Technical Manual

TASKI

swingo

855B Power

Diversey

for a cleaner, healthier future™

Edition: V1.00/2010

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1 Foreword

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1 Foreword

1.1 Target

To serve our customers faster and more efficient it is important to achieve a general standard of technical know how with our partners in the market.

Therefore we developed a new Technical Training concept which is based on e-spares. The concept consists of a Technical Training and a Technical Manual.

These two tools will be produced for each newly launched machine with a certain complexity. The Technical Manual will be available as PDF file and can be downloaded from e-spares. The Technical Training documentation will be distributed after having attended a the technical training.

1.2 Technical Training

The Technical Training is addressed as reference book for the technical training sessions and will be distributed to the floor care responsible and/or to the technical training responsible after attending a training session provided by GTS (max. 2 persons per country).

The intension is, that after this session, a technical trainer is able to perform technical training for their local technical staff and in this way to transfer the knowledge to all service technicians.

The Technical Training is not intended as manual for the service technicians and will be distributed only to the training responsible of each country.

1.3 Technical Manual

The Technical Manual is addressed to the service technicians and should be translated and distributed after a technical training.

It contains a summary of procedures, hints and suggestions etc. which are helpful and

essential for the daily business. The Technical Manual can be downloaded from e-spares/documents.

1.4 Conclusion

We are convinced that the new Technical Training concept together with the Technical Manual are powerful tools, which will help our service organisations to achieve a higher level of quality in repairs and customer satisfaction.

If you have any comments or questions do not hesitate to contact your country responsible.

Sincerely yours

GTS Team

Technical Manual

2 Elementary

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2 Elementary

2.1 Health & Safety

Scrubber dryers may be powered by mains electricity or batteries. There are risks associated with both, which call for proper precautions, such as the provision of good ventilation and the elimination of risk of ignition.

All work, implemented on such machines should only be performed by trained personnel in accordance with local regulations.

Before working on such a machine, isolate it from any electrical source.

Always wear the required personal protective equipment (including gloves and goggles that must be worn when potentially exposed to any hazardous material and when carrying out hazardous work tasks).

Note that parts may be contaminated with chemical product. If possible flush hoses out with fresh water prior to carrying out any maintenance. For information on chemical products that are used in this machine, please carefully read the product label and Material Safety Data Sheet (MSDS).

Empty water tanks prior to carrying out any maintenance. Ensure contaminated water is emptied into an approved drain. Avoid pollution.

2.2 ESD

Static electricity is electricity at rest or the accumulation of electric charge, as opposed to an electric current which is the movement of electricity. The flow or movement of people and/or materials in and through the environment causes separation and therefore static electricity. A familiar example of static electricity is when a person walks across a carpeted floor. Static electricity/electrostatic charge is generated simply by the contact and separation of the soles of that individual's shoes from the carpeted floor.

Electrostatic Discharge (ESD) occurs when the electrostatic charge is transferred from a material that carries the charge to an electrostatic sensitive device. In the example above, this electrostatic discharge is the „shock" felt after walking across the carpeted

floor and then touching a door knob. It is this electrostatic discharge, which comes in varying degrees, that can be most damaging to electrical devices and other industrial, commercial and consumer products.

Static electricity, a natural phenomenon and consequently electrostatic discharge are the primary causes of countless problems affecting industry, business and personal life. These problems can be as simple as the shock resulting from walking across a carpet; as costly as the destruction of sensitive electronic components or jamming of machinery.

Almost any material can generate static electricity. The ability to store or unload the charge depends on the type of material.
Static can damage devices, which can result in immediate product failure to operate. In contrast, static damage can go undetected for a period of time and the results are product failure once the product is in service.
Electrostatic fields are associated with charged objects.
The degree of severity of ESD events is contingent upon the type of discharge which occurs. The three most common ESD charge transfers are:

- from an external object to the device
- from a device to another object
- resulting from electrostatic fields

⚠CAUTION *Please do not store electronics without ESD bags at any time.*

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3 General

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3 General

3.1 General information

3.1.1 Part reference

⚠CAUTION *Explicitly mentioned parts are defined by references corresponding to the e-spares spare parts list.*

E.g. Tank axle (02/118) corresponds to the parts list on e-spares, sub assembly 2, position 118.

3.1.2 Consumable supplies

⚠CAUTION *If you have to remove cable ties then position the new ones at the original place.*

If you have to remove self locking nuts, you should replace them by new ones.

3.1.3 Direction description

⚠CAUTION *On the „RH" always means on the right hand side of the machine in working direction (when you are standing behind the machine).*

On the „LH" always means on the left hand side of the machine in working direction (when you are standing behind the machine).

3.1.4 Power source

Depending on the work it might be required to remove the power source (mains/batteries) from the machine.

The in here mentioned sequences (mechanical and electrical) are based on the assumption that the power source (mains/batteries) were removed from the machine before.

3.2 Required material

3.2.1 Tools

- A standard range of tools is required e.g.
  - Fork spanners
  - Allen keys
  - Torx keys

3.2.2 Material

- No special tools are required.

⚠CAUTION *The above listings are only a recommendation for the technical training.*

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4 Technical data

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4 Technical Data

4.1 Machine range

SKU	Description	Version	Series
7517571	TASKI swingo 855 B Power		01
7517572	TASKI swingo 855 B Power	BMS EUR	01
7517573	TASKI swingo 855 B Power	BMS UK	01
7517574	TASKI swingo 855 B Power	BMS DK	01
7517742	TASKI swingo 855 B Power	BMS NA	01
7517821	TASKI swingo 855 B Power	BMS SEV	01

Table 1: Machine range

4.2 Technical Information

4.2.1 Machine profile

Pos.		Value
Theoretical performance (at 4.5 km/h)	(m²/h)	2250
Practical performance	(m²/h)	850
Working width	(mm)	500
Squeegee width	(mm)	690
Solution tank	(l)	40
Recovery tank	(l)	40

Table 2: Machine profile

4.2.2 Technical data

Pos.		Value
Noise level (ECO mode)	dB(A)	64 (<60)
Vibration	(m/s2)	< 0.5
Approvals		CE/CB Test certificate./ ÖVE
Nominal consumption	(W)	900
Power drive motor	(W)	200
Power suction motor	(W)	490
Voltage	(V)	24
Battery capacity max. (maintenance-free/wet)	(Ah)/C5	50/70
Battery autonomy max. (70 Ah maintenance free battery)	(h)	max. 2.0
Internal charger		BMS
Protection class - BMS model		Class 1
Protection class - Non BMS model		Class 3

Table 3: Technical Data

4.2.3 Machine speed

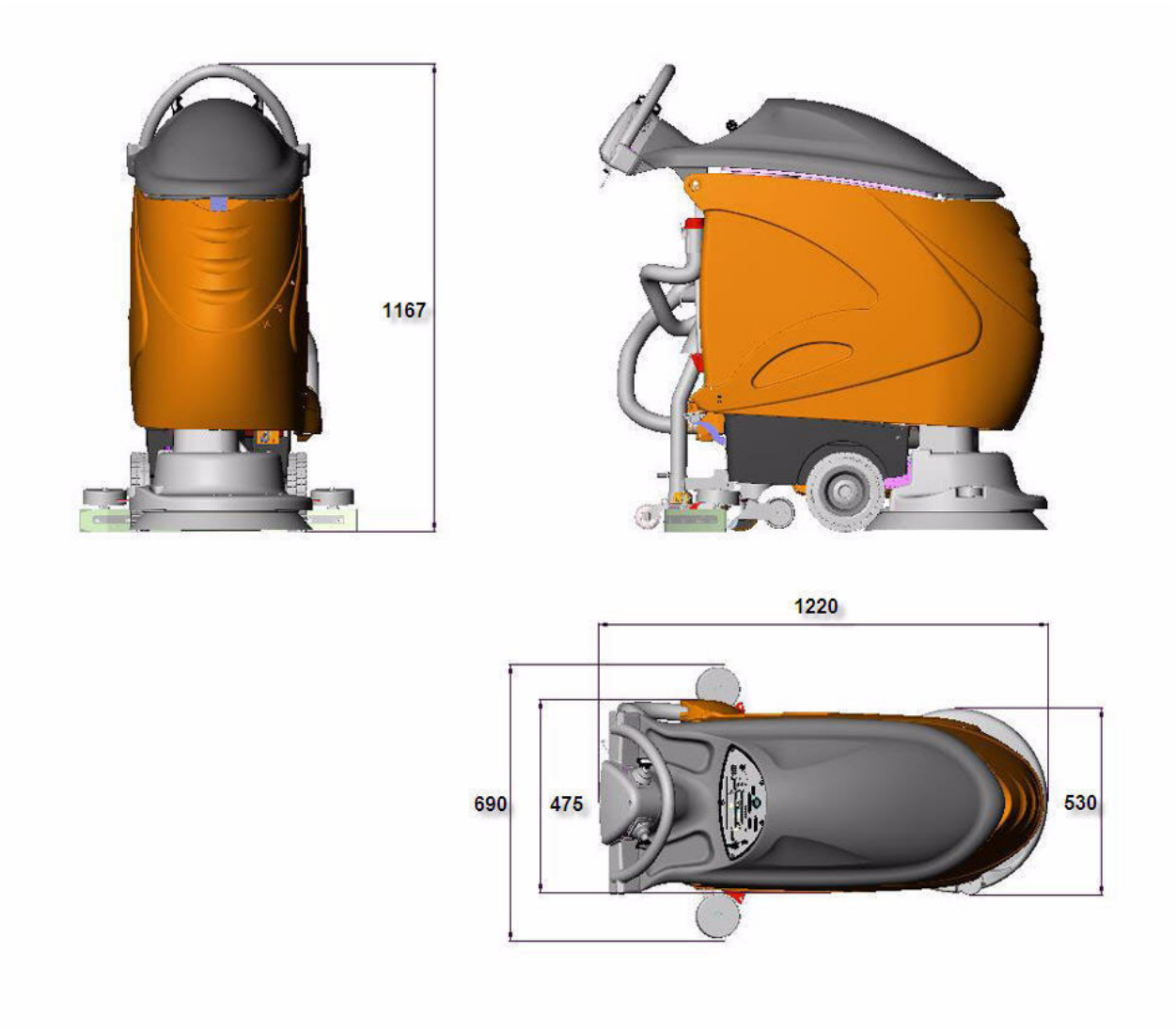
Pos.		Value
Transportation speed	(km/h)	4.5
Cleaning speed	(km/h)	4.5
Ramp max.	(%)	2

Table 4: Machine speed

4.2.4 Dimensions and weights

Pos.		Value
Dimensions	L/W/H (mm)	1220/475/1167
Door pass through with squeegee	(mm)	690
Battery compartment	L/W/H (mm)	350 x 330 x 240
Net weight without batteries; empty tank	(kg)	70
Weight, ready to use	(kg)	160
Max. floor pressure front	(N/mm2)	0.33
Wheel diameter front	(mm)	200
Wheel diameter - castor	(mm)	100

Table 5: Dimensions and weights



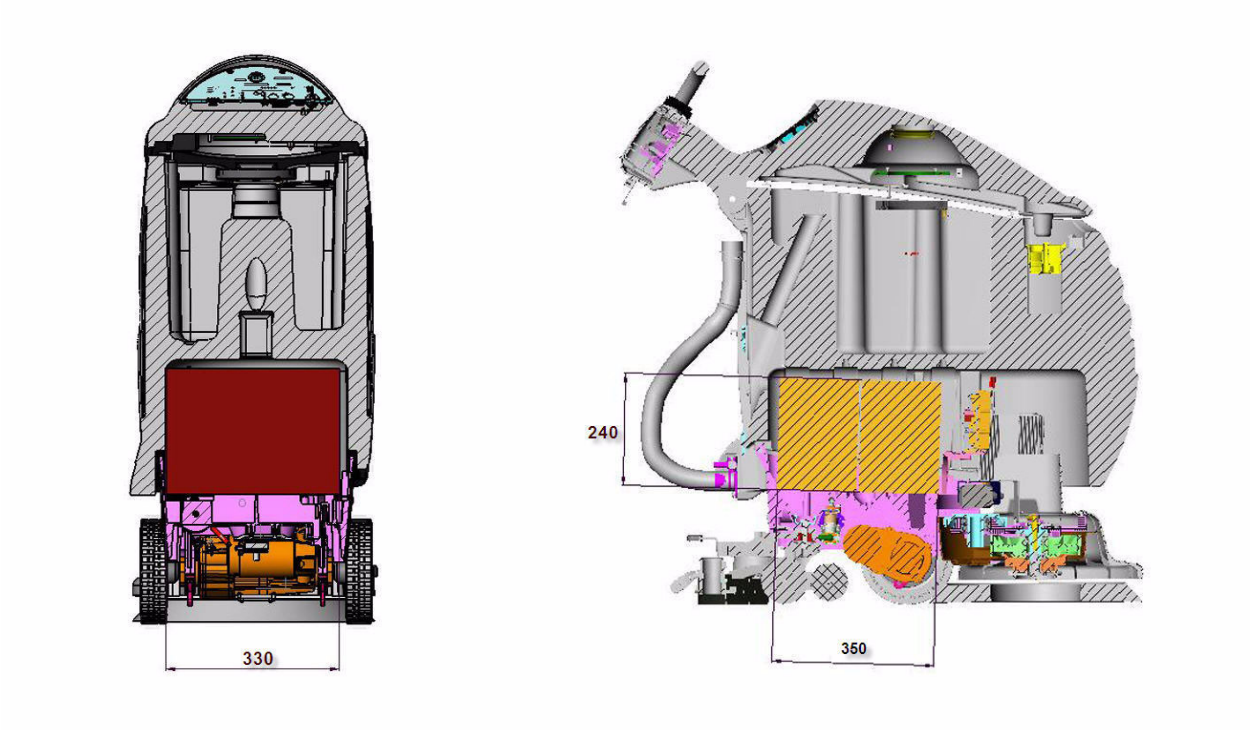
Picture 1: Dimensions

4.2.5 Battery

4.2.5.1 Battery compartment

Pos.		Value
Battery compartment	L/W/H (mm)	350 x 330 x 240

Table 6: Battery compartment



Picture 2: Battery compartment

4.2.5.2 Battery specifications

⚠CAUTION

Please use batteries from Excide/Sonnenschein, as this is our preferred partner.

BMS is only for dry (gel) batteries.

For the correct connection of the batteries, pay attention to the voltage of each battery and the correct connection. Therefore refer to e-spares.

Supplier	Type	Voltage	Ah	Length [mm]	Width [mm]	Height [mm]	Weight [kg]
Excide	Sonnenschien GF12050	12	50	278	175	190	20
Excide	Sonnenschien GF12070	12	70	330	171	236	28

Table 7: Dry (gel) batteries

4.2.6 Charger

Pos.		Value
Primary	V	100 - 240
Primary	Hz	50 - 60
Secondary	V	24
Secondary	A	9
Protection type		1 (2)
Approval		UL
Cable length / BMS cable	(m)	3

Table 8: Charger

4.2.7 Brush system

Pos.		Value
Brush system	(mm)	1x 500
Brush motor	(W)	750
Brush speed	(rpm)	160
Brush pressure max.	(kg)	43

Table 9: Brush system

4.2.8 Suction power

Pos.		Value
Vacuum motor	(W)	490
Max. air flow	(l/s)	32
Max. vacuum	(mbar)	118
Max. vacuum	(kPa)	11.8

Table 10: Suction power

4.2.9 Additional

Pos.		Value
Cleaning Solution Dosing		CSD system
Brush lifting		mechanical
Squeegee lifting		mechanical

Table 11: Additional

4.3 Accessories & Additional parts

4.3.1 Accessories

SKU	Article
7505440	Pad drive harpoon grip 500 mm
8504770	Scrubbing brush standard 500 mm
8505120	Scrubbing brush washed concrete 500 mm
8505130	Scrubbing brush abrasive 500 mm
4122528	Blade front small
4122529	Blade back small

Table 12: Accessories

4.3.2 Additional parts

SKU	Article
4127203	Blades front Type 712 3mm (Closed front blade)
4127070	Double back blades (56/2.5 x 750)
4075260	External hour counter for battery models
4122526	PU traction wheel (brown)
4122746	PU wheels (green, supergrip)
4122563	Castor wheel blue (option for 755/855)
4122527	PU castor wheel 100

Table 13: Additional parts

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5 Mechanical

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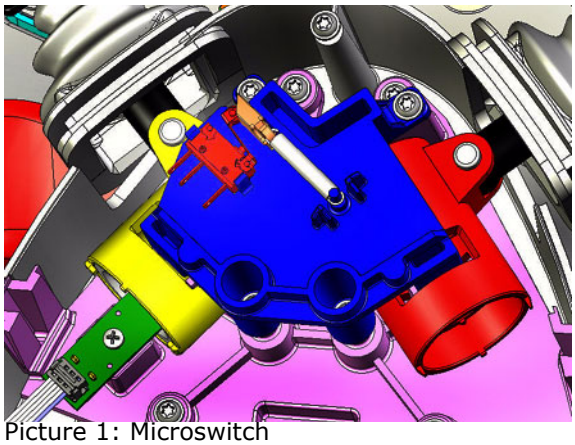
5 Mechanical

5.1 Mechanical sequences

5.1.1 Handle/Upper part

5.1.1.1 Replacing of microswitch


Picture 1: Microswitch

Remove

- Remove the 3 screws of the cover.
- Remove the cover.
- Unplug hour counter wires from the hour counter or the cover.
- Remove spring of the microswitch.
- Remove microswitch from fixation.
- Disconnect wires from microswitch.

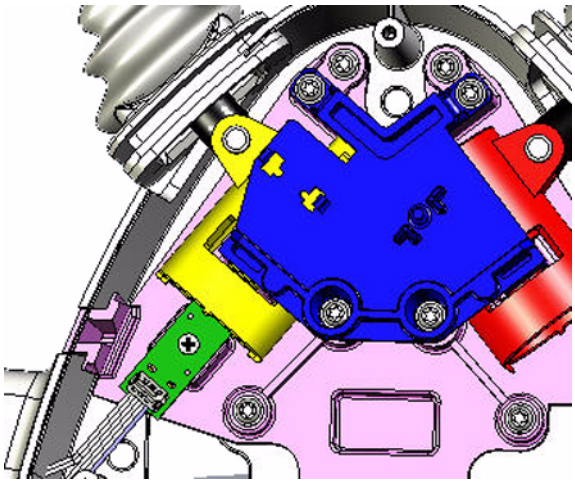
Mount

- Connect new microswitch to the wires.
- Position the microswitch on the fixation.

⚠CAUTION *Ensure that the microswitch is positioned correctly on the fixation (pins).*

- Assemble microswitch spring.
- Test if the microswitch is functional when moving the throttle levers.
- Connect the hour counter wires to the hour counter or to the cover.
- Assemble the cover.
- Tighten the cover with the 3 screws.

5.1.1.2 Replacing of hall sensor board



Picture 2: Throttle hall sensor

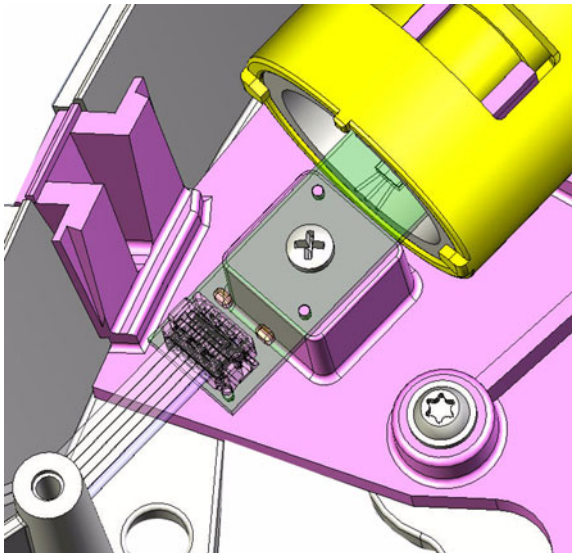
Remove

- Remove microswitch according to chapter REPLACING OF MICROSWITCH.
- Remove the 5 screws of the dashboard.
- Remove dashboard.
- Disconnect hall sensor compl. ribbon cable.
- Thread out hall sensor compl. ribbon cable.
- Unscrew mechanic hall sensor compl. fixation.
- Remove mechanic hall sensor compl.

Mount

- Build in mechanic hall sensor compl.

⚠CAUTION *Make sure that the mechanic hall sensor compl. is placed correctly on the pins of the support before tightening the screw.*



Picture 3: Hall sensor positioning

- Place and tighten screw of mechanic hall sensor compl.
- Thread in the hall sensor compl. ribbon cable.
- Connect hall sensor compl. ribbon cable to the dashboard.
- Position dashboard and fix it with the 5 screws.
- Complete assembling according to the chapter REPLACING OF MICROSWITCH.

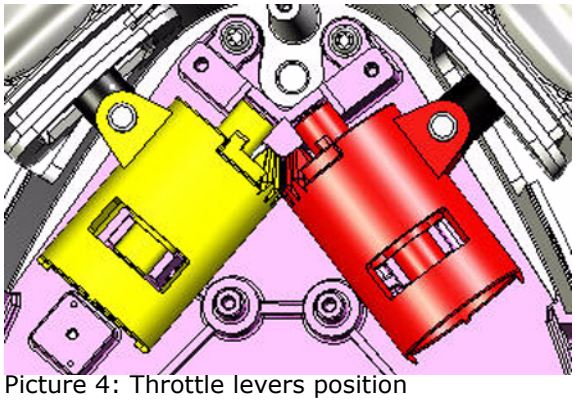
5.1.1.3 Replacing of throttle lever

Remove

- Remove microswitch according to chapter REPLACING OF MICROSWITCH.
- Unscrew the four screws of the of switch holder bracket.
- Remove switch holder bracket.
- Unscrew mechanic hall sensor compl. fixation.
- Remove mechanic hall sensor compl.
- Put the locking lever to the left.
- Remove both throttle levers.

Remarks

The lever parts can be replaced as single pieces according to e-spares.



Picture 4: Throttle levers position

Pay attention that the solenoid is placed on the left side (hall sensor side).

Make sure that the rubber covers are placed in the slots.

Mount

- Assemble both throttle levers.

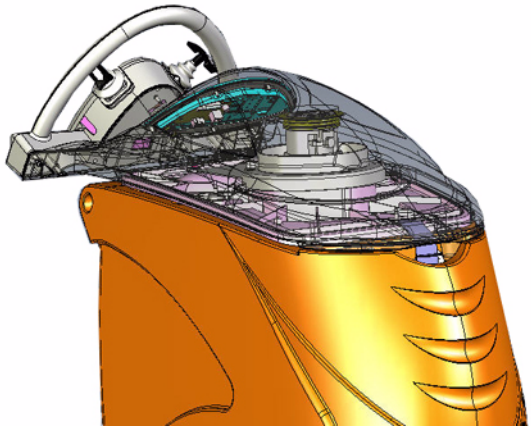
⚠CAUTION *Ensure that the lever toothed wheels are positioned in the centre of the possible movement.*

- Mount switch holder bracket.
- Build in mechanic hall sensor compl.

⚠CAUTION *Make sure that the mechanic hall sensor compl. is placed correctly on the pins of the support before tightening the screw.*

- Place and tighten screw of mechanic hall sensor compl.
- Complete assembling according to the chapter REPLACING OF MICROSWITCH.

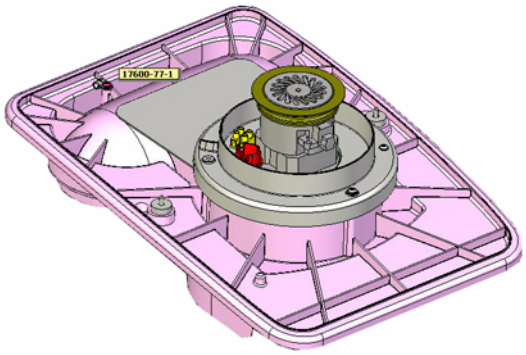
5.1.1.4 Replacing of vacuum motor



Picture 5: Vacuum motor

Remove

- Open the tank cover.
- Loosen the screw on the tank cover on the support side (RH).
- Loosen the screw on the other side (LH).
- Close the tank cover.
- Open the tank cover without base plate.



Picture 6: Base plate

- Disconnect vacuum motor wires from connection block.
- Remove sealing of vacuum motor to tank cover.
- Remove capacitor from motor.
- Unscrew the 3 screws of the vacuum motor protection plate.
- Remove the vacuum motor protection plate.
- Remove vacuum motor fixation sealings.
- Remove vacuum motor.
- Remove bottom sealing of the vacuum motor.

Mount

- Position bottom sealing of the vacuum motor.
- Build in vacuum motor.
- Position vacuum motor fixation sealings.
- Assemble vacuum motor protection plate.

Remarks

Ensure that the vacuum motor sealings are proper positioned before assembling the protection plate back.

- Position and tighten the vacuum motor protection plate fixation.

Remarks

Ensure that the turn protection is placed (spin protection).

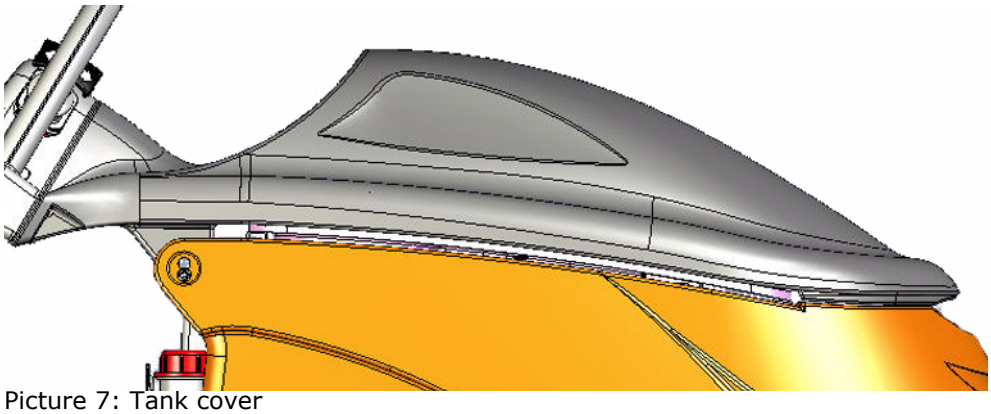
- Assemble capacitor.
- Position top sealing of vacuum motor.
- Connect vacuum motor wires to connection block.
- Close tank cover and position it on the base plate.
- Open tank cover together with base plate.
- Use the tank cover support.
- Tighten base plate fixation on the LH side.
- Tighten base plate fixation on the tank support side (RH).

