

Chariot 3 iExtract 26 Duo



Carpet Extractor

Operating Instructions (ENG)

Models: CE26
1.006-167.0

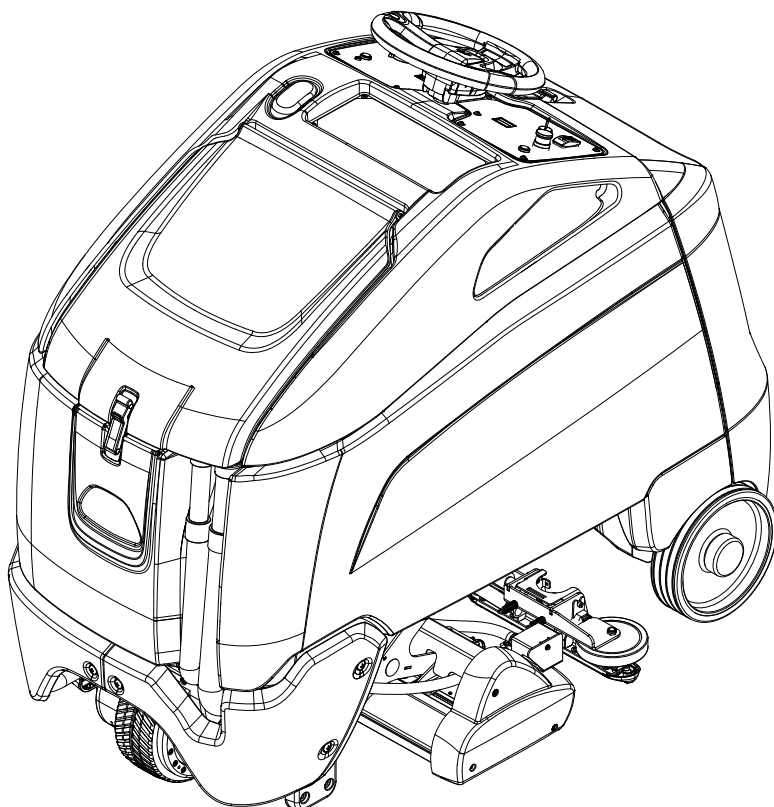
CEC26
1.006-168.0

CEO26
1.006-178.0

CECO26
1.006-179.0

CEJ26
1.006-180.0

CE26LI
1.006-188.0



From Serial Number (Ref No1*)
*See Serial Number Page
in Spare Parts List
or call manufacturer



WARNING:

This product and accessories may contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information about this regulation: www.P65Warnings.ca.gov



Model: _____

Date of Purchase: _____

Serial Number: _____

Dealer: _____

Address: _____

Phone Number: _____

Sales Representative: _____

Overview

The **Chariot® iExtract® CE26** is a battery powered, self-propelled Carpet Extractor intended for commercial use. The machine is a dual mode; interim and deep extraction carpet machine. Interim mode applies solution at a low flow rate agitated by the counter-rotating brushes with no solution recovery. Deep extraction applies solution at a high flow rate agitated by counter-rotating brushes and recovered by the dual vacuum shoes.

The machine is designed to apply a cleaning solution onto carpeted floor, and scrub the carpet with two counter-rotating brushes, then vacuum the soiled water back into the recovery tank.

Warranty Registration

Thank you for purchasing a Kärcher North America product. Warranty registration is quick and easy. Your registration will allow us to serve you better over the lifetime of the product.

To register your product go to :

<http://warranty.karcherna.com/>

For customer assistance:

1-800-444-7654



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How To Use This Manual

This manual contains the following sections:

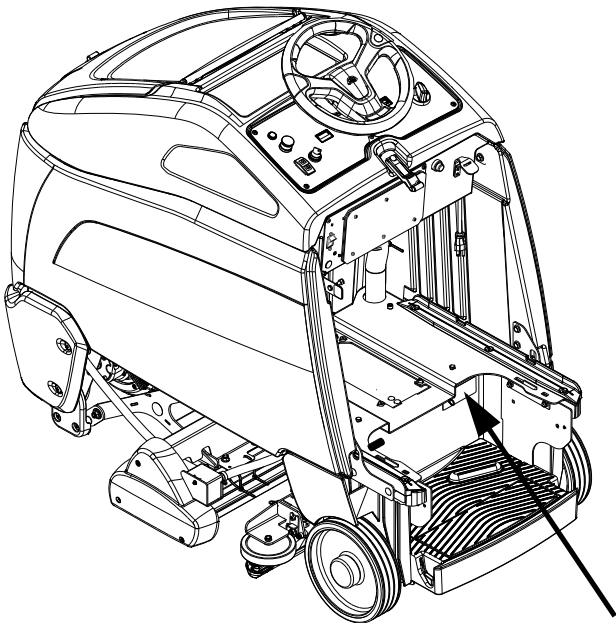
- How to Use This Manual
- Safety
- Operations
- Maintenance

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.

