



## Electronic Service Manuals

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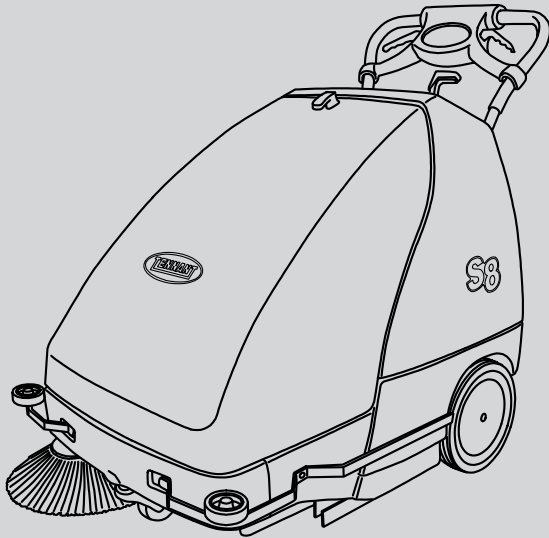
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# S8



**Battery Sweeper**  
**Motorkehrmaschine mit Batterieantrieb**  
**Motospazzatrice a batteria**  
**Balayeuse à batterie**

**Parts Manual**  
**Handbuch Der Ersatzteile**  
**Manuale Ricambi**  
**Mode Pieces Detachees**

Modello N.:  
MS85004  
MS85904 UK



9001269  
Rev. 02 (11-11)

TENNANT N.V.

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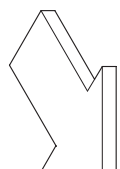
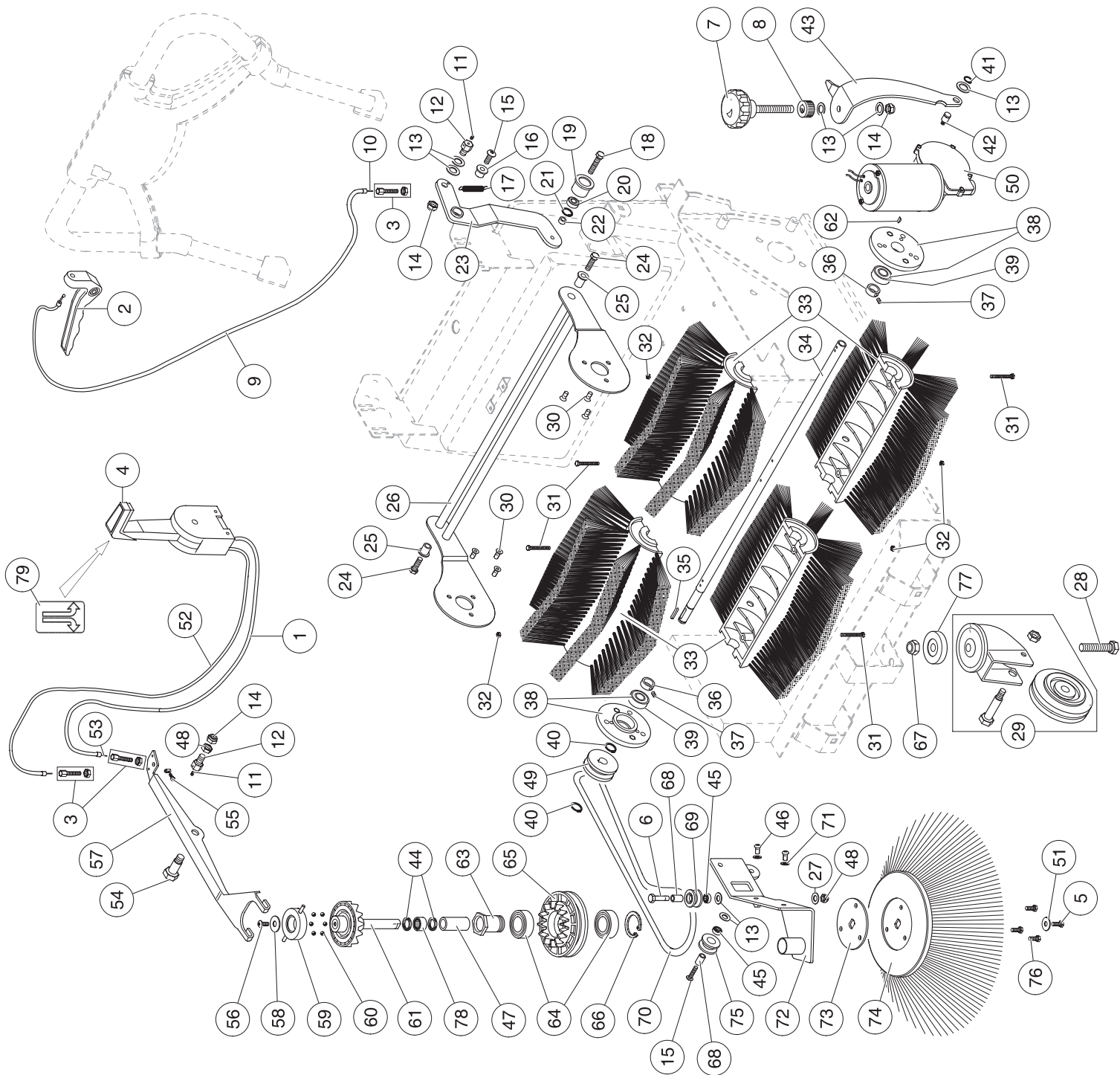




## CHASSIS GROUP:

Rif.	Code	Stock Item	N°	Description	Beschreibung	Descrizione	Description
1	9001087		1	Cover, Upper, Teal, EU	Obere Abdeckung, Teal, EU	Cofano Superiore, Teal, EU	Capot Supérieur, Teal, EU
	9001513		1	Cover, Upper, Teal, US w/ Warning Label	Obere Abdeckung, Teal, US mit Hinweischild	Cofano Superiore, Teal, US con etichetta avvertenze	Capot supérieur, Teal, US avec étiquette "Attention"
	9001517		1	Cover, Upper, Teal, JP w/ Warning Label	Obere Abdeckung, Teal, JP mit Hinweischild	Cofano Superiore, Teal, JP con etichetta avvertenze	Capot supérieur, Teal, JP avec étiquette "Attention"
	9002095		1	Cover, Upper, Gray, US w/ Warning Label	Obere Abdeckung, grau, US mit Hinweischild	Cofano Superiore, Grigio, US con etichetta avvertenze	Capot supérieur, Gris, US avec étiquette "Attention"
2	9001088		Screw, Fixing	Befestigungsmiete für obere Abdeckung	Borchia Fissaggio Cofano Superiore	Vis de fixation capot supérieur	
3	612612		Nut, Hex, M8	Arretiermutter M8	Dado Bloccante M8	Ecrrou bloquant M 8	
4	604215		Latch, Tek Locking	Schloss TEK	Serratura TEK	Serrure TEK	
5	9001089		Handle, Complete	Kompletter Griff	Maniglia Completa	Poignée complète	
6	604159		Washer, Flat, 6 X 24	Flache Unterlegscheibe 6x24	Rondella Piana 6x24	Rondelle plate 6x24	
7	9001092		Screw, Hex, M6 X 1.0 X 19, Flg	Blechschrabe M6,3 X19	Vite Autoflettante M6,3 X19	Vis autotaraudeuse M6,3 x19	
8	9001093		Hopper, Front	Vorderer Auszug AF	Cassetto Anteriore AF	Bac avant AF	
9	9001094		Screw 6x16	Schraube 6x16	Vite 6x16	Vis 6X16	
10	9001095		1	Cover, Front, Teal	Vordere Abdeckung, Teal	Cofano Anteriore, Teal	Capot Frontal, Teal
	9002094		1	Cover, Front, Gray	Vordere Abdeckung, Gray	Cofano Anteriore, Grigio	Capot Frontal, Grigio
11	9001096		Hopper, Rear	Hinterer Auszug	Cassetto Posteriore	Bac arrière	
12	9001097		Bracket, Panel, Control	Armaturenbrett	Cruscotto	Tableau de bord	
13	604221		1	Gasket Reinforced	Dichtung für hinteren Auszug	Guarnizione Cassetto Posteriore	Joint bac arrière
14	604225		12	Screw, Btn, M8 X 1.25 X 16	Schraube 8 X 16	Vite 8 X 16	Vis 8x16
15	604087		4	Nut, M6 X 1.0	Käfigmutter	Dado Ingabbaiato	Ecrrou cage
16	9001099		1	Frame, Mach [S8]	Rahmen TRAIL 520 ET	Telaio TRAIL 520 ET	Châssis TRAIL 520 ET
17	604154		8	Screw, Btn, M8X10	Schraube 8 X 10	Vite 8 X 10	Vis 8x10
18	9001100		1	Fender, Rh	Seitliche Verkleidung rechts	Carter Laterale DX	Capot latéral droit
19	9001101		1	Fender, Lh	Seitliche Verkleidung links	Carter Laterale SX	Capot latéral gauche
20	9001102		1	Bumper, Front	Vorderer Aufprallschutz	Paraurti Frontale	Capot frontal
21	604227		2	Foot, 20X9 / M6X18	Fuß 20X9 M6X18	Piedino 20X9 M6X18	Pied 20X9 M6X18
22	604226		4	Nut, Hex, M6 X 1.0	Mutter M6	Dado M6	Ecrrou M6
23	9001462		1	Bracket, Support, Hinge Dx	Halterung Scharnier rechts	Supporto Cerniera DX	Support charnière droite
24	9001465		1	Bracket, Support, Hinge Sx	Halterung Scharnier links	Supporto Cerniera SX	Support charnière gauche
25	9001105		1	Cable, Cover	Kabel	Cavo	Câble
26	9001106		1	Housing, Ele	Abdeckung Armaturenbrett	Carter Cruscotto	Capot tableau de bord
27	9001107		4	Clip, Spring	Feder	Molla Prestola	Ressor clip
28	15678		4	Screw, Hex, M6 X 1.0 X 16, Ss	Schraube 6X16	Vite 6X16	Vis 6X16
29	9001108		4	Screw, Hex, M8 X 1.25 X 16	Schraube 8X16	Vite 8X16	Vis 8X16
30	9001109		2	Screw, Btn, M6 X 1.0 X 35, Te Fr	Schraube 6X35	Vite 6X35	Vis 6X35
31	9001110		1	Handle, Set	Griffrohre	Tubi Manico	Tubes Poignée
32	9001111		1	Housing, Cable, Handle	Abdeckung Fahrgriff	Carter Maniglia Trazione	Capot Poignée traction
33	9001112		1	Assy, Housing, Handle	Fahrgriff komplett	Maniglia Trazione Completa AF	Poignée Traction Complète
34	612614		2	Roller Side Bumper	Rad Ø 150 grau/schwarz	Ruota Ø 150 Grigia/Nera	Roue Ø 150 grise/noire