⚠CAUTION *Tighten the fixation rubbers smoothly.*

Remarks

Check at the end if the vacuum motor top sealing is positioned properly, therefore unscrew and remove the dashboard and check.

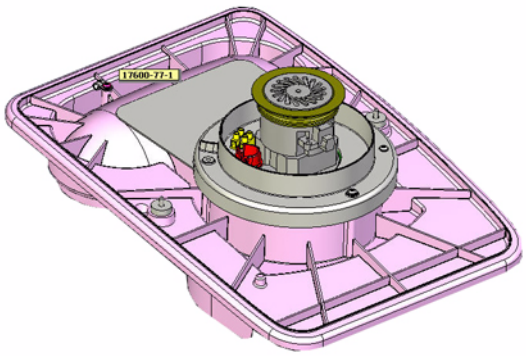
5.1.1.5 Replacing of tank cover



Picture 7: Tank cover

Remove

- Unscrew dashboard fixation.
- Remove dashboard and disconnect all cables.
- Remove screws of handle cover.
- Disconnect wires of external hour counter from the cover or the hour counter depending on the setup.
- Remove handle cover.
- Unscrew screws of throttle lever bracket.
- Thread out hall sensor ribbon cable and remove the complete throttle lever system.
- Unscrew handle fixation to the tank cover (02/103) and (02/107).
- Remove handle from tank cover.
- Unscrew and remove rear panel.
- Open the tank cover.
- Loosen the screw on the tank cover on the support side (RH).
- Loosen the screw on the other side (LH).
- Close the tank cover.
- Open the tank cover without base plate.



Picture 1: Base plate

- Disconnect vacuum motor cable at connection block (cable to

power electronics).
- Remove cable fixation at base plate.
- Thread out cables from tank cover.
- Close tank cover.
- Remove fixation screw of axle on one side.
- Push out axle (09/101).
- Remove complete cover.
- According to what you need to exchange, remove the existing parts from the tank cover and place it on the new one.

Mount (Drilling of hole for tank cover axle)

⚠CAUTION *Assemble the tank cover lock at the end of the sequence.*

- Position the base plate on the new tank cover.
- Fix the base plate on the tank cover.
- Position the tank cover including base plate correctly on the tank.

⚠CAUTION *Make sure that the sealings are nicely positioned.*

- Drill the hole for the tank axle without pressing the tank cover down onto the tank (drill with 10 mm).
- Mount the tank cover axle.
- Fix the axle with the screws.

Remarks

Ensure that the flap is positioned between the tank and the base plate.

- Open tank cover.
- Thread in cable to the tank cover.

Remarks

Ensure that the cables are positioned that way, that they can not be squeezed by the tank cover.

- Fix cables on the base plate.
- Connect vacuum motor to the connection block (cable from power electronics).
- Close tank cover and position it on the base plate.
- Open tank cover together with base plate.
- Use the tank cover support.
- Tighten base plate fixation on the LH side.
- Tighten base plate fixation on the tank support side (RH).

Remarks

Check at the end if the vacuum motor top sealing is positioned properly, therefore unscrew and remove the dashboard and check.

- Open tank cover.
- Assemble tank cover lock.

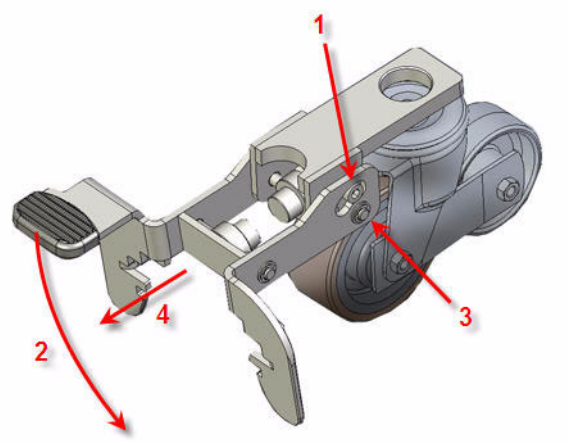
Adjustment

Adjust the tank cover lock and ensure a proper opening and closing of the tank cover.

- Mount the rear panel.
- Assemble handle on the tank cover with the 7 screws.
- Position the complete throttle lever system.
- Thread in the hall sensor cable to the dashboard.
- Fix the throttle lever bracket with the screws.
- Position wires on the external hour counter or on the handle cover, depending on the setup.
- Mount the handle cover.
- Connect wires to dashboard.
- Assemble dashboard on the tank cover.

5.1.2 Squeegee lowering mechanism

5.1.2.1 Replacing of squeegee bracket spring



Picture 2: Squeegee lowering

Remove

- Remove the squeegee from the fixation.
- Remove the tool from the brush drive unit.

1 Remove screws (03/103) from support (03/101).

2 Put the bracket in working position (down).

Remarks

Lift up the rear of machine and incline it to the front to loosen the tension of the spring.

3 Remove one circlip of rear axle.

- Remove the rear axle.

4 Remove pressure spring.

Mount

- Assemble new pressure spring.
- Assemble the rear axle.
- Position the circlip on the rear axle.

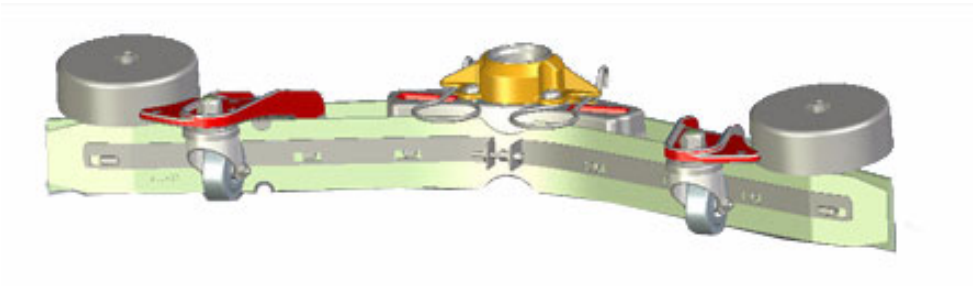
⚠CAUTION *Ensure that the slide bearings are proper positioned.*

- Move the squeegee bracket to semi transport position.
- Assemble the screws.

Service

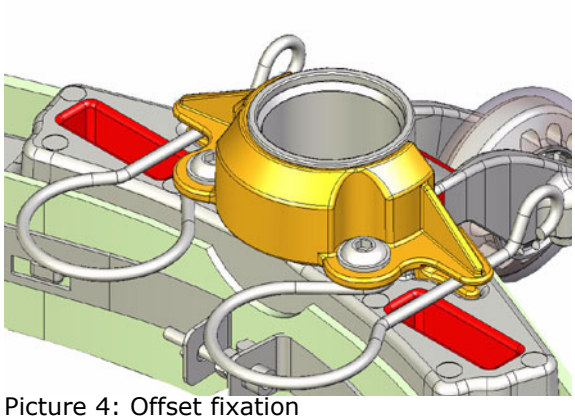
Apply lubricant locking on the screws (03/103).

5.1.3 Squeegee



Picture 3: Squeegee

5.1.3.1 Replacing of fixation spring



Picture 4: Offset fixation

Remove

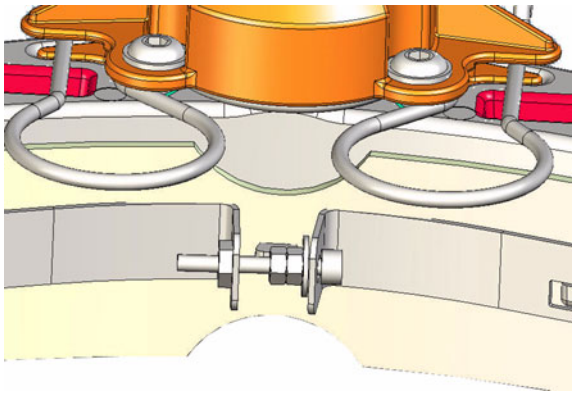
- Unscrew the 2 screws of the offset fixation.
- Remove the offset and the spring.
- Remove the spring from the offset.

Mount

- Assemble the new spring on the offset.
- Assemble the offset and the spring on the squeegee.
- Mount the screws of the offset.

5.1.3.2 Replacing of front blade

Remove

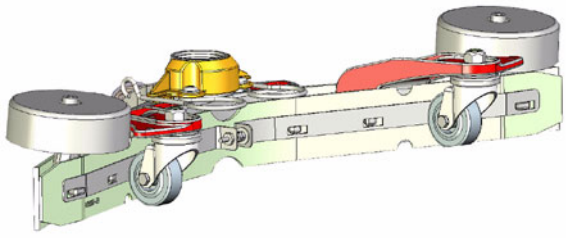


Picture 5: Front blade fixation

- Tighten fixation screw until the tightening strap can be removed (the pressure to the outer sides of the squeegee body will be reduced).
- Remove front blade.

Mount

- Position new front blade.



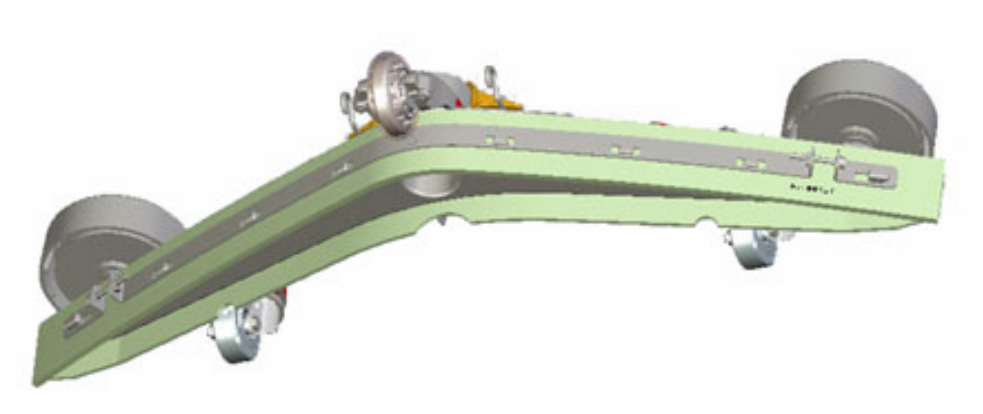
Picture 6: Tightening strap front blade

- Position tightening strap.
- Untighten fixation screw until the blade is proper fixed on the squeegee body.

⚠CAUTION *Ensure that the tightening strap is positioned correct (thin part to the bottom).*

If you over tighten the tightening strap it can bulge.

5.1.3.3 Replacing of back blade



Picture 7: Back blade

Remove

- Untighten the fixation screws on both sides to release the pressure.
- Remove the back blade.

Mount

- Position new back blade.
- Position tightening strap.
- Thighten fixation screws until the blade is proper fixed on the squeegee body.

Remarks

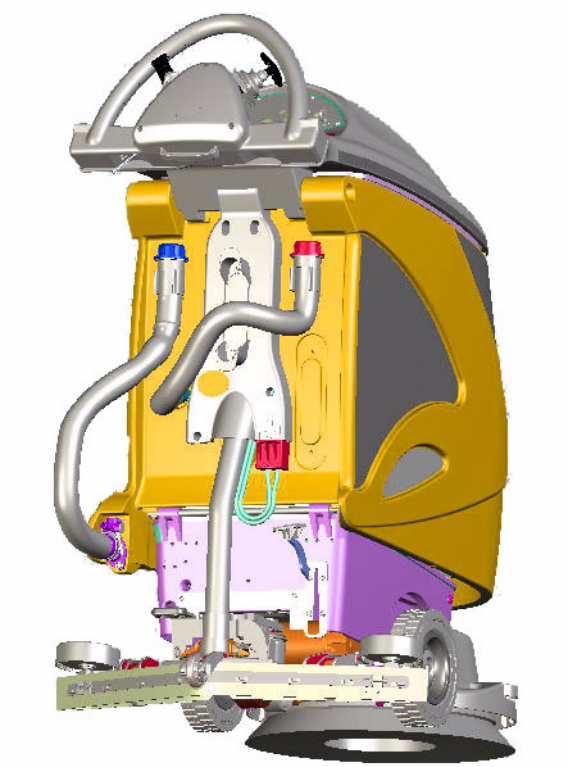
Pay attention that the tightening strap is positioned in the centre.

⚠CAUTION *Ensure that the tightening strap is positioned correct (thin part to the bottom).*

If you over tighten the tightening strap it can bulge.

5.1.4 Lower part & tank

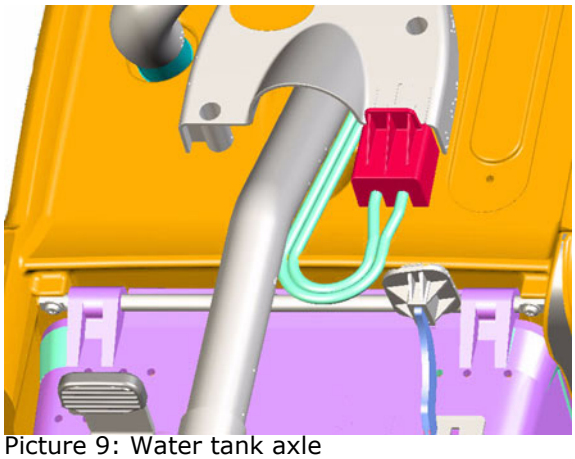
5.1.4.1 Replacing of tank



Picture 8: Tank

Remove

- Remove tank cover according to chapter REPLACING OF TANK COVER.
- Remove fresh water hose from tank.
- Remove rear panel.
- Unscrew charger jack from rear panel.
- Unlock battery compartment by removing screws from locking system.
- Open the battery compartment.
- Thread out wiring and hoses to the battery compartment.
- Close battery compartment.



Picture 9: Water tank axle

- Remove water tank fixation screws.
- Remove water tank from axle.
- Remove the existing parts from the tank and place it on the new one.

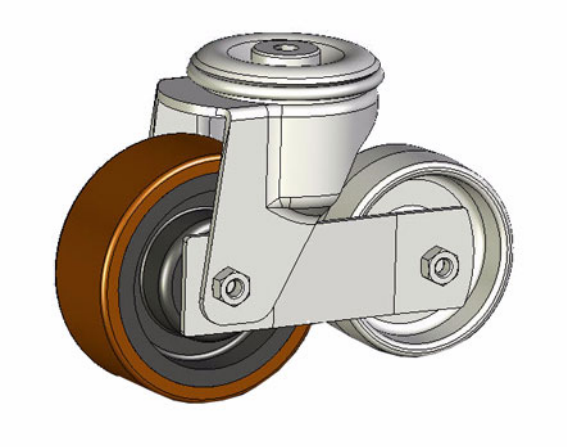
Mount

- Position the new water tank on the axle.
- Fix the water tank onto the axle with the two screws.
- Open the battery compartment.
- Thread in cables from the battery compartment.
- Assemble charger jack on the rear panel.
- Connect fresh water hose to the water tank.
- Assemble tank cover according to chapter REPLACING OF TANK COVER.
- Adjust battery compartment lock.
- Lock the battery compartment on both sides with the screws from the locking system.

Adjustment

Ensure that the screws of the lock can be properly positioned.

5.1.4.2 Replacing of castor wheel



Picture 10: Castor wheel

Remove

- Unlock battery compartment on the LH side by removing the screw from the locking system.
- Lay the machine on the LH side.
- Unlock battery compartment on the RH side by removing the screw from the locking system.
- Open the battery compartment.
- Untighten the fixation screw with a 19 mm fork spanner.
- Remove the complete castor wheel and squeegee support.

Mount

- Assemble castor wheel and squeegee support according to e-spares.
- Tighten the fixation screw with a 19 mm fork spanner.
- Lock battery compartment on the RH side with the screw of the locking system.
- Lift up the machine.
- Lock battery compartment on the LH side with the screw of the locking system.

Adjustment

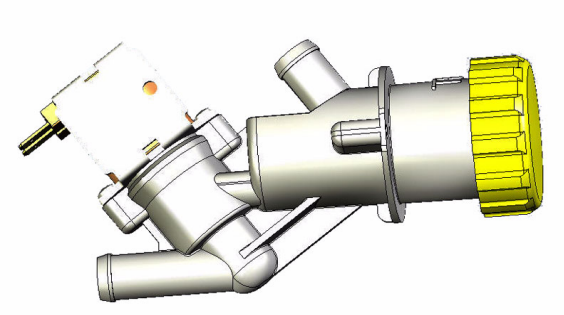
Tighten the screw with 70 Nm.

Service

Apply gear/bearing lubricant (05/134) on the bush (05/114).

Apply adhesive locking (05/133) on screw (05/104).

5.1.4.3 Replacing of filter 24V



Picture 11: Filter 24V

Remove

- Remove filter cover of filter 24V.

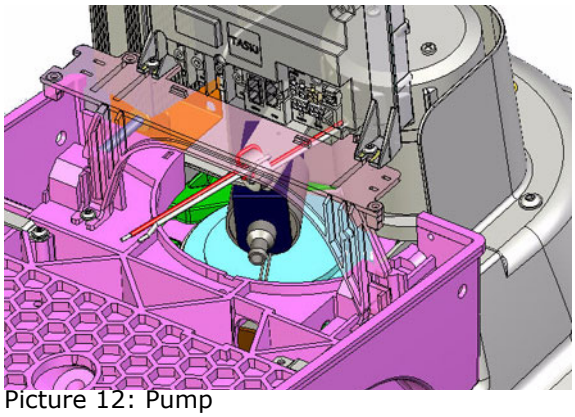
⚠CAUTION *Ensure that no water is in the fresh water system before you disconnect the hoses.*

- Remove fixation screws from chassis.
- Thread out filter 24V from the chassis.
- Disconnect the fresh water connection.
- Disconnect the wires from coil.
- Remove complete filter 24V.

Mount

- Take new filter 24V.
- Connect wires to coil.
- Connect fresh water hoses to the filter 24V.
- Thread in the filter 24V on the chassis.
- Position fixation screws an tighten them.
- Position filter cover on the filter 24V.

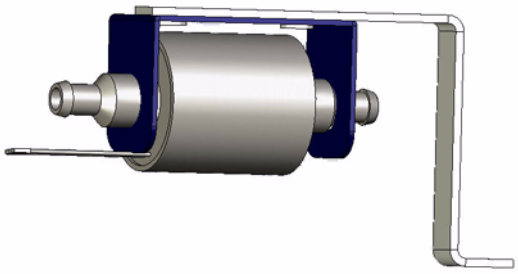
5.1.4.4 Replacing of pump



Picture 12: Pump

Remove

- Unlock battery compartment by removing the screws from the locking system.
- Open the battery compartment.
- Lower the brush drive unit to cleaning position without tool underneath.
- Unscrew brush housing fixation screws.
- Remove the brush housing to get access to the pump.
- Disconnect the pump wires.
- Unscrew hose clamps on both sides of the pump.
- Remove the fresh water hoses from the pump.



Picture 13: Pump

- Thread out pump from pump holder.

Mount

- Position new pump into pump holder.

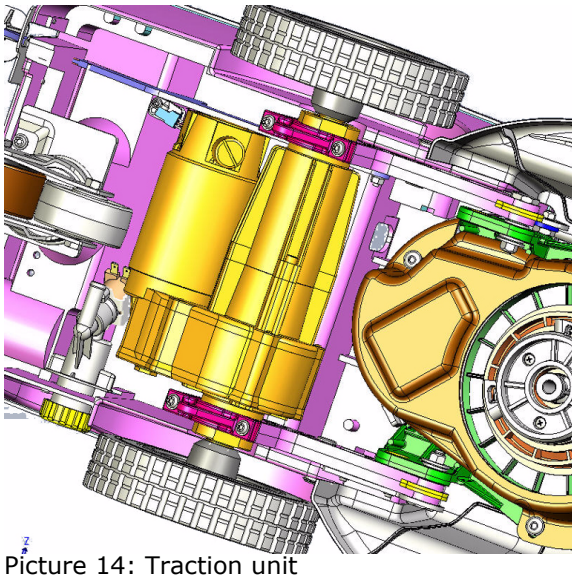
⚠CAUTION *Ensure that the pump is build in according to the water flow. The arrow on the pump indicates the water flow direction.*

- Connect fresh water hoses on the pump with the clamps.
- Connect wires to the pumps.
- Mount the brush housing.

- Position and tighten screws of brush housing.
- Close battery compartment.
- Lock battery compartment on both sides with the screws of the locking system.

5.1.5 Drive, Wheel group

5.1.5.1 Replacing of traction unit



Picture 14: Traction unit

Remove

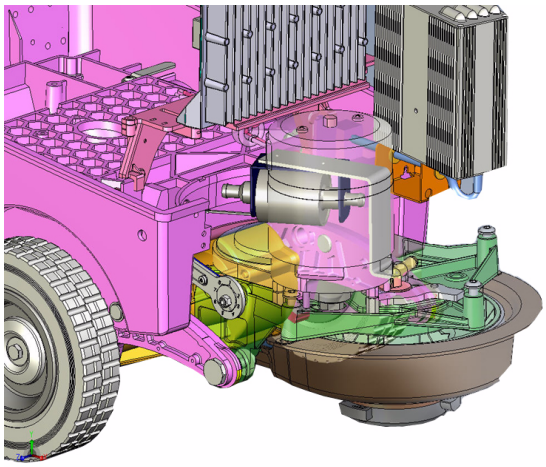
- Unlock battery compartment by removing screws from locking system.
- Open battery compartment.
- Disconnect traction unit from power electronics.
- Thread out cables from battery compartment.
- Close battery compartment.
- Lay machine to the LH side.
- Unscrew fixation brackets.
- Remove traction unit including traction wheels.

Mount

- Position new traction unit including traction wheels.
- Position and tighten fixation brackets.
- Lift up machine again.
- Open battery compartment.
- Thread in cables of traction unit into the battery compartment.
- Connect traction unit to power electronics.
- Look the battery compartment on both sides with the screws from the locking system.

5.1.6 Brush drive unit

5.1.6.1 Replacing of brush drive unit



Picture 15: Brush drive replacing

Remove

- Unlock battery compartment by removing screws from locking system.
- Open battery compartment.
- Put the brush drive unit in cleaning position.
- Unscrew brush housing fixation screws.
- Remove the brush housing from the brush drive unit.
- Disconnect pump wiring.
- Disconnect the fresh water hose from the pump.
- Disconnect the brush motor wires from power electronics.
- Remove self locking nuts (M8) on LH and RH from the bolts, holding brush drive unit to the cradle.
- Remove self locking nut (M6) at eccentric disc at the RH.
- Remove the eccentric disc.
- Remove the bolt and eccentric shaft.

⚠CAUTION *Make sure that you hold the brush drive unit firmly.*

- Pivot the complete brush drive unit out.

Mount

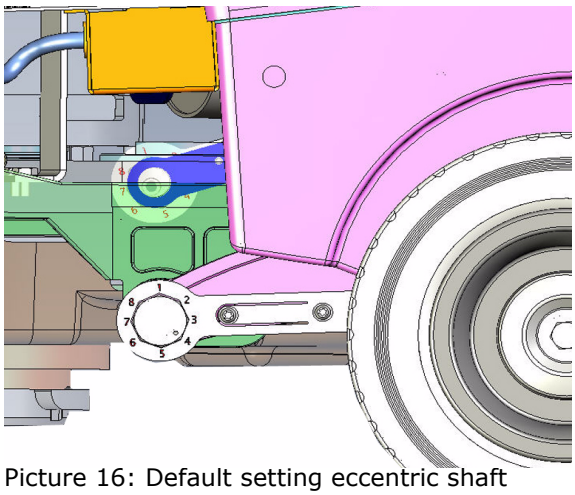
- Position the brush drive unit to the cradles.
- Position the bolt and the eccentric shaft.
- Position the eccentric disc.

Adjustment

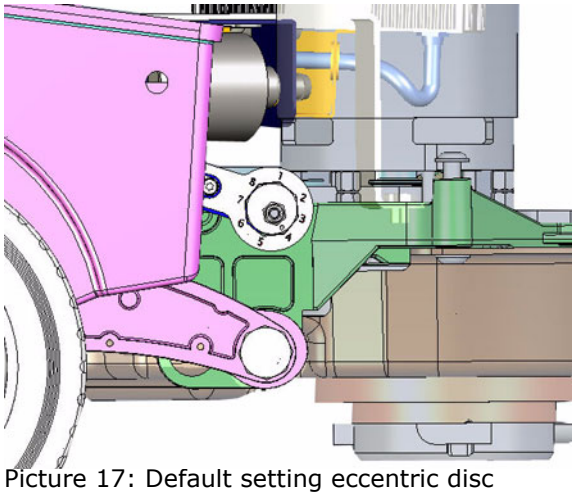
Default setting:
Eccentric disc (07/122): Position 4
Eccentric shaft (07/110): Position 4

Remarks

Based on data from the application department (Muenchwilen) the default setting is as mentioned. Changing this setting will not bring an improvement of the cleaning performance.



Picture 16: Default setting eccentric shaft



Picture 17: Default setting eccentric disc

- Position a new self locking nut (M6) at the eccentric disc.
- Position two new self locking nuts (M8) at the bolt, holding brush drive unit to cradle.
- Thighten all self locking nuts.