Model: _____
Date of Purchase: _____
Serial Number: _____
Dealer: _____
Address: _____
Phone Number: _____
Sales Representative: _____

The model and serial number of your machine are located on the back of the machine.



The SAFETY section contains important information regarding hazardous or unsafe practices of the machine. Levels of hazards are identified that could result in product damage, personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The MAINTENANCE section contains preventive maintenance to keep the machine and its components in good working condition. They are listed in this general order:

- Service Schedule
- Batteries
- Brush Deck
- Solution Strainer & Pump
- Vacuum & Float Shut-Off
- Drive Motor & Brake
- Troubleshooting

NOTE: The manual part number is located on the lower right corner of the front cover.

IMPORTANT SAFETY INSTRUCTIONS

**When using this machine, basic precaution
must always be followed, including the following:**

READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.

⚠ WARNING: To reduce the risk of fire, electric shock, or injury:

Use only indoors. Do not use outdoors or expose to rain.

Use only as described in this manual. Use only manufacturer's recommended components and attachments.

If the machine is **not working properly**, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.

Do not operate the machine with any openings blocked. Keep openings free of debris that may reduce airflow.

This machine **is not** suitable for picking up hazardous dust.

Do not operate this machine near flammable fluids, dust or vapors. Do not expose to fire.

Maintenance and repairs **must be done** by qualified personnel.

If foam or liquid comes out of machine, **switch off immediately**.

Disconnect battery before cleaning or servicing.

Do not use a visibly damaged battery pack or appliance. If the battery housing is damaged, do not touch exposed contents.

Do not modify or attempt to repair the appliance or the battery pack.

Lithium Battery Option: For use only with Discover Lithium battery 12-36-6700 and Delta Q QuiQ 1000 Charger.

Before the machine is discarded, the batteries **must be removed** and properly disposed of.

Make sure all warning and caution labels **are legible and properly attached** to the machine.

During operation, attention shall be paid to other persons, especially children.

Before use all covers and doors shall be put in the positions specified in the instructions.

When leaving unattended, secure against unintentional movement.

The machine shall only be operated by instructed and authorized persons.

When leaving unattended, switch off or lock the main power switch to prevent unauthorized use.

Only chemicals recommended by the manufacturer shall be used.

This appliance has been designed for use with the brushes specified by the manufacturer. The fitting of other brushes may affect its safety.

Do not use on surfaces having a gradient of over 10% (6 degrees).

READ AND SAVE THESE INSTRUCTIONS

MESURES DE SÉCURITÉ IMPORTANTES

Lors de l'utilisation d'un appareil à batteries, il est nécessaire de respecter systématiquement des mesures de sécurité de base, comme suit:

PRENEZ NOTE DE TOUTES CES MESURES AVANT D'UTILISER CETTE MACHINE.

AVERTISSEMENT:

Pour réduire les risques d'incendie, de chocs électriques, ou de blessures:

N'utiliser cette machine qu'en intérieur. Ne jamais l'utiliser à l'extérieur ou dans la pluie.

Utiliser cet appareil conformément aux instructions du présent manuel uniquement. N'utiliser que les composants et les accessoires conseillés par le fabricant.

Lorsque la machine ne fonctionnant pas correctement, a fait l'objet d'une chute ou d'une détérioration, a été laissée à l'extérieur, est tombée dans l'eau, la retourner au centre de service agréé.

Ne pas opérer la machine lorsque les conduits de ventilation sont bloqués. Débarrasser les débris des conduits, car ils peuvent réduire l'écoulement d'air.

Cette machine n'est pas adaptée au ramassage de poussières dangereuses

Ne pas l'utiliser près de liquides, de poussières ou de vapeurs inflammables. Ne pas exposer au feu.

L'entretien et les réparations de la machine doivent être effectuées par un personnel qualifié.

Si de la mousse ou du liquide sort de la machine, la mettre hors tension immédiatement.

Déconnecter les batteries avant de nettoyer la machine ou de la soumettre à un entretien.

Ne pas utiliser de bloc-batterie ni d'appareil visiblement endommagé. Si le compartiment de batterie est endommagé, ne pas toucher au contenu exposé.

Ne pas modifier ni tenter de réparer l'appareil ou le bloc-batterie.

Option pour batterie lithium-ion Pour utilisation avec batterie au lithium Discover 12-36-6700 et chargeur Delta Q QuiQ 1000 avec un algorithme au lithium.

Avant de se débarrasser de la machine, il est nécessaire de retirer les batteries et de les jeter correctement.

S'assurer que toutes les plaques d'avertissement ou de précaution sont lisibles et fixées correctement sur la machine.

Durant la manoeuvre de la machine, prendre garde aux personnes environnantes et notamment aux enfants.

Avant l'utilisation de la machine, veiller à positionner tous les couvercles et portes comme indiqué dans les instructions.

Lorsque la machine est laissée sans surveillance, s'assurer qu'elle ne se déplace pas de manière accidentelle.

Cette machine ne doit être manoeuvrée que par un personnel expérimenté et qualifié.