<b>35</b>	<b>612616</b>	<b>1</b>	Bracket, Bumper Right		Seitlicher Aufprallschutz rechts	Paracolpi Laterale DX	Pare-chocs latéral droit
<b>36</b>	<b>612615</b>	<b>1</b>	Bracket Bumper Left		Seitlicher Aufprallschutz links	Paracolpi Laterale SX	Pare-chocs latéral gauche
<b>37</b>	<b>9001098</b>	<b>1</b>	Nut		Mutter M8	Dado M8	Ecrou M8
<b>38</b>	<b>612613</b>	<b>2</b>	Ring Outter Snap Dia. 8		Seegerring außen Ø 8	Seeger esterno Ø 8	Bague Seeger extérieure Ø 8
<b>39</b>	<b>604162</b>	<b>2</b>	Screw, Hex, M8 X 1.25 X 22		Schraube 8X22	Vite 8X22	Vis 8x22
<b>40</b>	<b>604086</b>	<b>2</b>	Washer, Flat, 6 X 12		Unterlegscheibe 6X12	Rondella 6X12	Rondelle 6x12
<b>41</b>	<b>604087</b>	<b>2</b>	Nut, Block, M6 X 1.0		Arretiermutter M6	Dado Bloccante M6	Ecrou bloquant M6
<b>42</b>	<b>1021146</b>	<b>1</b>	Label, Logo, Tennant, Oval, 102L Wht		Beschilderung "Tennant"	Etichetta "Tennant"	Etiquette "Tennant"
<b>43</b>	<b>1026414</b>	<b>1</b>	Label, Warning, Na		Beschilderung "Warning" US	Etichetta "Warning" US	Etiquette "Attention" US
	<b>1021149</b>	<b>1</b>	Label, Warning, Jp		Beschilderung "Warning" JP	Etichetta "Warning" JP	Etiquette "Attention" JP
<b>44</b>	<b>1021147</b>	<b>2</b>	Label, Model, [S8]		Beschilderung "S8"	Etichetta "S8"	Etiquette "S8"
<b>45</b>	<b>1022607</b>	<b>1</b>	Label, Control, Oval, Flap & Propel		Beschilderung	Etichetta	Etiquette
<b>46</b>	<b>9001471</b>	<b>2</b>	Grommet, Tube		Kabeldurchgang	Passacavo	Passé-câble
<b>47</b>	<b>9001472</b>	<b>1</b>	Grommet		Kabeldurchgang	Passacavo	Passé-câble
<b>48</b>	<b>604114</b>	<b>4</b>	Washer, Flat, 8 X 17		Unterlegscheibe 8X17	Rondella 8X17	Rondelle 8x17
<b>49</b>	<b>9001476</b>	<b>4</b>	Washer, Plastic		Unterlegscheibe, Kunststoff	Rondella, Plastica	Rondelle, Plastique
<b>50</b>	<b>9001478</b>	<b>4</b>	Screw, Tisce 6X30		Schraube 6X30	Vite 6X30	Vis 6X30
<b>51</b>	<b>9001463</b>	<b>1</b>	Bracket, Appendix, Hinge Dx		Scharnierfortsatz rechts	Appendice Cerniera DX	Appendice charnière droite
<b>52</b>	<b>9001481</b>	<b>1</b>	Screw, Tb Ce 6X25		Schraube 6X25	Vite 6X25	Vis 6X25
<b>53</b>	<b>9001464</b>	<b>2</b>	Bracket, Hinge, Dx / Sx		Scharnier rechts/links	Cerniera DX/SX	Charnière droite/gauche
<b>54</b>	<b>9001466</b>	<b>1</b>	Bracket, Appendix, Hinge Sx		Scharnierfortsatz links	Appendice Cerniera SX	Appendice charnière gauche
<b>55</b>	<b>9001480</b>	<b>4</b>	Screw, Te Fr 6X10		Schraube 6X10	Vite 6X10	Vis 6X10



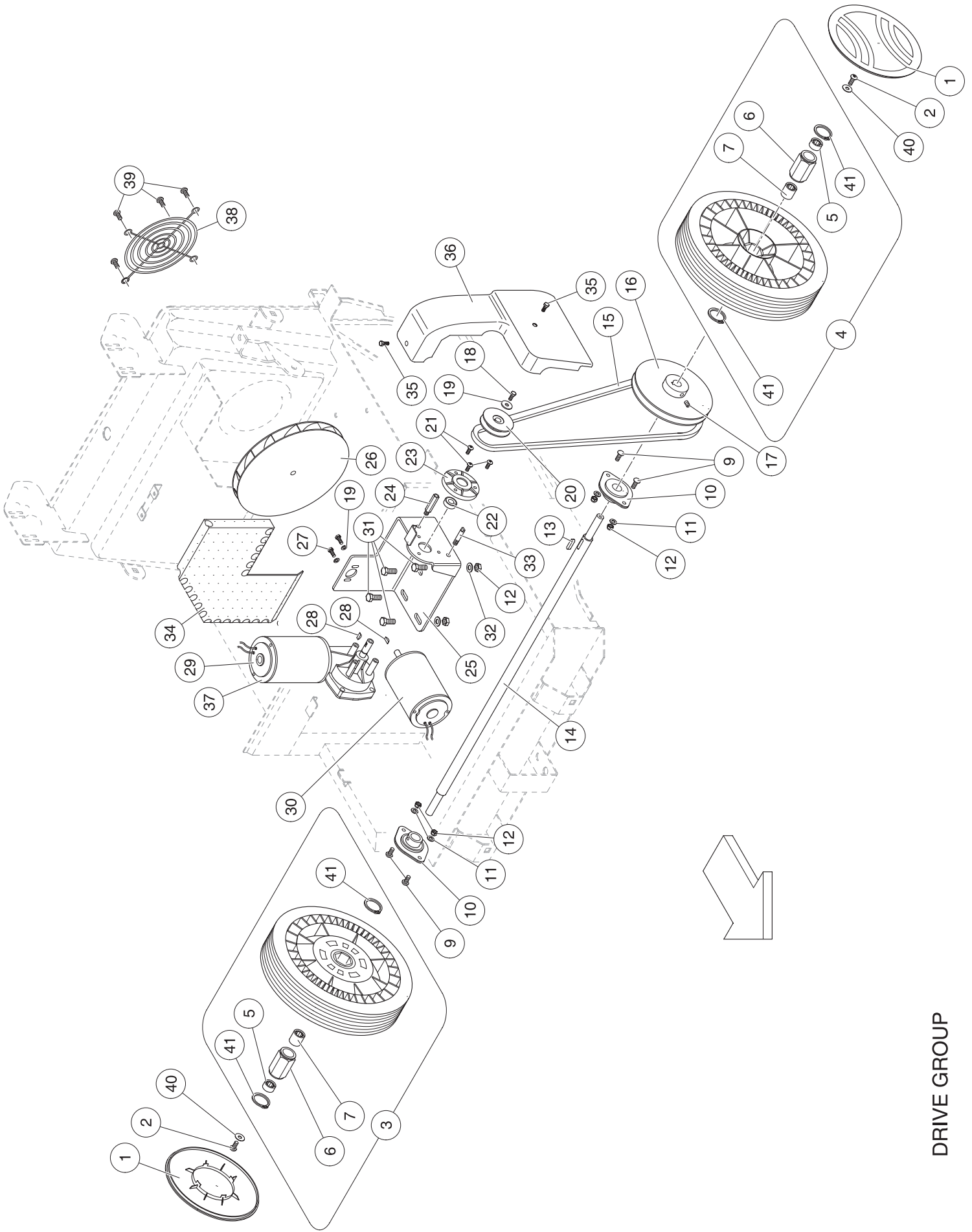
BRUSH GROUP

## BRUSH GROUP:

Rif.	Code	Stock Item	N°	Description	Beschreibung	Descrizione	Description
1	9001113		1	Sheathing, Side Brush	Hülle für Kabel zum Anheben des Seitenbesens	Guaina Alzaspazzola Laterale	Gaina lève-balai latéral
2	9001112		1	Assy, Housing, Handle	Fahrgrieff komplett	Maniglia Trazione Completa AF	Poignée Traction Complète
3	604105		3	Adjuster, Cable, Turned 07	Gedrehter Regler Ø 7	Registro Tornito Ø 7	Boulon de réglage Ø 7
4	603350		1	Lever, Side Brush Drive	Hebel, Seitliche Bürste	Leva, spazzola laterale	Levier, brosse latérale
5	15678		1	Screw, Hex, M6 X 1.0 X 16, Ss	Schraube 6x16	Vite 6X16	Vis 6x16
6	604116		3	Screw, Hex, M8 X 1.25 X 25	Schraube 8x25	Vite 8X25	Vis 8x25
7	604108		1	Handwheel, 60Mm D, M12 X 67	Handrad Ø 60 12x67	Volantino Ø60 M12x67	Molette Ø 60 M12x67
8	604109		1	Nut, Ring, Knurl, 40Mm D X M12	Rändelnut Mutter Ø 40 M12	Ghiera Zigrinata Ø 40 M12	Bague moletée Ø 40 M12
9	9006176		1	Sheath Drive Cable 1149mm/45.25"	Hülle für Antriebskabel 1149mm/45.25"	Guaina Cavo Trazione 1149mm/45.25"	Gaina câble traction 1149mm/45.25"
10	9006175	•	1	Cable Drive 1334mm/52.5"	Antriebskabel 1334mm/52.5"	Cavo Trazione 1334mm/52.5"	Câble traction 1334mm/52.5"
11	604112		2	Screw, Set, M5 X 0.8 X 6, Soc	Madenschraube 5x6	Grano 5X6	Vis d'arrêt 5x6
12	604113		2	Screw, Wire Fixing	Schraube CH 17 h 28 zur Kabelbefestigung	Vite CH 17 h 28 Fissaggio Filo	Vis CH 17 h 28 fixation câble
13	604114		7	Washer, Flat, 8 X 17	Unterlegscheibe 8x17	Rondella 8X17	Rondelle 8x17
14	604115		3	Nut, Block, M8 X 1.25	Arretiermutter M 8	Dado Bloccante M8	Ecrou bloquant M 8
15	39277		3	Screw, Hex, M8 X 1.25 X 25	Schraube 8x25	Vite 8X25	Vis 8x25
16	604117		1	Bushing, Lever-Belt Tightner	Buchse für Riemen Spannhebel	Boccola Leva Tendicinghia	Douille levier tendeur de courroie
17	604118		1	Spring, Extn, Traction	Zugfeder	Molla Trazione	Ressort traction
18	604119		1	Screw, Belt Tightener Roller	Arretierschraube Riemen spannrulle	Vite Bloccaggio Rullo Tendicinghia	Vis de blocage tend. de courroie
19	604120		1	Roller, Belt Tightener H15	Riemen spannrulle h15	Rullo Tendicinghia h15	Rouleau tendeur de courroie h15
20	604121		1	Bearing, Ball, 608 2RS	Kugellager 608 2RS	Cuscinetto 608 2RS	Palier 608 2RS
21	604122		1	Ring, Retaining, 22Mm D, Inner Snap	Seegering innen Ø 22	Seeger Interno Ø 22	Bague Seeger intérieure Ø 22
22	604123		1	Spacer	Abstandhalter Ø 12h 3,5	Distanziale Ø12 h 3,5	Entretoise Ø12 h 3,5
23	604124		1	Bracket, Belt Tightening	Riemen spannbügel	Staffa Tendicinghia	Bride tendeur de courroie
24	604125		2	Screw, Btn, M8	Bolzen für Kipphebel	Perno Per Bilancere	Goujon pour culbuteur
25	604126		2	Bushing, Rocker	Buchse für Kipphebel	Boccola Per Bilancere	Douille culbuteur
26	604127		1	Rocker	Kipphebel	Bilancere	Culbuteur
27	9001115		2	Washer, Flat, 8 X 14	Unterlegscheibe 8x14	Rondella 8X14	Rondelle 8x14
28	9001116		1	Screw, Hex, M12 X 60	Sechskantschraube 12x60	Vite TE 12X60	Vis TE 12x60
29	604130		1	Wheel, Caster, 100mm D, Gray	Graues Rad Ø 100 Drehlager	Ruota Grigia Ø 100 Supporto Girevole	Roue grise Ø100 support pivotant
30	1016421		6	Screw, Flt, M6 X 1.0 X 20, SS	Schraube 6x20	Vite 6X20	Vis 6x20
31	604140		4	Screw, Soc, M5 X .8 X 70	Schraube 5x70	Vite 5X70	Vis 5x70
32	604141		4	Nut, Sq, M5 X .8	Mutter M5	Dado M5	Ecrou M5
	9001646	•	1	Brush, Main, BLK/WHT/BRASS, (Std)	Hauptkehrwalze	Spazzola Centrale	Balai central
33	604625	•	1	Brush, Main, BLK/BRASS, Heavy Duty (Opt)	Hauptkehrwalze	Spazzola Centrale	Balai central
	604624	•	1	Brush, Main, WHT Stiff (Opt)	Hauptkehrwalze	Spazzola Centrale	Balai central
34	604142		1	Shaft, Brush	Welle Hauptkehrwalze	Albero Spazzola Centrale	Arbre balai
35	604143		1	Key, Sq, 5 X 5 X 15	Keil 5X5X15	Chiavetta 5X5X15	Clavette 5X5X15
36	604144		2	Spacer Brush Shaft	Abstandhalter Welle Hauptkehrwalze	Distanziale Albero Spazzola	Entretoise arbre balai

37	604145	2	Screw, Set, M6 X 1.0 X 5	Madenschraube 6x5	Grano 6X5	Vis d'arrêt 6x5
38	612637	2	Support, w/bearing	Haltering mit Kugellager	Supporto con Cuscinetto Ø 80	Support roulement
39	604147	2	Bearing, Ball, 6202 2RS	Kugellager 6202 2RS	Cuscinetto 6202 2RS	Palier 6202 2RS
40	604148	3	Ring, Retaining, 15Mm D, Outer Snap	Seegerring außen Ø 15	Seeger Esterno Ø 15	Bague Seeger extérieure Ø 15
41	604149	1	Ring, Retaining, 12Mm D, Outer Snap	Seegerring außen Ø 12	Seeger Esterno Ø 12	Bague Seeger extérieure Ø 12
42	604150	1	Pin, Pivot, Brush Adj	Befestigungsbolzen Einstellung Hauptkehrwalze	Perno Fissaggio Regolazione Spazzola	Goujon fixation réglage balai
43	604151	1	Bracket, Brush Adj	Bügel Einstellung Hauptkehrwalze	Staffa Regolazione Spazzola Centrale	Bride réglage balai centrale
44	604152	2	Washer, Side Brush Arm, Felt	Filzscheibe für Seitenarm	Rondella In Feltro Per Braccio Laterale	Rondelle feutre pour bras latéral
45	604153	2	Bearing, Ball, HK 1012	Kugellager HK 1012	Cuscinetto HK 1012	Palier HK 1012
46	604154	2	Screw, Hex, M8 X 1.25 X 10	Schraube 8x10	Vite 8X10	Vis 8x10
47	604155	1	Spacer, Side Brush Shaft	Abstandhalter Welle Seitenbesen	Distanziale Albero Spazzola Laterale	Entretoise arbre balai latéral
48	612612	2	Nut, Hex, M8	Mutter M8	Dado M8	Ecrou M8
49	604157	1	Pulley, Drive	Riemenscheibe für Seitenbesen	Puleggia Spazzola Laterale	Poulie balai latéral
50	603338	1	Motor, Sweeper, w/ Gearbox EU	Getriebemotor Ø77 EU	Motoriduttore Ø 77 EU	Motoréducteur Ø77 EU
51	612629	1	Gear, Motor (for motor 603338)	Getriebe, Motor (für Motor 603338)	Ingranaggio Motore (per motore 603338)	Engrenage moteur (pour moteur 603338)
52	604158	1	Motor, Ele, Brush w/Gearbox US/JP	Untersetzungsgetriebe Ø77 BIG US/JP	Motoriduttore Ø 77 BIG US/JP	Motoréducteur Ø77 BIG US/JP
53	612644	1	Gear, Motor (for motor 604158)	Getriebe, Motor (für Motor 604158)	Ingranaggio Motore (per motore 604158)	Engrenage moteur (pour moteur 604158)
54	604159	1	Washer, Flat, 6 X 24	Unterlegscheibe 6x24	Rondella 6X24	Rondelle 6x24
55	9001121	1	Cover, Cable, Side Brush	Hülle für Seitenbesen	Guaina Spazzola Laterale	Gaine balai latéral
56	9001122	•	Cable, Side Brush Lifting	Kabel zum Anheben des Seitenbesens	Cavo Alzaspazzola Laterale	Câble lève-balai latéral
57	604160	1	Bolt, Shld, 17Mm X 34Mm	Bolzen CH17 h 34	Perno CH17 h 34	Goujon CH 17 h 34
58	604161	1	Clamp 07	Klemme 07	Morsetto Ø 7	Boulon de blocage Ø7
59	604162	1	Screw, Hex, M8 X 1.25 X 22	Schraube 8x22	Vite 8X22	Vis 8x22
60	604163	1	Lever, Side Brush Lift	Hebel zum Anheben des Seitenbesens	Leva Sollevamento Spazzola Laterale	Levier soulèvement balai latéral
61	604164	1	Washer, Flat, 8 X 32	Unterlegscheibe 8x32	Rondella 8X32	Rondelle 8x32
62	604165	1	Ring, Side Brush Bearing	Lagerring für Seitenbesen	Anello Cuscinetto Spazzola Laterale	Bague palier balai latéral
63	604166	6	Bearing, Ball, 11/32"	Kugeln 11/32"	Sfera 11/32"	Billes 11/32"
64	604167	1	Ring, Side Brush Toothed	Zahnring zum Antrieb des Seitenbesens	Anello dentato movimento spaz. later.	Couronne dentée mouvement balai latéral
65	604103	1	Key, Sq, 3 X 3 X 3.7	Keil 3X3,7	Chiavetta 3x3,7	Clé 3X3,7
66	604169	1	Bushing, Bearing	Lagerbuchse	Boccola portacuscine	Douille porte-paliers
67	604170	2	Bearing, Ball, 6005 2RS	Kugellager 6005 2RS	Cuscinetto 6005 2RS	Palier 6005 2RS
68	604171	1	Ring, Idler, Toothed	Loser Zahnring	Anello dentato folle	Couronne dentée folle
69	604172	1	Ring, Retaining, 25Mm D, Outer Snap	Seegerring außen Ø 25	Seeger esterno Ø 25	Bague Seeger externe Ø 25
70	604173	1	Nut, Block, M12	Arretiermutter M 12	Dado bloccante M 12	Ecrou bloquant M 12
71	604174	2	Spacer	Abstandhalter Ø 10 h 15,6	Distanziale Ø 10 h 15,6	Entretoise Ø 10 h 15,6
72	604175	1	Pulley, Idler, 27D X 15	Riemenscheibe Ø 27X15	Puleggia Ø 27X15	Poulie Ø 27X15
73	612641	•	Belt, Brush, Side	Riemen Ø 8 x 1000	Cinghia Ø 8 Sv. 1000	Courroie 8 Sv. 1000
74	604176	2	Washer, Flat, 8 X 24	Unterlegscheibe 8x24	Rondella 8X24	Rondelle 8x24
75	604177	1	Support, Side Brush	Haltering für Seitenbesen	Supporto spazzola laterale	Support balai latéral
76	603337	1	Flange, Side Brush, Drag	Mitnehmerflansch für Seitenbesen	Flangia trascinamento spazzola later.	Flasque entraînement balai latéral
77	604626	•	Brush, Side (Std)	Seitenbesen (Std)	Spazzola laterale (Std)	Balai latéral (Std)
78	604179	1	Brush, Side, Stiff (Opt)	Seitenbesen (Opt)	Spazzola laterale (Opt)	Balai latéral (Opt)
79	604180	3	Pulley, Idler, 30D X 15	Riemenscheibe Ø 30X15	Puleggia Ø 30 x 15	Poulie Ø 30X15
80	604180	3	Screw, Hex, M6 X 1.0 X 10, Flg	Schraube 6x10	Vite, 6x10	Vis 6x10
81	612642	1	Spacer, 16Mm Thick US, JP	Abstandhalter h 16	Distanziale h. 16	Entretoise h. 16
82	9001123	1	Spacer, 10Mm Thick EU	Abstandhalter h 10	Distanziale h. 10	Entretoise h. 10

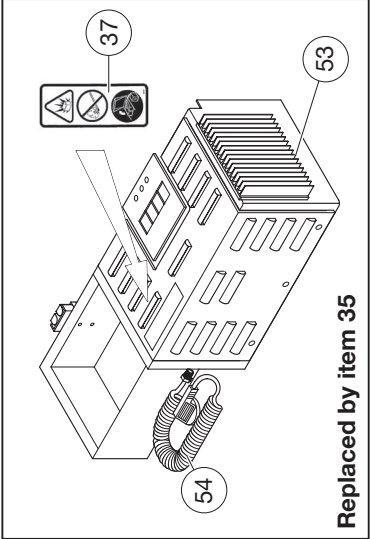
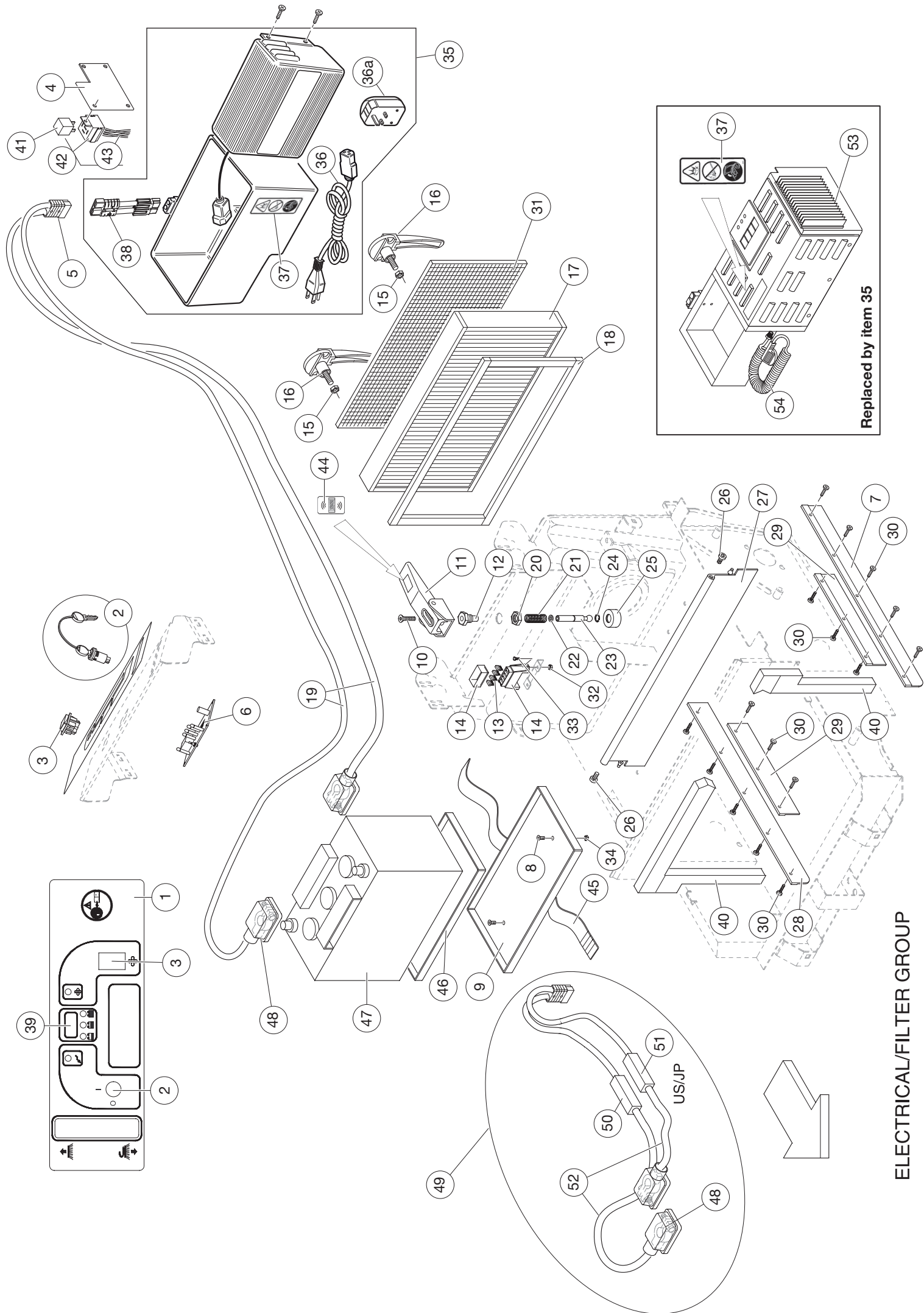
78	604082		1	Bearing, Needle, Hk 1412	Kugellager HK 1412	Cuscinetto HK 1412	Palier HK 1412
79	1022608		1	Label, Control, Side Brush	Beschilderung	Etichetta	Etiquette



DRIVE GROUP

## DRIVE GROUP:

Rif.	Code	Stock Item	N°	Description	Beschreibung	Descrizione	Description
1	9001124		2	Cover, Wheel 200 Dia	Raddeckel Ø 200	Copriruota Ø 200	Couvrir roue Ø 200
2	604077		2	Screw, Btn, M6 X 1.0 X 10	Schraube 6x10	Vite 6x10	Vis 6x10
3	1028583	•	1	Wheel Assy, Right, w/bearings US/JP	Rechtes Rad komplett US/JP	Ruota DX Completa US/JP	Roue droite complète US/JP
	1030632	•	1	Wheel Assy, Right, w/bearings EU	Rechtes Rad komplett EU	Ruota DX Completa EU	Roues droite complète EU
4	1028584	•	1	Wheel Assy, Left, w/bearings US/JP	Linkes Rad komplett US/JP	Ruota SX Completa US/JP	Roue gauche complète US/JP
	1030633	•	1	Wheel Assy, Left, w/bearings EU	Linkes Rad komplett EU	Ruota SX Completa EU	Roue gauche complète EU
5	604080		2	Bearing, Needle, Hfl 1426	Kugellager HFL 1426	Cuscinetto HFL 1426	Palier HFL 1426
6	604081		2	Bushing, Hex	Sechskantbuchse	Boccola esagonale	Douille hexagonale
7	604082		2	Bearing, Needle, Hk 1412	Kugellager HK 1412	Cuscinetto HK 1412	Palier KH 1412
9	604084		4	Screw, M6 X 16	Schraube 6x10	Vite 6x10	Vis 6x10
10	604085		2	Seal, Support	Halterung SBPFL 203	Supporto SBPFL 203	Support SBPFL 203
11	604086		4	Washer, Flat, 6 X 12	Unterlegscheibe 6x12	Rondella 6x12	Rondelle 6x12
12	604087		8	Nut, Block, M6 X 1.0	Arretiermutter M6	Dado bloccante M6	Ecrou bloquant M6
13	612627		1	Key, Sq, 5 X 5 X 15	Keil 5x5x25	Chiavetta 5x5x25	Clavette 5x5x25
14	604089		1	Shaft, Drive	Antriebswelle	Albero trazione	Arbre traction
15	603357	•	1	Belt, Drive	Riemen Z30 3/4	Cinghia Z30 3/4	Courroie Z30 3/4
16	604090		1	Pulley, Drive	Riemenscheibe Ø 140	Puleggia Ø 140	Poulie Ø 140
17	604091		1	Screw, Set, M6 X 1.0 X 10	Madenschraube 6x10	Grano 6x10	Vis d'arrêt 6x10
18	604092		1	Screw, Hex, M4 X 0.7 X 12	Sechskantschraube 4x12	Vite TE 4x12	Vis TE 4x12
19	604093		3	Washer, Flat, 5 X 20	Unterlegscheibe 5x20	Rondella 5x20	Rondelle 5x20
20	604094		1	Pulley, Drive, 55D	Riemenscheibe Ø 55	Puleggia Ø 55	Poulie Ø 55
21	612628		3	Screw, Btn, M6 X 1.0 X 25	Schraube 6x20	Vite 6x20	Vis 6x20
22	604096		1	Bearing, Ball, 600 2RS	Kugellager 6000 2RS	Cuscinetto 6000 2RS	Palier 6000 2RS
23	604097		1	Support, Bearing	Halterung Kugellager	Supporto cuscinetto	Support palier
24	604098		1	Pin, Belt Support	Stützbolzen für Riemen	Perno sostegno cinghia	Goujon soutien courroie
25	604099		1	Support, Drive Motor	Motorhalterung	Supporto motori	Support moteurs
26	603354		1	Impeller, Fan 200Mm D	Lüfter Ø 200	Ventola Ø 200	Ventilateur Ø 200
27	9001126		2	Screw, Hex, M5 X 0.8 X 10	Sechskantschraube 5x10	Vite TE 5x10	Vis TE 5x10
28	604103		2	Key, Sq, 3 X 3 X 3.7	Keil 3x3,7	Chiavetta 3x3,7	Clavette 3x3,7
29	603338		1	Motor, Sweeper w/ Gearbox	Getriebemotor Ø77 zum Antrieb	Motoriduttore trazione Ø 77	Motoréducteur taction Ø 77
30	603340		1	Motor, Ele, Fan, 12V, 77Mm D	Motor Ø77 glatte Welle	Motore Ø 77 Albero liscio	Moteur Ø77 arbre lisse
31	15678		4	Screw, Hex, M6 X 1.0 X 16, Ss	Schraube 6x16	Vite 6x16	Vis 6x16
32	604102		4	Washer, Flat, 6 X 18	Unterlegscheibe 6x18	Rondella 6x18	Rondelle 6x18
33	606517		1	Pin, Pulley Guard Mount	Befestigungsbolzen für Abdeckung	Perno fissaggio carter	Pivot fixation capot
34	1040833		1	Guard, Fan	Lüfterschutzgitter	Griglia protezione ventola	Grille protection ventilateur
35	604180		1	Screw, Pan, M6 X 1.0 X 10, Phl	Schraube 6x10	Vite 6x10	Vis 6x10
36	606428		1	Duct, Air Conveyor	Luftförderer	Convogliatore aria	Convoyeur air
37	612629		1	Gear, Reduction Traction Motor	Untersetzungsgetriebe	Ingranaggio riduttore	Engrenage réducteur
38	9001461		1	Grill, Protection, Fan	Lüfterschutzgitter	Griglia protezione ventola	Grille protection ventilateur
39	9001477		4	Screw	Schraube	Vite	Vis
40	604159		2	Washer, Flat, 6 X 24	Scheibe 6x24	Rondella 6x24	Rondelle 6x24
41	604079		4	Ring, Retaining, 28Mm D, Outer Snap	Segegerring außen Ø 28	Seeger esterno Ø 28	Bague Seeger externe Ø 28

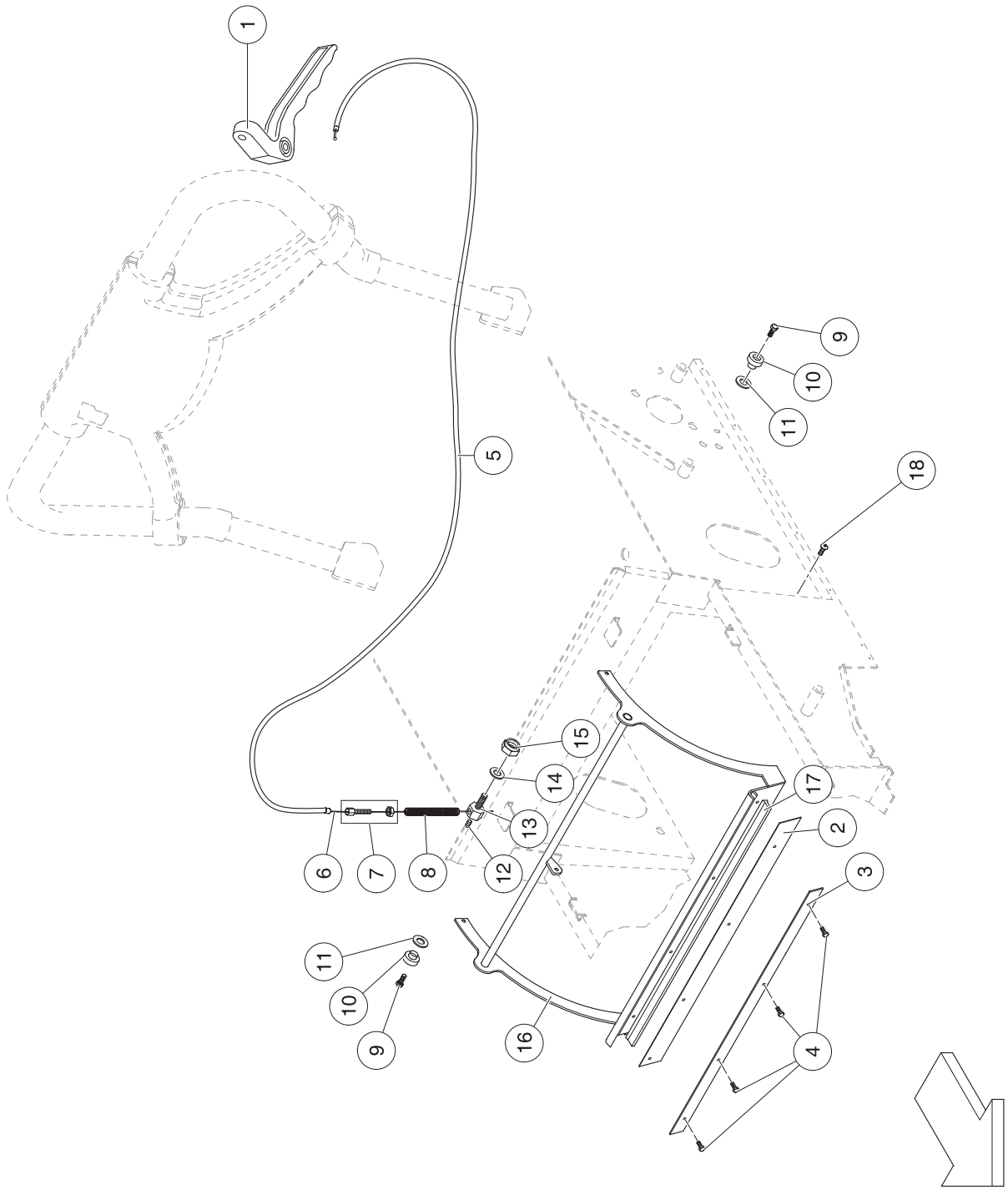


ELECTRICAL/FILTER GROUP

## ELECTRICAL/FILTER GROUP:

Rif.	Code	Stock Item	N°	Description	Beschreibung	Descrizione	Description
1	9001127		1	Plate, Panel, Cntrl	Beschilderung des Armaturenbretts	Etichetta cruscotto	Etiquette tableau de bord
2	1011402	•	1	Switch, Key (includes 2 keys)	Schlüsselschalter für Batterie	Interruttore A Chiave Per Batteria	Interruttore à Clé pour batterie
3	1017696	•		Key, Replacement (1Pc=Set Of 2)	Schlüssel	Chiave	Clé
3	604184		1	Switch, Bipolar	Zweipoliger Schalter	Interruttore Bipolare	Interruttore bipolare
4	9001467		2	Bracket, Stirrup, Batory	Haltebügel für Batterieladegerät	Staffa Carica Batteria	Bride chargeur de batterie
	12828		1	Connector, Cable, Blk, 1-Wire US/JP	Steckverbinder für Batterieladegerät US/JP	Connettore Carica Batteria US/JP	Connecteur Chargeur de batterie US/JP
5	12827		1	Connector, Cable, Red, 1-Wire US/JP	Steckverbinder für Batterieladegerät US/JP	Connettore Carica Batteria US/JP	Connecteur Chargeur de batterie US/JP
	604186		1	Connector, Cable, Gray, EU	Steckverbinder für Batterieladegerät EU	Connettore Carica Batteria EU	Connecteur Chargeur de batterie EU
6	603342		1	Circuitboard, Main	Steuerplatine 12V mit Sperre	Scheda Comando 12V Con Blocco	Carte de commande 12V avec blocage
	612617	•	1	Skirt, Flap, LH side, Gray US/JP	Schürze, Lippe, li Seite, grau US/JP	Spoiler, flap, laterale sx, grigio US/JP	Jupe, flap, gauche, gris US/JP
	9001129	•		Skirt, Flap, LH, Blk EU	Schürze, Lippe, li S, schw EU	Spoiler, flap, laterale sx, nera EU	Jupe, flap, gauche, blanc EU
8	612618		2	Screw, Flt, M4 X 0.7 X 16, Soc	Sechskantschraube 5x16	Vite TE 5X16	Vis TE 5x16
9	1022611		1	Tray, Battery	Batteriebehälter	Contentore Batteria	Coffret batterie
10	612619		1	Screw, Flt, M6 X 1.0 X 16, Soc	Schraube 6x16	Vite 6X16	Vis 6x16
11	604192		1	Lever, Filter Shaker	Kompletter Hebel für Filterrüttler	Leva Scuoifiltro Completa	Lévier secoueur de filtre complet
12	604193		1	Rail, Filter Shaker	Führung für Filterrüttler	Guida Scuoifiltro	Guide secoueur de filtre
13	603358	•	3	Fuse, 30A	Lamellensicherung 30 A	Fusibile Lamellare 30A	Fusible à lame 30 A
14	604194		1	Cover, Fusebox	4-Wege-Sicherungshalter + Abdeckung	Portafusibili 4Vie + Coperchio	Boîtier fusibles 4 voies + couvercle
15	612612		2	Nut, Hex, M8	Mutter M8	Dado M8	Ecrou M8
16	604196		2	Latch, Filter Handle	Griff zur Filterarretierung	Maniglia Bloccaggio Filtro	Poignée blocage filtre
17	607586	•	1	Filter, Hospital Grade (Std)	Papierfilter (Std)	Filtro Carta (Std)	Filtre Papier (Std)
18	603359	•	1	Gasket Kit, Fltr, 4 Pieces	Satz Filterdichtungen	KIT Mousse Per Filtro	Kit mousse pour filtre
19	612621	•	1	Cable, Battery EU (includes connectors)	Elektrische Anlage EU (einschließlich Steckverbinder)	Impianto Elettrico EU (Incluso Connettori)	Système électrique EU (connecteurs inclus)
20	604198		1	Nut, Hex, M18	Mutter M18	Dado M18	Ecrou M18
21	604199		1	Spring, Cmpr, Filter Shaker	Druckfeder für Filterrüttler	Molla Compressione Scuoifiltro	Ressort secoueur de filtre
22	604200		1	Gasket Or 106	O-Ring 106	Guarnizione OR 106	Joint OR 106
23	604201		1	Pin	Kugelbolzen	Perno A Sfera	Tige à rotule
24	604202		1	Ring, Retaining, 16Mm D, Inner Snap	Segeerring innen Ø 16	Seeger Interno Ø 16	Bague Seeger interne Ø 16
25	604203		1	Bar, Filter Shaker Articulator	Gelenkbolzen	Mazza Snodata	Articulation
26	604204		2	Screw, Btn, M10 X 16	Schraube 10x16	Vite 10X16	Vis 10x16
27	604205	•	1	Flap, Backside	Hintere Grobschmutzklappe	Flap Posteriore	Flap arrière
	612622	•	1	Blade, Flap, Side, RH, Gray	Klinge, Lippe, Seite, re S, grau	Bandella, flap, laterale dx, grigia	Lame, flap, latéral, droite, gris
28	9001132	•		Skirt, Flap, RH, Blk EU	Schürze, Lippe, re S, schw EU	Spoiler, flap, laterale dx, nero EU	Jupe, flap, droite, noir EU
	612623	•	2	Blade, Flap, Inner	Innere Grobschmutzklappe grauer Rahmen	Flap Interno Telaio Grigio	Flap interne châssis gris
29	9001133	•		Skirt, Flap, Inner, Blk	Innere Grobschmutzklappe schwarzer Rahmen	Flap Interno Telaio Nero	Flap interne châssis noir
30	604208		16	Screw, Flt, M3.5 X 9.5, Phi	Blechschrabe 3,5x9,5	Vite Autofil. TC 3,5x9,5	Vis autotaraudeuse TC 3,5x9,5
31	609971		1	Kit, Pre-Filter	Vorfilter	Prefiltro	Pré-filtre

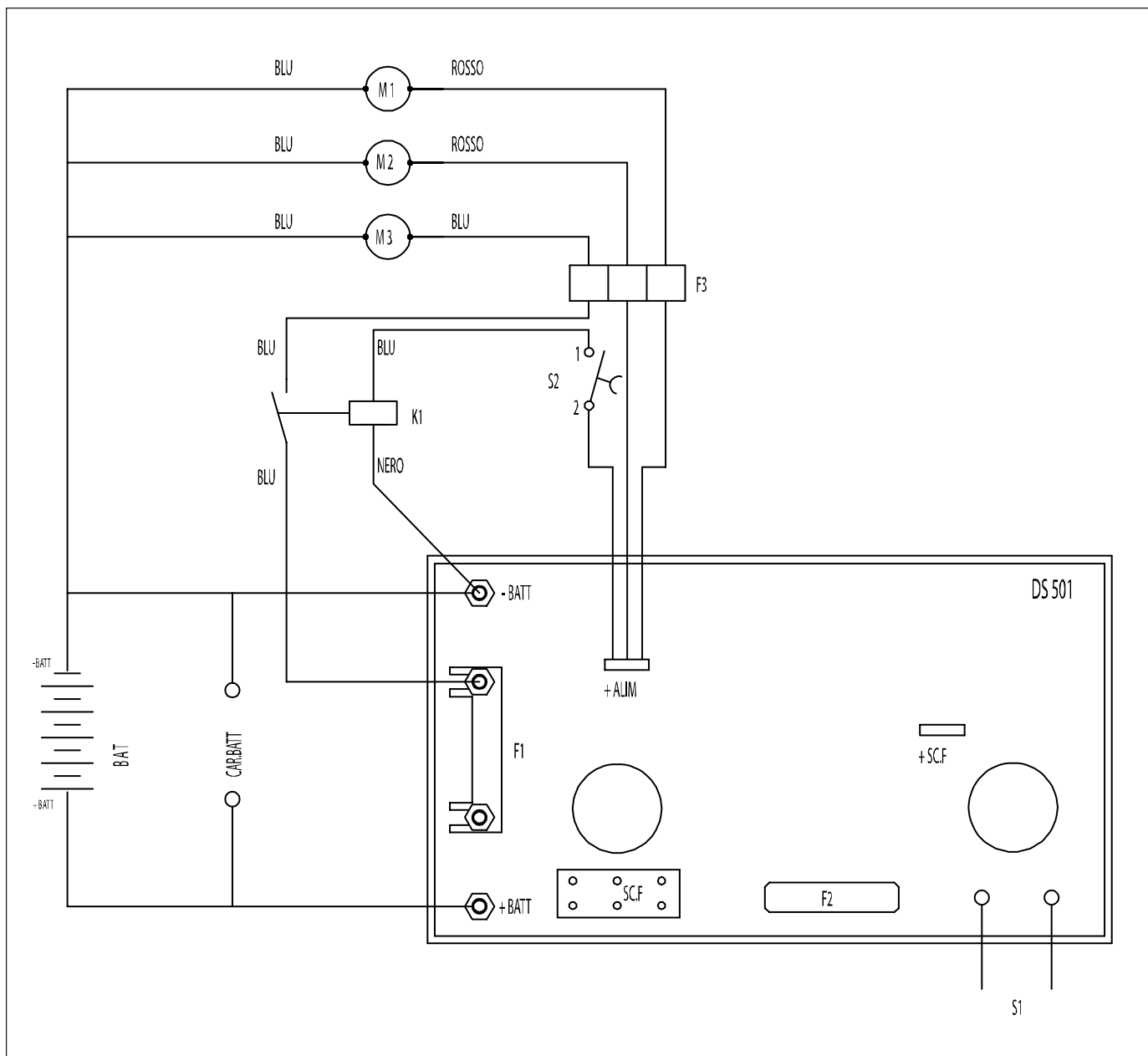
32	604210	8	Nut, M4 X .7	Mutter M4	Dado M4	Ecrou M4
33	9001479	2	Screw, 4X16	Sechskantschraube 4x16	Vite TE 4X16	Vis TE 4x16
34	604141	2	Nut, Sq, M5 X .8	Mutter M5	Dado M5	Ecrou M5
35	1064876	1	Charger kit, 10A S8	Kit Batterieladegerät, 10A S8	Kit caricabatteria, 10A S8	Kit chargeur, 10A S8
36	1069835	1	Cord, Charger, US/JP	Kabel, Batterieladegerät, US/JP	Cavo, caricabatteria, US/JP	Cordon, chargeur, US/JP
	1069836	1	Cord, Charger, EU	Kabel, Batterieladegerät, EU	Cavo, caricabatteria, EU	Cordon, chargeur, EU
36a	1069837	1	Cord, Charger, UK	Adapter Netzkabel UK-Stecker	Adattatore presa cavo di alimentazione UK	Adaptateur pour prise cordon d'alimentation UK
37	630422	1	Label, Battery Charge, Textless	Beschilderung	Etichetta	Etiquette
38	1069679	1	Adapter, Battery Connector, UK	Adapter, Batterieverbinder, UK	Adattatore, connettore batteria, UK	Adaptateur, connecteur batterie, UK
39	604212	1	Gauge, Hourmeter, Lcd EU	Timer mit Stundenzähler EU	Timer Contatore EU	Compteur d'heures EU
40	604187	1	Gasket Kit, Foam, 3-piece	Set Dichtungen für vorderen Auszug	Relè	Kit mousse bac avant
41	9001469	1	Relay	Relais	Relè	Relais
42	9001470	1	Adapter, Mount, Relay	Relaissockel	Zoccolo Porta Relè	Socle relais
43	9001468	1	Harness, Wiring, Relay	Relaisverdrahtung	Cablaggio Relè	Câblage relais
44	9001459	1	Label, Latch	Beschilderung	Etichetta	Etiquette
45	9001475	1	Strap, Battery	Riemen	Cinghia	Courroie
46	9001473	1	Tray, Battery, Supplementary	Zusätzliches Batteriefach	Contentore Batteria Supplementare	Coffret batterie supplémentaire
47	995129	1	Battery Kit Semi Traction 12V/85Ah - EU	Set Semitraktionsbatterie 12V/85Ah-EU	KIT Batteria Semi Trazione 12V/85Ah -EU	Kit batterie semi trazione 12V/85Ah - EU
	995130	1	Battery Kit Gel 12V/70Ah -EU	Set Gelbatterie 12V/70Ah-EU	KIT Batteria Tipo GEL 12V/70Ah -EU	Kit batterie type GEL 12V/70 Ah - EU
	995131	1	Battery Kit Tract. Monoblocs 12V/79Ah - EU	Set Monoblock- Traktionsbatterie 12V/79Ah-EU	KIT Batteria Traz. Monoblocchi 12V/79Ah -EU	Kit batterie tract. Monoblocs 12V/79 Ah - EU
	611867	1	Battery, 12VDC 100AH, GEL US/JP (std)	Batterie 12VDC 100Ah,GEL -US/JP (std)	Batteria 12VDC 100Ah, GEL -US/JP (std)	Batterie 12VDC 100Ah, GEL - US/JP
48	578426	1	Battery 12VDC, WET, 105AH US (opt)	Set Batterie 12V/105Ah-US	KIT Batteria 12V/105Ah -US	Kit batterie 12V/105 Ah - US
	600988	2	Terminal, Battery, Cable	Batteriekabellemme	Morsetto Cavo Batteria	Borne câble batterie
49	612621	• 1	Cable, Battery US/JP (includes connectors)	Elektrische Anlage US/JP (einschließlich Steckverbinder)	Impianto Elettrico US/JP (Incluso Connettori)	Système électrique US/JP (connecteurs inclus)
50	12828	1	Connector, Cable, Blk, 1-wire	Steckverbinder Batterieladegerät US/JP schwarz	Connettore Crica Batteria US/JP NERO	Connecteur Chargeur de batterie noir US/JP
51	12827	1	Connector, Cable, Red, 1-wire	Steckverbinder Batterieladegerät US/JP rot	Connettore Crica Batteria US/JP ROSSO	Connecteur Chargeur de batterie US/JP rouge
52	610754	1	Cable, Battery, Quick Connect US/JP	Kabel, Batterie, Schnellverbinder US/JP	Cavo Batteria Connettore US/JP	Câble batterie Connecteur US/JP
52	612621	• 1	Cable, Battery US/JP (includes connectors)	Elektrische Anlage US/JP (einschließlich Steckverbinder)	Impianto Elettrico US/JP (Incluso Connettori)	Système électrique US/JP (connecteurs inclus)
	9001455	1	Charger, Battery EU (Replaced by item 35)	Batterieladegerät, Batterie EU (Ersetzt durch Artikel 35)	Caricabatteria, batteria EU (sostituito dall'articolo 35)	Chargeur, batterie EU (Remplacé par article 35)
53	9001456	1	Charger, Battery US (Replaced by item 35)	Batterieladegerät, Batterie US (Ersetzt durch Artikel 35)	Caricabatteria, batteria US (sostituito dall'articolo 35)	Chargeur, batterie US (Remplacé par article 35)
	9001457	1	Charger, Battery JP (Replaced by item 35)	Batterieladegerät, Batterie JP (Ersetzt durch Artikel 35)	Caricabatteria, batteria JP (sostituito dall'articolo 35)	Chargeur, batterie JP (Remplacé par article 35)
	9001458	1	Charger, Battery UK (Replaced by item 35)	Batterieladegerät, Batterie UK (Ersetzt durch Artikel 35)	Caricabatteria, batteria UK (sostituito dall'articolo 35)	Chargeur, batterie UK (Remplacé par article 35)
54	9001140	1	Cable, Main 110V US/JP	Netzkabel 110V US/JP	Cavo Di Rete 110V US/JP	Câble d'alimentation 110V US/JP
	9001141	1	Cable, Main 230V EU	Netzkabel 230V EU	Cavo Di Rete 230V EU	Câble d'alimentation 230V EU
	9001142	1	Cable, Main 240V UK	Netzkabel 240V UK	Cavo Di Rete 240V UK	Câble d'alimentation 240V UK



LARGE DEBRIS FLAP GROUP

## LARGE DEBRIS FLAP GROUP:

Rif.	Code	Stock Item	N°	Description	Beschreibung	Descrizione:	Description
1	9001112		1	Assy, Housing Handle	Kompletter Griff	Maniglia completa	Poignée complète
2	9001163		1	Skirt, Flap, Rubber	Gummi	Gomma	Lame caoutchouc
3	9001460		1	Strap, Rubber	Gummihalter	Fermo gomma	Fixation lame
4	604208		4 (5)	Screw, Flt, M3.5 X 9.5, Phl	Blechschraube 3,9 x 9,5	Vite autofil. TC 3,9 x 9,5	Vis autotaraudeuse TC 3,9 x 9,5
5	9001154		1	Conduit, Sheathing For Cable	Hülle	Guaina	Gaine
6	9006175		1	Cable Drive	Kabel	Cavo	Câble
7	604105		1	Adjuster, Cable, Turned 07	Gedrehter Regler Ø 7	Registro tornito Ø 7	Boulon de réglage Ø 7
8	9001156		1	Spring, Cmpr	Feder	Molla	Ressort
9	604162		2	Screw, M8X22	Schraube 8x22	Vite 8x22	Vis 8x22
10	9001158		2	Bushing	Hülse für Kipphebel der Grobschutzklappe	Boccola bilancere alzaflap	Douille culbuteur soulèvement flap
11	604176		2	Washer, Flat, 8 X 24	Unterlegscheibe 8x24	Rondella 8x24	Rondelle 8x24
12	9001159		1	Screw, Hex, M5 X 0.8 X 12	Schraube 5x12	Vite 5 x 12	Vis 5 x 12
13	604113		1	Screw, Wire Fixing	Schraube CH 17 h 28 zur Drahtbefestigung	Vite CH 17 h 28 fissaggio filo	Vis CH 17 h 28 fixation câble
14	604114		1	Washer, Flat, 8 X 17	Unterlegscheibe 8x17	Rondella 8 X 17	Rondelle 8 X 17
15	604115		1	Nut, Block, M8 X 1.25	Arretiermutter M8	Dado bloccante M8	Ecrou bloquant M 8
16	9001161		1	Flap, Rise Rocker	Kipphebel für Grobschutzklappe	Bilancere alzaflap	Culbuteur soulèvement flap
17	9001162		1	Skirt, Flap, Rubber	Gummilippe	Gommino	Joint
18	604077		2	Screw, Btn, M6 X 1.0 X 10	Schraube 6x10	Vite 6x10	Vis 6x10



<b>M1</b>	Main brush motor - Motor der Hauptkehrwalze - Motore spazzola centrale - Moteur balai central
<b>M2</b>	Traction motor - Antriebsmoto - Motore trazione - Moteur traction
<b>M3</b>	Fan motor - Gebläsemotor - Motore ventola - Moteur aspiration
<b>F1</b>	50A Bar fuse - Sicherung für Schienenmontage 50A - Fusibile a barra 50A - Fusible 50A
<b>F2</b>	1A/250V fuse - Sicherung 1A / 250 V - Fusibile 1A / 250 V - Fusible 1A / 250 V
<b>F3</b>	30A fuse - Sicherung 30 A - Fusibile 30 A - Fusible 30 A
<b>S1</b>	Key switch - Schlüsselschalter - Interruttore a chiave - Interrupteur à clé
<b>S2</b>	Fan switch - Gebläseschalter - Interruttore ventola - Interrupteur aspiration
<b>Car.Batt</b>	Battery recharge socket - Steckdose für Batterieladegerät - Presa carica batteria - Prise chargeur de batterie
<b>K1</b>	Fan Motor Control Relais - Steuerrelais für Lüferradmotor - Rele' comando motore ventola - Relais commande moteur ventilateur