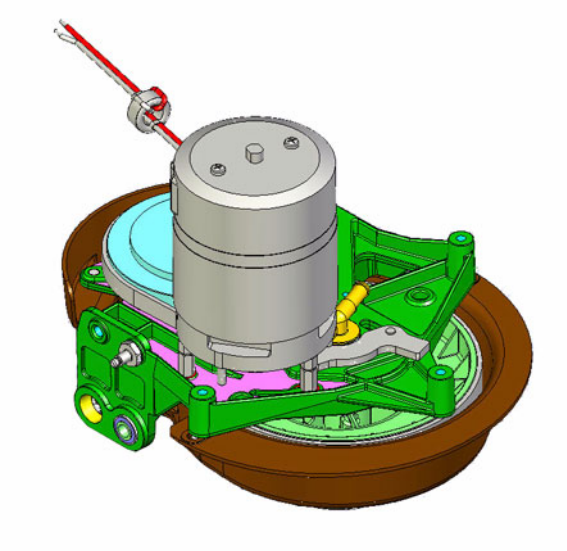
⚠CAUTION *Do not use the locking lever (07/116) to tighten the eccentric shaft (07/110)*

- Connect the brush motor to the power electronics.

⚠CAUTION *Connect the wires of the brush motor matching the colours.*

- Connect the fresh water hose to the pump.
- Connect the pump wires.
- Position the brush housing on the brush drive unit.
- Position the brush housing screws and tighten them.
- Close and lock battery compartment with the screws of the looking system.

5.1.7 Brush drive

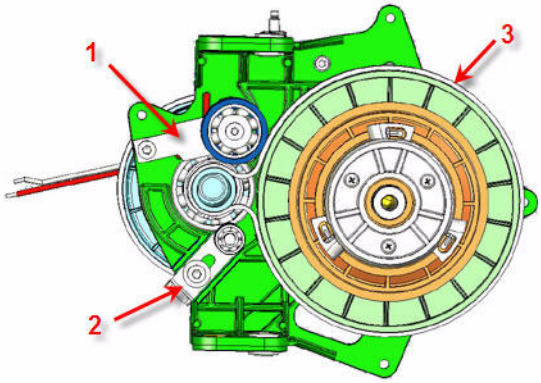


Picture 18: Brush drive

5.1.7.1 Replacing of brush belt

Remove

- Remove brush drive unit according to chapter REPLACING OF BRUSH DRIVE UNIT.
- Position brush drive unit upside down.
- Remove the three screws (08/137) of cover.
- Remove the cover (08/129).



Picture 19: Remove belt

1 Untighten belt tensioning roller and remove it.
2 Remove the small tensioning roller.
3 Remove the belt.

Mount

- Position new belt carefully.
- Mount the small tensioning roller and push it to the limit.
- Thighten the fixation screw of the small tensioning roller.
- Position the tensioning roller on the brush base plate.
- Position the fixation screw and tighten it only as much as required to move over the brush base plate nozzle.
- Move the tensioning roller with a 17 mm fork spanner over the nozzle on the brush base plate.

Remarks

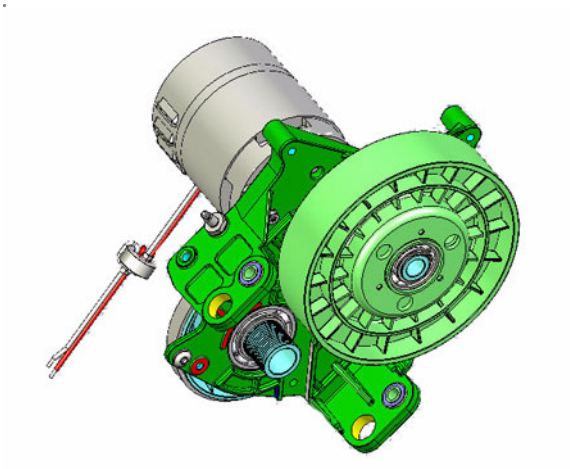
If you can not get over the nozzle you can adjust the small tensioning roller slightly.

- Thighten the fixation screw of the tensioning roller completely.
- Position the cover on the brush drive unit.
- Position and tighten the fixation screws of cover.

⚠CAUTION *Ensure that the belt does not touch the cover.*

- Complete assembling according to the chapter REPLACING OF BRUSH DRIVE UNIT.

5.1.7.2 Replacing of pulley



Picture 20: Brush pulley

Remove

- Remove brush drive unit according to chapter REPLACING OF BRUSH DRIVE UNIT.
- Remove brush belt according to chapter REPLACING OF BRUSH BELT.
- Remove the three screws (08/136) of the coupling.
- Remove the coupling from brush drive pulley.
- Remove the catch (08/131).
- Remove the centre plug (08/134) and the sealing ring (08/130).
- Remove the retaining ring (08/141).
- Remove the pulley (08/127).

Mount

- Mount the new pulley.
- Position the retaining ring.

Service

Apply lubricant on the sealing ring (08/130).

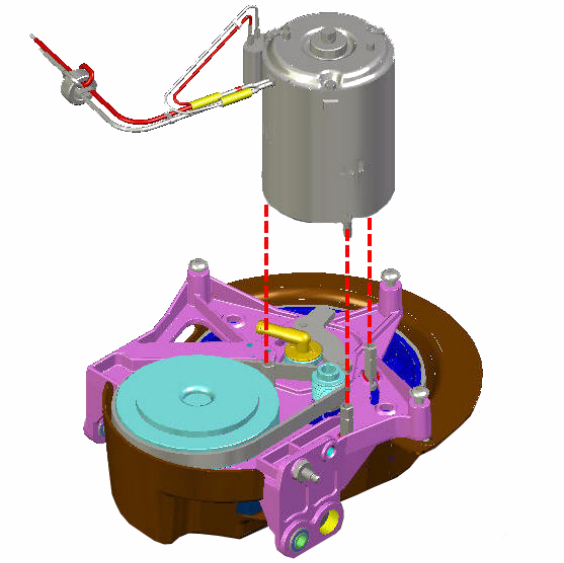
- Position the sealing ring and the centre plug.
- Position the catch.
- Position the coupling.
- Fix the coupling with the three screws.

Service

Thighen the screws (8/136) with 2.3 Nm.

- Complete assembling according to the chapter REPLACING OF BRUSH BELT.
- Complete assembling according to the chapter REPLACING BRUSH DRIVE UNIT.

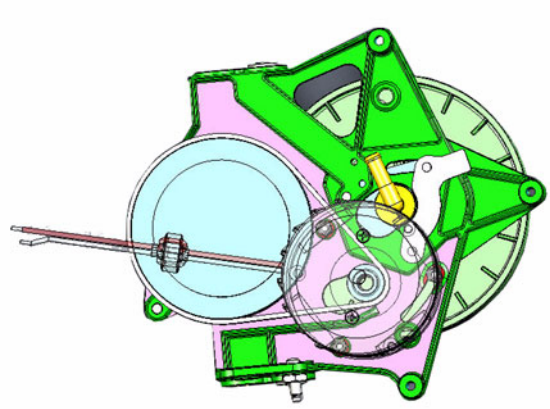
5.1.7.3 Replacing of motor & motor belt



Picture 21: Motor belt

Remove

- Remove brush drive unit according to chapter REPLACING OF BRUSH DRIVE UNIT.
- Remove brush belt according to chapter REPLACING OF BRUSH BELT.
- Remove brush pulley according to chapter REPLACING OF PULLEY.
- Remove the two screws (09/134) and the one counter head screw (09/135).
- Remove the motor and the motor belt.



Picture 22: Motor belt

Mount

- Position the new motor/new belt.

⚠CAUTION *Take care that the belt is positioned correctly.*

- Insert the counter head screw.
- Position the two other screws.

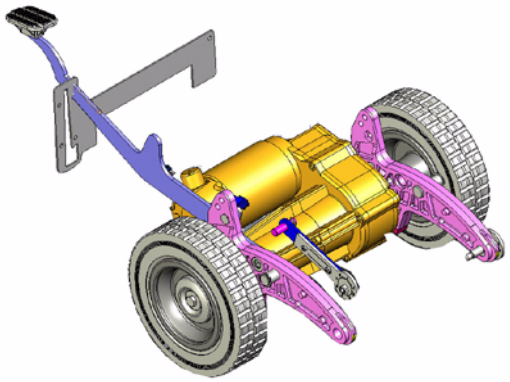
Service

Apply adhesive looking on the screws (09/134).

- Tension the belt.
- Tighten all screws.
- Complete assembling according to the chapter REPLACING OF PULLEY BELT.
- Complete assembling according to the chapter REPLACING OF BRUSH BELT.
- Complete assembling according to the chapter REPLACING OF BRUSH DRIVE UNIT.

5.1.8 Tool lowering unit

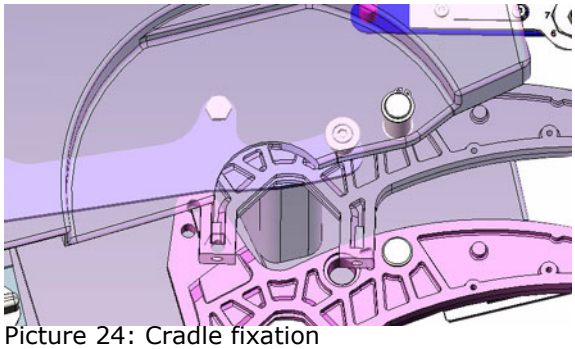
5.1.8.1 Replacing of foot lever



Picture 23: Tool lowering

Remove

- Remove brush drive unit according to chapter REPLACING OF BRUSH DRIVE UNIT.
- Remove traction unit according to chapter REPLACING OF TRACTION UNIT.
- Remove pedal pad from foot lever.
- Unplug microswitch.
- Unscrew microswitch fixation.
- Remove microswitch.
- Remove retaining ring (07/107) for axle (07/112).
- Remove axle (07/112) on RH side for cradle.



Picture 24: Cradle fixation

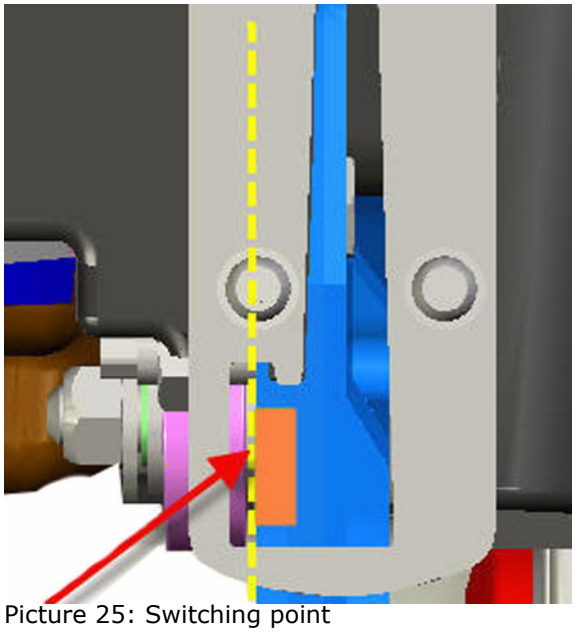
- Remove the cradle and foot lever from the chassis.
- Remove nuts (07/113) and (07/126).
- Remove the foot lever (07/104).

Mount

- Build in new foot lever.
- Position and tighten nuts (07/113) and (07/126).
- Position cradle and foot lever in the correct position.
- Assemble axle (07/112) for cradle.
- Assemble microswitch and adjust accordingly.

Adjustment

The foot lever switch has to apply when the foot lever passes the centre of the LH side of the stop plate squeegee (07/102)



Picture 25: Switching point

- Connect microswitch.
- Assemble pedal pad on the foot lever.
- Complete assembling according to the chapter REPLACING OF TRACTION UNIT.
- Complete assembling according to the chapter REPLACING OF BRUSH DRIVE UNIT.

Technical Manual

6 Electrical

15. March 2010 Edition: V1.00/2010

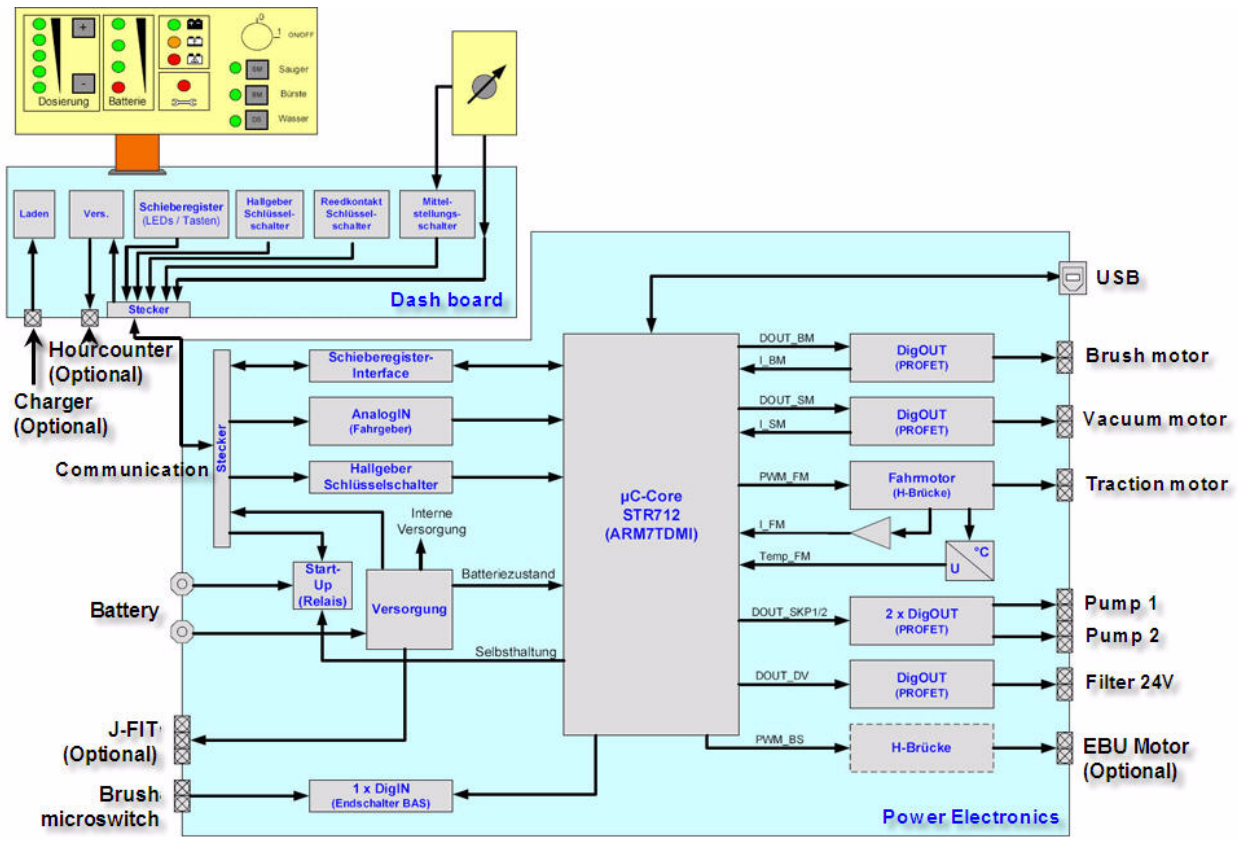
6 Electrical

6.1 System architecture

6.1.1 General

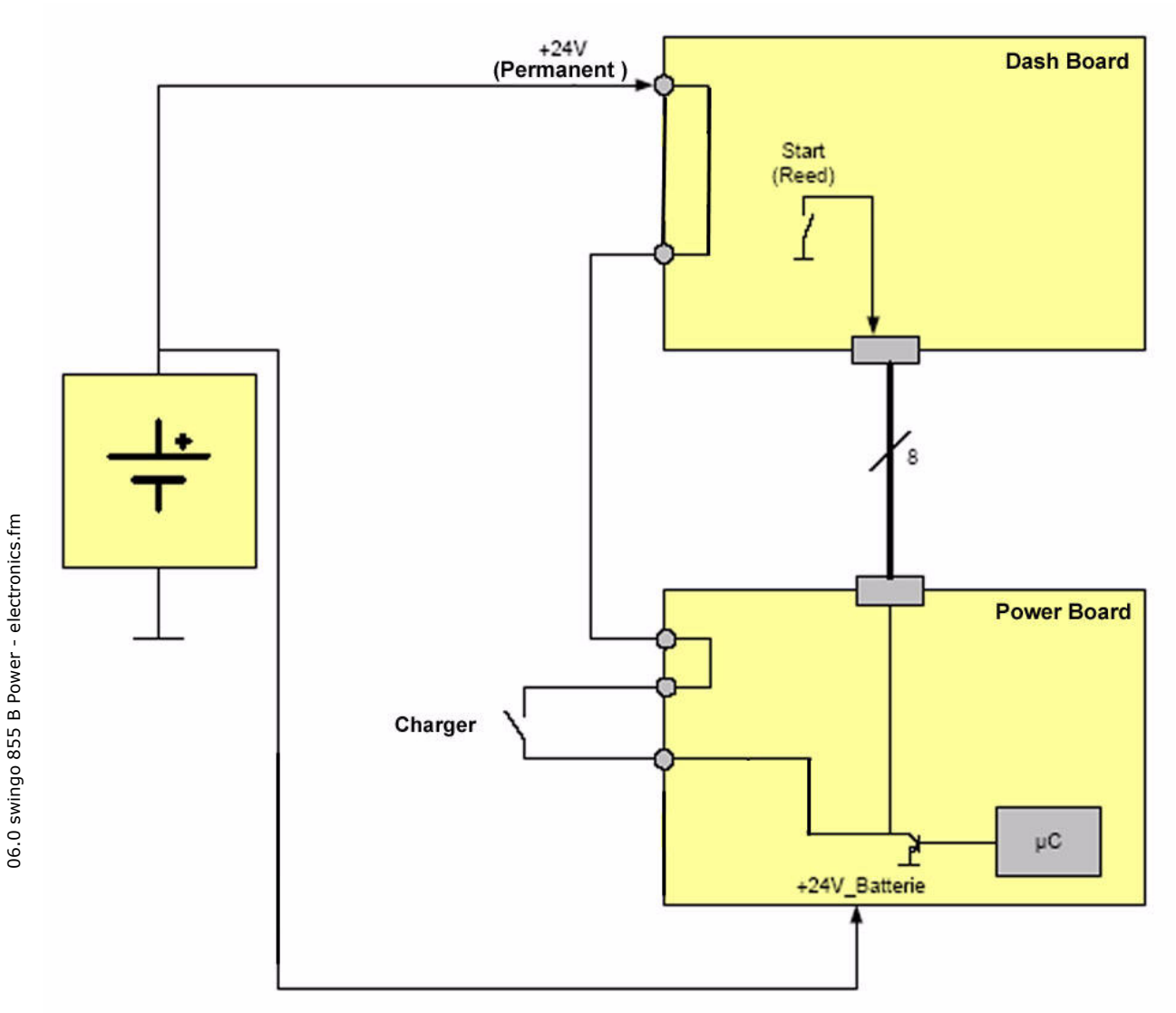
- The firmware is memorised only on the power electronics.
- Applying the correct torque where required is essential for a safe operation of the machine.
- ESD can harm the electronic boards and therefore reduce the life time of the machine. Use always an ESD bag to protect the electronics.

6.1.2 System overview



Picture 1: System overview

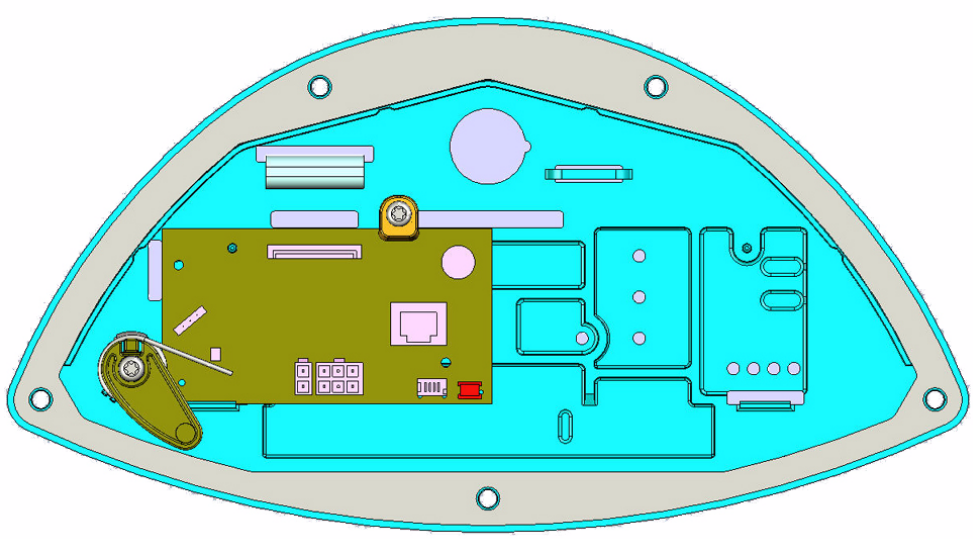
6.1.3 Emergency loop



Picture 2: Emergency loop

6.2 Electrical sequences

6.2.1 Dashboard



Picture 3: Dashboard

6.2.1.1 Replacing of dashboard

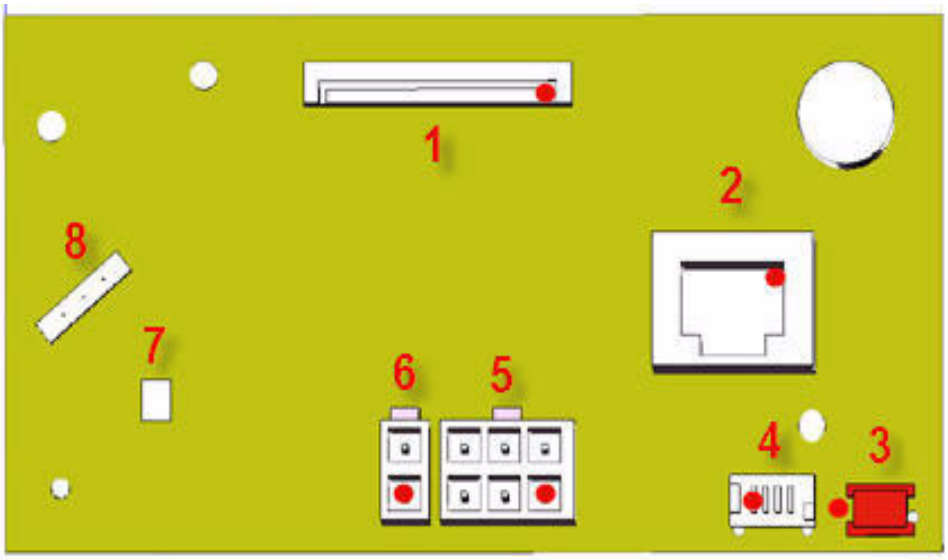
Remove

- Remove the 5 screws of the dashboard.
- Dismount dashboard from machine.
- Disconnect all electrical connections.

Mount

- Connect electrical connections to dashboard.
- Mount dashboard on machine.
- Fix the dashboard with the 5 screws to the machine.

6.2.1.2 Connections



Picture 4: Dashboard connectors

Pos.	Plug	Description [plug]	Pin	Description [pin]
1	X8	Membrane keypad	1	+5V
1	X8	Membrane keypad	2	+5V
1	X8	Membrane keypad	3	Dosing plus (+)
1	X8	Membrane keypad	4	Dosing minus (-)
1	X8	Membrane keypad	5	Dosing ON/OFF
1	X8	Membrane keypad	6	Dosing ON/OFF
1	X8	Membrane keypad	7	LED vacuum motor
1	X8	Membrane keypad	8	LED Dosing level 5
1	X8	Membrane keypad	9	LED Dosing level 4
1	X8	Membrane keypad	10	LED Dosing level 3
1	X8	Membrane keypad	11	LED Dosing level 2
1	X8	Membrane keypad	12	LED Dosing level 1
1	X8	Membrane keypad	13	LED Battery capacity level 4 - green
1	X8	Membrane keypad	14	LED Battery capacity level 3 - green
1	X8	Membrane keypad	15	LED Battery capacity level 2 - green
1	X8	Membrane keypad	16	LED Battery capacity level 1 - green
1	X8	Membrane keypad	17	LED Battery capacity level 1 - red
1	X8	Membrane keypad	18	LED Service
1	X8	Membrane keypad	19	LED charger - charged - green

Table 1: Dashboard connector description

Pos.	Plug	Description [plug]	Pin	Description [pin]
1	X8	Membrane keypad	20	LED charger - charge - yellow
1	X8	Membrane keypad	21	LED charger - charge failed - red
1	X8	Membrane keypad	22	GND
2	X1	Communication	1	Throttle signal
2	X1	Communication	2	Serial - OUT
2	X1	Communication	3	Serial - CLK
2	X1	Communication	4	Serial - LATCH
2	X1	Communication	5	Serial - IN
2	X1	Communication	6	Start signal
2	X1	Communication	7	+5V
2	X1	Communication	8	GND
2	X1	Communication	9 (Housing)	GND
2	X1	Communication	10 (Housing)	GND
3	X7	Throttle hall sensor (option for old hall sensor ribbon cable)	1	Throttle (blue wire)
3	X7	Throttle hall sensor (option for old hall sensor ribbon cable)	2	GND
3	X7	Throttle hall sensor (option for old hall sensor ribbon cable)	3	+5V
3	X7	Throttle hall sensor (option for old hall sensor ribbon cable)	4	Microswitch (parking = open)
4	X9	Throttle hall sensor	1	Throttle (blue wire)

Table 1: Dashboard connector description

Pos.	Plug	Description [plug]	Pin	Description [pin]
4	X9	Throttle hall sensor	2	GND
4	X9	Throttle hall sensor	3	+5V
4	X9	Throttle hall sensor	4	Microswitch (parking = open)
5	X6	Charger communication	1	Information charge - yellow
5	X6	Charger communication	2	Information charged - green
5	X6	Charger communication	3	Information charge failed - red
5	X6	Charger communication	4	Emergency loop IN (Jumper for NON BMS)
5	X6	Charger communication	5	Emergency loop OUT (Jumper for NON BMS)
5	X6	Charger communication	6	GND
6	X5	Emergency loop	1	24V Permanent
6	X5	Emergency loop	2	Emergency loop
7	B1	Hall sensor	1	Power hold
8	S1	Reed contact	1	Machine start

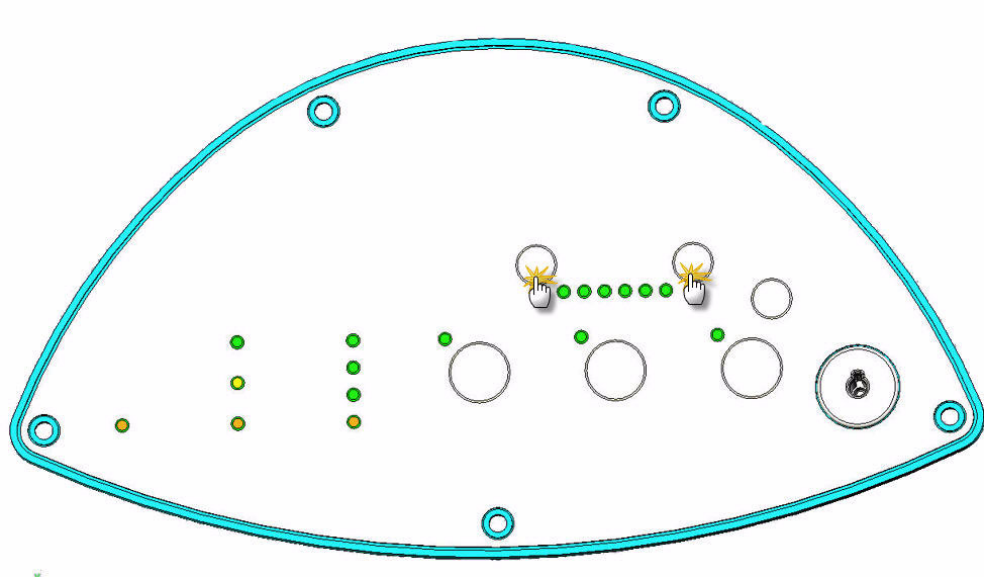
Table 1: Dashboard connector description

6.2.2 Dashboard service menu

The swingo 855B has no dashboard service functionality except the reset of the service hour counter.

6.2.2.1 Reset service LED

To reset the service hour counter LED you have to perform following steps:



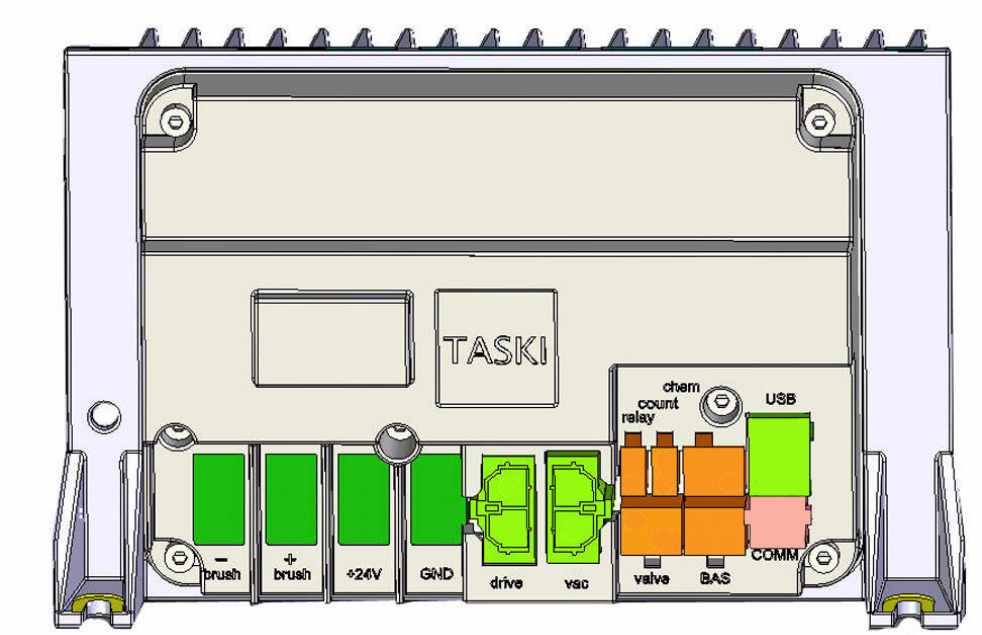
Picture 5: Reset service hour LED

- Switch ON the machine
- Service hour counter LED has to be ON.
- Press the buttons dosing (+) and dosing (-) until the service LED switches OFF.
  - After approximately 3 seconds it starts flashing.
  - Flashing stops after approximately 2 seconds.
  - Service hour counter is reset.

Remarks

You also can reset the service hour counter with the Service Tool online. Please refer to the Service Tool Manual for this and additional explanations.

6.2.3 Power electronics



Picture 6: Power electronics

6.2.3.1 Replacing of power electronics

Remove

- Loosen the two screws that fix the power electronics to the support.
- Move out the power electronics.
- Disconnect wires and connectors.
- Remove power electronics.

Mount

- Take new power electronics.
- Connect wires and connectors to power electronics.
- Position power electronics on the support.
- Tighten the two screws.

⚠CAUTION *Tighten the connectors with the correct torque.*

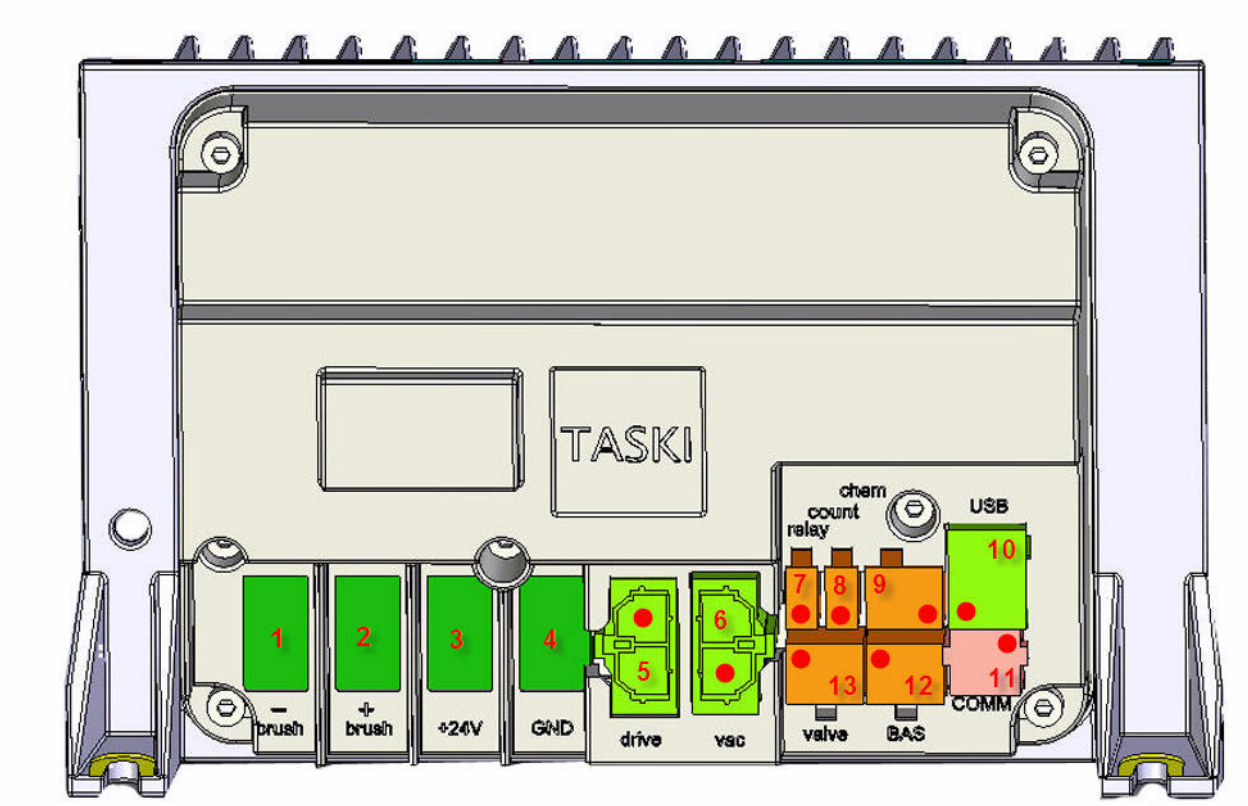
Adjustment

- M5 (05/121) with 5 Nm
  - Battery minus
  - Brush minus

- M6 (05/124) with 7 Nm
  - Brush plus

- M4 (05/127) with 2.5 Nm
- Battery plus

6.2.3.2 Connections



Picture 7: Power electronics connector

06.0 swingo 855 B Power - electronics.fm

Pos.	Plug	Description [plug]	Pin	Description [pin]
1	X15	Brush motor - Minus (-)	1	Minus (-)
2	X13	Brush motor - Plus (+)	1	Plus (+)
3	X14	Battery - 24V	1	24V
4	X16	Battery - GND	1	GND
5	X1	Drive motor	1	Minus (-)
5	X1	Drive motor	2	Plus (+)
6	X2	Vacuum motor	1	Plus (+)
6	X2	Vacuum motor	2	Minus (-)
7	X8	Emergency loop	1	Emergency loop - IN
7	X8	Emergency loop	2	Emergency loop - OUT
8	X12	External hour counter (Optional)	1	Plus
8	X12	External hour counter (Optional)	2	Minus
9	X17	TASKI J-FIT (Optional)	1	Power On
9	X17	TASKI J-FIT (Optional)	2	Power On
9	X17	TASKI J-FIT (Optional)	3	PWM J-FIT OUT
9	X17	TASKI J-FIT (Optional)	4	GND
10	X9	USB port	1	VCC USB
10	X9	USB port	2	Minus
10	X9	USB port	3	Plus
10	X9	USB port	4	GND

Table 2: Power electronics connector description

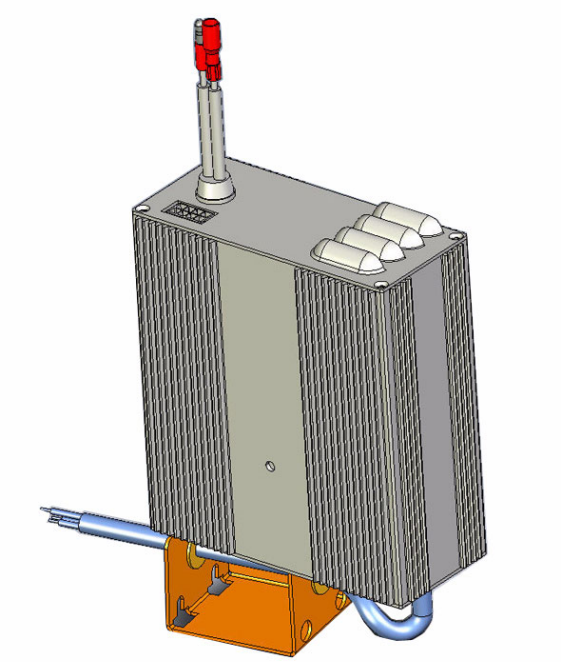
Pos.	Plug	Description [plug]	Pin	Description [pin]
10	X9	USB port	5 (Housing)	GND
11	X7	Communication	1	Throttle
11	X7	Communication	2	Serial - OUT
11	X7	Communication	3	Serial - CLK
11	X7	Communication	4	Serial - LATCH
11	X7	Communication	5	Serial - IN
11	X7	Communication	6	Start signal
11	X7	Communication	7	+5V
11	X7	Communication	8	GND
11	X7	Communication	9 (Housing)	GND
11	X7	Communication	10 (Housing)	GND
12	X18	Electrical brush drive unit	1	Motor Plus
12	X18	Electrical brush drive unit	2	Motor Minus
12	X18	Electrical brush drive unit	3	EBU internal switch
12	X18	Electrical brush drive unit	4	EBU internal switch
12	X18	Electrical brush drive unit	5	Brush position switch (Transport = Closed)
12	X18	Electrical brush drive unit	6	Minus (-)
13	X4	Pump 1	1	Duty cycle Pump 1 (1255)
13	X4	Pump 2	2	Duty cycle Pump 2 (755/855 and 1255)
13	X4	Filter 24V	3	Plus (+)

Table 2: Power electronics connector description

Pos.	Plug	Description [plug]	Pin	Description [pin]
13	X4	Pumps/Filter 24V	4	GND (1255)
13	X4	Pumps/Filter 24V	5	GND (755/855 and 1255)
13	X4	Pumps/Filter 24V	6	GND (Valve)

Table 2: Power electronics connector description

6.2.4 Charger



Picture 8: Charger

6.2.4.1 Replacing of charger

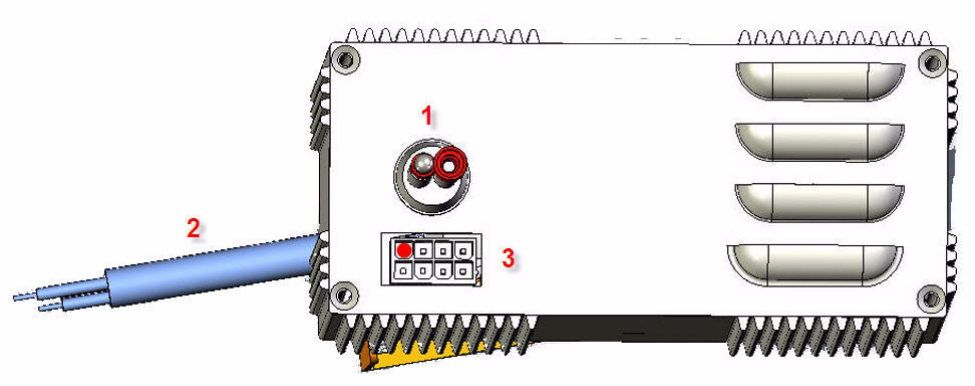
Remove

- Remove connector from charger.
- Disconnect battery connection and thread out wires.
- Unscrew main cord connection and thread out cable.
- Untighten screws at the bottom to remove charger.

Mount

- Position charger and tighten screws at the bottom.
- Thread in main cord and fix it to the connection block.
- Thread in battery wires and connect accordingly to the colours.
- Connect the communication cable to the charger.

6.2.4.2 Connections



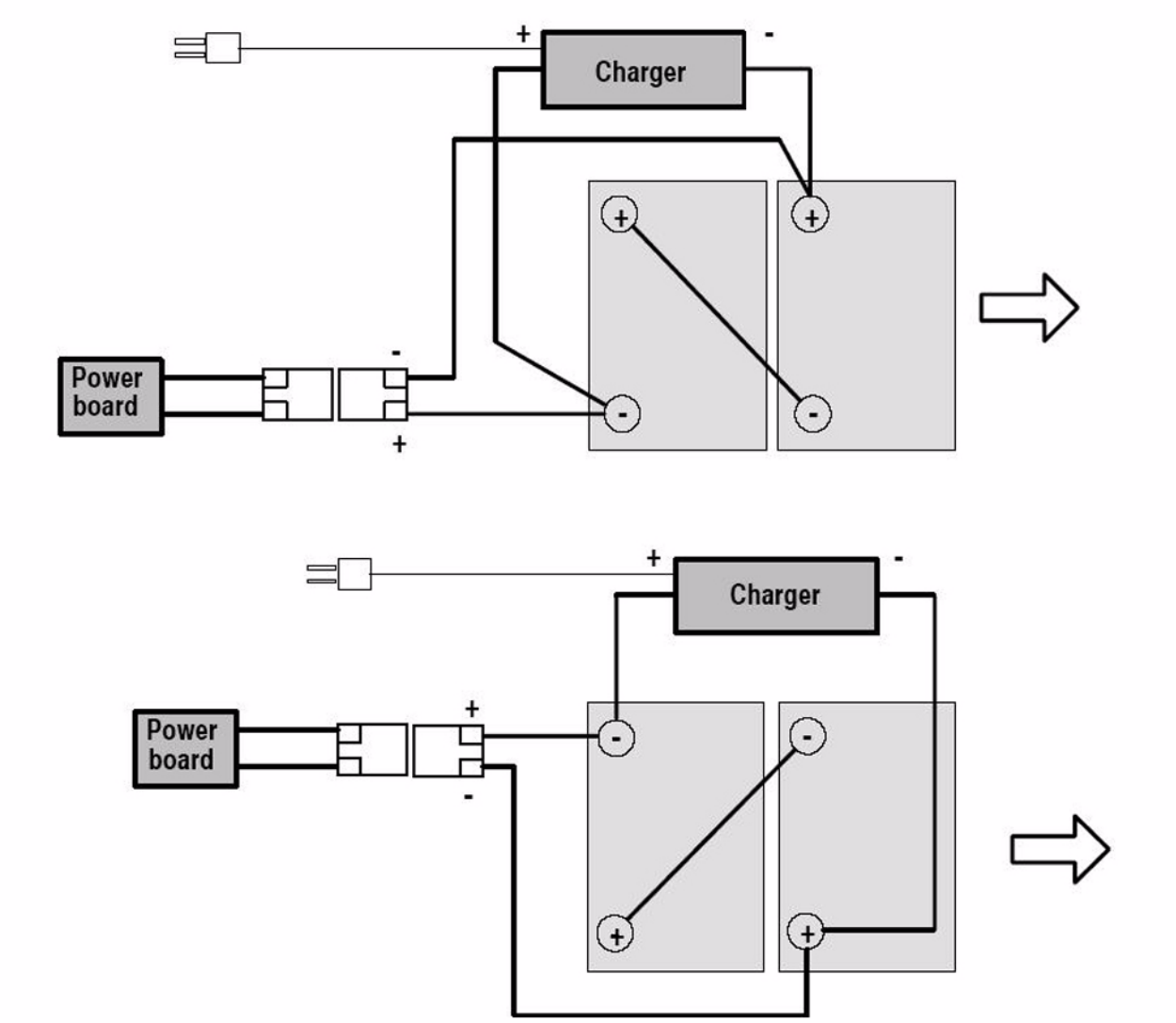
Picture 9: Charger connectors

Pos.	Plug	Description [plug]	Pin	Description [pin]
1	B1	Battery charge (red)	1	Battery charge - Plus (+)
1	B1	Battery charge (black)	2	Battery charge - Minus (-)
2	S3	Power main cord	1	Phase
2	S3	Power main cord	2	Neutral
2	S3	Power main cord	3	GND
3	X7	Charger communication	1	Not connected
3	X7	Charger communication	2	Not connected
3	X7	Charger communication	3	Emergency loop IN
3	X7	Charger communication	4	Emergency loop OUT
3	X7	Charger communication	5	GND
3	X7	Charger communication	6	Information charge failed
3	X7	Charger communication	7	Information charge
3	X7	Charger communication	8	Information charged

Table 3: Charger connector description

6.3 Schematics/System

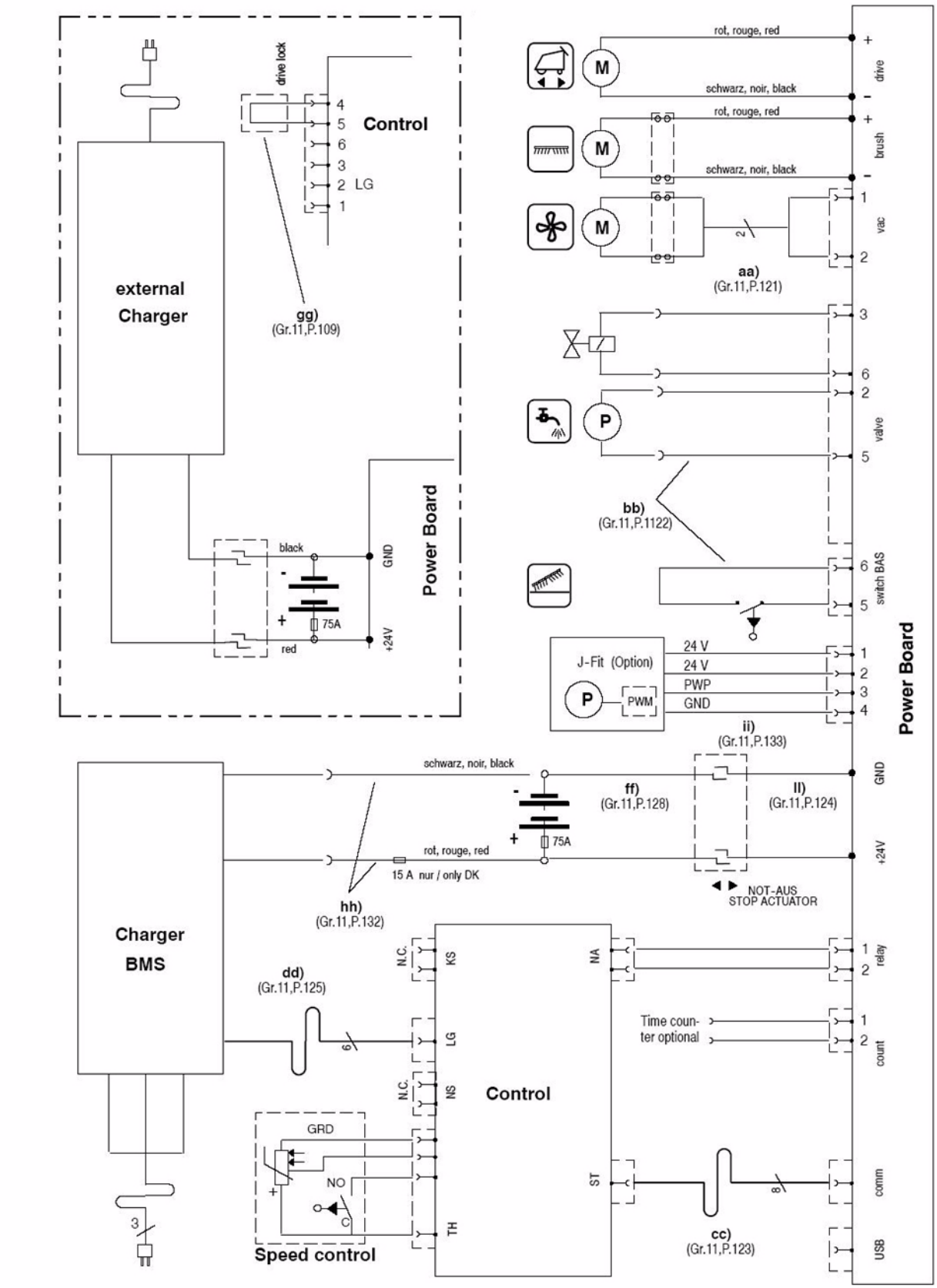
6.3.1 Battery connection



06.0 swingo 855 B Power - electronics.fm

Picture 10: Battery connection

6.3.2 Electrical schematic



Picture 11: Electrical schematic

Technical Manual

7 Additional information

15. March 2010 Edition: V1.00/2010

7 Additional information

7.1 Available GTS Newsletter/Instructions

Newsletter	Date of issue	Topic/Modification	Machine version	Serial number	Tool	SKU tool

Table 1: Newsletters/Instructions

Technical Manual

8 Revision

15. March 2010 Edition: V1.00/2010

8 Revision

Date	Chapter	Content	Description	Revision

Table 1: Revision

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10 Notes

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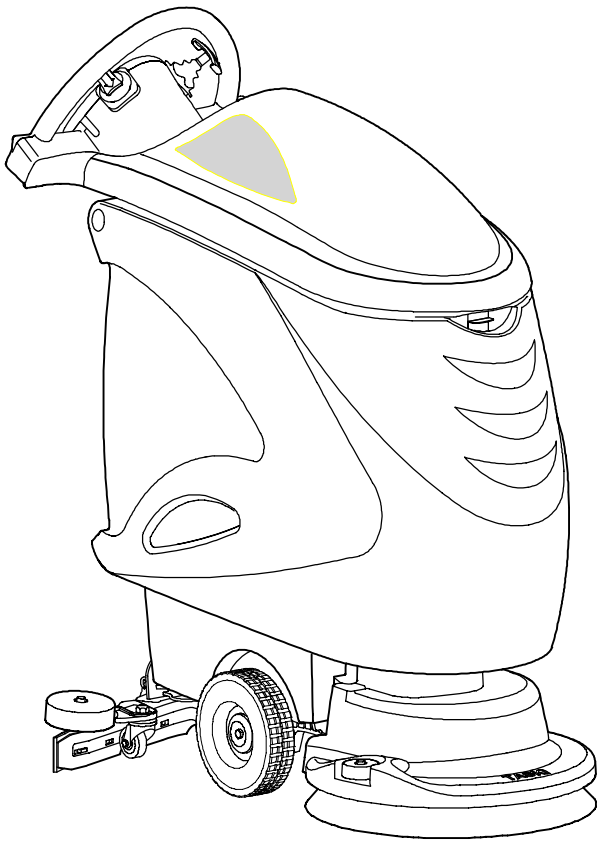
TASKI®
Diversey

Ersatzteilliste
Liste des pièces de rechange
Spare parts list

TASKI swingo 755 B, 855 B



Diversey
Postfach CH 9542 Münchwilen
Telefon +41 71 969 27 27 Fax +41 71 969 22 53

Ausführung/Execution; List(e) /3
06.09.2013 SPS

Modell – Uebersicht

Résumé des différents modèles

Overview for the versions

TASKI swingo 755 B, 855 B

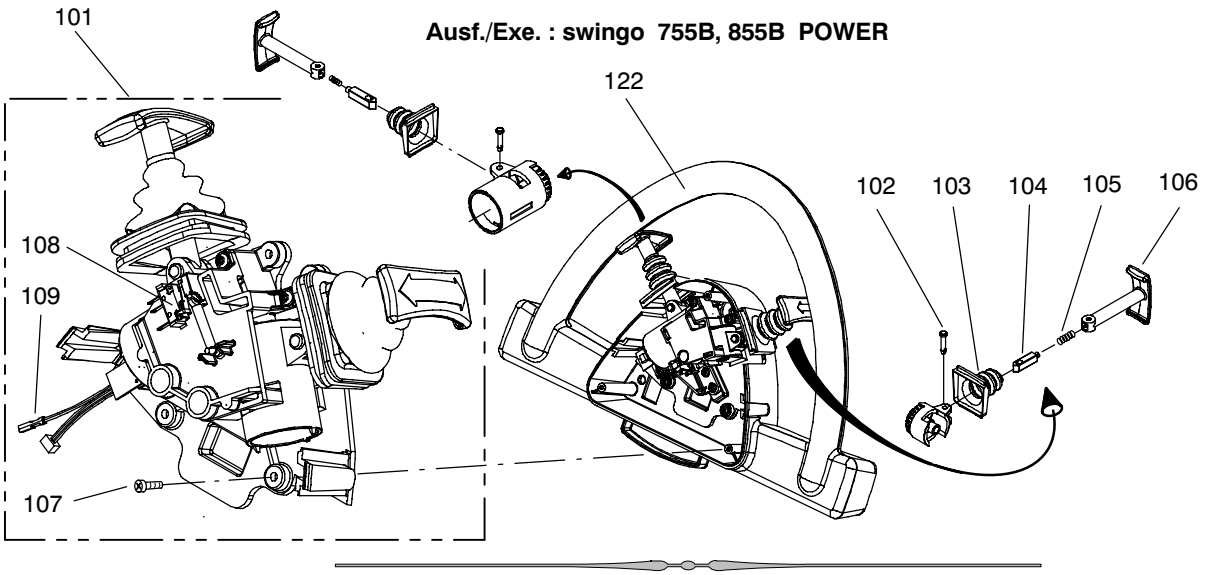
TASKI swingo		Type	WD	CSD	BMS	EBU	Serie
7516823	755 B ECO	CO755.0					02
7516824	755 B Power	CO755.1	X	X			02
7516825	755 B ECO BMS EURO	CO755.0X			X		02
7516826	755 B Power BMS EURO	CO755.1X	X	X	X		02
7516827	755 B ECO BMS UK	CO755.0X			X		02
7516828	755 B Power BMS UK	CO755.1X	X	X	X		02
7517022	755 B ECO BMS SEV	CO755.0X			X		02
7517023	755 B Power BMS SEV	CO755.1X	X	X	X		02
7517179	755 B ECO BMS DK	CO755.0X			X		02
7517180	755 B Power BMS DK	CO755.1X	X	X	X		02
7517714	755 B ECO BMS NA	CO755.1X			X		02
7517571	855 B Power	CO855.1	X	X			02
7517572	855 B Power BMS EURO	CO855.1X	X	X	X		02
7517573	855 B Power BMS UK	CO855.1X	X	X	X		02
7517574	855 B Power BMS DK	CO8551X	X	X	X		02
7517742	855 B Power BMS NA	CO855.1X	X	X	X		02
7517821	855 B Power BMS SEV	CO855.1X	X	X	X		02
7522642	855 B ECO BMS EURO	CO855.0X			X		02

WD	Radantrieb	Wheel drive
CSD	Dosiersystem	Cleaning Solution Dosing
BMS	Battery Management System	Battery Management System

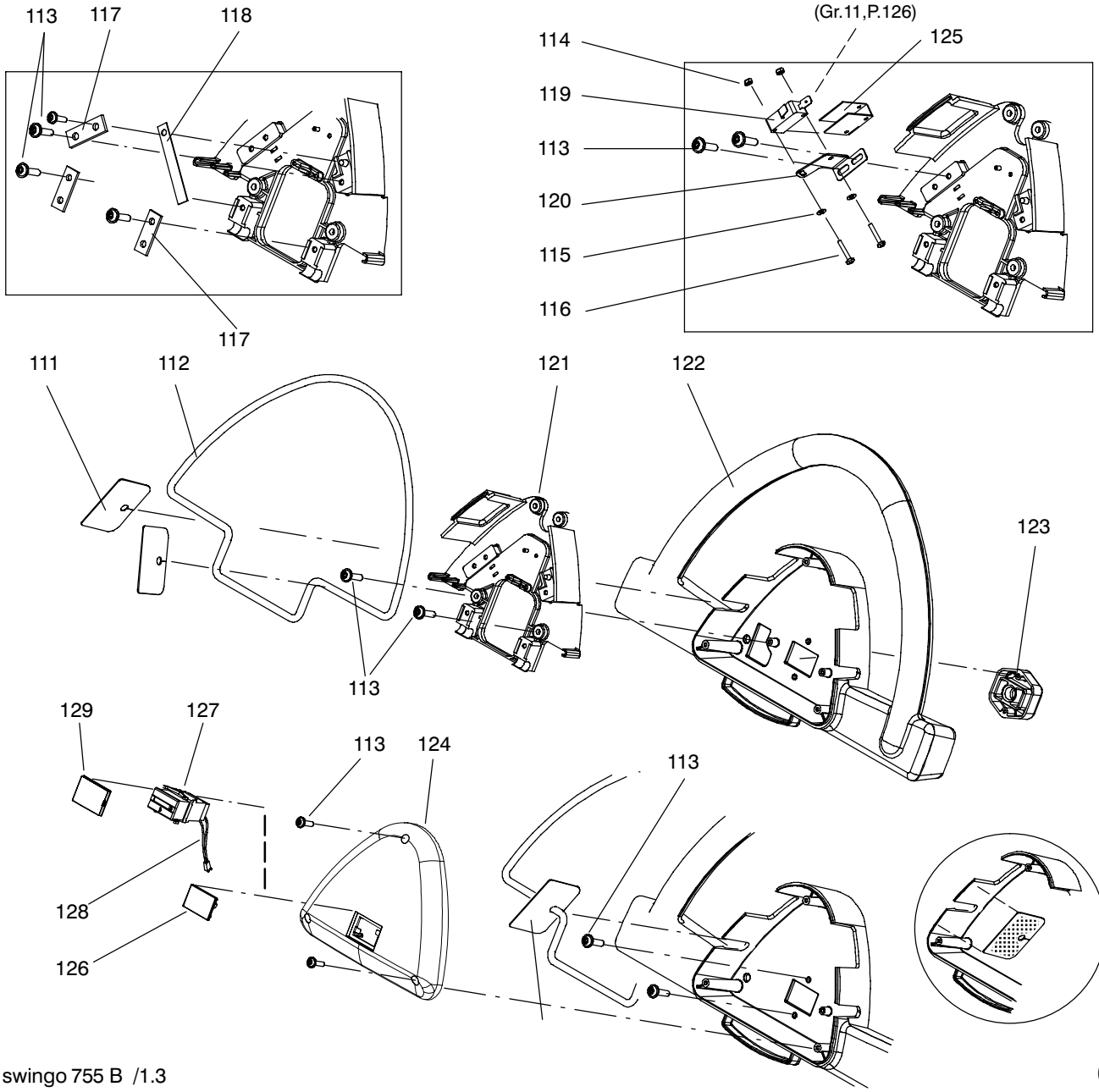
TASKI swingo 755B, 855B

S007174					TASKI swingo 755B, 855B	TASKI swingo 755B, 855B	TASKI swingo 755B, 855B
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
1	S007175			1.00	Griff	Poignée	Handle
2	S007176			1.00	Oberteil	Partie supérieure	Upper part
3	S007177			1.00	Düsenabsenkung	Dispositif remontée suceur	Squeegee lowering mechanism
4	S007178			1.00	Saugdüse	Suceur	Squeegee
5	S007179			1.00	Unterbau	Partie intérieure	Lower part
6	S007180			1.00	Radantrieb, Radpartie	Entraînement, Partie des roues	Drive, Wheel group
7	S007181			1.00	Bürstenabsenkung	Dispositif des brosses	Tool lowering unit
8	S007182			1.00	Bürstenantrieb	Entraînement des brosses	Brush drive
9	S007183			1.00	Tank, Antrieb	Réservoir, D'entraînement	Tank, Brush Drive
10	S007184			1.00	Schläuche, Ventile/Filter	Tubes, Soupapes/Filtres	Tubes, Valves/Filters
11	S007185			1.00	Diverse Ersatzteile	Pièces détachées diverses	Various spare parts
12	S007186			1.00	Elektroschema Power	Schéma électrique Power	Electrical diagram Power
13	S007187			1.00	Elektroschema ECO	Schéma électrique ECO	Electrical diagram ECO
14	S007260			1.00	Batterie Anschlüsse	Connectionnes des batteries	Batterie Connections

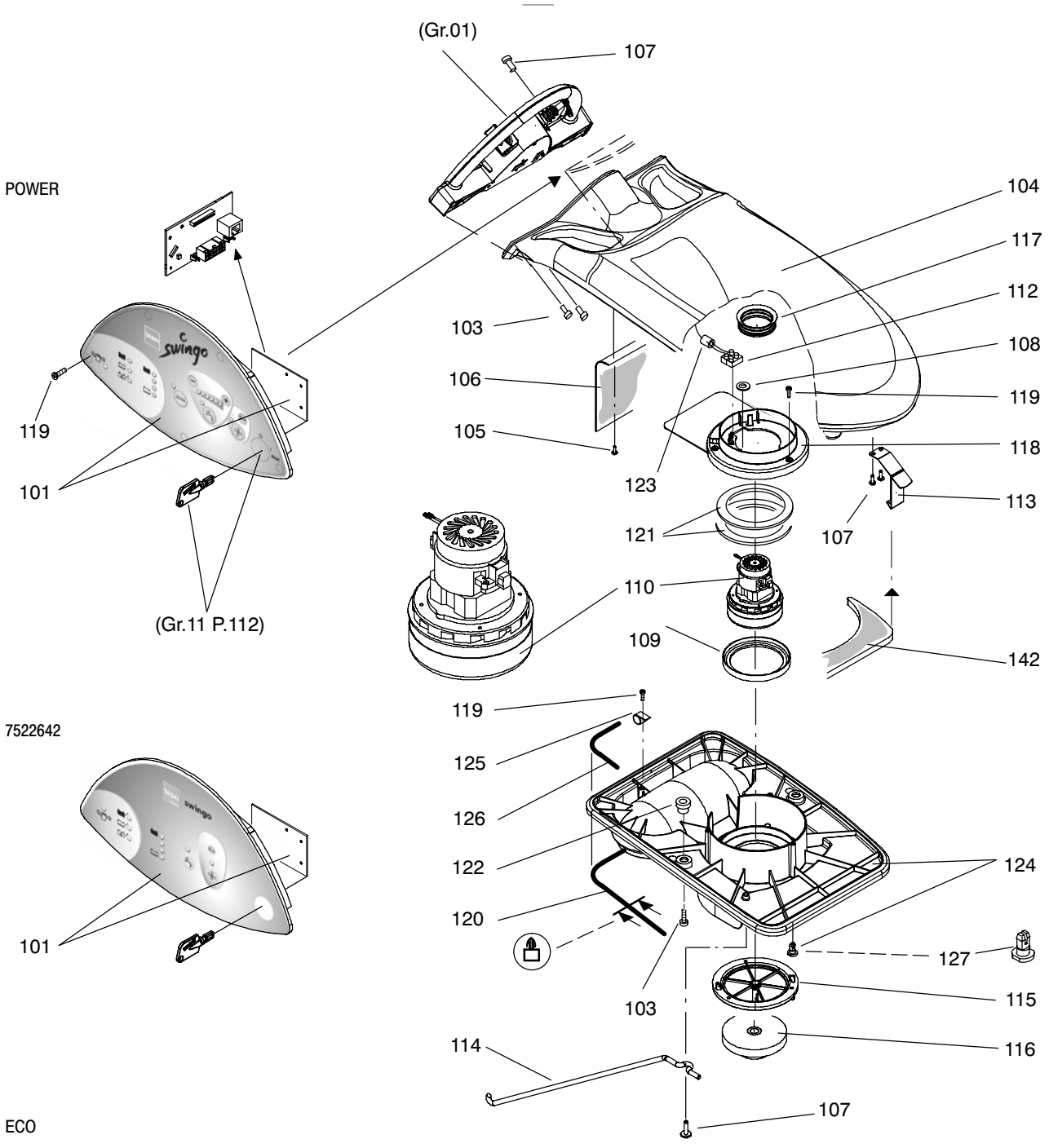
S007175					Griff	Poignée	Handle
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	17603-86	4122573		1.00	Schaltmechanik	Mécanique de commande	Mechanic Hall Sensor Compl.
102	17604-00	4122731		2.00	Bolzen	Goujon	Bolt
103	17603-94	4122575		2.00	Faltenbalg	Soufflet d'intercirculation	Bellows
104	17603-21	4122732		2.00	Raster	Levier à cran	Grid Lever
105	2803/110	4122733		2.00	Druckfeder	Ressort de pression	Pressure spring
106	17603-37	4122734		2.00	Hebel	Levier	Lever
107	1840/051	4122641		4.00	Delta PT-Schr LK As Torx 40x16	Vis Delta PT Torx 40x16	Screw delta PT Torx 40x16
108	4501/119	4124476		1.00	Microschalter	Microrupteur	Microswitch
109	17701-83	4128145		1.00	Flachbandkabel 6-Pol	Câble ruban 6-Pol	Rippon cable 6-Pol
	-				-	-	-
111	17604-53	4122667		2.00	Spritzschutz	Plaque de protection	Splash guard
112	17607-06	4122792		1.00	Schaltbügel	Barette de commande	Switching Bow
113	1840/051	4122641		15.00	Delta PT-Schr LK As Torx 40x16	Vis Delta PT Torx 40x16	Screw delta PT Torx 40x16
114	1654/2	4007150		2.00	Sechskantmutter M3	Écrou à six pans M3	Hexagon nut M3
115	1752/6	4042400		2.00	Scheibe 3,2/ 7x0,5	Rondelle 3,2/ 7x0,5	Washer 3,2/ 7x0,5
116	1207/148	4067140		2.00	L-Schr KS M3x16	Vis à tête cyl. bomb. M3x16	Raised cheese hd.screw M3x16
117	17604-09	4122665		3.00	Bride	Bride	Clamp
118	17604-41	4122664		1.00	Blattfeder	Ressort à lames	Flat spring
119	4501/102	4021120		1.00	Microschalter	Microrupteur	Microswitch
120	17604-08	4122666		1.00	Winkel	Équerre	Angle bracket
121	17606-92	4122791		1.00	Support	Support	Support
122	17602-74	4122618		1.00	Griff	Poignée	Handle
123	17604-37	4122619		1.00	Kabeleinführung	Entrée de câble	Cable Inlet
124	17701-38	4127397		1.00	Abdeckung	Couvercle	Cover
125	17608-12	4123116		1.00	Schalterisolierung	Isolation d'interrupteur	Switch Insulating
126	17451-10	4124985		1.00	Abdeckung	Couvercle	Cover
127	4991/105	4075260	Option	1.00	Stundenzähler 24V	Compteur horaire 24V	Working hour meter 24V
128	17609-43	4128307	Option	1.00	Litzenbund	Câble	Wire harness
129	17701-46	4127860	Option	1.00	Abdeckung	Couvercle	Cover



Ausf./Exe. : swingo 755B, 855B ECO



S007176					Oberteil	Partie supérieure	Upper part
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	17621-15	4129049		1.00	Elektronik Set	Kit électronique	Electronics set
101	17623-01	4131139		1.00	Elektronik Set	Kit électronique	Electronics set
103	1840/110	4122829		6.00	Delta PT-Schr LK Torx 60x35	Vis Delta PT Torx 60x35	Screw delta PT Torx 60x35
104	17620-38	4128172		1.00	Tankdeckel	Couvercle de réservoir	Tank cover
105	1987/5	4019900		4.00	Spreizniet 4,5	Rivet à ecarter 4,5	Retaining rivet 4,5
106	17701-47	4127869		1.00	Lappen	Plaque de protection	Protection Shield
107	1840/050	4122639		6.00	Delta PT-Schr LK As Torx 60x20	Vis Delta PT Torx 60x20	Screw delta PT Torx 60x20
108	17608-82	4126721		1.00	Druckscheibe	Rondelle de pression	Pressure Washer
109	17604-58	4122676		1.00	Schutzring	Anneau de protection	Protecting ring
110	4677/236	4123132		1.00	Motorturbine 24V 491W 17,4A	Turbine 24V 491W 17,4A	Vacuum motor 24V 491W 17,4A
112	4016/232	4082740		1.00	Klemmenleiste 2-Pol 4 mm2	Serre-fils 2-pôles 4 mm2	Connection bloc 2-ways 4 mm2
113	17603-80	4122807		1.00	Tankriegel kurz	Verrouillage	Lock Lever
114	17620-58	4128295		1.00	Bügel	Etrier	Bracket
115	17600-35	4122552		1.00	Filter	Filtre	Filter
116	17602-08	4122553		1.00	Schwimmer kpl	Flotteur compl	Float compl
117	17605-41	4122621		1.00	Dichtung	Joint	Gasket
118	17605-52	4122680		1.00	Schutzkragen	Plaque de protection	Protection Plate
119	1840/052	4122655		9.00	Delta PT-Schr LK As Torx 50x16	Vis Delta PT Torx 50x16	Screw delta PT Torx 50x16
120	8662/010	4122571	1,69m	1.00	Dichtprofil per m	Joint profile le m	Sealing profile per m
121	17605-91	4122682		2.00	Dichtring 100/163x6	Anneau d'étanchéité 100/163x6	Sealing ring 100/163x6
122	17606-54	4122750		2.00	Puffer	Amortisseur	Buffer
123	4850/102	4108430		1.00	Ferrit Ringkern	Self à noyau torique	Toroidal choke
124	17608-99	4126807		1.00	Saugerplatte kpl	Plaque d'aspiration compl	Suction plate compl
125	4212/1	4010480		1.00	Kabelbride	Bride pour câble	Cable Clamp
126	8401/180	4094580	1,38m	1.00	Dichtungsband 10x5	Bande d'étanchéité 10x5	Sealing strip 10x5
127	17608-96	4126719		2.00	Bolzen	Goujon	Bolt
142	17605-62	4122806		1.00	Schalldämpfung	Isolation phonique	Noise absorbing
143	1752/10	4007440		1.00	Scheibe 4,3/ 9x0,8	Rondelle 4,3/ 9x0,8	Washer 4,3/ 9x0,8
144	1771/54	4007650		1.00	Fächerscheibe 4,3	Rondelle étoile 4,3	Serrated lock washer 4,3
145	1132/5	4006410		1.00	Zyl-Schr I-6Kt M4x10	Vis cyl. à trou 6 p. M4x10	Socket head cap screw M4x10
146	1752/12	4007460		3.00	Scheibe 5,3/10x1	Rondelle 5,3/10x1	Washer 5,3/10x1
147	1771/55	4007660		3.00	Fächerscheibe 5,1	Rondelle étoile 5,3	Serrated lock washer 5,1
148	1132/145	4060500		3.00	Zyl-Schr I-6Kt M5x10	Vis cyl. à trou 6 p. M5x10	Socket head cap screw M5x10
149	17621-84	4130719		1.00	Support	Support	Support
150	1840/023	4123906		1.00	PT-Schr LK Torx KA40x8	Vis pour plastique Torx KA40x8	Screw for plastic Torx KA40x8
151	17421-11	4128858		1.00	Brücke	Contact de pontage	Jumper
152	17421-44	4129622		1.00	Elektronik	Électronique	Electronics
153	1840/051	4122641		2.00	Delta PT-Schr LK As Torx 40x16	Vis Delta PT Torx 40x16	Screw delta PT Torx 40x16
154	17621-96	4131081		1.00	Tableau	Tableau	Control board


(Gr.01)
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POWER
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(Gr.11 P.112)
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ECO
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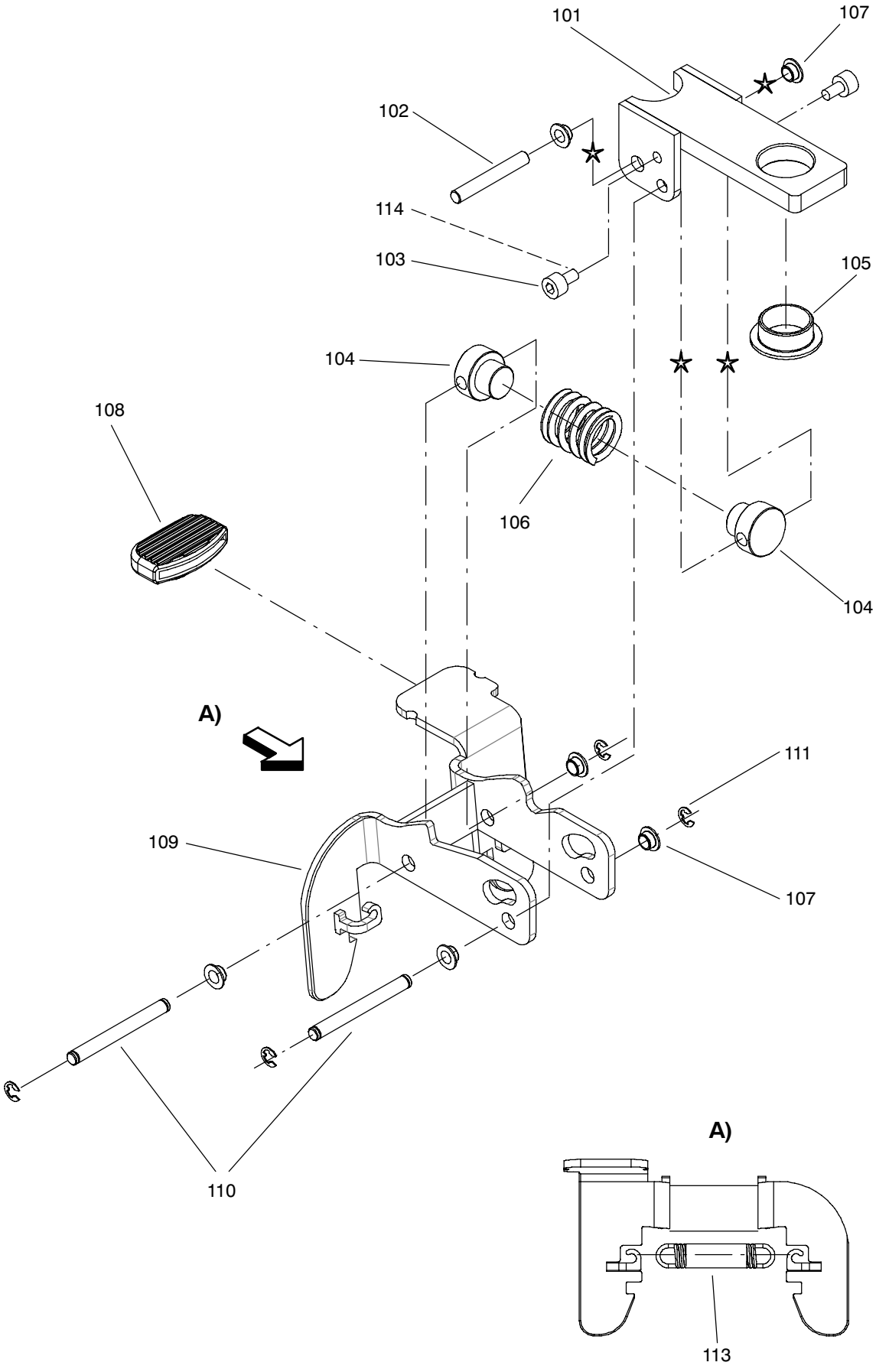
150
151
152
143
144
145
3 Nm
119
153
146
147
148
4 Nm

S007177					Düsenabsenkung	Dispositif remontée suceur	Squeegee lowering mechanism
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	17620-46	4128230		1.00	Düsenarm	Bras de pivotement	Swinging arm
102	17620-48	4128232		1.00	Achse	Axe	Axle
103	1132/186	4065050		2.00	Zyl-Schr I-6Kt M8x12	Vis cyl. à trou 6 p. M8x12	Socket head cap screw M8x12
104	17620-50	4128234		2.00	Bolzen	Goujon	Bolt
105	17620-89	4128598		1.00	Gleitlager 28/32/42x14	Coussinet 28/32/42x14	Slide bearing 28/32/42x14
106	2804/105	4128743		1.00	Druckfeder	Ressort de pression	Pressure spring
107	2511/107	4126535		6.00	Gleitlager 8/10/15x5,5	Coussinet 8/10/15x5,5	Slide bearing 8/10/15x5,5
108	17701-55	4127926		1.00	Abdeckung	Couvercle	Cover
109	17620-51	4128235		1.00	Düsenarm	Bras de pivotement	Swinging arm
110	17620-49	4128233		2.00	Achse	Axe	Axle
111	2913/148	4058370		4.00	Sicherungsscheibe 6	Anneau de retenue 6	Retaining washer 6
113	2807/007	4128597		1.00	Zugfeder	Ressort de tension	Tension spring
114	8936/1	4017370		1.00	Sicherungs-Klebstoff mittel	Colle pour blocage moyen	Adhesive locking middle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S007178					Saugdüse	Suceur	Squeegee
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	17460-14	4130377		1.00	Saugdüse kpl	Suceur compl	Squeegee compl
	-				-	-	-
	-				-	-	-
102	1129/187	4043000		2.00	Zyl-Schr I-6Kt Nk M8x45/22	Vis cyl. à trou 6 p. M8x45/22	Socket head cap screw M8x45/22
103	1747/15	4007400		2.00	Scheibe 8,4/16x1,6	Rondelle 8,4/16x1,6	Washer 8,4/16x1,6
104	17606-69	4122783		2.00	Rad	Roue	Wheel
105	17606-74	4122839		2.00	Stützscheibe	Rondelle d'appui	Sustaining Disc
106	1790/15	4007890		2.00	Wellenscheibe 14/21,8x0,3	Entretoise 14/21,8x0,3	Waved washer 14/21,8x0,3
107	18508-95	4121923		2.00	Bundbuchse spez	Douille à épaul. spec	Flanged bush spec
108	19621-58	4129465		2.00	Sterngriff M10	Bouton étoile M10	Star knob M10
109	2911/113	4064740		2.00	Sicherungsring 15 A	Anneau de retenue 15 A	Retaining ring 15 A
110	19621-55	4129221		2.00	6Kt-Schr M10 spez	Vis à tête six pans M10 spec	Hexagon screw M10 spec
111	1137/31	4006530		2.00	Zyl-Schr I-6Kt M8x20	Vis cyl. à trou 6 p. M8x20	Socket head cap screw M8x20
112	1425/134	4122652		2.00	L-Schr I-6Kt mit Flansch M8x20	Vis à tête bomb.flasque M8x20	Flange sock.head screw M8x20
113	17620-74	4128507		1.00	Absatz	Gradin	Offset
114	17620-36	4128166		1.00	Drahtfeder	Ressort à boudin	Wire spring
115	1721/7	4031060		2.00	Sicherungsmutter M10	Écrou de sureté M10	Self-locking nut M10
116	1752/16	4027970		2.00	Scheibe 10,5/20x2	Rondelle 10,5/20x2	Washer 10,5/20x2
117	17460-76	4130345		1.00	Adapter	Adaptateur	Adapter
118	18603-19	4127629		1.00	Rad 64/24	Roue 64/24	Wheel 64/24
119	18603-30	4127883		1.00	Achse	Axe	Axle
120	1852/150	4107130		2.00	Gew-Form-L-Schr Torx M5x12	Vis autoformeuse Torx M5x12	Thread form screw torx M5x12
121	17460-75	4130313		1.00	Düsenkörper	Corps de suceur	Squeegee body
122	12200-34	4122529		1.00	Lamelle 56/4x750	Lamelle 56/4x750	Blade 56/4x750
123	12200-33	4122528		1.00	Lamelle 56/3x712	Lamelle 56/3x712	Blade 56/3x712
124	17460-74	4130299		1.00	Düsenkörper innen	Corps de suceur	Squeegee body
125	1747/15	4007400		2.00	Scheibe 8,4/16x1,6	Rondelle 8,4/16x1,6	Washer 8,4/16x1,6
126	17460-77	4130347		1.00	Adapter	Adaptateur	Adapter
129	2036/131	4128657		2.00	Lenkrolle kpl 50/20	Roulette pivotante compl 50/20	Castor compl 50/20
	-				-	-	-
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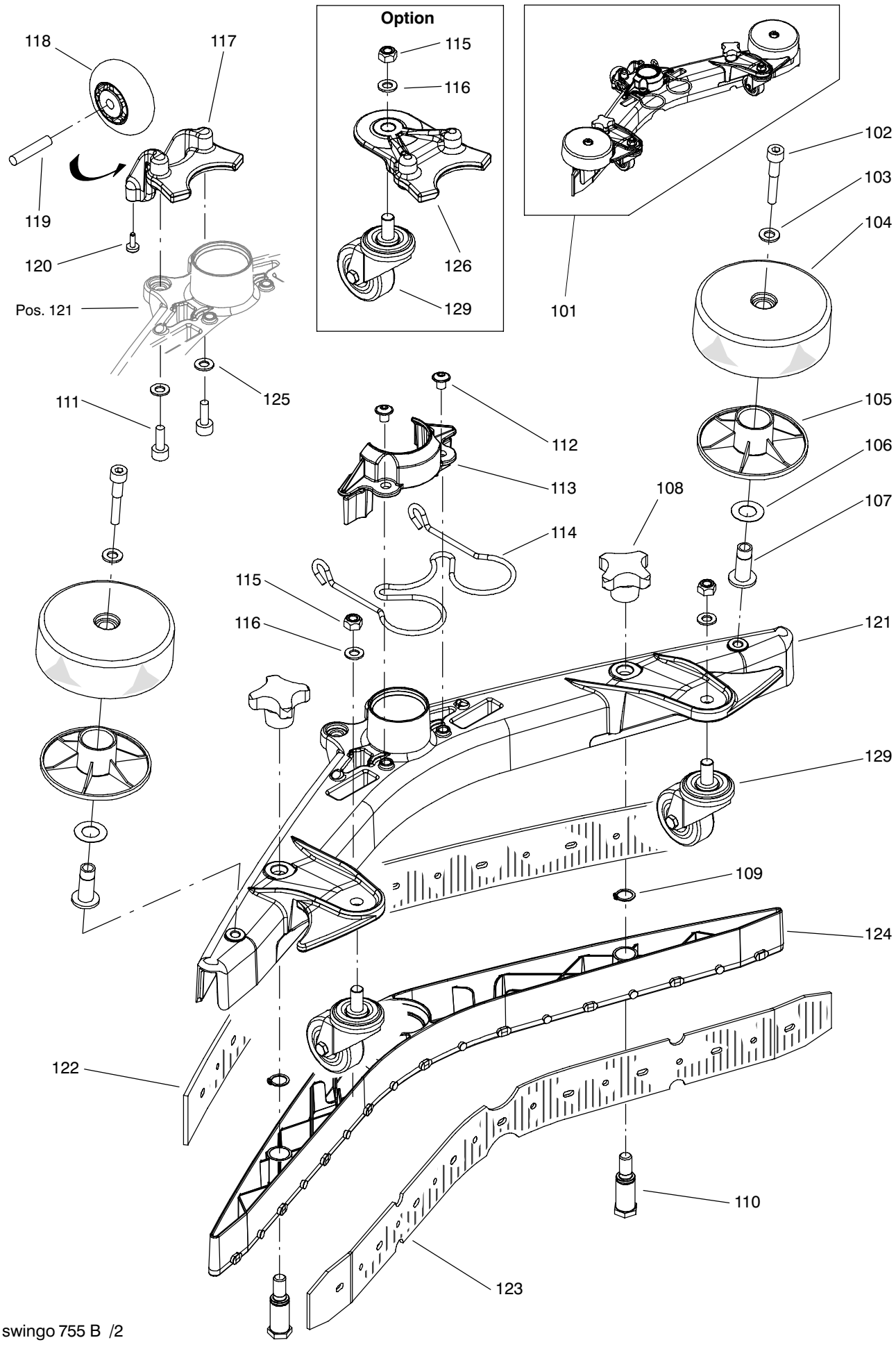
123	12200-55	4127203	Option	1.00	Lamelle 56/3x712	Lamelle 56/3x712	Blade 56/3x712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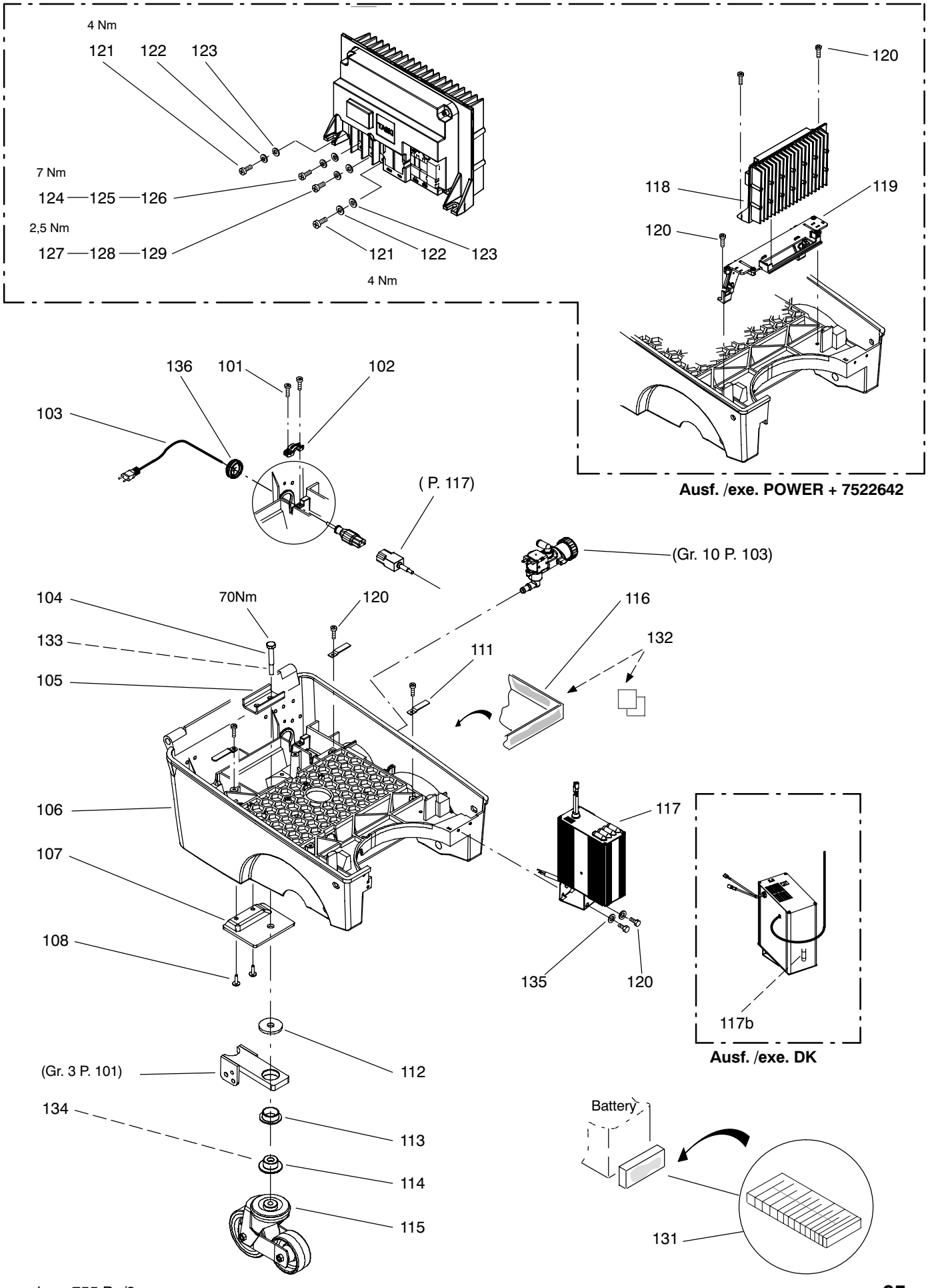
S007179					Unterbau	Partie intérieure	Lower part
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	1810/125	4124672		2.00	Pan-Hd-Spanpl-Schr Torx 3,5x20	Vis à tête fraisée Torx 3,5x20	Pan head tapp.screw torx 3,5x20
102	10140-4	4001020		1.00	Bride	Bride de câble	Cable Clamp
103	17620-81	4128534	Euro	1.00	Netzkabel 2L+P EURO	Câble d'alimentation 2L+P EURO	Main cord 2L+P EURO
103	17620-82	4128560	SEV	1.00	Netzkabel 2L+P SEV	Câble d'alimentation 2L+P ASE	Main cord 2L+P SEA
103	17620-83	4128561	UK	1.00	Netzkabel 2L+P UK	Câble d'alimentation 2L+P UK	Main cord 2L+P UK
103	17607-72	4122980	DK	1.00	Netzkabel 2L EURO/SEV	Câble d'alimentat. 2L EURO/ASE	Main cord 2L EURO/SEA
103	17620-84	4128563	NA	1.00	Netzkabel 2L+P CSA	Câble d'alimentation 2L+P CSA	Main cord 2L+P CSA
104	1014/208	4122658		1.00	6Kt-Schr M12x55/30	Vis à tête six pans M12x55/30	Hexagon screw M12x55/30
105	17602-79	4122656		1.00	Platte	Plaque	Plate
106	17601-60	4122633		1.00	Chassis	Châssis	Chassis
107	17609-24	4127212		1.00	Platte	Plaque	Plate
108	1840/050	4122639		2.00	Delta PT-Schr LK As Torx 60x20	Vis Delta PT Torx 60x20	Screw delta PT Torx 60x20
111	17608-32	4123176		4.00	Lasche	Éclisse	Shackle
112	17605-45	4122892		1.00	Scheibe 13/45x5	Rondelle 13/45x5	Washer 13/45x5
113	17620-89	4128598		1.00	Gleitlager 28/32/42x14	Coussinet 28/32/42x14	Slide bearing 28/32/42x14
114	17620-52	4128236		1.00	Bundbuchse spez	Douille à épaul. spec	Flanged bush spec
115	17451-73	4127101		1.00	Lenkrolle kpl 100/40	Roulette pivotante compl.	Castor Compl.
116	17605-58	4122940		1.00	Batteriewanne	Bac pour batterie	Battery tray
117	17620-67	4128339	BMS	1.00	Ladegerät 24V 9A 100-240V	Chargeur 24V 9A 100-240V	Charger 24V 9A 100-240V
117	17607-84	4122997	DK	1.00	Ladegerät 24V 8A 230V	Chargeur 24V 8A 230V	Charger 24V 8A 230V
117	17621-54	4129540	NA	1.00	Ladegerät 24V 9A Discover-AGM	Chargeur 24V 9A Discover-AGM	Charger 24V 9A Discover-AGM
117b	4326/125	4124009	DK	1.00	Feinsicherung 2,5A träg	Fusible fin retardé 2,5A	Fine-wire fuse 2,5A slow-blow
118	17622-39	4130986		1.00	Elektronik Set	Kit électronique	Electronics set
119	17609-02	4126957		1.00	Support	Support	Support
120	1840/052	4122655		10.00	Delta PT-Schr LK As Torx 50x16	Vis Delta PT Torx 50x16	Screw delta PT Torx 50x16
121	1132/145	4060500		2.00	Zyl-Schr I-6Kt M5x10	Vis cyl. à trou 6 p. M5x10	Socket head cap screw M5x10
122	1771/55	4007660		2.00	Fächerscheibe 5,1	Rondelle étoile 5,3	Serrated lock washer 5,1
123	1752/12	4007460		2.00	Scheibe 5,3/10x1	Rondelle 5,3/10x1	Washer 5,3/10x1
124	1132/19	4006420		1.00	Zyl-Schr I-6Kt M6x10	Vis cyl. à trou 6 p. M6x10	Socket head cap screw M6x10
125	1771/56	4007670		1.00	Fächerscheibe 6,4	Rondelle étoile 6,3	Serrated lock washer 6,4
126	1752/14	4007470		1.00	Scheibe 6,4/12x1,6	Rondelle 6,4/12x1,6	Washer 6,4/12x1,6
127	1132/5	4006410		1.00	Zyl-Schr I-6Kt M4x10	Vis cyl. à trou 6 p. M4x10	Socket head cap screw M4x10
128	1771/54	4007650		1.00	Fächerscheibe 4,3	Rondelle étoile 4,3	Serrated lock washer 4,3
129	1752/10	4007440		1.00	Scheibe 4,3/ 9x0,8	Rondelle 4,3/ 9x0,8	Washer 4,3/ 9x0,8
131	18601-98	4126822		1.00	Schaumstoff Einlage	Insertion à mousse	Foam insert
132	7517315	7517315		1.00	Nassbatterie Set TASKI swingo 755B	Wet Battery Kit TASKI swingo 755B	Wet Battery Kit TASKI swingo 755B
133	8936/1	4017370			Sicherungs-Klebstoff mittel	Colle pour blocage moyen	Adhesive locking middle
134	8906/106	4122242		0.01	Getriebefett OKS 427 1000gr	Graisse OKS 427 1000gr	Lubricant OKS 427 1000gr
135	1771/55	4007660		2.00	Fächerscheibe 5,1	Rondelle étoile 5,3	Serrated lock washer 5,1
136	17621-91	4130853		1.00	Membrantülle	Douille de passage	Grommet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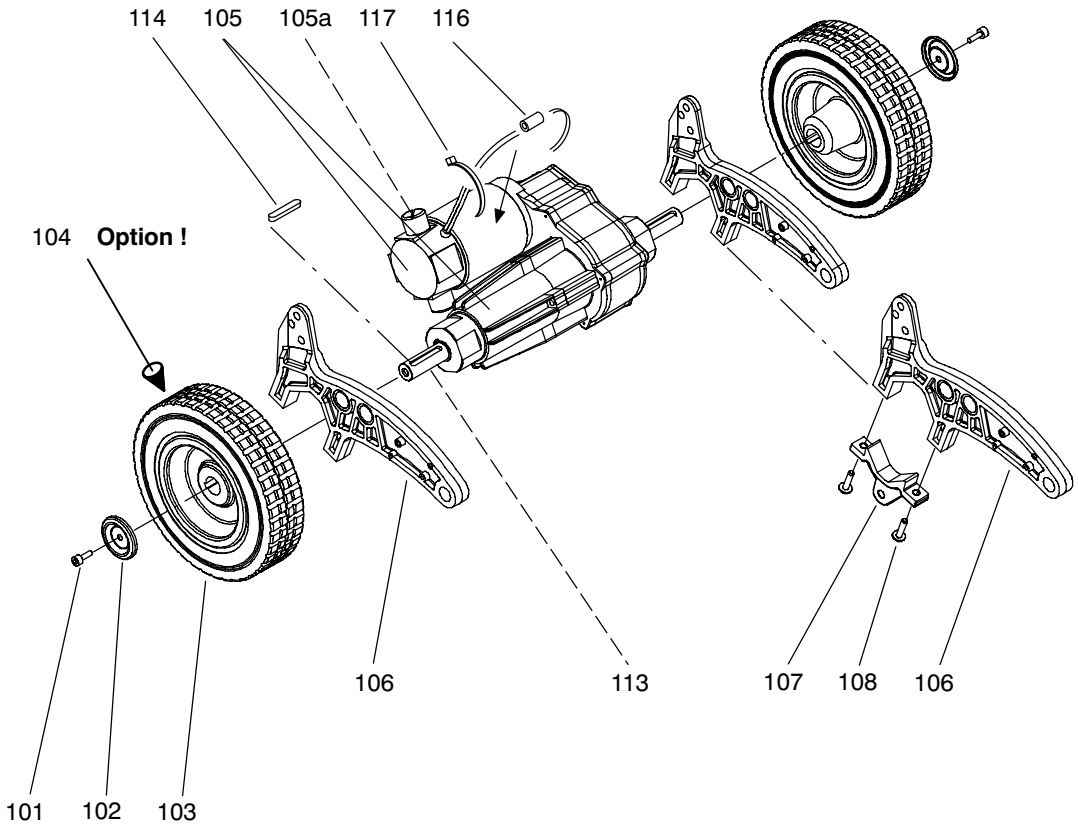
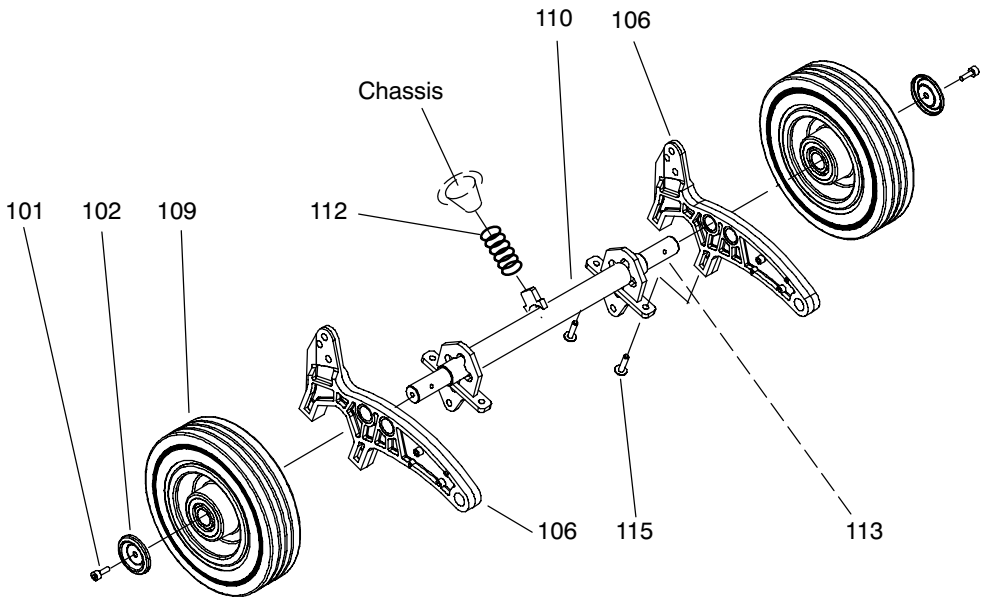
S007180					Radantrieb, Radpartie	Entraînement, Partie des roues	Drive, Wheel group
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	1010/186	4122005		2.00	6Kt-Schr M8x16	Vis à tête six pans M8x16	Hexagon screw M8x16
102	17602-92	4122700		2.00	Radscheibe	Couvercle	Cover
103	17608-40	4123154		2.00	Rad 200/45	Roue PU souple	Wheel PU Soft
104	17602-65	4122588	Option	2.00	Rad 200/50	Roue de commande 200	Drive Wheel 200
104	17605-10	4122526	Option	2.00	Antriebsrad PU	Roue de commande PU	Traction Wheel PU
105	17603-28	4122599		1.00	Radantrieb kpl	Unité d'entraînement compl	Drive unit compl
105a	3395/100	4123190		1.00	Kohlebürsten Set	Kit balai charbon	Carbon brush set
106	17608-13	4123112		2.00	Wippe	Support flottant	Cradle
107	17608-15	4123188		2.00	Halter	Fixation	Holder
108	1840/004	4109990		4.00	Delta PT-Schr LK As Torx 60x25	Vis Delta PT Torx 60x25	Screw delta PT Torx 60x25
109	17602-61	4122570	ECO	2.00	Laufrad 200	Roue de roulement 200	Carrying Wheel 200
109	17621-77	4130317	Option	2.00	Rad 200/50	Roue 200/50	Wheel 200/50
110	17607-93	4123099		1.00	Achse	Axe	Axle
112	2803/112	4122969		1.00	Druckfeder	Ressort de pression	Pressure spring
113	8906/106	4122242		0.01	Getriebefett OKS 427 1000gr	Graisse OKS 427 1000gr	Lubricant OKS 427 1000gr
114	2201/196	4122759		2.00	Federkeil 6/6x45	Clavette 6/6x45	Key 6/6x45
115	1840/050	4122639		4.00	Delta PT-Schr LK As Torx 60x20	Vis Delta PT Torx 60x20	Screw delta PT Torx 60x20
116	4850/105	4122229		1.00	Ferrit Ringkern	Self à noyau torique	Toroidal choke
117	4215/3	4023260		2.00	Kabelbinder 200	Bande à lier les câbles 200	Cable tie 200

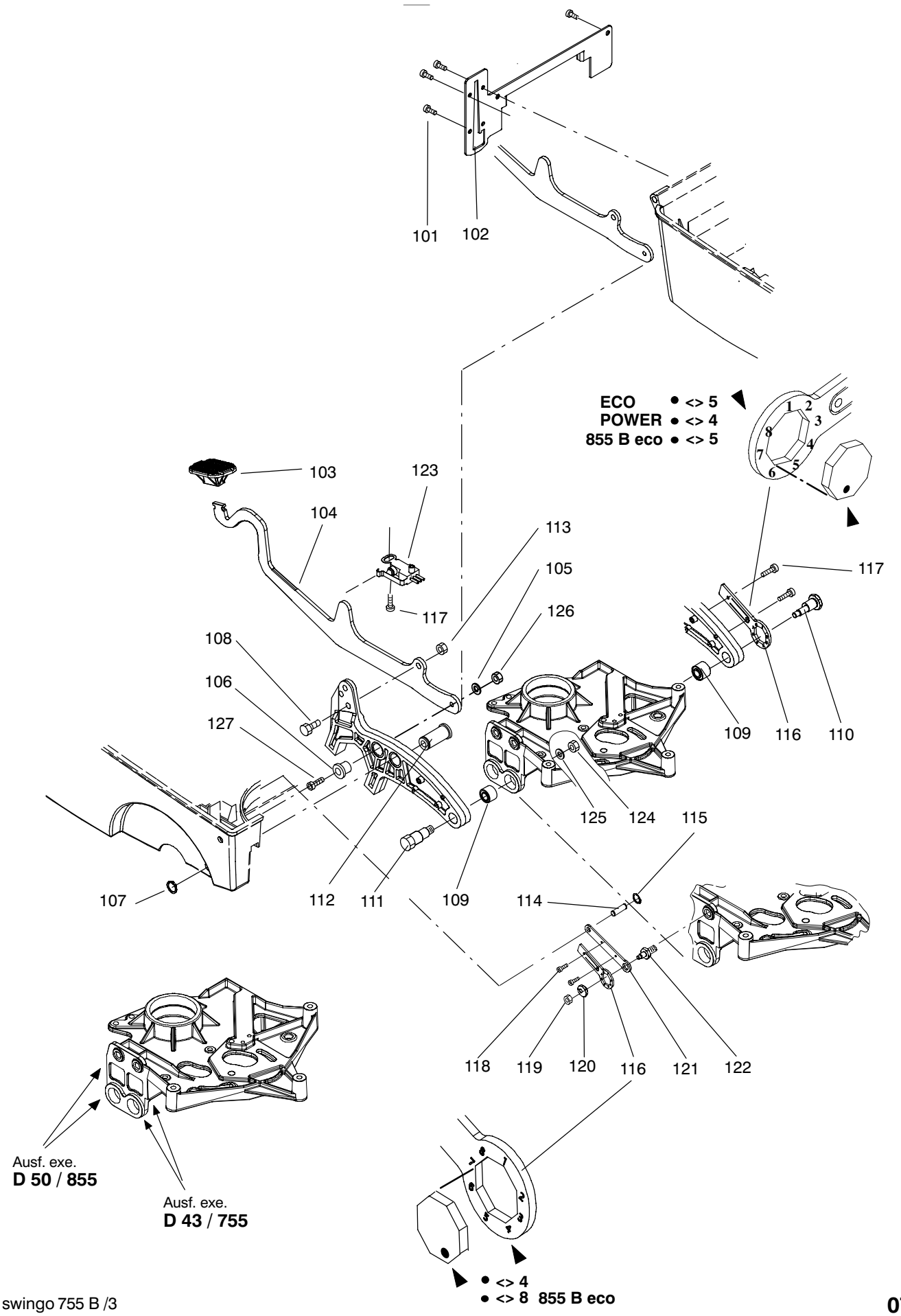
Ausf./Exe. : swingo 755B, 855B POWER



Ausf./Exe. : swingo 755B, 855B ECO



S007181					Bürstenabsenkung	Dispositif des brosses	Tool lowering unit
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	1840/052	4122655		6.00	Delta PT-Schr LK As Torx 50x16	Vis Delta PT Torx 50x16	Screw delta PT Torx 50x16
102	17620-76	4128525		1.00	Platte	Plaque	Plate
103	17609-04	4127002		1.00	Abdeckung	Couvercle	Cover
104	17601-58	4122817		1.00	Hebel	Levier	Lever
105	1752/14	4007470		1.00	Scheibe 6,4/12x1,6	Rondelle 6,4/12x1,6	Washer 6,4/12x1,6
106	17451-78	4127134		1.00	Bundbuchse spez	Douille à épaul. spec	Flanged bush spec
107	2911/113	4064740		2.00	Sicherungsring 15 A	Anneau de retenue 15 A	Retaining ring 15 A
108	1004/75	4006060		1.00	6Kt-Schr M8x20	Vis à tête six pans M8x20	Hexagon screw M8x20
109	3055/120	4122696		2.00	Puffer	Amortisseur	Buffer
110	17607-32	4122993		1.00	Exzenter	Goupille excentrique	Eccentric Shaft
111	17607-33	4122983		1.00	Bolzen	Goujon	Bolt
112	17602-28	4122694		2.00	Bolzen	Axe	Axle
113	1654/7	4007200		1.00	Sechskantmutter M8	Écrou à six pans M8	Hexagon nut M8
114	17601-78	4122697		1.00	Bolzen	Axe	Axle
115	2913/110	4060910		1.00	Sicherungsscheibe 8	Anneau de retenue 8	Retaining washer 8
116	17607-40	4122992		2.00	Verdrehsicherung	Levier de blocage	Locking Lever
117	1840/051	4122641		3.00	Delta PT-Schr LK As Torx 40x16	Vis Delta PT Torx 40x16	Screw delta PT Torx 40x16
118	1852/124	4122950		2.00	Gew-Form-L-Schr Torx M4x10	Vis autoformeuse Torx M4x10	Thread form screw torx M4x10
119	1721/106	4092870		1.00	Sicherungsmutter M6	Écrou de sureté M6	Self-locking nut M6
120	17607-34	4122994		1.00	Exzenter	Disque excentrique	Eccentric Disc
121	17607-35	4122995		1.00	Lasche	Éclisse	Shackle
122	17607-36	4122996		1.00	Halter zu Exzenter	Goujon	Bolt
123	17605-30	4122743		1.00	Microschalter kpl	Microrupteur compl	Microswitch compl
124	1723/6	4088160		2.00	Sicherungsmutter M8	Écrou de sureté M8	Self-locking nut M8
125	1752/124	4110070		2.00	Scheibe 8,4/25x2	Rondelle 8,4/25x2	Washer 8,4/25x2
126	1654/6	4007190		1.00	Sechskantmutter M6	Écrou à six pans M6	Hexagon nut M6
127	1132/25	4006460		1.00	Zyl-Schr I-6Kt M6x25	Vis cyl. à trou 6 p. M6x25	Socket head cap screw M6x25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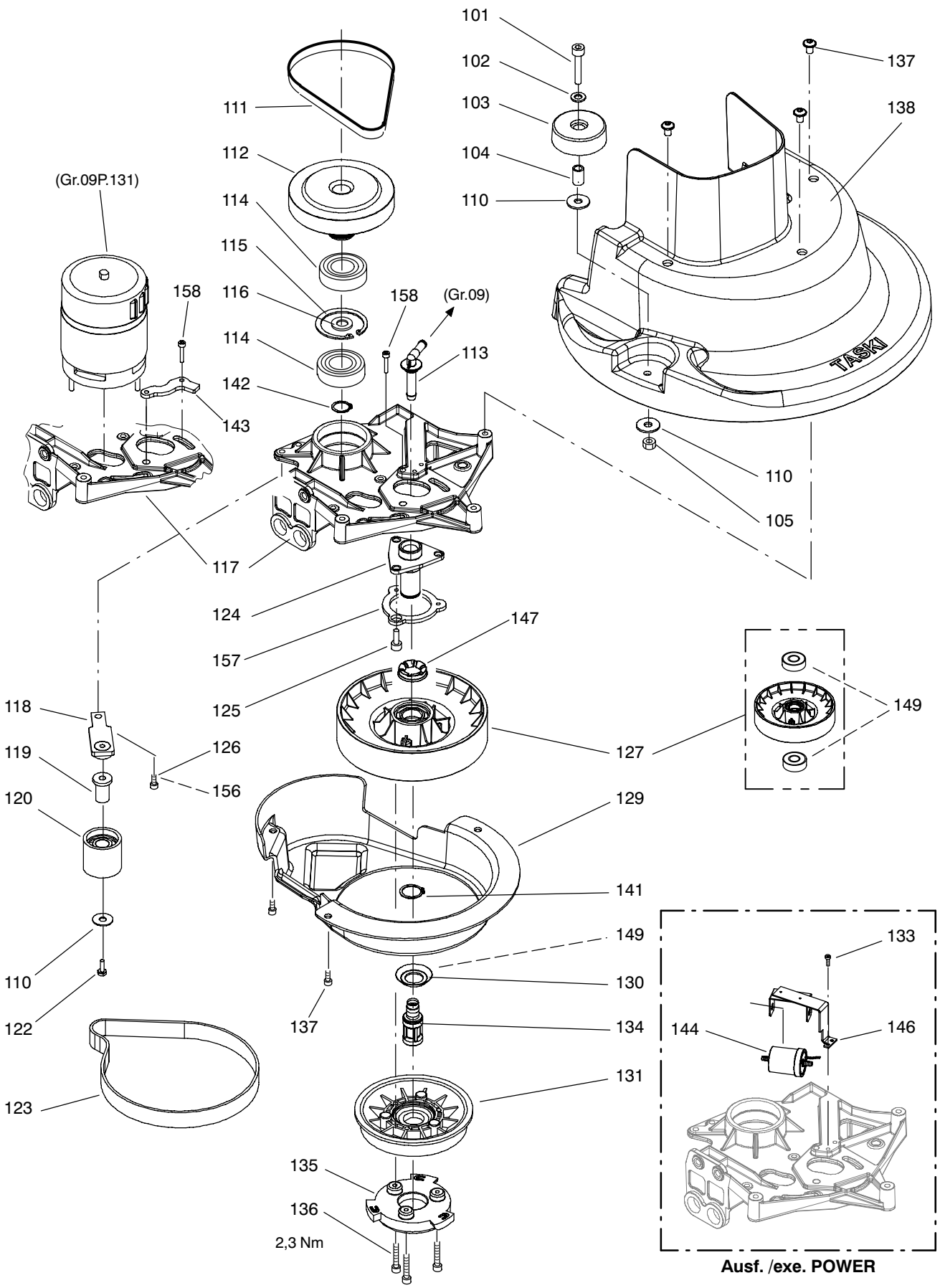
S007182					Bürstenantrieb	Entraînement des brosses	Brush drive
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	1129/85	4061390		1.00	Zyl-Schr I-6Kt Nk M8x35/22	Vis cyl. à trou 6 p. M8x35/22	Socket head cap screw M8x35/22
102	1747/15	4007400		1.00	Scheibe 8,4/16x1,6	Rondelle 8,4/16x1,6	Washer 8,4/16x1,6
103	15050-3	4023780		1.00	Rolle	Roulette de détour	Bumper Wheel
104	17501-00	4036490		1.00	Buchse 8,4/12x19	Douille 8,4/12x19	Bush 8,4/12x19
105	1660/7	4054250		1.00	Sechskantmutter M8	Écrou à six pans M8	Hexagon nut M8
110	1752/124	4110070		3.00	Scheibe 8,4/25x2	Rondelle 8,4/25x2	Washer 8,4/25x2
111	2157/013	4122594		1.00	Keilrippenriemen 6 EPJ 508	Courroie poly-V 6 EPJ 508	Poly-V-belt 6 EPJ 508
112	17603-16	4122761		1.00	Zwischenrad	Pignon intermédiaire	Intermediate wheel
113	17608-50	4123205		1.00	Winkelnippel 10	Raccord coudé 10	Angled nipple 10
114	2530/107	4079540		2.00	Rillenkugellager 6007 2RS	Roulement à billes 6007 2RS	Ball bearing 6007 2RS
115	2912/43	4008750		1.00	Sicherungsring 62 J	Anneau de retenue 62 J	Retaining ring 62 J
116	1742/302	4085760		1.00	Scheibe 35/45x2	Rondelle 35/45x2	Washer 35/45x2
117	17608-65	4124267		1.00	Bürstenplatte	Support de brosse	Brush base plate
118	17604-03	4122898		1.00	Hebel	Levier	Lever
119	14600-31	4109870		1.00	Bundbuchse 8,1/17/24x32,2	Douille à épaul. 8,1/17/24x32,2	Flanged bush 8,1/17/24x32,2
120	14600-24	4109640		1.00	Spannrolle	Galet tendeur	Tensioning roller
122	1129/187	4043000		1.00	Zyl-Schr I-6Kt Nk M8x45/22	Vis cyl. à trou 6 p. M8x45/22	Socket head cap screw M8x45/22
123	2157/014	4122595		1.00	Keilrippenriemen 11 EPJ 675	Courroie poly-V 11 EPJ 675	Poly-V-belt 11 EPJ 675
124	14600-22	4109900		1.00	Support	Support	Support
125	1137/31	4006530		1.00	Zyl-Schr I-6Kt M8x20	Vis cyl. à trou 6 p. M8x20	Socket head cap screw M8x20
126	1132/27	4023420		1.00	Zyl-Schr I-6Kt M8x16	Vis cyl. à trou 6 p. M8x16	Socket head cap screw M8x16
127	14602-22	4108450		1.00	Flachriemenscheibe 192	Courroie plate poulie 192	Flat belt pulley 192
129	17604-10	4122819		1.00	Abdeckung	Couvercle	Cover
130	14604-26	4122440		1.00	Dichtung	Joint	Gasket
131	17451-77	4127133		1.00	Mitnehmer	Entraîneur	Catch
133	1004/164	4070080		2.00	6Kt-Schr M6x10	Vis à tête six pans M6x10	Hexagon screw M6x10
134	14604-27	4122441		1.00	Zapfen	Pivot a crapaudine	Centre Plug
135	17602-91	4122705		1.00	Bürstenkupplung	Accouplement de brosse	Brush coupling
136	1840/301	4117930		3.00	PT-Schr LK KS KA50x40	Vis pour plastique KA50x40	Screw for plastic KA50x40
137	1425/132	4083310		6.00	L-Schr I-6Kt mit Flansch M8x12	Vis à tête bomb.flasque M8x12	Flange sock.head screw M8x12
138	17600-72	4122899	swingo 755	1.00	Bürstenhaube	Capot de brosse	Brush housing
138	17608-53	4123180	swingo 855	1.00	Bürstenhaube	Capot de brosse	Brush housing
141	2911/23	4008690		1.00	Sicherungsring 25 A	Anneau de retenue 25 A	Retaining ring 25 A
142	2911/132	4088010		1.00	Sicherungsring 35 A	Anneau de retenue 35 A	Retaining ring 35 A
143	17605-22	4122900		1.00	Spanner	Tendeur	Belt Tighener
144	17608-33	4123169		1.00	Pumpe 24V 25W	Pompe 24V 25W	Pump 24V 25W
146	17605-42			1.00	Pumpenhalter	Support pour pompe	Pump Holder
147	17608-38	4123215		1.00	Dichtung	Joint	Gasket
149	8909/61	4039680			Synthesefett 53B 1000gr	Graisse synsetral 53B 1000gr	Lubricant synsetral 53B 1000gr
156	8936/1	4017370			Sicherungs-Klebstoff mittel	Colle pour blocage moyen	Adhesive locking middle
157	17622-41	4131086		1.00	Flansch	Flasque	Flange
158	1137/18	4006520		2.00	Zyl-Schr I-6Kt M6x30	Vis cyl. à trou 6 p. M6x30	Socket head cap screw M6x30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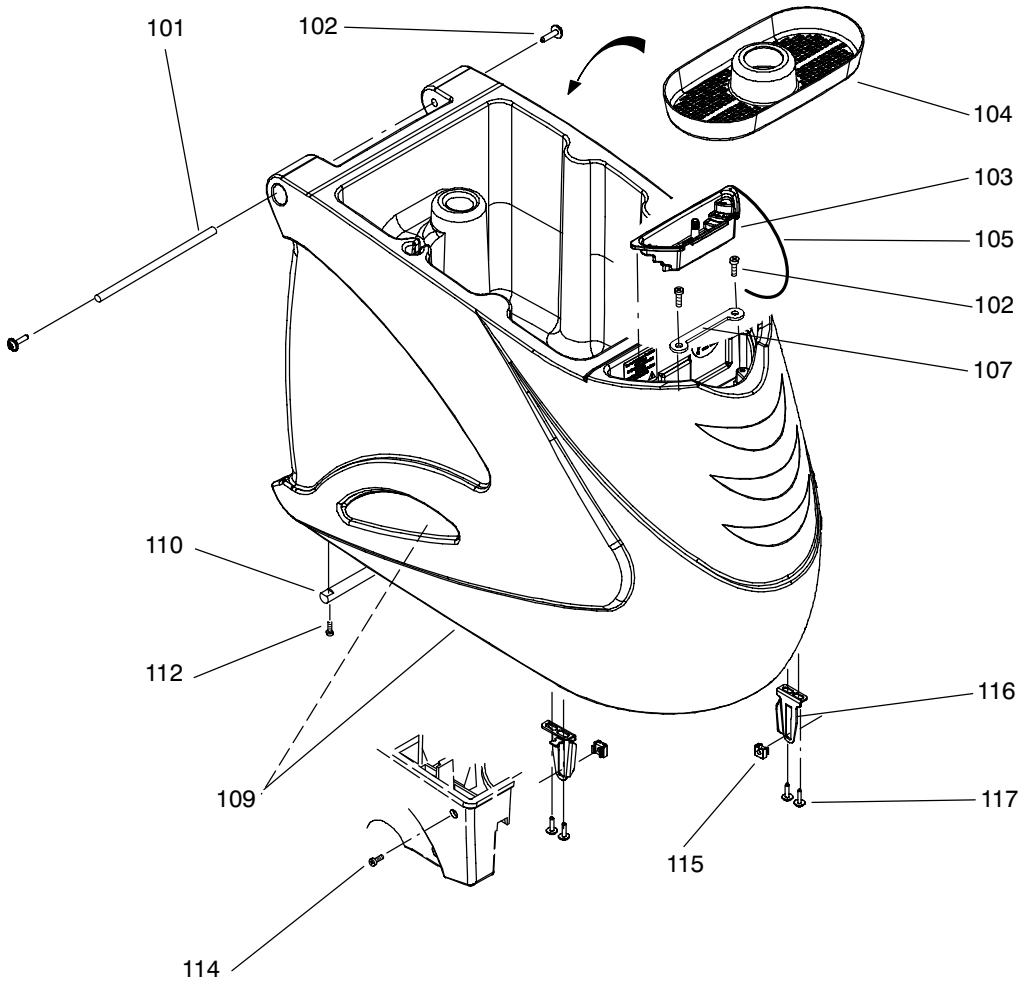
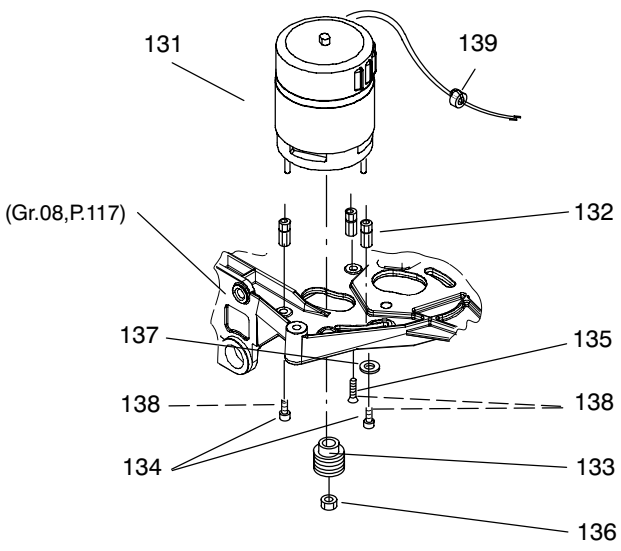
Ausf. /exe. POWER

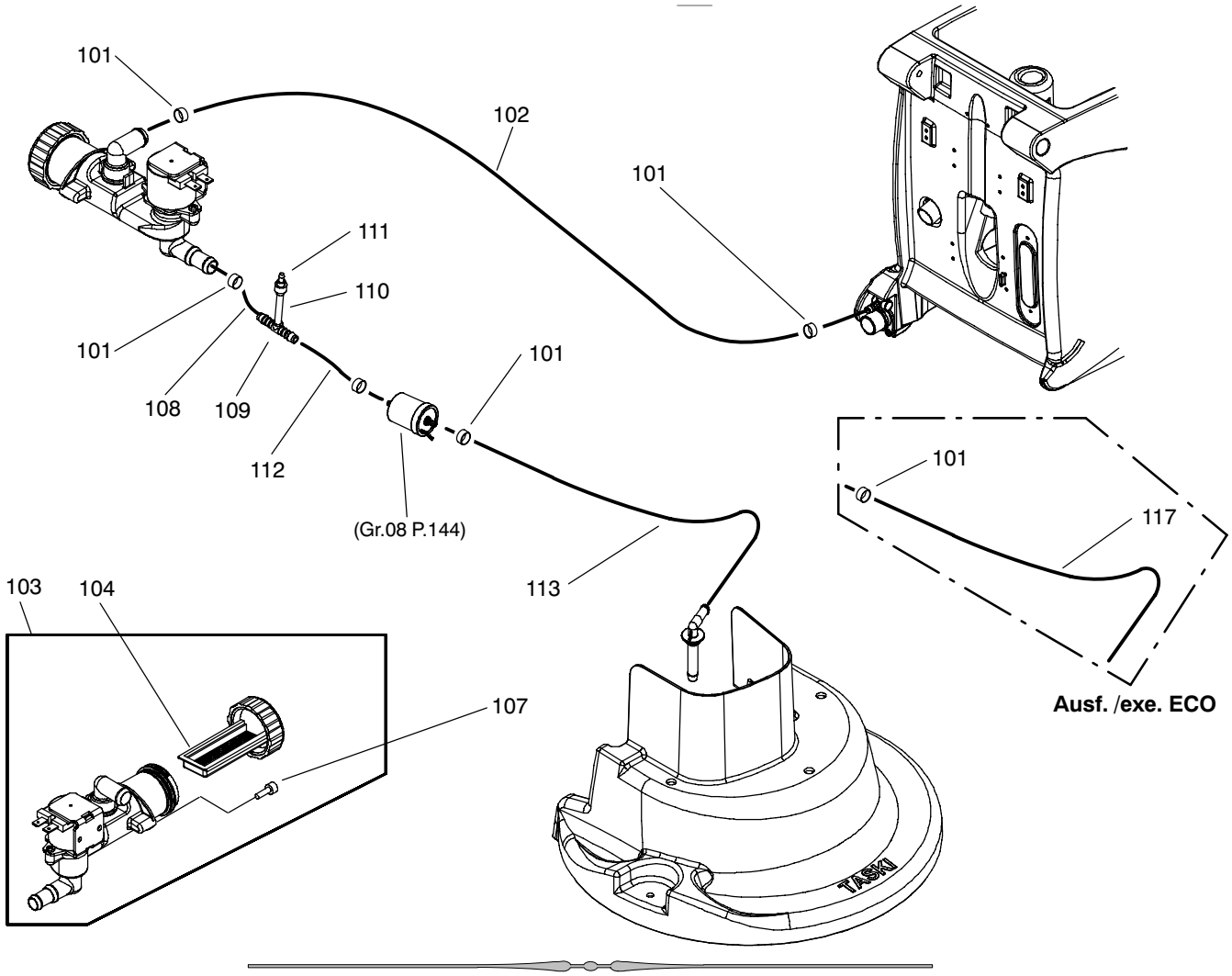
S007183					Tank, Antrieb	Réservoir, D'entraînement	Tank, Brush Drive
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	17620-18	4128285		1.00	Achse	Axe	Axle
102	1840/050	4122639		4.00	Delta PT-Schr LK As Torx 60x20	Vis Delta PT Torx 60x20	Screw delta PT Torx 60x20
103	17620-40	4128177		1.00	Dosierbecher	Cuvette de dosage	Dosing cup
104	17600-39	4122565		1.00	Grobschmutzfilter	Filtres pour solides	Solids filter
105	17421-52	4129754		1.00	Schnur spez	Cordon spez	Cord spec
107	17604-93	4122626		1.00	Riegelplatte	Plaque de fermeture	Locking Plate
109	17620-19	4128714	swingo 755	1.00	Tank Set	Kit réservoir	Tank set
109	17621-41	4129254	swingo 855	1.00	Tank Set	Kit réservoir	Tank set
110	17603-09	4122816		1.00	Tankachse	Axe	Axle
112	1840/004	4109990		2.00	Delta PT-Schr LK As Torx 60x25	Vis Delta PT Torx 60x25	Screw delta PT Torx 60x25
114	1425/134	4122652		2.00	L-Schr I-6Kt mit Flansch M8x20	Vis à tête bomb.flasque M8x20	Flange sock.head screw M8x20
115	1736/168	4044530		2.00	Käfigmutter M8	Écrou en carge M8	Cage nut M8
116	17620-59	4128296		2.00	Halter	Fixation	Holder
117	1840/050	4122639		4.00	Delta PT-Schr LK As Torx 60x20	Vis Delta PT Torx 60x20	Screw delta PT Torx 60x20
	-				-	-	-
131	17607-08	4122833		1.00	Motor 24V 750W 40A	Moteur 24V 750W 40A	Motor 24V 750W 40A
132	17608-85	4126691		3.00	Bolzen	Goujon	Bolt
133	17603-23	4122598		1.00	Keilrippenscheibe 7 PJ 28	Poly-V poulie 7 PJ 28	Poly-V pulley 7 PJ 28
134	1140/164	4123181		2.00	Zyl-Schr Torx M6x16	Vis à tête cyl.Torx M6x16	Cylindrical screw torx M6x16
135	1271/166	4123182		1.00	S-Schr Torx M6x16	Vis à tête conique Torx M6x16	Counters. head screw torx M6x16
136	1654/118	4083980		1.00	Sechskantmutter M12 L	Écrou à six pans M12 gauche	Hexagon nut M12 Left
137	1752/14	4007470		1.00	Scheibe 6,4/12x1,6	Rondelle 6,4/12x1,6	Washer 6,4/12x1,6
138	8936/1	4017370		1.00	Sicherungs-Klebstoff mittel	Colle pour blocage moyen	Adhesive locking middle
139	4850/101	4100320		1.00	Ferrit Ringkern	Self à noyau torique	Toroidal choke



Ergänzung, supplement
(Gr.08)



S007184					Schläuche, Ventile/Filter	Tubes, Soupapes/Filtres	Tubes, Valves/Filters
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	2178/12	4042280		5.00	Schlauchklemme 12-22	Bride 12-22	Hose clamp 12-22
102	8820/105	4053660	0,96m	1.00	Schlauch m Draht 12/18 PVC	Tuyau spirale 12/18 PVC	Hose with wire 12/18 PVC
103	17700-07	4126924		1.00	Mag-Ventil 24V mit Filter	Filtre 24V	Filter 24V
104	17421-98	4130411		1.00	Filter Set	Kit filtre	Filter set
107	1840/103	4062780		2.00	Delta PT-Schr LK As Torx 40x25	Vis Delta PT Torx 40x25	Screw delta PT Torx 40x25
108	8820/105	4053660	0,10m	1.00	Schlauch m Draht 12/18 PVC	Tuyau spirale 12/18 PVC	Hose with wire 12/18 PVC
109	2631/087	4128830		1.00	T-Reduzierstutzen 12-6-12	Raccord T 12-6-12	T-Nipple 12-6-12
110	8821/11	4017290	1,19m	1.00	Schlauch 6/9 PVC	Tuyau 6/9 PVC	Hose 6/9 PVC
111	2761/131	4066380		1.00	Rückschlagventil	Soupape de retenue	Check valve
112	8820/105	4053660	0,30m	1.00	Schlauch m Draht 12/18 PVC	Tuyau spirale 12/18 PVC	Hose with wire 12/18 PVC
113	8820/10	4028460	0,14m	1.00	Schlauch m Draht 10/16 PVC	Tuyau spirale 10/16 PVC	Hose with wire 10/16 PVC
117	8820/10	4028460	0,71m	1.00	Schlauch m Draht 10/16 PVC	Tuyau spirale 10/16 PVC	Hose with wire 10/16 PVC
121	62000-83	4130736		1.00	Heckteil	Boîtier inf. arrière	Rear Cover
122	1840/050	4122639		9.00	Delta PT-Schr LK As Torx 60x20	Vis Delta PT Torx 60x20	Screw delta PT Torx 60x20
123	3866/103	4033270		1.00	Verschluss blau	Chapeau de fermeture bleu	Tapped cap blue
124	19601-14	4122051		2.00	Spiralschlauch 31,7/40,5 kpl	Tuyau flexible 31,7/40,5 compl	Flexible hose 31,7/40,5 compl
125	3866/104	4033210		1.00	Verschluss rot	Chapeau de fermeture rouge	Tapped cap red
126	17607-87	4123104		2.00	Kabelhalter	Porte-câble	Cable Hanger
127	30011-06	4081190		2.00	Schlauchhalter	Tenon de tuyau	Hose Holder
128	17621-78	4130330	POWER	1.00	Ventil Set	Kit soupape	Valve Set
128	17621-76	4129969	ECO	1.00	Wasserregulier Set	Kit, réglage d'eau	Water Regulation Set
129	18507-72	4096240		1.00	Spiralschlauch 31,7/40,5 kpl	Tuyau flexible 31,7/40,5 compl	Flexible hose 31,7/40,5 compl
130	2177/155	4067100		3.00	Schlauchklemme 38-43	Bride 38-43	Hose clamp 38-43
131	19000-90	4053090		1.00	Muffe	Manchon filetée	Threaded Adaptor
132	1840/011	4079480		4.00	PT-Schr LK KS KA35x20	Vis pour plastique KA35x20	Screw for plastic KA35x20
133	18507-00	4091300		1.00	Ladestecker 50A mit Stift	Bâti de fiche 50A avec goupille	Charger jack 50A with pin
134	18506-99	4091310		1.00	Ladestecker 50A mit Loch	Bâti de fiche 50A avec trou	Charger jack 50A with hole
135	17607-88	4123105		1.00	Steckergehäuse	Logement de courrant	Plug Housing
136	3002/183	4122887		1.00	O-Ring 23,47x2,62	Joint-O 23,47x2,62	O-ring 23,47x2,62
137	1840/110	4122829		4.00	Delta PT-Schr LK Torx 60x35	Vis Delta PT Torx 60x35	Screw delta PT Torx 60x35
138	62000-84	4130746		1.00	Deckel	Couvercle	Cover
139	62000-85	4130754		1.00	Abdeckung	Couvercle	Cover
140	62000-81	4130749		1.00	Abdeckung	Couvercle	Cover
141	1840/051	4122641		2.00	Delta PT-Schr LK As Torx 40x16	Vis Delta PT Torx 40x16	Screw delta PT Torx 40x16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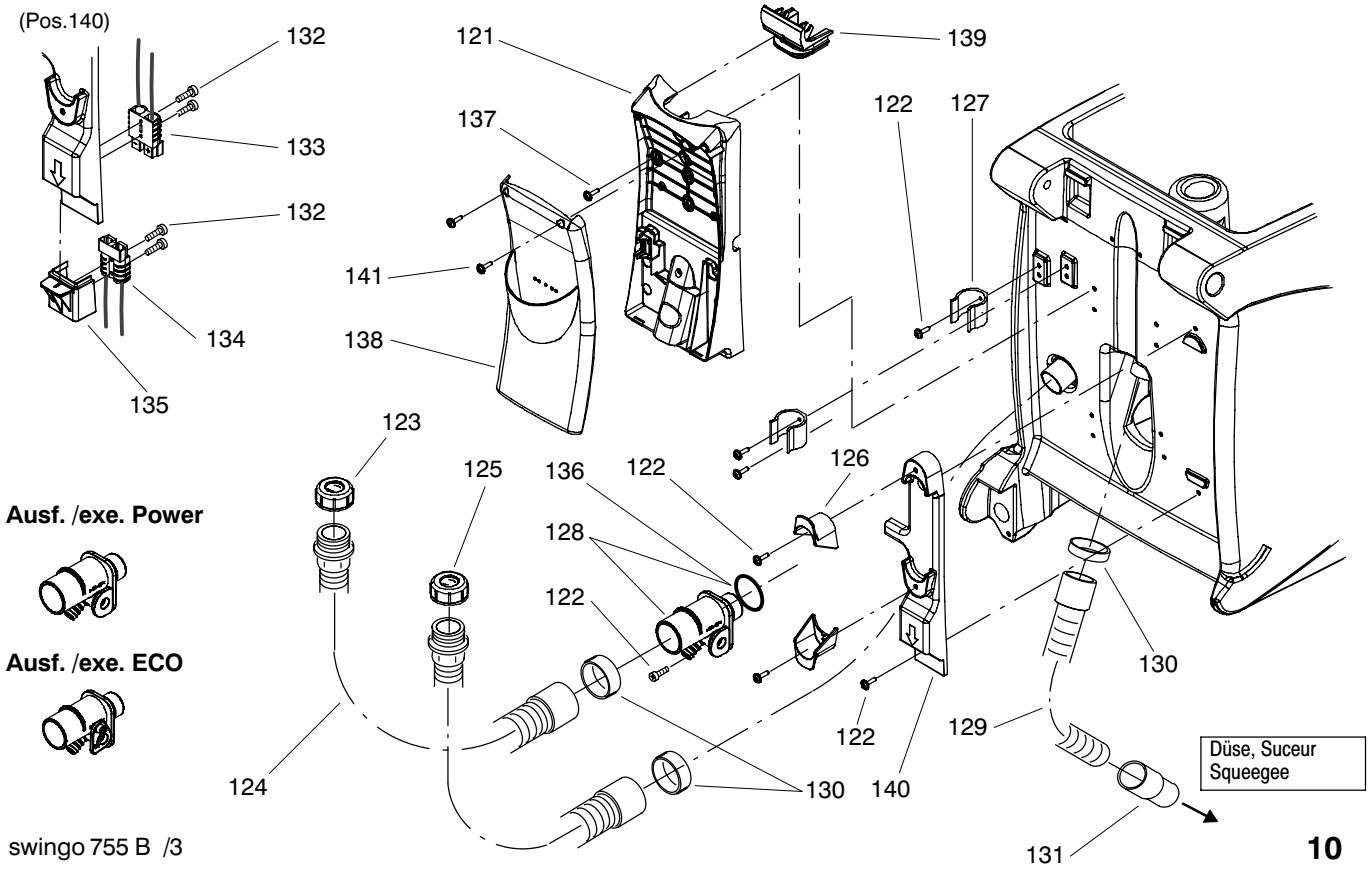
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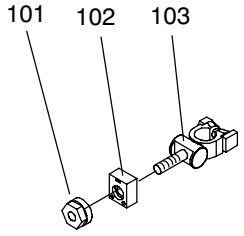
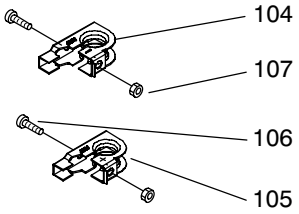
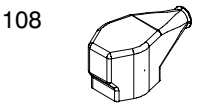
Düse, Suceur
Squeegee
Ausf. /exe. Power
Ausf. /exe. ECO

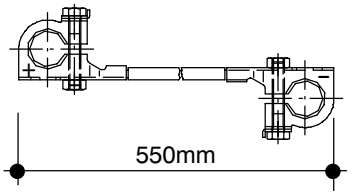
S007185					Diverse Ersatzteile	Pièces détachées diverses	Various spare parts
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description
101	4956/112	4122606		1.00	Isoliermutter M8	Écrou isolante M8	Insulating nut M8
102	4956/113	4122607		1.00	Sicherungseinsatz 75A	Cartouche fusible 75A	Fuse cartrige 75A
103	4956/111	4122638		1.00	Batterieklemme	Borne de batterie	Battery clamp
104	4956/109	4078800		1.00	Batterieklemme -	Borne de batterie -	Battery clamp -
105	4956/108	4078790		1.00	Batterieklemme +	Borne de batterie +	Battery clamp +
106	1004/175	4127957		1.00	6Kt-Schr M6x40	Vis à tête six pans M6x40	Hexagon screw M6x40
107	1654/6	4007190		1.00	Sechskantmutter M6	Écrou à six pans M6	Hexagon nut M6
108	4956/101	4065840		1.00	Batterieklemme Abdeckung	Couvercle pour borne de batt.	Battery clamp cover
109	18602-62	4127107	N BMS POWER	1.00	Brücke	Contact de pontage	Jumper
109	17421-11	4128858	Non BMS ECO	1.00	Brücke	Contact de pontage	Jumper
110	18506-99	4091310		1.00	Ladestecker 50A mit Loch	Bâti de fiche 50A avec trou	Charger jack 50A with hole
111	18507-00	4091300		1.00	Ladestecker 50A mit Stift	Bâti de fiche 50A avec goupille	Charger jack 50A with pin
112	17700-31	4128126		1.00	Schlüssel Set	Kit clé	Key set
113	17609-68	4130800		1.00	Schlüssel	Clé	Key
115	1840/023	4123906		1.00	PT-Schr LK Torx KA40x8	Vis pour plastique Torx KA40x8	Screw for plastic Torx KA40x8
116	1752/9	4007430		1.00	Scheibe 4,3/ 8x0,5	Rondelle 4,3/ 8x0,5	Washer 4,3/ 8x0,5
122	17620-20	4128703		1.00	Litzenbund	Câble	Wire harness
123	18601-97	4126821		1.00	Patch Cord 2,5m	Patch cord 2,5m	Patch cord 2,5m
124	17620-21	4128705		1.00	Litzenbund	Câble	Wire harness
125	17620-22	4128706		1.00	Verbindungskabel 6L	Câble de connection 6L	Connecting cable 6L
126	17621-88	4130732		1.00	Litzenbund	Câble	Wire harness
126	17621-98	4131131	7522642	1.00	Flachbandkabel	Câble ruban	Rippon cable
127	17621-87	4130728		1.00	Litzenbund	Câble	Wire harness
128	17608-48	4123202		1.00	Litzenbund	Câble	Wire harness
129	17621-86	4130723		1.00	Litzenbund	Câble	Wire harness
130	12051-84	4084170		1.00	Litze 16 mm^2 6 AWG schwarz	Câble 16 mm^2 6 AWG noir	Wire 16 mm^2 6 AWG black
131	4850/101	4100320		1.00	Ferrit Ringkern	Self à noyau torique	Toroidal choke
133	17620-25	4128710		1.00	Verbindungskabel 4L	Câble de connection 4L	Connecting cable 4L
137	17701-22	4127357		1.00	Litzenbund	Câble	Wire harness

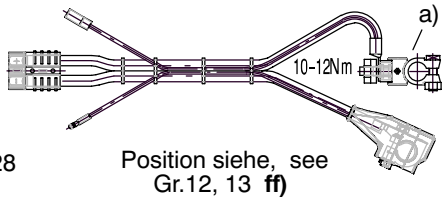




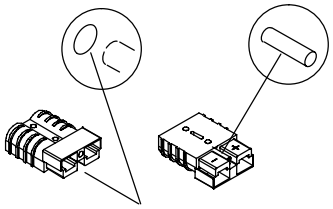


Position siehe, see Gr.12,13 **gg)**

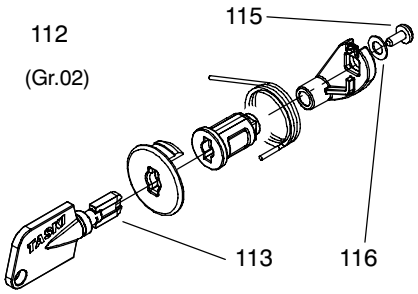




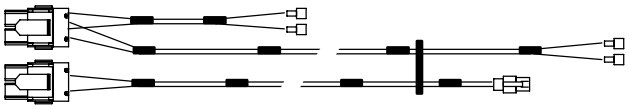
128 Position siehe, see Gr.12, 13 **ff)**



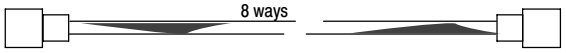
POWER + 7522642



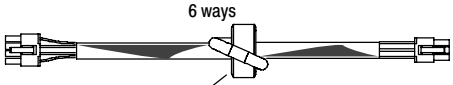
137 Position siehe, see Gr.12 **nn)**



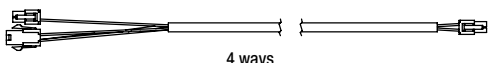
122 Position siehe, see Gr.12 **bb)**



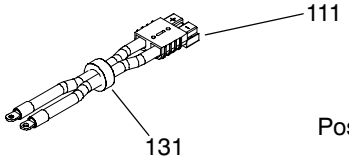
123 Position siehe, see Gr.12 **cc)**



125 131 Position siehe, see Gr.12 **dd)**



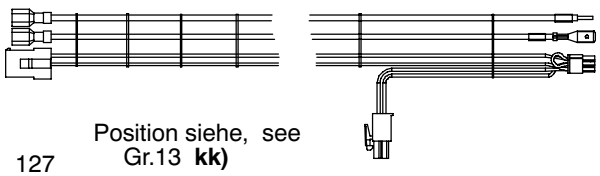
133 Position siehe, see Gr.12 **ii)**



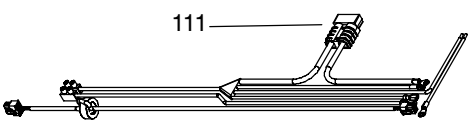
Position siehe, see Gr.12 **ll)**

ECO

126 Position siehe, see Gr.13 **ee)**

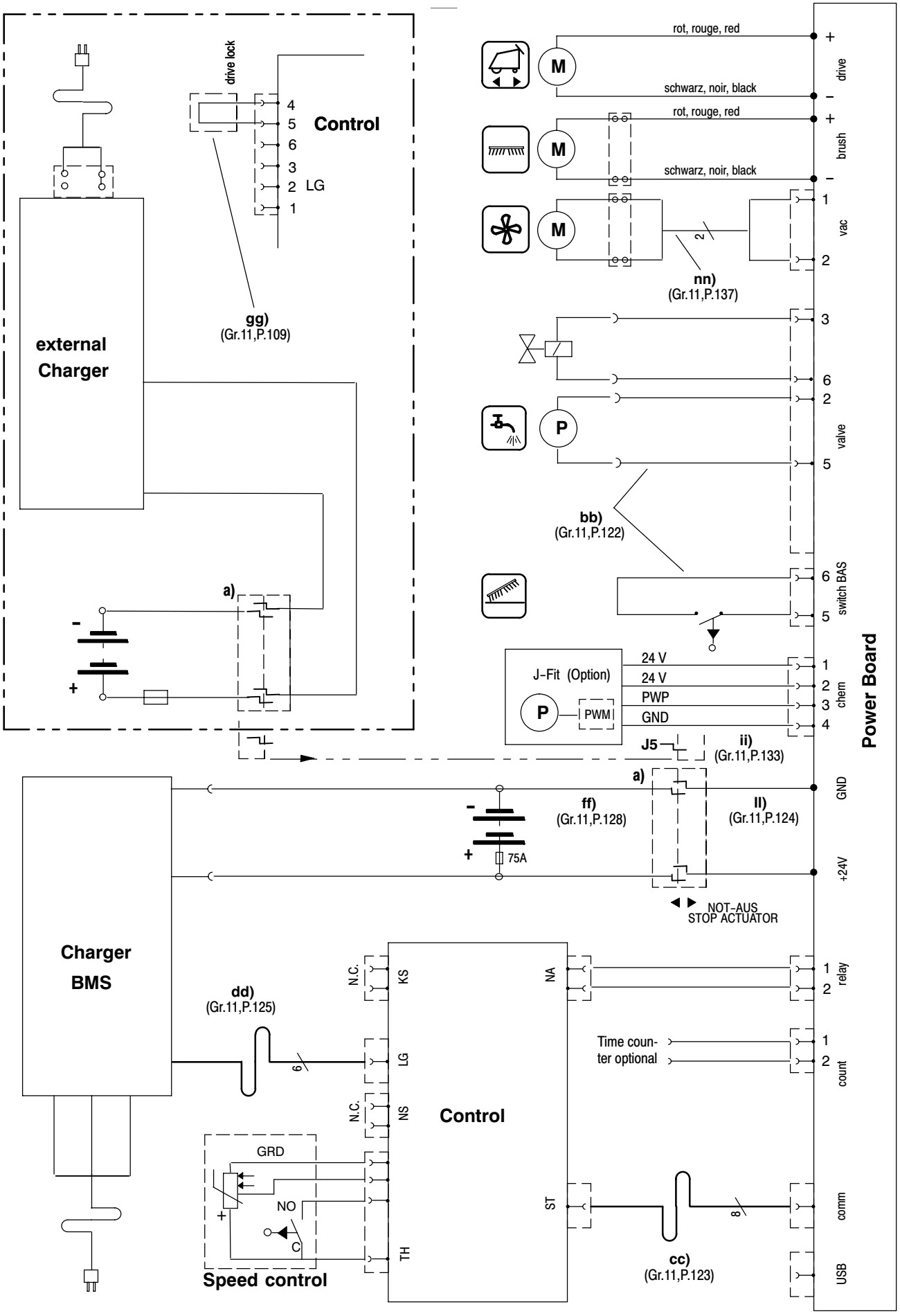


127 Position siehe, see Gr.13 **kk)**

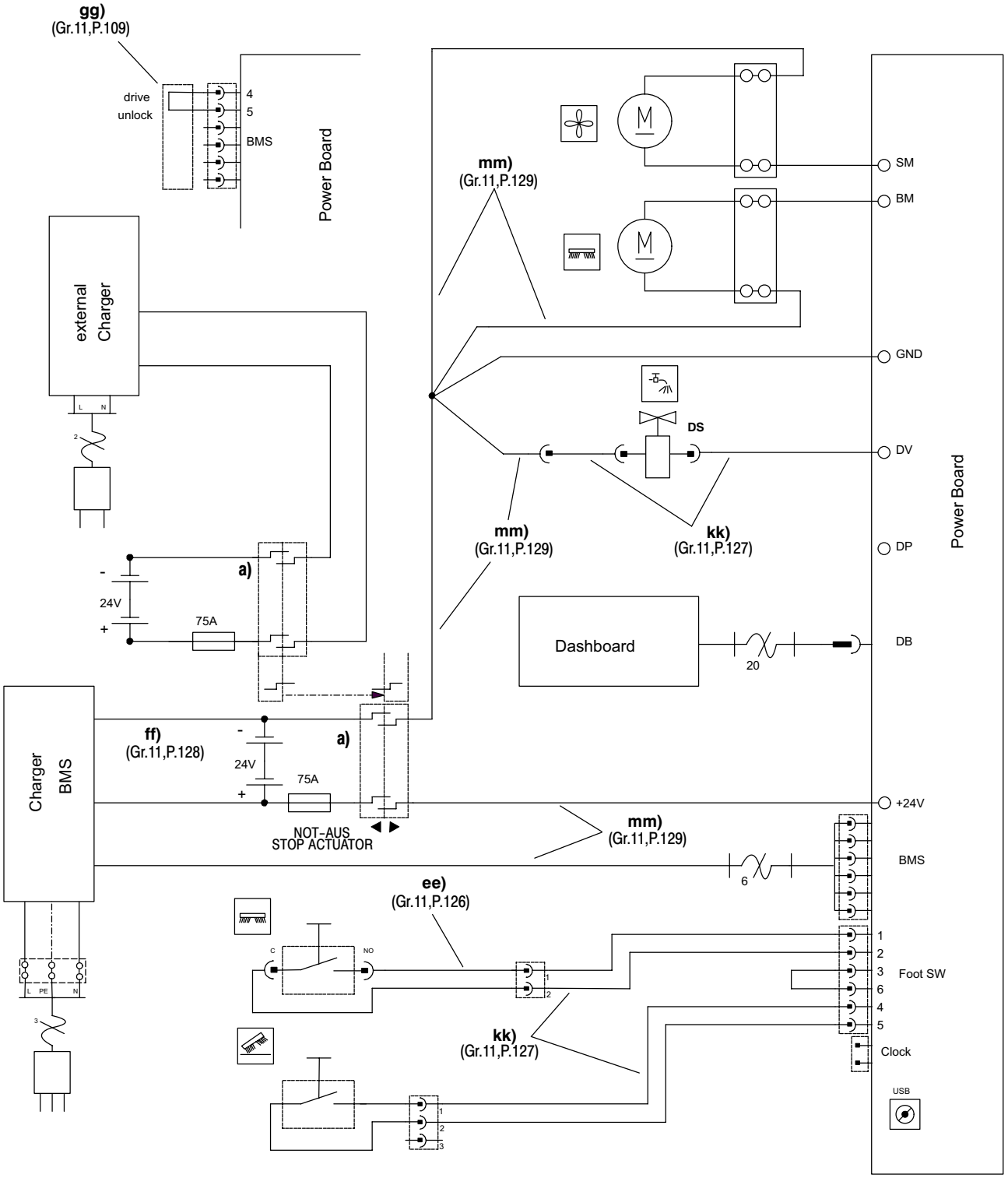


Position siehe, see Gr.13 **mm)**

S007186					Elektroschema Power	Schéma électrique Power	Electrical diagram Power
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description


drive lock
4
5
6
3
2 LG
1
Control
gg)
(Gr.11,P.109)
external
Charger
a)
-
+
rot, rouge, red
schwarz, noir, black
M
drive
brush
vac
nn)
(Gr.11,P.137)
P
valve
bb)
(Gr.11,P.122)
switch BAS
J-Fit (Option)
PWM
24 V
24 V
PWP
GND
chem
J5
ii)
(Gr.11,P.133)
Power Board
ff)
(Gr.11,P.128)
ll)
(Gr.11,P.124)
GND
+24V
75A
NOT-AUS
STOP ACTUATOR
Charger
BMS
dd)
(Gr.11,P.125)
N.C.
KS
LG
NS
TH
Control
NA
ST
relay
Time coun-
ter optional
count
comm
USB
cc)
(Gr.11,P.123)
GRD
NO
C
Speed control

S007187					Elektroschema ECO	Schéma électrique ECO	Electrical diagram ECO
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description


gg)
(Gr.11,P.109)
drive
unlock
4
5
BMS
Power Board
mm)
(Gr.11,P.129)
SM
BM
external
Charger
L
N
2
GND
DS
DV
mm)
(Gr.11,P.129)
kk)
(Gr.11,P.127)
DP
Power Board
-
24V
+
a)
75A
Dashboard
20
DB
Charger
BMS
ff)
(Gr.11,P.128)
-
24V
+
a)
75A
+24V
NOT-AUS
STOP ACTUATOR
mm)
(Gr.11,P.129)
BMS
6
ee)
(Gr.11,P.126)
C
NO
1
2
1
2
3
4
5
6
Foot SW
Clock
USB
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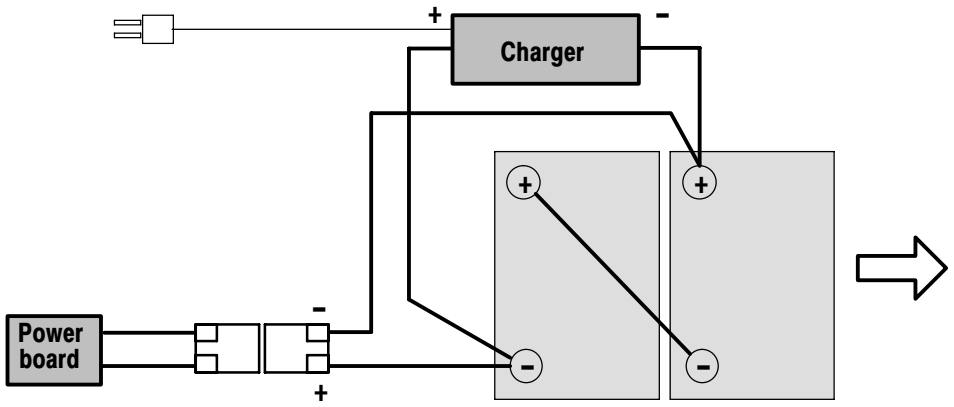
S007260					Batterie Anschlüsse	Connectionnes des batteries	Batterie Connections
Pos. No.	Artikelnr. Article No. Item No.	Bestellnr. No. de com Order No.	Model	Stck. Piè. Qty.	Bezeichnung	Designation	Description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Charger
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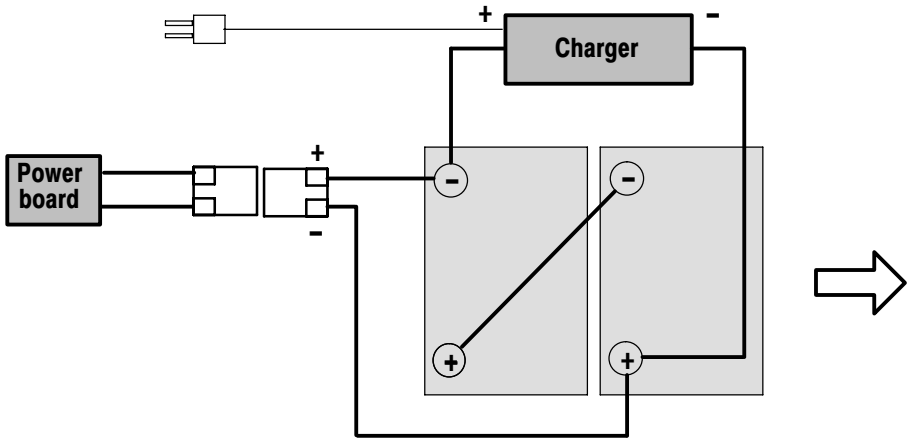
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