Lorsque la machine est laissée sans surveillance, la mettre hors tension ou verrouiller l'interrupteur principal afin d'empêcher un emploi non autorisé.

Seuls les produits chimiques recommandés par le fabricant doivent être utilisés.

Cette machine a été conçue pour être utilisée avec des brosses spécifiées par le fabricant.

L'utilisation d'autres brosses peut affecter sa sûreté.

N'employez pas sur des surfaces ayant un gradient de plus de 10% (6 degrés).

CONSERVER CES INSTRUCTIONS

The following symbols are used throughout this guide as indicated in their descriptions:

HAZARD INTENSITY LEVEL

There are three levels of hazard intensity identified by signal words -**WARNING** and **CAUTION** and **FOR SAFETY**. The level of hazard intensity is determined by the following definitions:

WARNING:

WARNING - Hazards or unsafe practices which COULD result in severe personal injury or death.

CAUTION:

CAUTION - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

FOR SAFETY: *To Identify actions which must be followed for safe operation of equipment.*

Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition. Following is information that signals some potentially dangerous conditions to the operator or the equipment. Read this information carefully. Know when these conditions can exist. Locate all safety devices on the machine. Please take the necessary steps to train the machine operating personnel.

FOR SAFETY:

DO NOT OPERATE MACHINE:

Unless Trained and Authorized.

Unless Operation Guide is Read and understood.

In Flammable or Explosive areas.

In areas with possible falling objects.

WHEN SERVICING MACHINE:

Avoid moving parts. Do not wear loose clothing; jackets, shirts, or sleeves when working on the machine. Use Kärcher North America approved replacement parts.

WARNING:

Batteries emit hydrogen gas. Explosion or fire can result. Keep sparks and open flame away. Keep battery compartment open during charging. Keep sparks and flames away from the batteries. Do not smoke around batteries.

WARNING:

Disconnect batteries before working on machine. Only qualified personnel should work inside machine. Always wear eye protection and protective clothing when working on or near batteries. Avoid skin contact with the acid contained in the batteries.

WARNING:

Never allow metal to lie across battery tops.

Les symboles ci-dessous sont utilisés à travers ce manuel comme illustré dans leurs descriptions:

DEGRÉS DE RISQUES EN CAS DE DANGER

Il existe trois degrés de risques identifiés par les termes signalétiques -AVERTISSEMENT et ATTENTION et POUR VOTRE SÉCURITÉ. Le degré de risque est défini de la manière suivante:

AVERTISSEMENT:

AVERTISSEMENT - Dangers ou méthodes dangereuses qui POURRAIENT provoquer de graves blessures ou entraîner la mort.

ATTENTION:

ATTENTION - Dangers ou méthodes dangereuses qui pourraient provoquer des blessures légères ou une détérioration du produit ou des biens immobiliers.

POUR VOTRE SÉCURITÉ: ce signe permet d'identifier les mesures de précaution à prendre pour assurer un bon fonctionnement du matériel.

Rendre compte immédiatement d'une défaillance ou d'une détérioration de la machine. Ne pas utiliser la machine si celle-ci ne fonctionne pas correctement. Lire soigneusement les informations ci-dessous signalant certains dangers potentiels pour l'opérateur de la machine. L'opérateur doit être absolument au courant de ces dangers potentiels. Localiser tous les dispositifs de sécurité sur la machine. Il est conseillé de prendre les mesures nécessaires pour former le personnel opérateur.

POUR VOTRE SÉCURITÉ:

NE PAS MANOEUVRER LA MACHINE:

Lorsqu'on n'est pas expérimenté ou qualifié.

Lorsque le guide d'utilisation n'est pas été lu ou compris.

Dans des zones inflammables ou explosives.

Dans des zones où des objets peuvent tomber.

LORS DE L'ENTRETIEN DE LA MACHINE:

Éviter les parties amovibles. Ne pas porter de vêtements amples, tels que des vestes, des chemises ou des vêtements avec manches lors de l'utilisation de la machine. Utiliser les pièces détachées Kärcher North America homologuées.

AVERTISSEMENT:

Les batteries émettent le gaz d'hydrogène. L'explosion ou le feu peut résulter. Étincelles de subsistance et flamme nue loin. Compartiment de batterie de subsistance ouvert en chargeant. Étincelles et flammes de subsistance loin des batteries. Ne fumez pas autour des batteries.

AVERTISSEMENT:

Déconnecter les batteries avant de travailler sur la machine. La machine ne doit être confiée qu'à un personnel qualifié. Porter systématiquement des lunettes et des vêtements de protection lors d'une intervention sur les batteries ou aux alentours. Éviter tout contact de la peau avec l'acide contenu dans les batteries.

AVERTISSEMENT:

Ne jamais placer d'objets métalliques sur le dessus des batteries.

How This Machine Works

The Chariot® iExtract® 26 is a battery powered, self-propelled Carpet Extractor intended for commercial use. The machine is a dual mode; interim and deep extraction carpet machine. Interim mode applies solution at a low flow rate agitated by the counter-rotating brushes with no solution recovery. Deep extraction applies solution at a high flow rate agitated by counter-rotating brushes and recovered by the dual vacuum shoes.

The machine is designed to apply a cleaning solution onto carpeted floor, and scrub the carpet with two counter-rotating brushes, then vacuum the soiled water back into the recovery tank. The machine's primary systems are the solution system, scrub system, recovery system, and operator control system.

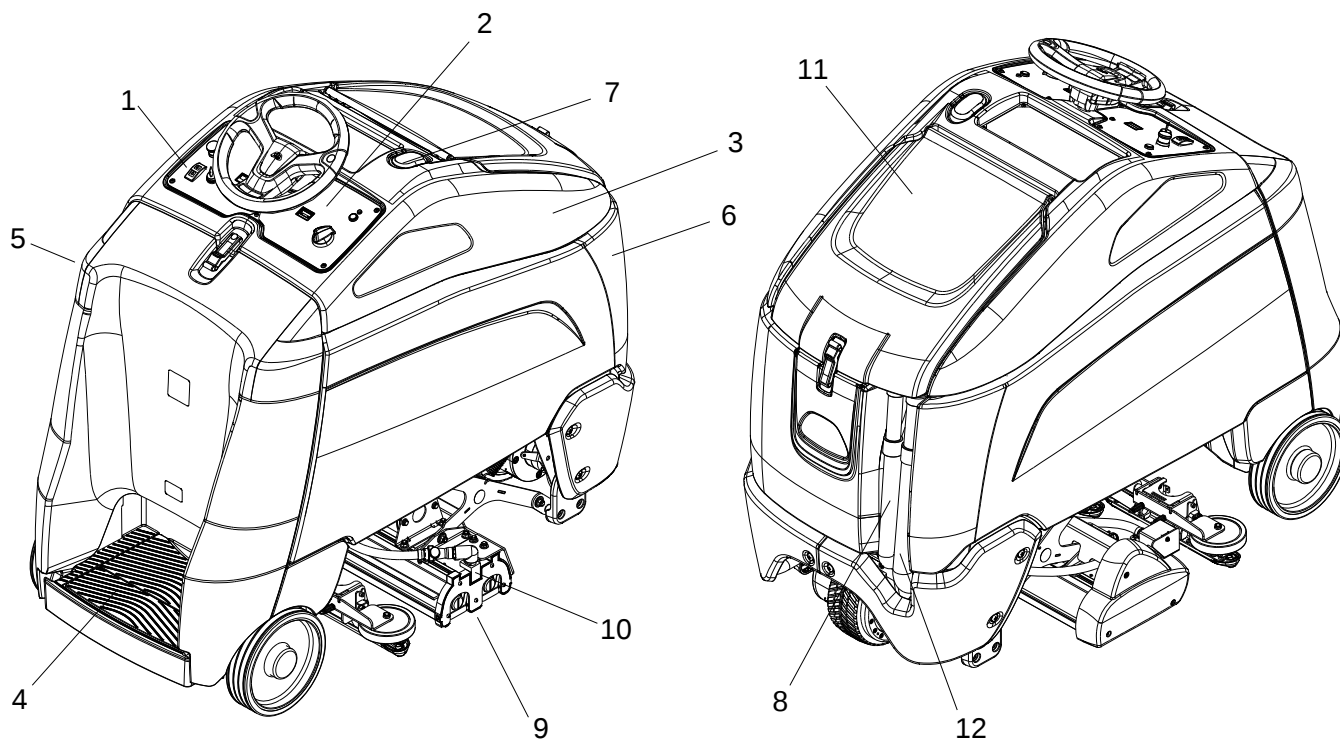
The function of the solution system is to store cleaning solution and deliver it to the scrub system. The solution system is gravity fed. The solution system consists of the solution tank, strainer, valve, manifold and controls. The solution tank stores cleaning solution (water and detergent) until it is delivered to the scrub system. The strainer protects the valve from debris. The strainer prevents debris from entering the supply lines, valve, and manifold. The valve automatically prevents solution flow unless the scrub brushes are turned on and the machine is being propelled.

The function of the scrub system is to scrub the carpet and lift and groom the carpet pile. The scrub system consists of two cylindrical counter-rotating brushes, a motor, lift actuator, and controls. The brushes scrub the carpet as the motor drives the brushes. The counter-rotating action of the brushes applies and agitates the solution into the carpet.

The function of the recovery system is to vacuum the soiled water back into the recovery tank. The recovery system consists of two vacuum shoes, two vacuum motors, float ball filter, and controls. The vacuum shoes extract the dirty solution from the carpet as the machine moves forward. The vacuum motors provide suction to draw the dirty solution off the carpet and into the recovery tank. The float ball filter protects the vacuum fan from debris and foam. The recovery tank stores the dirty solution.

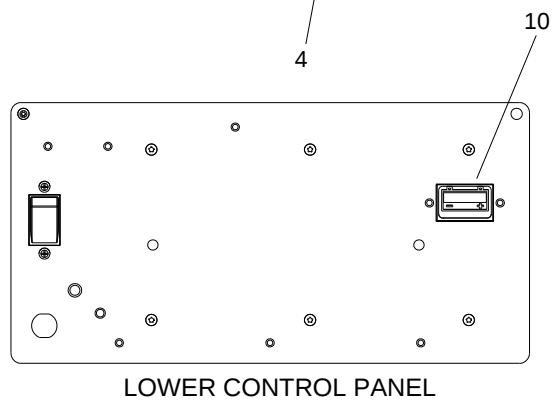
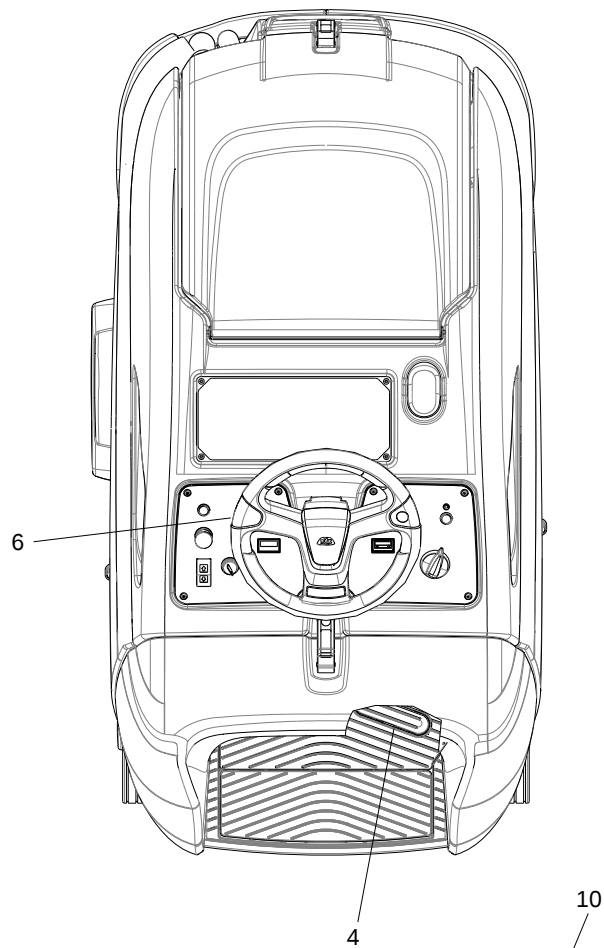
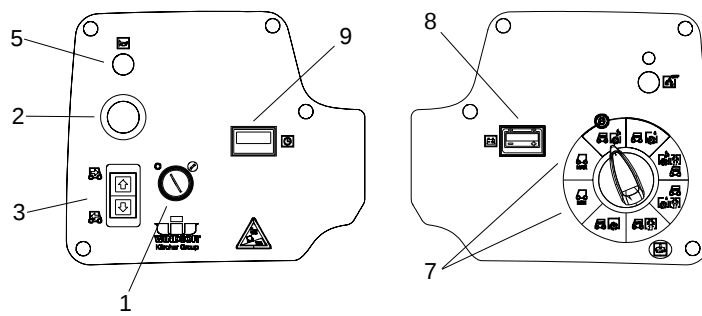
The function of the operator control system is to control the direction and speed of the machine. The directional control system consists of the direction control drive reset switch, throttle pedal, emergency stop/brake switch, steering wheel, propel controller, and drive wheel. The directional control drive reset switch signals forward or reverse direction and makes sure the operator is on platform before machine will propel. The controller interprets signals from the throttle pedal to command the drive wheel to propel or slow the machine. The steering wheel points the drive wheel in the direction desired by the operator. The parking brake automatically engages when the operator steps off the platform. The emergency stop/brake can be used to hold the machine on slopes.

NOTE: Impact to machine may cause damage.



Components

- | | |
|--------------------------|-------------------------|
| 1. Control Panel - Drive | 7. Recovery Sight Dome |
| 2. Control Panel - Scrub | 8. Solution Drain Hose |
| 3. Console | 9. Brush Deck |
| 4. Pedal Platform | 10. Solution Supply |
| 5. Rear Cover | 11. Recovery Lid |
| 6. Tank | 12. Recovery Drain Hose |



LOWER CONTROL PANEL

Drive Controls

1. Key Switch
2. Emergency Stop/Brake Switch
3. Directional Control / Drive Reset Switch
4. Throttle Pedal
5. Horn Button
6. Steering Wheel
7. Speed Control
8. Battery Discharge Indicator
9. Hour Meter
10. Error Indicator (lithium only)

1. KEY SWITCH

Controls the power for machine functions.

To turn the machine power on, rotate key clockwise.

To turn the machine off, rotate key counterclockwise.

When the key is turned on the battery symbol will flash while the system runs self-diagnostics and returns scrub deck and squeegee to their raised positions, if necessary. The controller will not respond to other commands until this routine is complete.

2. EMERGENCY STOP / BRAKE SWITCH

This safety feature is designed to cut all power to the machine at any time and apply parking brake.

To shut the machine power off, push the Emergency Stop Switch, this will also engage the parking brake and cause the machine to stop immediately. Excessive emergency stop usage can cause premature brake wear; use only when necessary.

To reset the machine, rotate the switch clockwise.

3. DIRECTIONAL CONTROL / DRIVE RESET SWITCH

This safety feature is designed to ensure safe engagement of propel drive. Each time the machine power is turned on, or each time an operator steps on to the platform, the Drive Reset Switch must be pushed before machine will propel.

Controls the direction of travel of the vehicle. The lit arrow on the switch indicates direction of travel.

To travel forward, press the top of the switch.

To travel in reverse, press the bottom of the switch.

4. THROTTLE PEDAL

Controls the speed of the vehicle within the speed control setting selected. Pressing the pedal causes the machine to travel in the direction selected by the Directional Control Switch.

To increase speed, increase pressure on the pedal.

To decrease speed, decrease pressure on the pedal.

5. HORN BUTTON

The horn is activated by pressing the horn button.

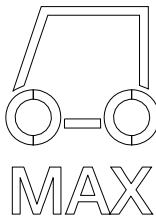
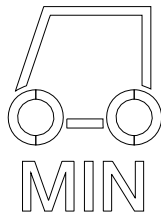
6. STEERING WHEEL

The steering wheel turns the front wheel causing the machine to change direction.

7. SPEED CONTROL

Controls the maximum speed of the machine. There are two transport settings, slow and fast.

To change speed, rotate the dial to either slow or fast position. The speed for fast and slow are as indicated on the control panel by the symbols shown below. The throttle pedal will always regulate the speed between 0 and maximum.



8. BATTERY CHARGE LEVEL INDICATOR

Indicates the charge level of the batteries.

The meter display is divided into 10 bars. Bars illuminated on the far right indicate full charge. Bars flashing near the left side indicate the batteries should be recharged. Further operation of the machine could damage the machine or the batteries.

When the machine is left overnight with less than a full charge, the display may initially indicate a full charge. It will also indicate a full charge if the batteries are disconnected, then reconnected. After a few minutes of operation the meter will give the correct charge level.

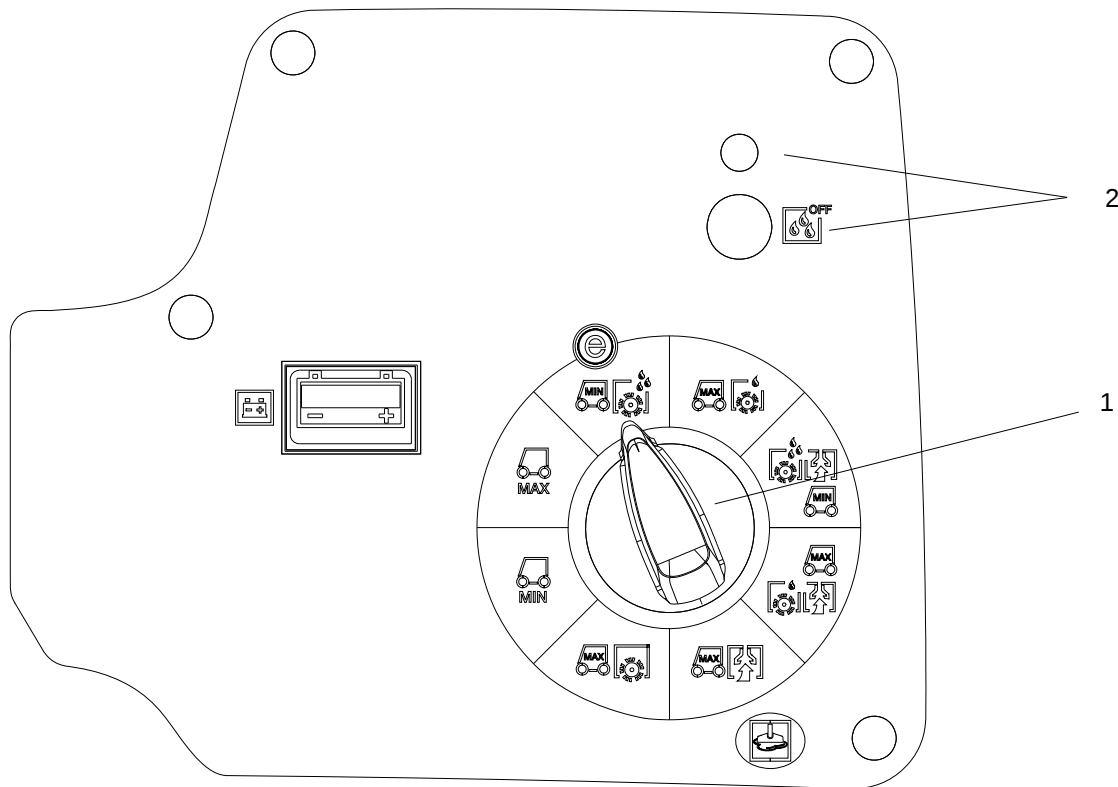
9. HOUR METER

Records the number of hours the machine has been in scrubbing operation. This information is useful in determining when to service the machine.

10. ERROR INDICATOR (LITHIUM ONLY)

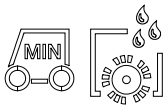
Indicates any errors that the machine may experience when the machine is equipped with lithium batteries.

Scrub Controls



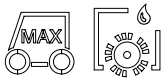
1. Function Mode Dial

The first two positions are for transport only. See drive controls section.



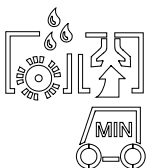
Interim Mode-Slow

This mode is used for interim cleaning. In this mode the machine will propel at slow speed. The brush deck will automatically lower to contact the floor. The water will flow at a low rate set by the controller. Water will automatically shut off in neutral and resume as machine propels forward. The vacuum shoes will remain off the floor and the vacuum motors will be off in this mode.



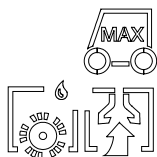
Interim Mode-Fast

This mode is used for interim cleaning. In this mode the machine will propel at fast speed. The brush deck will automatically lower to contact the floor. The water will flow at a low rate set by the controller. Water will automatically shut off in neutral and resume as machine propels forward. The vacuum shoes will remain off the floor and the vacuum motors will be off in this mode.



Deep Extraction-Slow

This mode is used for deep carpet extraction. In this mode the machine will propel at slow speed. The brush deck will automatically lower to contact the floor. The vacuum shoes will automatically lower to the floor and the vacuum motors will turn on. The water will flow at a high rate. Water will automatically shut off in neutral and resume as machine propels forward. The vacuum shoes will lift off the floor in reverse with the vacuum motors having a delayed shut off to clear the hoses.



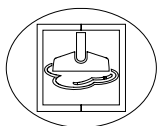
Deep Extraction-Fast

This mode is used for deep carpet extraction. In this mode the machine will propel at fast speed. The brush deck will automatically lower to contact the floor. The vacuum shoes will automatically lower to the floor and the vacuum motors will turn on. The water will flow at a high rate. Water will automatically shut off in neutral and resume as machine propels forward. The vacuum shoes will lift off the floor in reverse with the vacuum motors having a delayed shut off to clear the hoses.



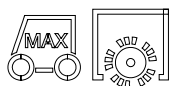
Vacuum Only Mode

This mode is used for solution recovery. In this mode the machine will propel at fast speed. The brush deck will be up and the motor off. There will be no solution flow in this mode. The vacuum shoes will automatically lower to the floor and the vacuum motors will turn on. The vacuum shoes will lift off the floor in reverse with the vacuum motors having a delayed shut off to clear the hoses.



Off-Aisle Tool Mode (Wand/Hand Tool)

This mode is used for Off-Aisle tool use. The dial is set in the same position as the Vacuum Only Mode. Once the Off-Aisle tool button on the lower control panel is pushed, the machine will not propel. The vacuum motors and pump will come on and solution will flow.



Brush Only Mode

This mode is used for carpet agitation. In this mode the machine will propel at fast speed. The brush deck will automatically lower to contact the floor. There will be no solution flow in this mode. The vacuum shoes will remain off the floor and the vacuum motors will be off in this mode.

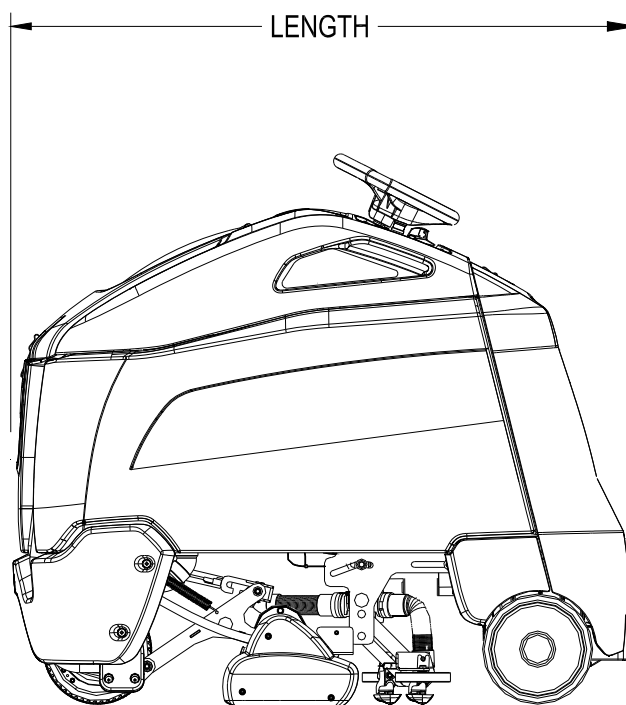
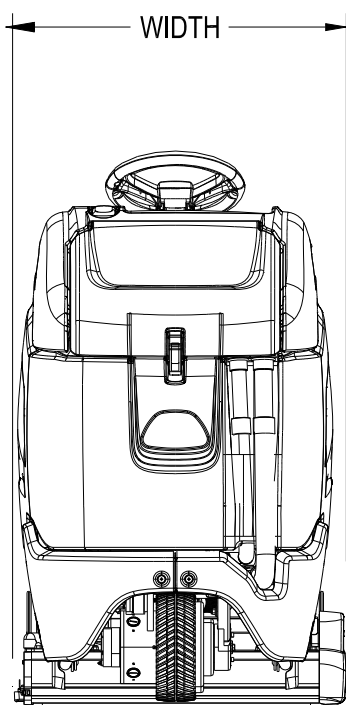
2. Solution Button and Indicator

The button enables and disables solution flow. When the green indicator is illuminated, solution flow is enabled.

Technical Specifications

ITEM	DIMENSION/CAPACITY
Nominal power	1944 W
Rated Voltage	36 Volts DC
Rated Amperage	54 amps
Batteries	3 X12 Volt 205-234 AH @ 20 hr. rate
Battery Compartment Dimensions	21 in. x 16 in. x 17 in. tall (533mm x 406mm x 432mm)
Battery, Lithium	38.4 Volts
Battery, Lithium - Dimensions	(375mm x 347.5 x 471.5 mm)
Brush Motor	.5 HP (373W)
Vacuum Motors	2 X .75 HP (560W)
Maximum flow rate of vacuum motors	78.0 cfm (36.8 liters per second)
Maximum suction of vacuum motors	71.8 inches of water (17.8 kPa)
Propelling Motor	.75 HP (600 W)
Mass (GVW)	Ev185A-A = 1226 lbs, (557 kg) J185H-AC = 1193 lbs. (542 kg) J185P-AC = 1151 lbs. (523 kg)
Weight empty without batteries	418 lbs (190 kg)
Solution Control	Variable with automatic shut-off in neutral
Solution capacity	25 gal (95 L)
Recovery capacity	27 gal (102 L)
Scrub brush diameter	4 inch (102 mm)
Scrub brush pressure	Floating
Brush speed	1025 rpm
Tires	10 in. (254mm) Solid scrubber compound rear, urethane front
Extracting speed 1	.5 mph (.8km/hour)
Extracting speed 2	1.0 mph (1.7 km/hour)
Foundation Pressure	134 psi (923 Kpa)
Maximum Speed	4.1 miles/hour (6.5 km/hour)
Frame Construction	Powder coated steel
Brake	Electrical parking brake, sets automatically whenever operator steps off platform or engages emergency stop.
Minimum aisle u-turn width	64 in. (1630 mm)
Maximum rated climb and descent angle	10% (6 degrees)
Sound Pressure Level	69.0 dBA

ITEM	MEASURE
Height	50.0 inches (1270 mm)
Length	56.1 inches (1425 mm)
Width	29.5 inches (749 mm)
Width of scrub path	26 inches (660mm)



⚠ CAUTION:

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

⚠ ATTENTION:

Cet appareil n'est pas prévu à l'usage des personnes (enfants y compris) avec des possibilités physiques, sensorielles ou mentales réduites, ou le manque d'expérience et de connaissance, à moins qu'ils aient été donnés la surveillance ou l'instruction au sujet de l'utilisation de l'appareil par une personne chargée de leur sûreté. Des enfants devraient être dirigés pour s'assurer qu'ils ne jouent pas avec l'appareil.

Machine Operation

Pre-Run Machine Inspection

Do a pre-run inspection to find possible problems that could cause poor performance or lost time from breakdown. Follow the same procedure each time to avoid missing steps.

NOTE: Perform Pre-run Machine Check before operating machine. See Service Schedule in Maintenance Section.

Starting Machine

FOR SAFETY: Before starting machine, make sure that all safety devices are in place and operating properly.

1. The operator should be on the pedal platform. The throttle pedal must be in the neutral position.
2. Turn the machine power on by turning key switch clockwise to the "ON" position.
3. Press the Drive Reset Directional Control Switch to reset and set the intended direction for travel.
4. Press lightly on the throttle pedal with right foot.

Emergency Stop Procedures

1. Push in emergency stop button. This will also engage the parking brake and cause the machine to stop immediately.

Filling Solution Tank

FOR SAFETY: Before leaving or servicing machine; stop on level surface, turn off machine and remove key.

1. Turn the machine power off.
2. Remove solution cover.
3. Fill the solution tank with clean water, leaving enough room for the required amount of detergent. The solution tank capacity filled to fill inlet is 25 gallons (95 liters). The water must not be hotter than 140° F (60°C) to prevent damage to the tank.
4. Measure the chemical into the solution tank. The solution cover is also a 2 oz. (60 ml) measuring cup. