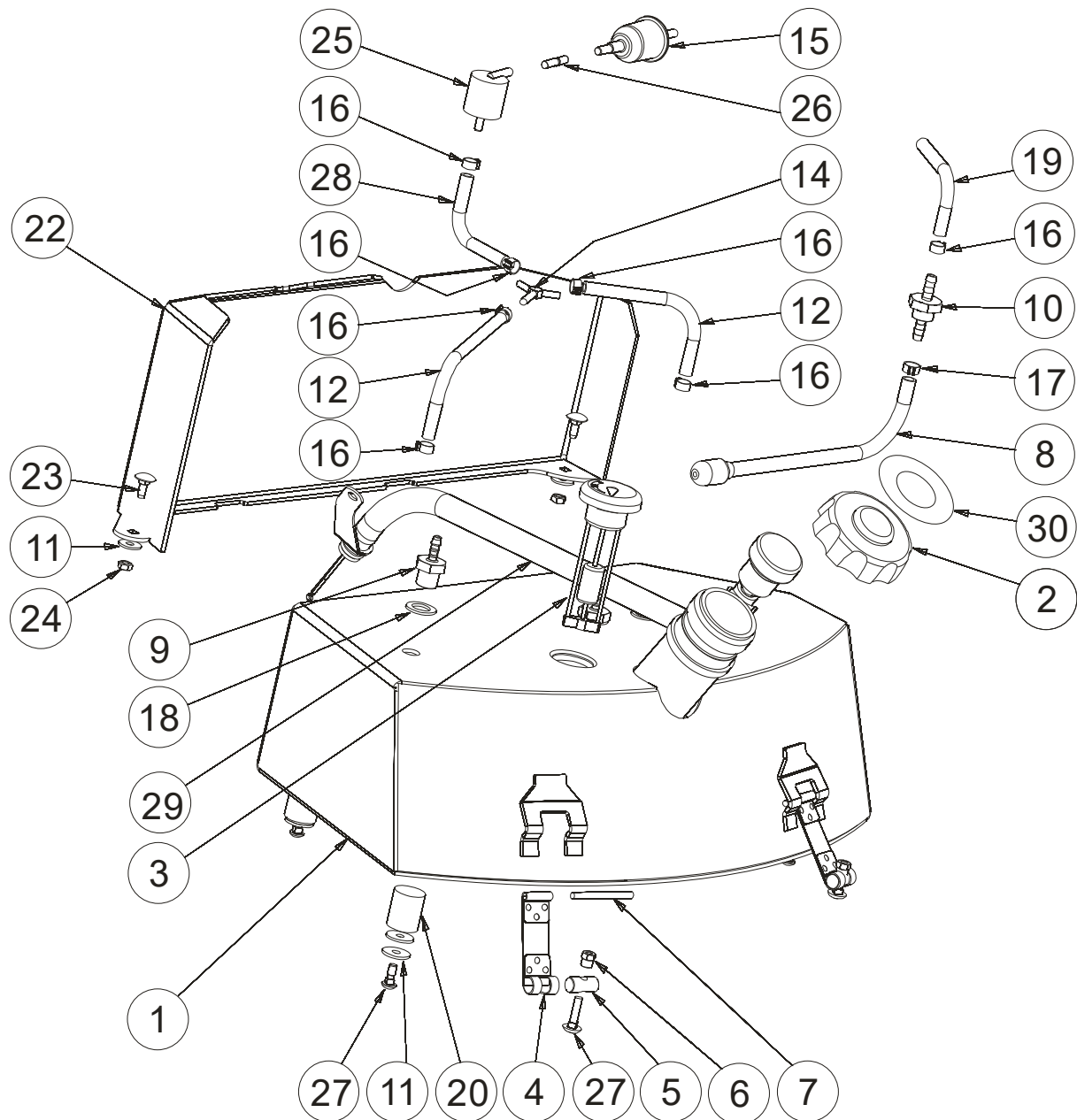
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	N896	Sealing ring GEM 1/2"	Dichtungsring 1/2"	1	
2	1S02S260	Adapter 15 3/4/22x1,5 UNF	Adapter XAL15 3/4"-16 UNF	1	

1S02K050 (No. 3) Pump lever – complete / Páka čerpadla – komplet

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1S02S050	Pump lever	Pumpenhebel	1	
2	N871	Spring pin 6x24	Federstift 6x24	1	

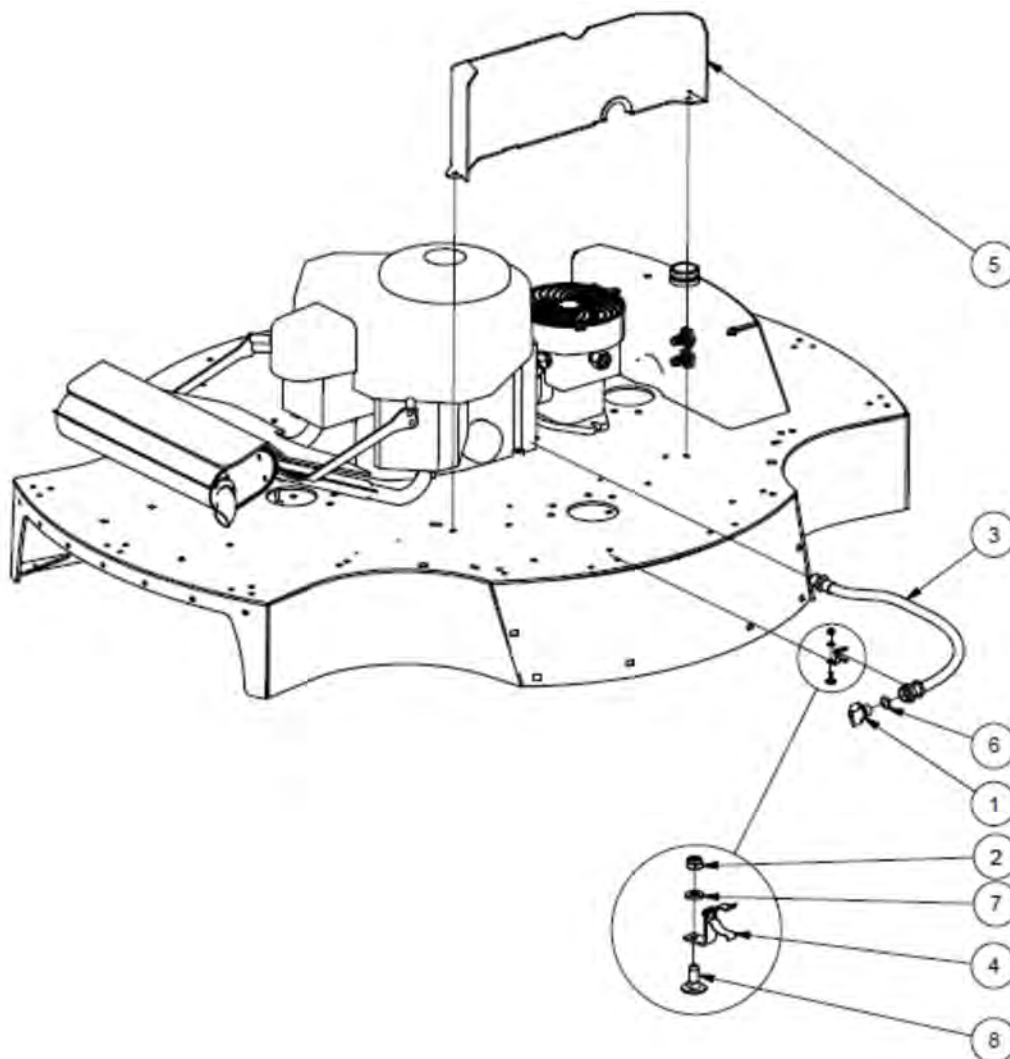
1S02K210 (No. 7) Fan cover – complete / Mřížka ventilátoru - komplet

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	1S02S210	Fan grate	Abdeckgitter	1	
2	N867	Bolt M4,8x19	Hex Kopf SEM M4,8x19	3	
3	N866	Nut M4,8	Mutter 4,8	3	

Fuel system / Kraftstoffsystem

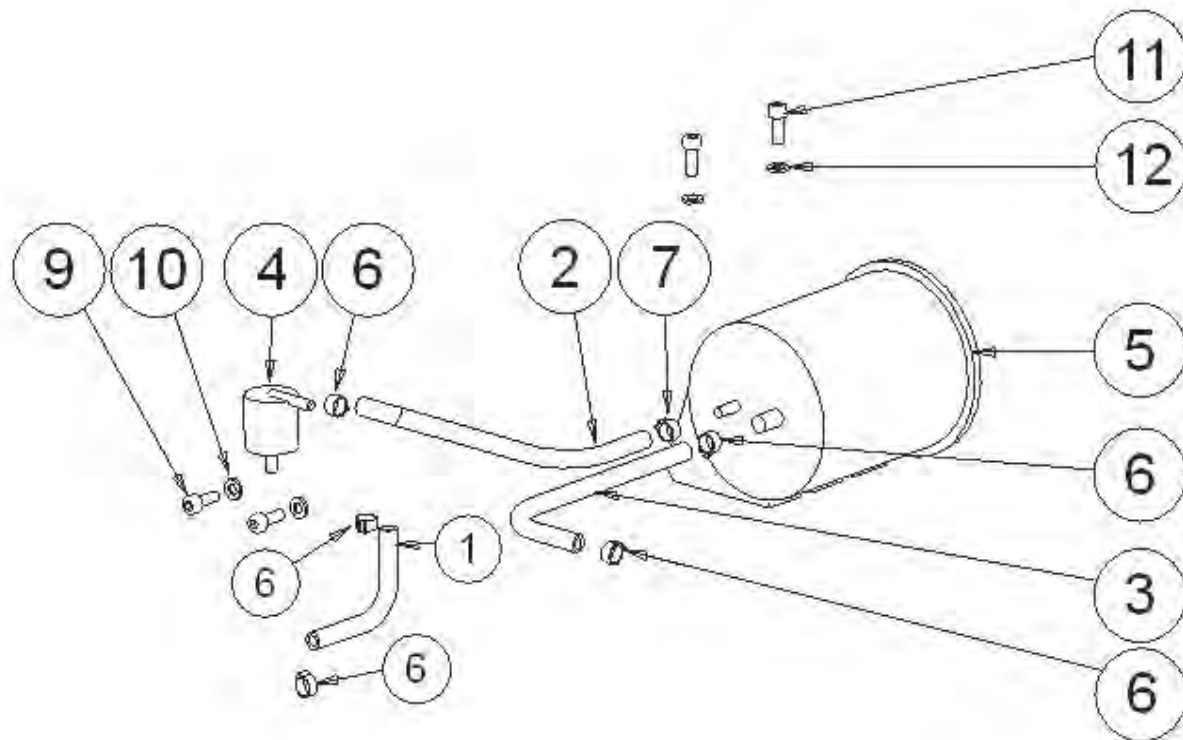
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2S03S011	Fuel tank 02 AL	Kraftstofftank 02 - AL	1	
2	1S03S021	Fuel cap	Tankdeckel	1	
3	2S03S120	Fuel gauge	Füllstandsanzeige	1	
4	2S03S090	Tank strap 02	Tankhalter 02	4	
5	1S03S050	Clip pivot 1	Befestigungsclip	4	
6	N2472	Sleeve nut M6	Hülsenmutter M6	4	
7	N2294	Spring pin 5x60	Spannstift 5x60	4	
8	1S03K130	Fuel hose with weight	Kraftstoffleitung mit Gewicht	1	
9	2S03S100	Fuel tank bushing	Büchse für Kraftstofftank	2	
10	2S03S110	Fuel tank bushing	Büchse für Kraftstofftank	1	
11	N2293	Washer 6 DIN 440	Scheibe 6 DIN 440	8	
12	N1012	Hose fuel 200	Kraftstoffschlauch 200	2	
14	N2223	726 Y Fitting	Y-Stück	1	
15	1S03S140	Fuel filter	Kraftstofffilter	1	
16	N2207	Clamp 11	Klammer	6	
17	N2198	Clamp 9	Klammer	1	
18	N1056	Sealing ring GEM 3/8	Dichtungsring GEM 3/8	3	
19	N2299	Fuel hose 120	Kraftstoffschlauch 120	1	
20	2S03S131	Silent block Fuel tank	Gummipuffer	4	
22	2S02S142	Fuel tank shield	Tank Schutz	1	
23	N807	Capscrew M6x16	Inbusschraube M6x16	2	
24	N913	Selflocking nut M6	selbstsichernde Mutter M6	2	
25	2S03S150	Roll over valve	Überrollventil	1	
26	MK01S250	Breather hose MINI	Entlüftungsschlauch MINI	1	
27	N2320	Carriage bolt M6x16	Trägerschraube M6x16	8	
28	N2482	Fuel hose 120 FUB DN 06 benzinol/oil L310mm	Kraftstoffschlauch 120 FUB DN 06	1	
29	2M03K011	Oil dipstick tube complete	Ölmessstabrohr - komplett	1	
30	2P226	Sticker fuel cap	Aufkleber - Tankdeckel	1	

Oil drain / Ölablass



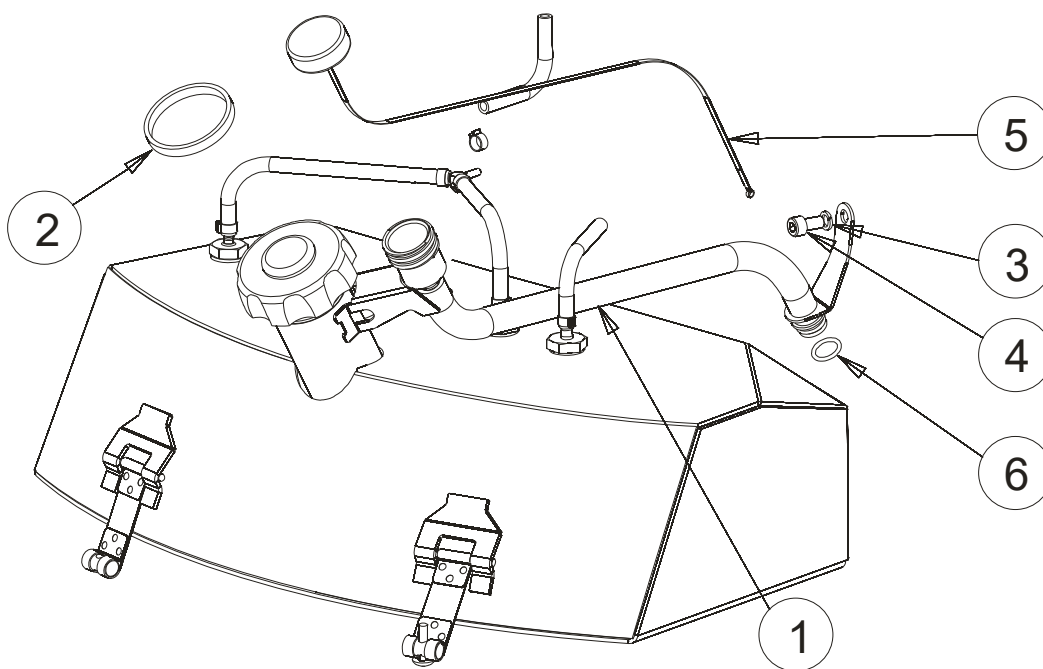
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	N2671	Plug	Stöpsel	1	
2	N913	Self locking nut M6	selbstsichernde Mutter M6	1	
3	2M03S300	Oil drain	Ölablass	1	
4	2M03S290	Oil drain bracket	Ölablasshalterung	1	
5	2S02S142	Fuel tank heat shield	Kraftstofftank Hitzeschutz	1	
6	N2337	O ring	O-Ring	1	
7	N820	Washer M6	Scheibe M6	1	
8	N2320	Girder bolt M6x16	Trägerschraube M6x16	2	

EVAP System / Ausführung Kalifornien



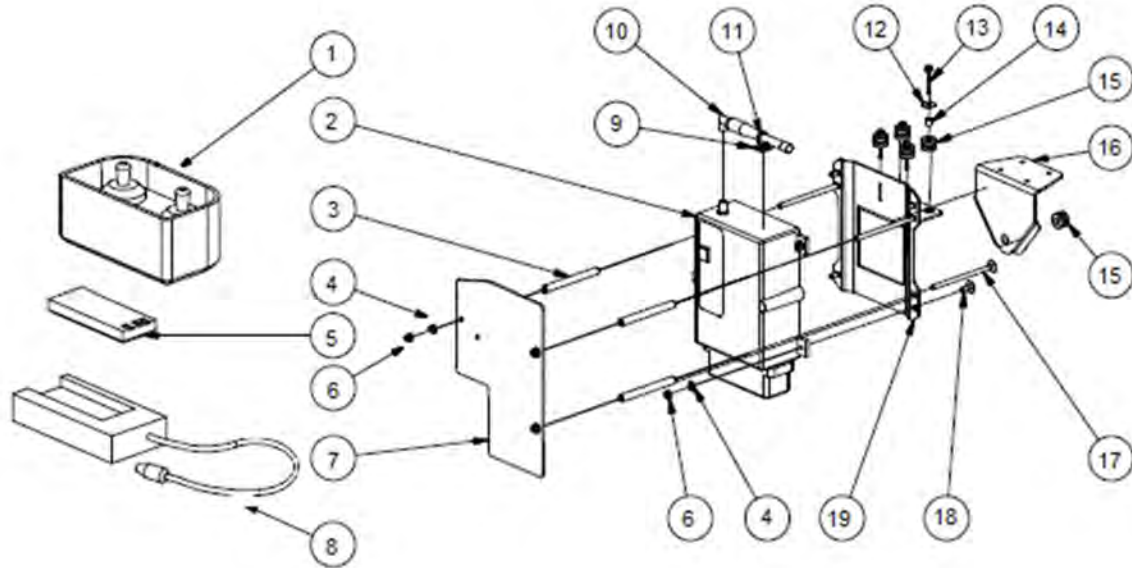
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	N2295	Fuel Hose 360	Kraftstoffschlauch 360	1	
2	N2134	Fuel Hose 800	Kraftstoffschlauch 800	1	
3	N2296	Fuel Hose 1100	Kraftstoffschlauch 900	1	
4	2S03S150	Rollover Valve	Überrollventil	1	
5	2S03S140	Carbon Canister	Kohlenstoffkanister	1	
6	N2207	Clamp 11	Klemme 11	5	
7	N2290	Clamp 12	Klemme 12	1	
9	N825	Bolt M5x16	Inbusschraube M5x16	2	
10	N821	Washer flat 5	Scheibe 5	2	
11	N807	Bolt M6x20	Inbusschraube M6x20	2	
12	N820	Washer flat 6	Scheibe 6	2	

Oil gauge / Ölstandsanzeige



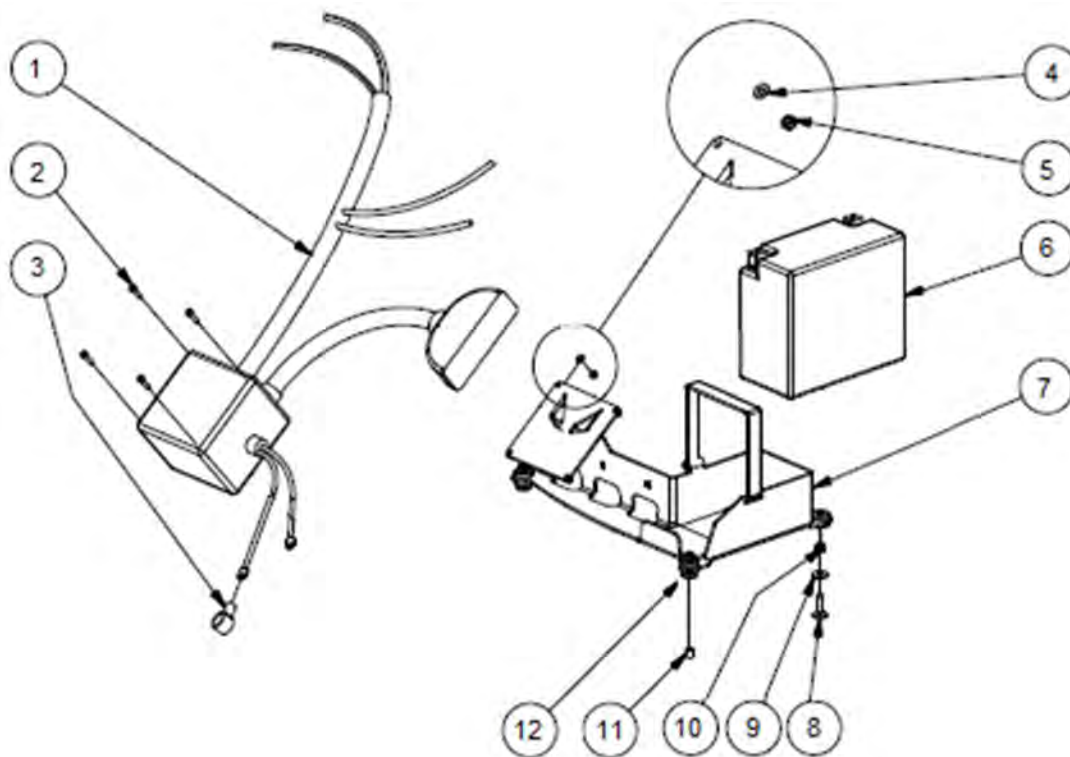
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	2M03K011	Funnel 02 complete	Öleinfüllrohr 02 - komplett	1	2157-
1	2M03K010	Funnel system	Öleinfüllrohr	1	2157-
2	N2341	Clamp	Klemme 40-60	1	2157-
3	N826	Spring washer M8	Federscheibe M8	1	2157-
4	N927	Allen Bolt M8x16	Inbusschraube M8x16	1	2157-
5	2M03K240	Oil dipstick	Ölmesstab	1	2157-
6	N2337	O Ring 16 mm	O-Ring 16 mm	1	2157-

Control unit NBB 02 / Kontrolleinheit - Fernsteuerung NBB 02



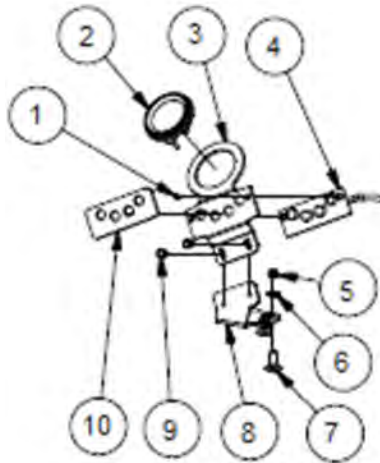
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	2N03S014	Control unit 999 complete	Kontrolleinheit 999 Komplett	1	Nº ≤ 2528
	0N03S017	Control unit NBB complete 9600	Kontrolleinheit 9600 EU-USA komplett	1	STD Nº ≥ 2529 PPI 102
	0N03S022	Control unit NBB complete 9600 EFI	Kontrolleinheit 9600 EU-USA komplett EFI	1	EFI
	0N03S018	Control unit NBB complete 9600 Korea	Kontrolleinheit 9600 - Korea komplett	1	STD Nº ≥ 2529 PPI 102
	0N03S023	Control unit NBB complete 9600 Korea EFI	Kontrolleinheit 9600 - Korea komplett EFI	1	EFI
	0N03S019	Control unit NBB complete 9600 Japan	Kontrolleinheit 9600 – Japan komplett	1	STD Nº ≥ 2529 PPI 102
	0N03S024	Control unit NBB complete 9600 Japan EFI	Kontrolleinheit 9600 – Japan komplett EFI	1	EFI
1	2N03S014.1	Remote controller 999 NBB	Handsteuerungseinheit 999 NBB	1	Nº ≤ 2528
	0N03S017.1	Remote controller NBB 9600	Handsteuerungseinheit NBB 9600	1	Nº ≥ 2529 PPI 102
2	2N03S014.2	Control unit 999 NBB EU, USA	Kontrolleinheit 999 NBB EU, USA		Nº ≤ 2528
	0N03S017.2	Receiver NBB 9600	Empfänger NBB - 9600	1	STD Nº ≥ 2529 PPI 102
	0N03S022.2	Receiver NBB 9600 EFI	Empfänger NBB – 9600 EFI	1	EFI Nº ≥ 00001
3	2N01S290	Spacer	Abstandshalter	3	
4	N820	Washer 6	Scheibe 6	7	
5	1N05S041	RC battery NBB	Akku NBB	1	
6	N913	Selflocking nut M6	selbstsichernde Mutter M6	7	
7	2N01S280	Heat shield control unit NBB	Hitzeschild Empfangseinheit NBB	1	ILD02
	2N01S280.SOL	Heat shield control unit NBB	Hitzeschild Empfangseinheit NBB	1	2SGS
8	1N05S021	Transmitter battery charger	Ladegerät Akku Handsteuerung	1	
9	N2653	Cable clip	Kabelklemme	1	
10	1N03S040	Antenne NBB	Antenne für Empfangseinheit	1	
11	N1037	Cable tie	Kabelbinder	1	
12	N1089	washer 6/6,4	Scheibe M6/6,4	4	
13	N2483	Self drilling hex.bolt 5,5x32	Sechskantkopf Bohrschraube 5,5x32	4	
14	1N01S221	Spacing ring 8/6/v9	Abstandsring 8/6/v9	4	
15	N2435	Rubber washer 8x3	Gummischeibe 8x3	5	
16	2N01S240	Bracket NBB FS II	Halteplatte Empfänger NBB 02	1	
17	N2471	Carriage bolt M6x110	Schlittenschraube M6x110	3	
18	N2320	Carraige bolt M6x16	Schlittenschraube M6x16	4	
19	2N01S230	Bracket NBB FS I	Halteplatte Empfangseinheit NBB	1	ILD02
	2N01S230.SOL	Bracket NBB FS I	Halteplatte Empfangseinheit NBB	1	2SGS

Wiring Harness / Kabelbaum



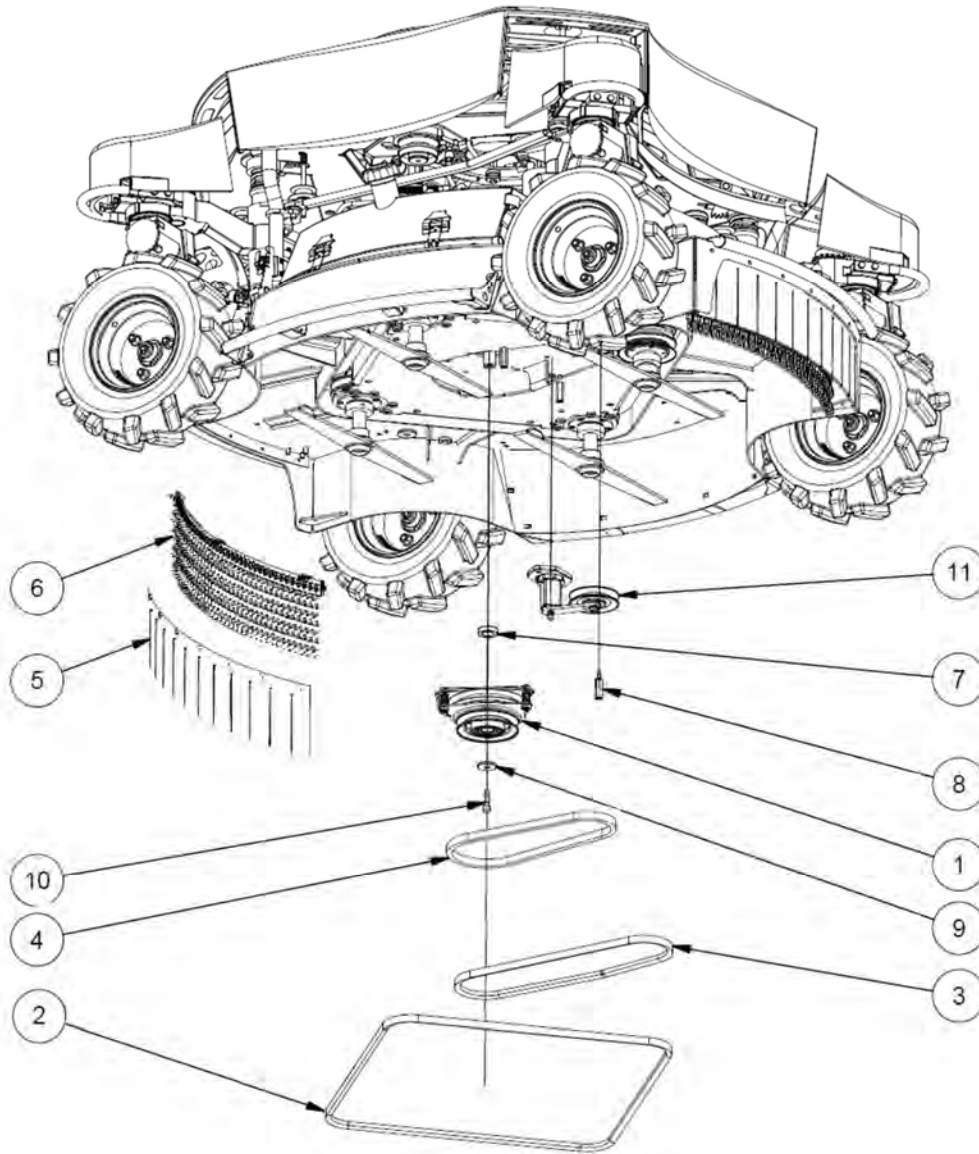
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2S07S057	Main harness	Kabelbaum ILD02 SG	1	STD
	2S07S058	Main harness EFI	Kabelbaum ILD02 EFI	1	EFI
2	N2667	Capscrew M4x16	Inbusschraube M4x16	4	
3	2S07S060	Hood of battery terminal	Pluspol Abdeckung für Batterie	1	
4	N2055	Washer M4	Scheibe M4	4	
5	N2010	Nut M4	Mutter M4	4	
6	1S07S041	Battery YTX 20 I	Batterie 02 FTX 20 BS	1	
7	2S07S042	Electronic bracket AKU FS	Batteriehalter FS	1	
8	N2473	Carriage bolt M6x25	Schlittenschraube M6x25	3	
9	N1089	Washer 6/6,4	Scheibe M6/6,4	3	
10	N913	Selflocking nut M6	selbstsichernde Mutter M6	3	
11	1N01S221	Spacing ring 8/6/v9	Abstandsring 8/6/v9	3	
12	N2435	Rubber washer 8x3	Gummischeibe 8x3	3	

Motor clock / Betriebsstundenzähler



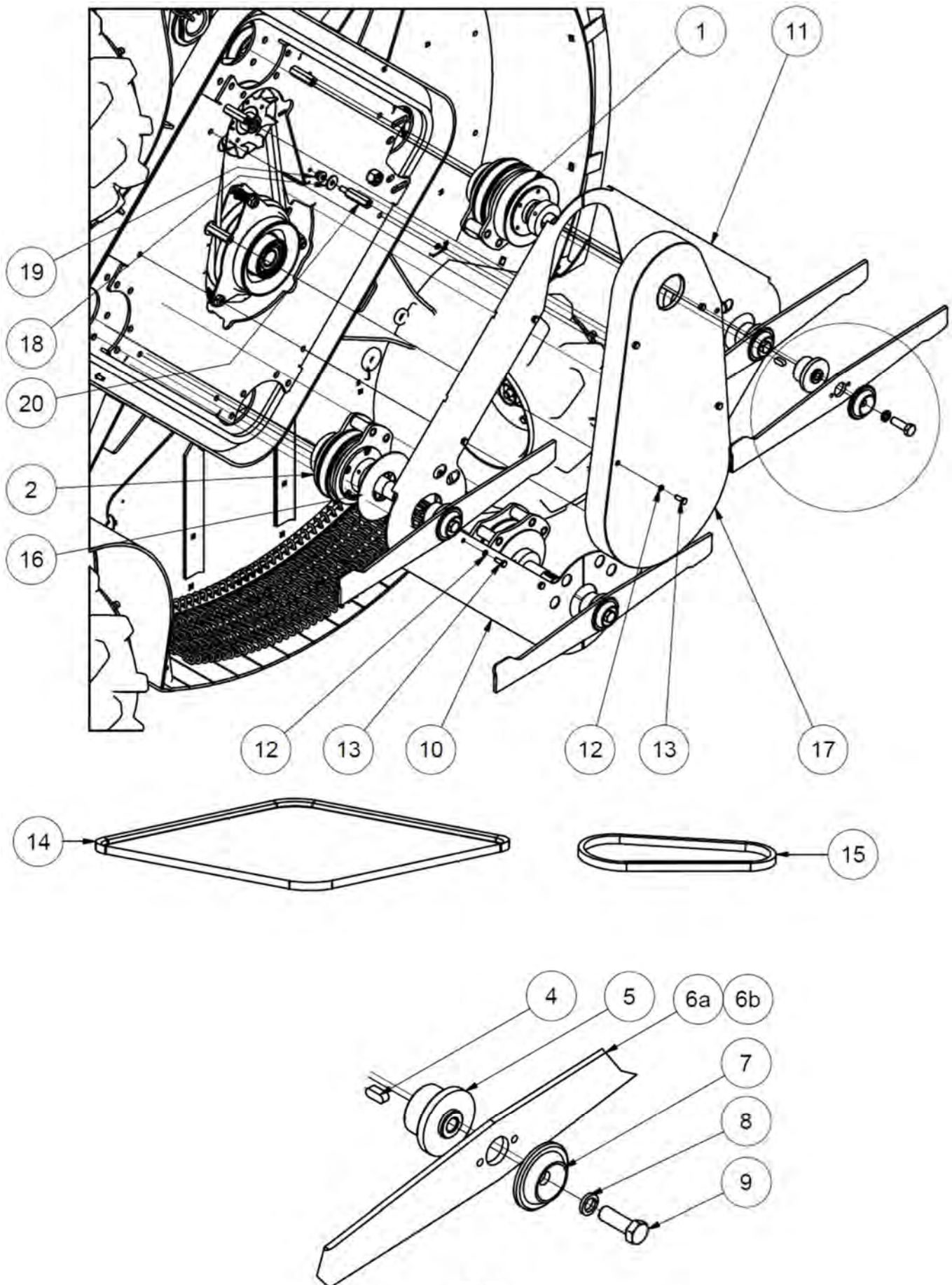
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	N2082	Counter sunk bolt M3x8	Senkkopfschraube M3x8	2	Ne ≥ 2157
2	1S07S070	Motorclock	Betriebsstundenzähler	1	
3	2S07S021	Motorclock panel 02	Betriebsstundenzähler-Panel 02	1	Ne ≥ 2157
4	1S07S091	Indicating panel	LED-Anzeige	1	Ne ≤ 3803
	1S07S092	Indicating panel	LED-Anzeige 2019	1	Ne ≥ 3804
5	N913	Selflocking nut M6	selbstsichernde Mutter M6	2	
6	N820	Washer 6	Scheibe 6	2	
7	N2318	Carriage bolt M6x20	Schlittenschraube M6x20	2	Ne ≥ 2157
8	2S07S090	LED panel bracket 02	LED-Panelhalterung 02	1	Ne ≥ 2157
9	N2546	Self Drilling Screw 4,2x13	Sechskantkopf Bohrschraube 4,2x13	2	Ne ≥ 2157
10	2S07S100	LED panel washer 02	LED-Anzeige Dichtung 02	1	Ne ≥ 2157

Mower drive 02 / Mähantrieb 02

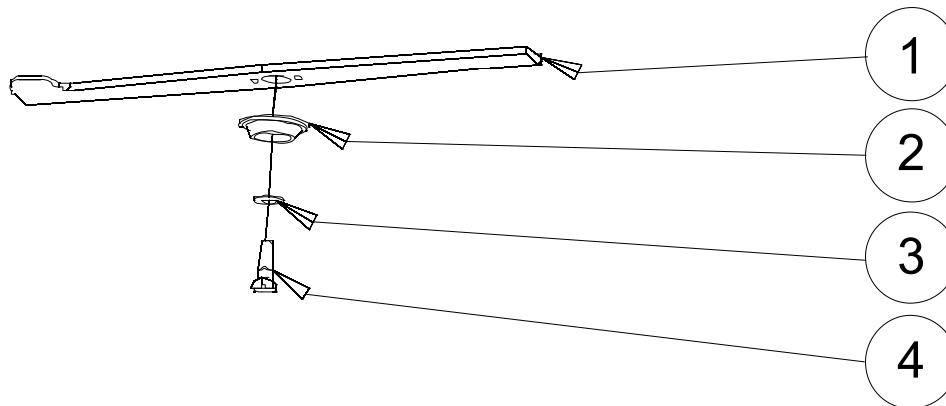


Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2Z04S010	Clutch 02	Kupplung 02	1	
2	2Z01S180	V Belt SPB 2410	Keilriemen SPB 2410	1	
3	2Z04S030	V Belt B 1160	Keilriemen B 1160	1	
4	2Z04S021	V Belt BX 17x965 Lp	Keilriemen BX 17x960 Lp	1	
5	2S02S080	Protective cover	Steinschlagschutzlappen	2	
6	2S04K400	Chain cover	Kettenabdeckung	2	
7	2M01S050	Dist. Washer 42 26 v10	Distanzscheibe 42-26-v10	1	
8	2Z03S031	Extender bolt M8	Verlängerungsbolzen M8	4	
9	2Z04S040	Clutch washer 02	Scheibe 02	1	
10	N2163	Hex bolt UNF 7/16" x 1 1/2"	Sechskantschraube UNF 7/16"x1 1/2"	1	
11	2Z01K030	Belt tensioner	Riemenspanner	1	№ ≥ 3804
12	N2435	Rubber washer 8x3	Gummischeibe 8x3	1	
13	N2156	Plastic cable holder	Kunststoffkabelhalter	1	
14	N2170	Allen bolt M4	Inbusschraube M4	1	

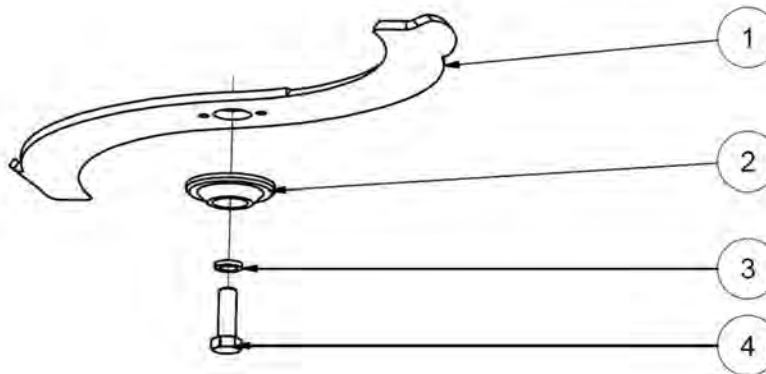
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2Z01K030	Belt tensioner	Riemenspanner	1	
2	N2654	Carriage bolt	Trägerschraube	1	
3	N869	Washer	Scheibe	1	
4	N914	Self locking nut M8	selbstsichernde Mutter M8	1	
5	2S01S220	Tensioner bracket 3	Spannerhalter 3	1	
6	N2612	Carriage bolt M10x30	Trägerschraube M10x30	2	
7	N855	Flange nut M10	Flanschmutter M10	2	
8	2S01S210	Tensioner bracket AL_8	Spannerhalter Al_8	1	
9	2Z01S271	Tensioner spacer 0,5	Distanzscheibe 0,5	1	
10	2Z01S270	Tensioner spacer 1	Distanzscheibe 1	1	

Mowing unit / Mähwerk

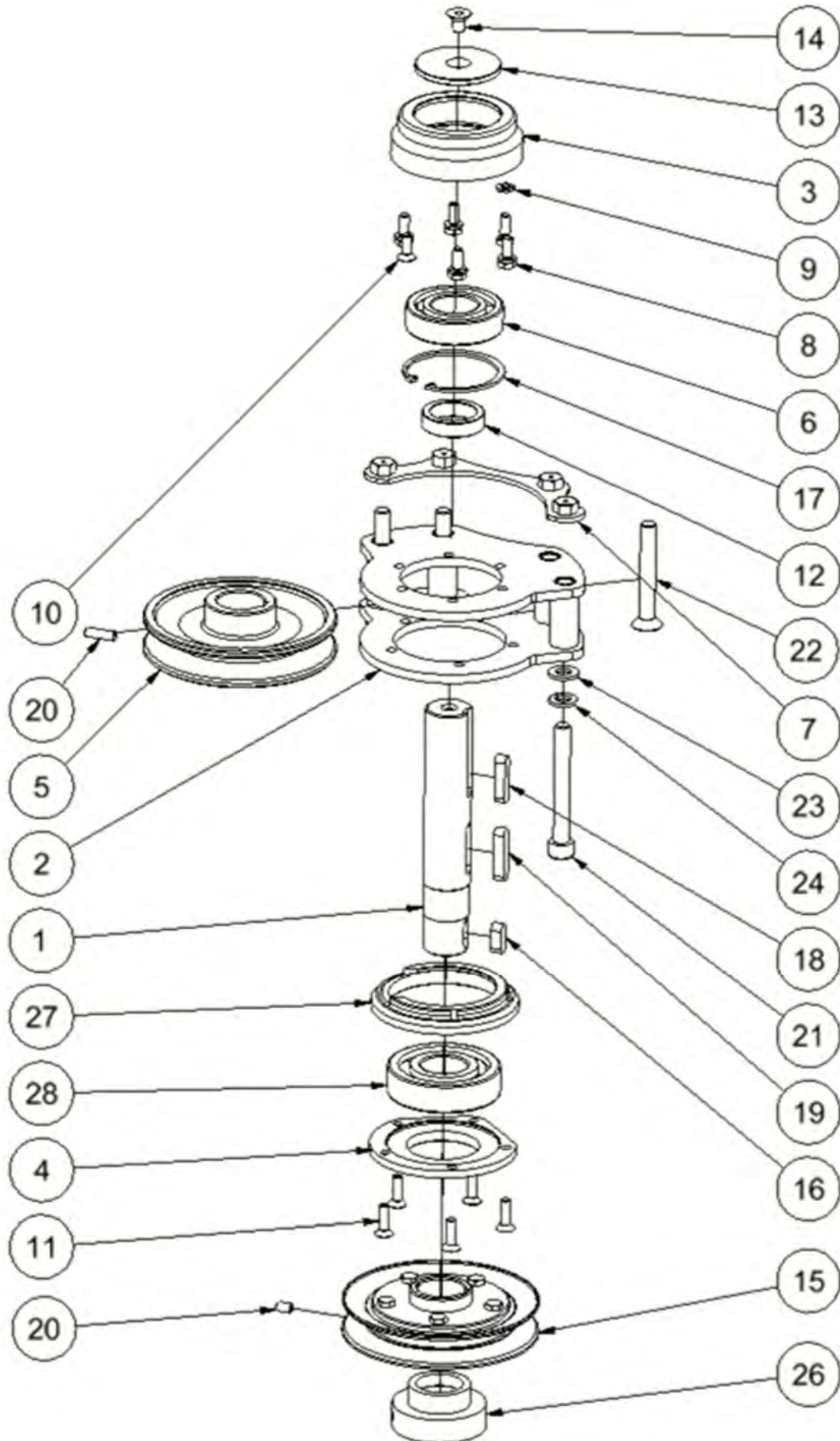
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2Z01S001	Driven bearing box 6306	Messerantriebslagerbox komp	1	
2	2Z03S001	Tensioner bearing box 6306	Spanner Lager 6306	3	
4	N1070	Parallel key 8x7x20	Paßfeder 8x7x20	4	
5	2Z01S100	Blade hub	Messernabe	4	
6a	2Z01S140	Blade 02 505	Messer 02-505	4	
6b	2Z01S143	Blade 02 curved	S-Messer	4	
7	2Z01S160	Blade washer	Messerscheibe	4	
8	N2143	Spring washer 12	Sprengtring 12	4	
9	N2014	Hex bolt M12/1,25x35	Sechskantschraube M12x1,25x35	4	
10	2Z03S011P	Lateral cover Right	Seitenabdeckung - rechts	1	
11	2Z03S011L	Lateral cover Left	Seitenabdeckung - links	1	
12	N826	Spring washer 8	Sprengtring 8	11	
13	N885	Hex bolt M8x20	Sechskantschraube M8x20	11	
14	2Z03S040	Rubber edge trim seal	Gummidichtung Keder	1	
15	2Z03S050	Rubber edge trim seal	Gummidichtung Keder	1	
16	2Z01S195	Bearing cover	Lagerdeckel	3	
17	2Z03K021K	Clutch cover II 02	Kupplungsdeckel II 02	1	
18	N966	Washer	Scheibe	2	
19	N2696	Self locking nut	selbstsichernde Mutter	3	
20	2Z03S031	Extender bolt M8	Verlängerungsbolzen M8	4	

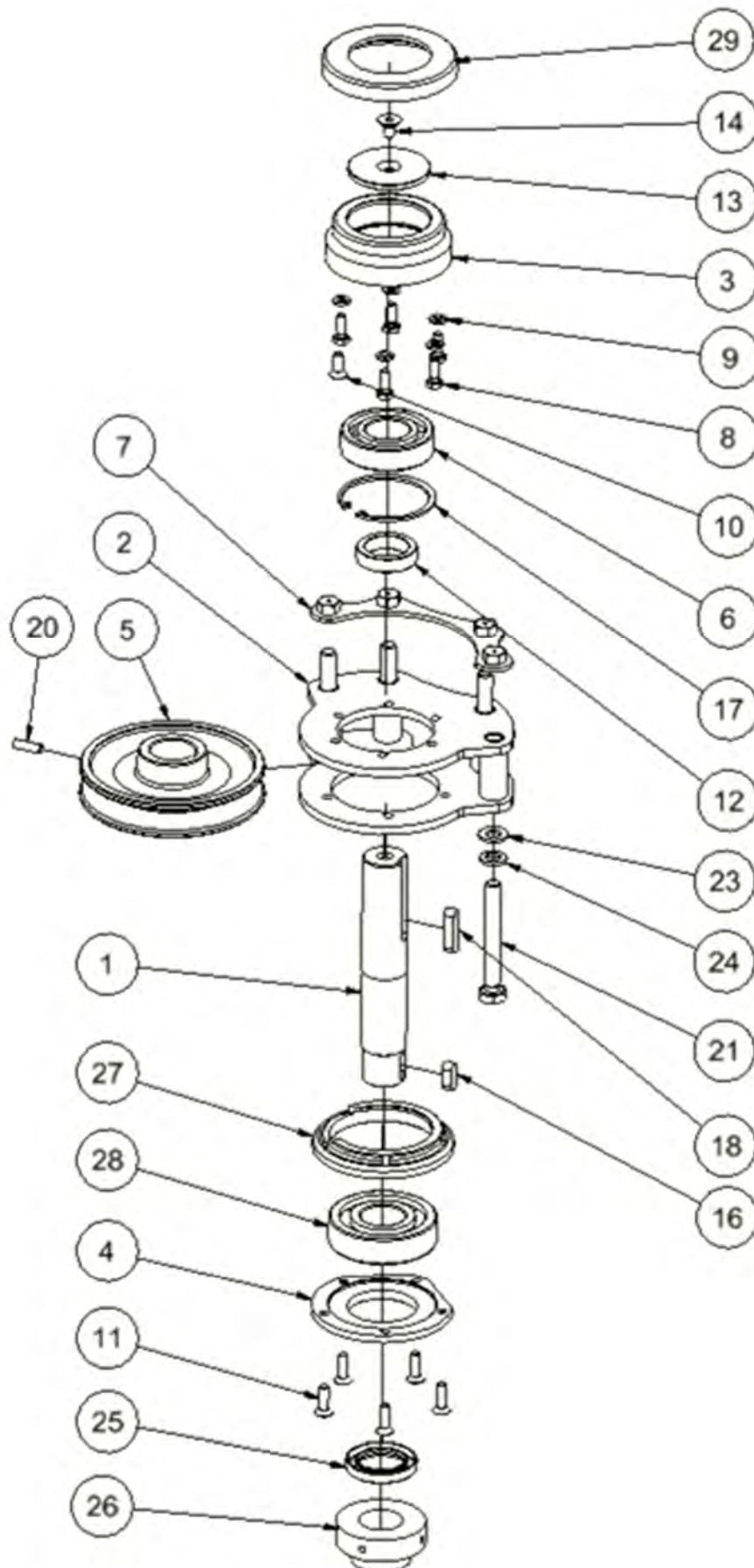
Blade set / Messerset - 2Z01K140

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2Z01S140	Blade 02-505	Messer 02-505	1	
2	2Z01S160	Blade washer	Messerscheibe	1	
3	N2143	Spring washer 12	Sprengtring 12	1	
4	N2014	Hex bolt M12x1,25x35	Sechskantschraube M12x1,25x35	1	

Blade set / Messerset - 2Z01K143

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	2Z01S143	Blade 02 – curved	Gebogene Klinge 02	1	
2	2Z01S160	Blade washer	Messerscheibe	1	
3	N2143	Spring washer 12	Sprengtring 12	1	
4	N2014	Hex bolt M12x1,25x35	Sechskantschraube M12x1,25x35	1	

Driving bearing box / Antriebslager (2Z01S001) A

Tightening bearing box / Spanner Lager (2Z03S001) B

Driving bearing box / Antriebslager (2Z01S001) A

Tightening bearing box / Spanner Lager (2Z03S001) B

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1A	2Z01S010	Driving shaft B	Messerwelle B	1	
1B	2Z01S020	Driven shaft A	Messerwelle A	1	
2	2Z01K011	Drive flange 6306	Flansch 6306	1	
3	2Z01S040	Bearing shell 6206 I	Lagerschale 6206 I	1	
4A	2Z01S210	Bearing shell 6306 II A	Lagerschale 6306 II A	1	
4B	2Z01S220	Bearing shell 6306 II B	Lagerschale 6306II B	1	
5	2Z01S071	Driven pulley SPB 118 30 6306	Riemenscheibe SPB 118-30	1	
6	N515	Bearing 6206 2RS	Kugellager 6206-2RS	1	
7	2Z01K090	Nut strap	Mutternplatte	1	
8	N2040	Bolt M6x16 hexagon head	Sechskantschraube M6X16	5	
9	N805	Spring washer 6	Sprengscheibe 6	5	
10	N912	Countersunk bolt M6x16	Senkkopfschraube M6x16	1	
11	N807A	Countersunk bolt TORX M6x20	Senkkopfschraube TORX M6x20	5	
12	2Z01S120	Spacing ring 40 30 v10	Abstandsring 40-30-v10	1	
13	2Z01S130	Shaft washer	Wellenscheibe	1	
14	N887	Countersunk bolt M8x20	Senkkopfschraube M8x20	1	
15A	2Z01S150	Driving pulley SPB 118 30	Riemenscheibe SPB 118-30	1	
15A	2S05S010.2	Outer shims only	Nur äußere Scheiben	2	
16	N1070	Parallel key 8x7x20	Paßfeder 8x7x20	1	
17	N877	Circlip internal 62	Sicherungsring innen 62	1	
18	N854	Parallel key 8x7x30	Paßfeder 8x7x30	1	
19A	N2101	Parallel key 8x7x35	Paßfeder 8x7x35	1	
20	N1073	Hexagon socket set screw M6x6	Sechskantschraube M6X6	2	
21A	N2157	Allen screw M10x80	Inbusschraube M10x80	2	
21B	N2039	Hex bolt M10x80	Sechskantschraube M10x80	4	
22A	N2037	Countersunk bolt M10x70	Senkkopfschraube M10x80	2	
23A	2Z01S240	Custom washer 20x10	Scheibe nach Maß 20x10	2	
23B	2Z01S240	Custom washer 20x10	Scheibe nach Maß 20x10	4	
24A	N845	Spring washer 10	Federscheibe 10	2	
24B	N845	Spring washer 10	Federscheibe 10	4	
25B	2Z01S080	Oil seal	Öldichtung	1	
26	2Z01S190	Labyrinth thread	Labyrinth-Dichtung	1	
27	2Z01S230	Bearing shell 6306 III	Lagerschale 6306 III	1	
28	N2367	Bearing 6306 2RS	Kugellager 6306 - 2RS	1	
29B	2Z01S200	Spacing ring 90/12	Abstandsring 90/12	1	

Note: Quantities apply to 1 bearing box, for the complete machine you need
1× 2Z01S001(A) and 3× 2Z03S001(B).

Number 29 Spacing ring is only used on the bearing box under the fuel tank.

Place labyrinths as shown on pictures.

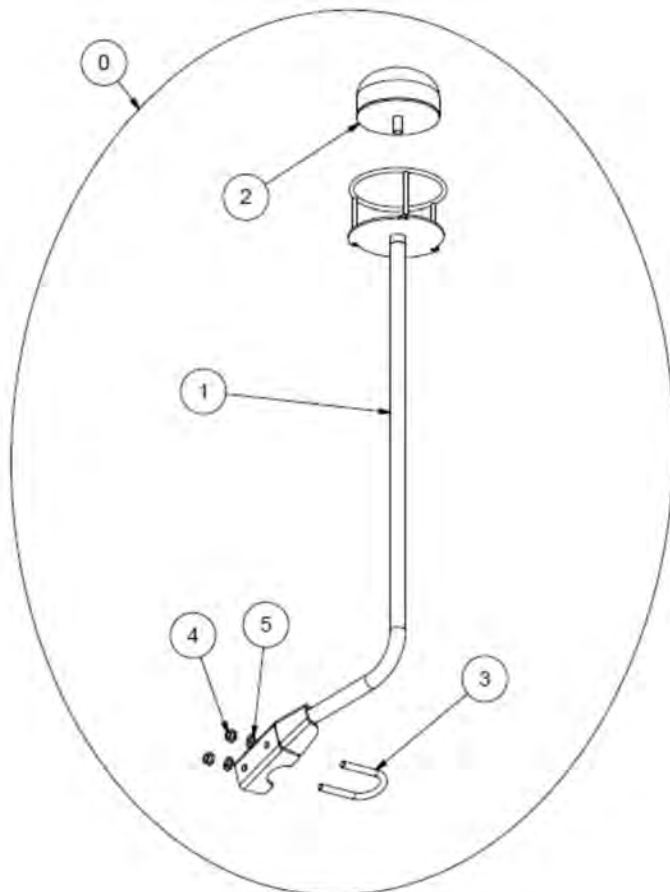
Hinweis: Mengenangaben gelten nur für 1 Lagerbox. Für die komplette Maschine,
Teile: 1 × 2Z01S001 (A) und 3 × 2Z03S001 (B) sind notwendig.
Nummer 29 (Abstandsring) wird nur am Lagerkasten unter dem Kraftstofftank
verwendet.
Platzieren Sie Labyrinth wie auf den Bildern gezeigt.

Beacon ILD02 / Warnlampe ILD02

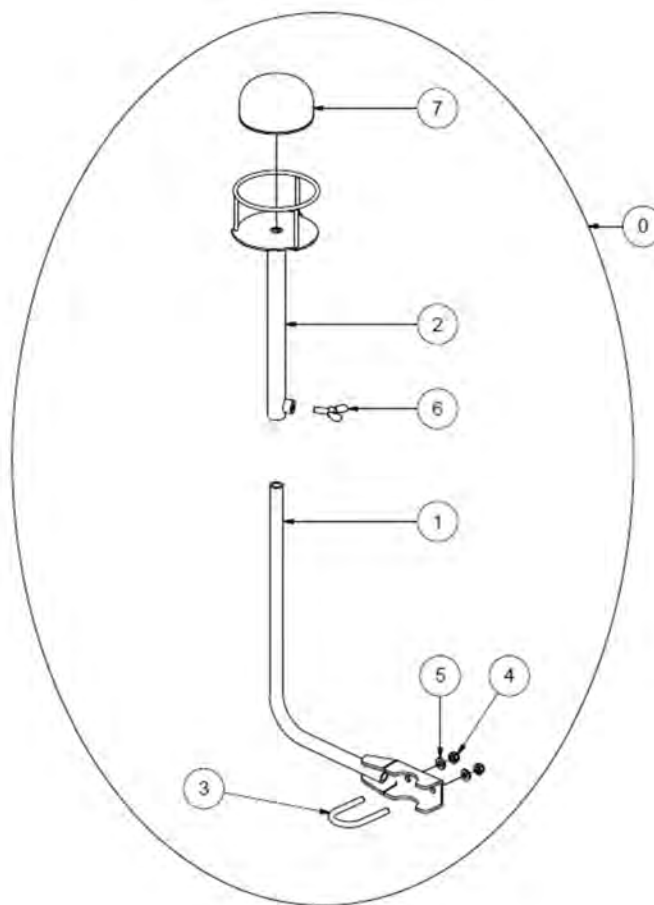
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	2B01K101	Beacon bracket 02 complete	Warnlampe-halter 02 - komplett	1	ILD02
1	2B01S011	Lamp bracket ILD02	Lampenhalterung ILD02	1	ILD02
2	1B01S020	Beacon orange	Leuchtfeuer - Orange	1	
3	2B01S030	Beacon clamp U profile	Leuchtfeuer Klemme - U-Profil	1	
4	N913	Self locking nut M6	Selbstsichernde Mutter M6	2	
5	N820	Washer M6	Sprengtring M6	2	
	2B01R000	Beacon ILD02 retrofitting	Warnlampe 02 zum Nachrüsten	1	

Beacon 2SGS / Warnlampe 2SGS

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
0	2B01K102	Beacon 2SGS complete	Warnlampe-halter 2SGS komplett	1	2SGS
1	2B01S040	Beacon bracket stirrup	Warnlampe - Bügel 2SGS	1	2SGS
2	2B01S050	Beacon bracket	Warnlampe-halter 2SGS	1	2SGS
3	2B01S030	Beacon clamp U profile	Leuchtfeuer Klemme - U-Profil	1	
4	N913	Bright Self locking nut M6	Selbstsichernde Mutter M6	2	
5	N820	Bright washer M6	Sprengtring M6	2	
6	N2589	Wing bolt M 6/16	Flügelschraube M6x16	1	
7	1B01S020	Beacon orange	Leuchtfeuer - Orange	1	

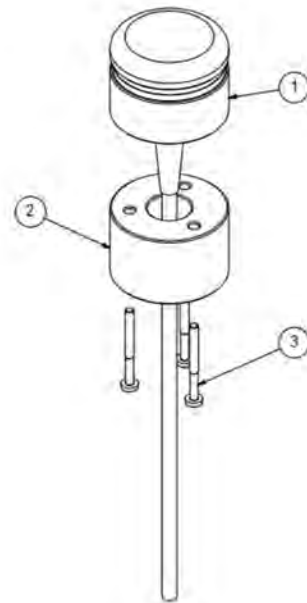


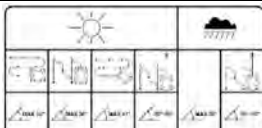
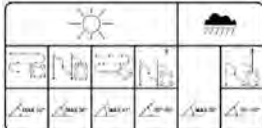
Beacon ILD02



Beacon 2SGS

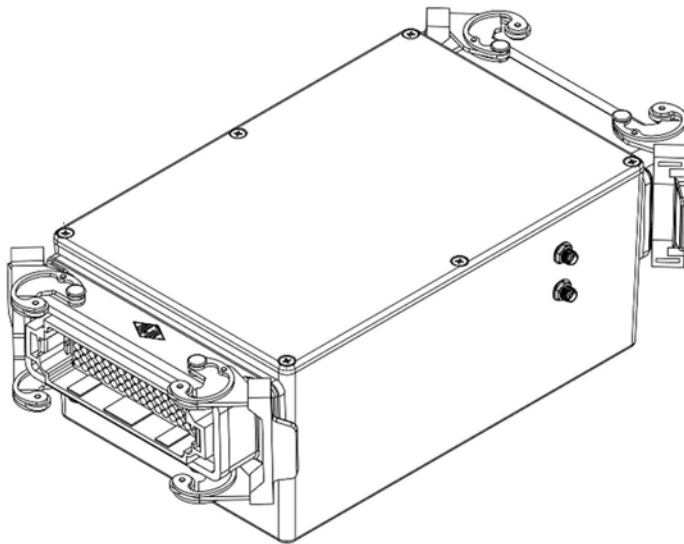
Beacon ILD02 EFI



2P118		
2P331		
2P330		
2P122		STD
2P122_EFI		EFI
2P339		STD
2P339_EFI		EFI
2P250		
2P251		
2P252		
2P253		

Others / Zubehör

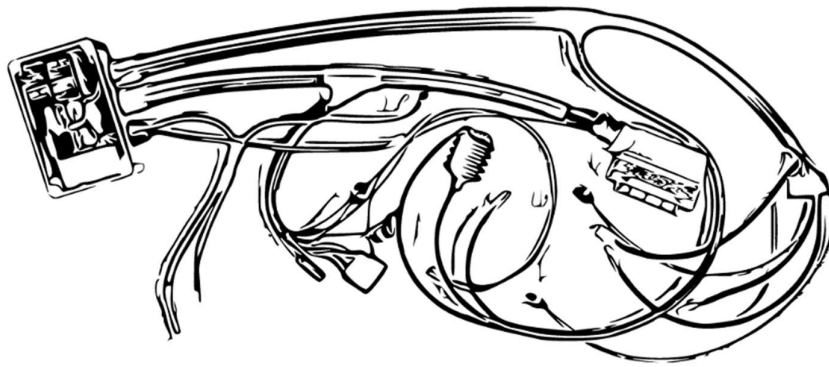
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	RP007	Protective tarp cover ILD02	Schutzplane- ILD02		
2	1S07S134	Gel battery charger	Gelbatterieladegerät		
3	NA01A	Drive up ramp 1500	Auffahrrampe 1500 mm		
4	NA02	Drive up ramp 2000	Auffahrrampe 2000 mm		
5	N9999.4	Mobilgrease	Mobil Fett		
6	N9999.6	Bolt adhesive	Schrauben Klebstoff		
7	N9999.7	Lubricant Mobilux EP 004	Schmiermittel Mobilux EP 004		
8	N9999.9	Chain spray INTERFLON FIN LUBE TF	Kettenspray INTERFLON FIN LUBE TF		
9	N9999.12	AC/DC adapter 230V/12V	AC-DC Adapter 230V/12V		
10	PR003	Suction bottle	Absaugflasche		
12	PR005	Grease gun	Fettpresse		



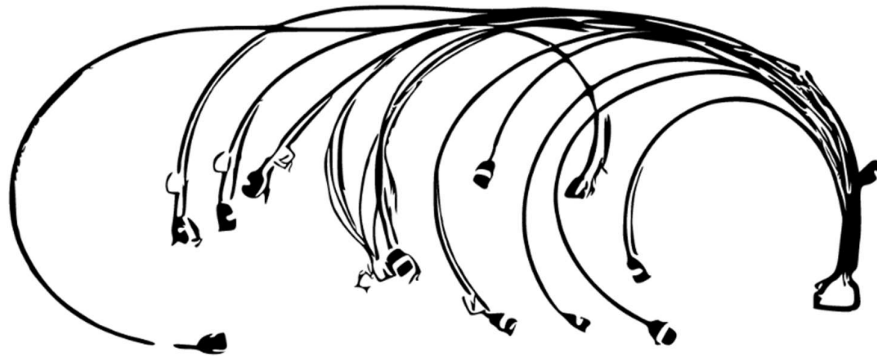
1) Central Control Unit with SIM Card, LTE module, W/O antennas

Cable Harness and Sensors and accessoires / Kabelbaum, Sensoren und Zubehör

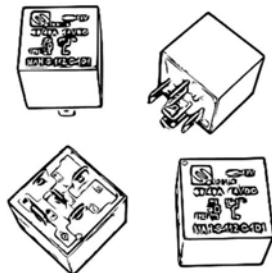
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	SAT-SA02-0004	Cable harness bottom - main	Kabelbaum unten - Hauptteil	1	
2	SAT-SA02-0005	Cable harness bottom - sensor	Kabelbaum unten - Sensor	1	
3	SAT-SA02-0015	Set of relays	Satz von Relais	1	
4	SAT-SA02-0016	Set of fuses	Satz von Sicherungen	1	
5	SAT-SA02-0014	Induction sensor	Induktionssensor	1	
6	SAT-SA02-0017	Absolute sensor	Absolutwertgeber	1	
7	SAT-SA02-0018	Fuel Sensor	Kraftstoffsensor	1	



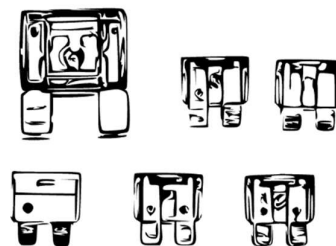
1) Cable harness bottom – main with main connector, Fuse box, W/O sensors



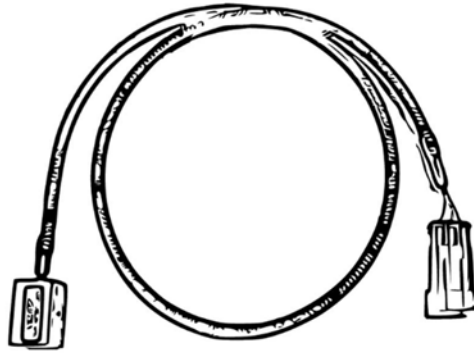
2) Cable harness bottom - sensor part with connectors, W/O sensors



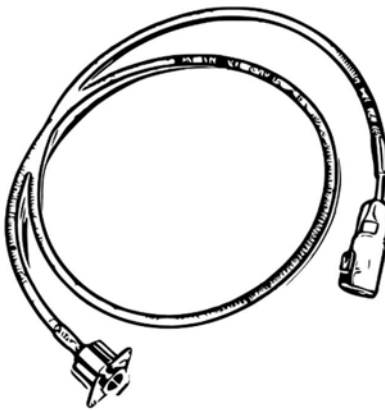
3) Set of relays power relays used in main fuse box



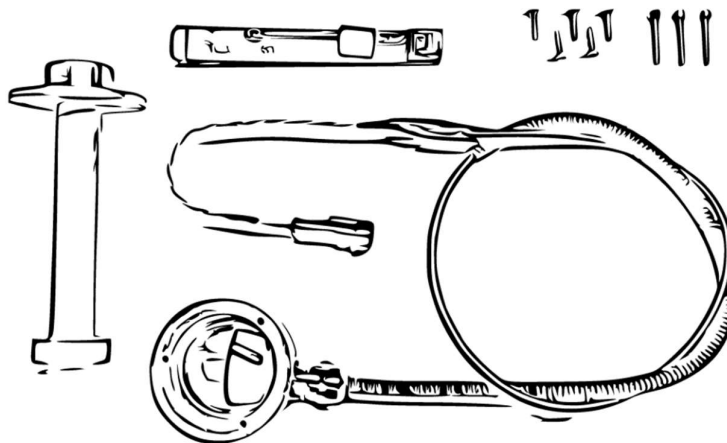
4) Set of fuses fuses used in main fuse box



5) Induction sensor for bumpers and knives with cable



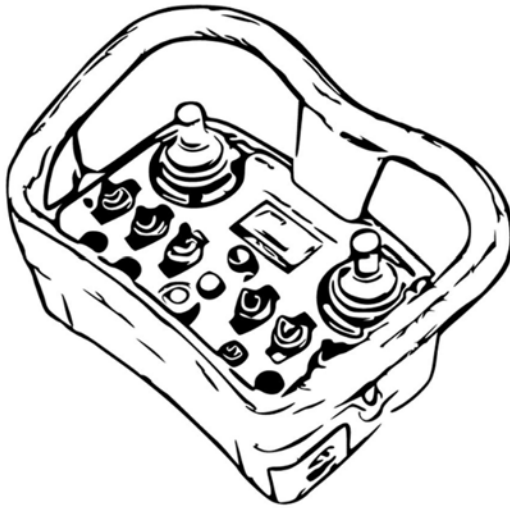
6) Absolute sensor turning angle with cable



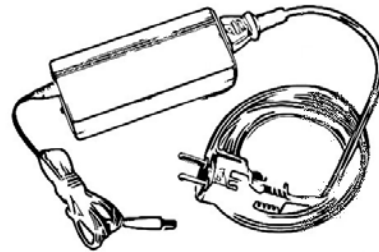
7) Fuel Sensor with cable (float chamber with float, detection circuit, top cover with cable and screws)

Remote Controller (RC) and Accessoires / Fernbedienung (RC) und Zubehör

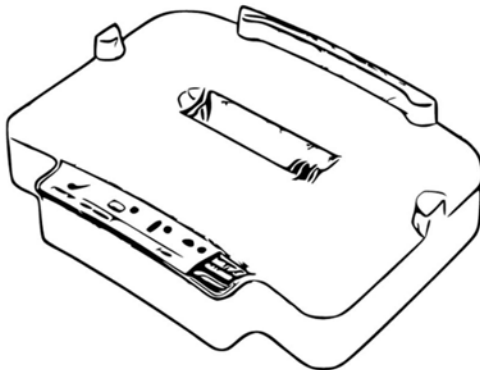
Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	SAT-SA02-0006	Remote Controller (RC)	Fernbedienung (RC)	1	
2	SAT-SA02-0007	Wire charger for RC	Kabelgebundenes Ladegerät für RC	1	
3	SAT-SA02-0008	Wireless charger for RC	Drahtloses Ladegerät für RC	1	
4	SAT-SA02-0009	Spare accu for RC	Ersatzakku für RC	1	



1) Remote Controller set, with belt, with battery



2) Wire charger for RC (AC Adapter Charger)



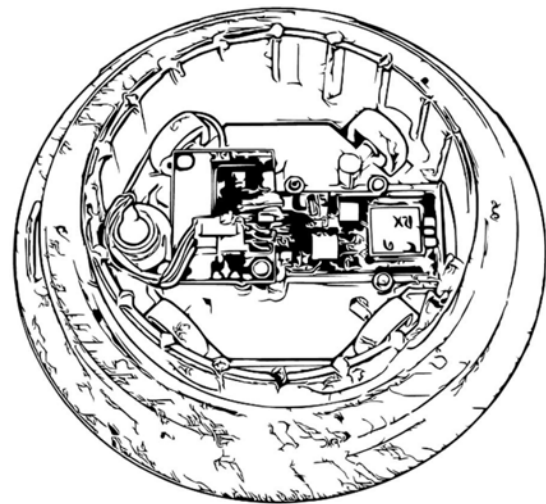
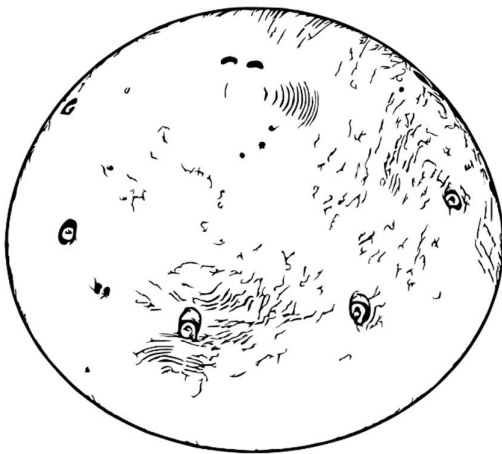
3) Wireless charger for RC (Wireless Charger Base)



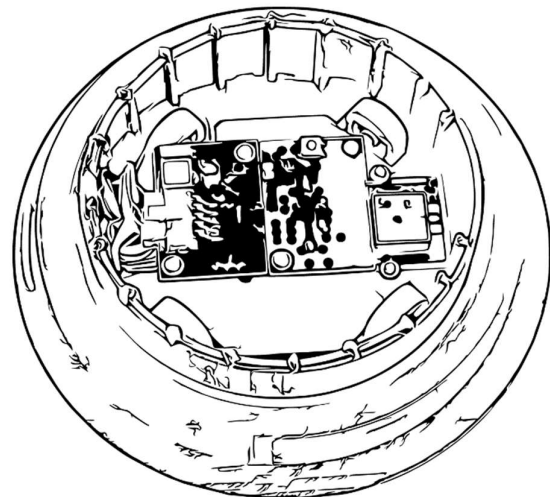
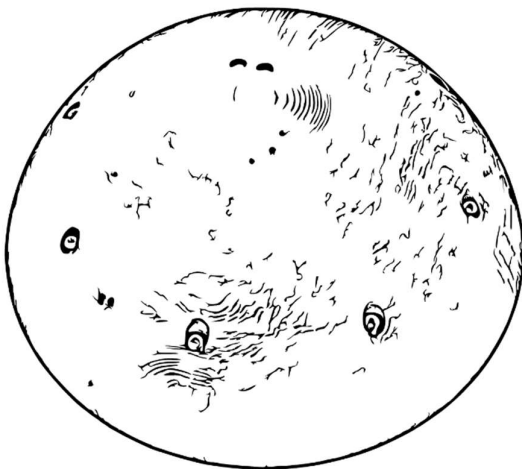
4) Spare accu for RC (Li-ion 3,7V, 2000mAh)

Top Cover and Accessoires / Deckel und Zubehör

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	SAT-SA02-0010	RTCM Copula assembly	RTCM Copula Montage	1	
2	SAT-SA02-0011	SOS Stop + BT Copula assembly	SOS Stop + BT Copula Montage	1	
3	SAT-SA02-0012	GPS Copula assembly	GPS Copula Montage	1	
4	SAT-SA02-0013	LTE antenna 2 x 4G LTE/3G/2G MIMO	LTE-Antenne 2 x 4G LTE/3G/2G MIMO	1	
5	SAT-SA02-0020	Set of GPS Copula silent blocks assembly	Satz von GPS Copula Silentblöcken Montage		
6	SAT-SA02-0021	Complete Top Cover	Kompletter Deckel	1	



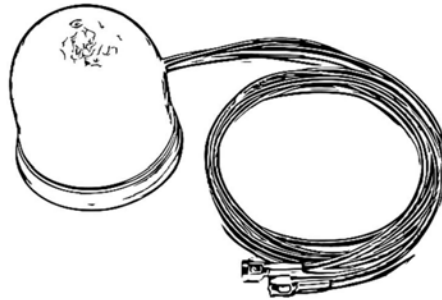
1) RTCM Copula assembly - Mower RTCM communication unit



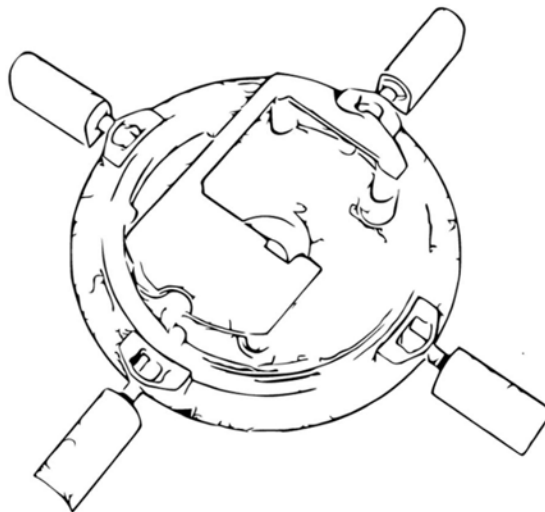
2) SOS Stop + BT Copula assembly - Mower long range Stop (SOS) unit



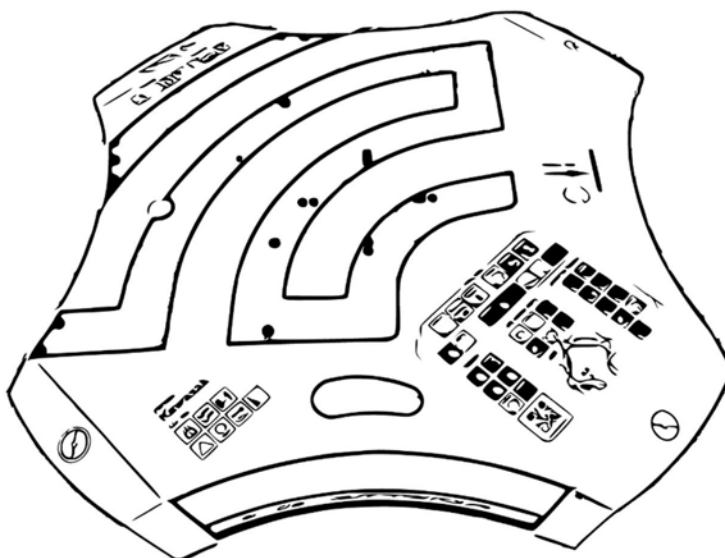
3) GPS Copula assembly - Mover GPS main GPS antenna unit



4) LTE antenna 2 x 4G LTE/3G/2G MIMO Ground Plane Dependent IP67 IK09 IP69K Antenna



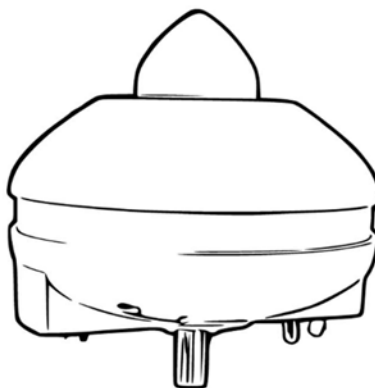
5) Set of GPS Copula silent blocks assembly - set of silent blocks with PCB holder



- 6) Co Top Cover Set with top cover cable harness and LED strip, without GPS/LTE antennas and without RTCM and Stop copulas

GNSS RTK correction station / GNSS RTK-Korrekturstation

Item. Art.	Part No. T.-Nr.	Description	Beschreibung	Pcs Stck	Note Hinweis
1	SAT-SA02-0019	GNSS RTK correction station	GNSS RTK-Korrekturstation	1	



- 1) GNSS RTK correction station, RTK unit - LTE, UHF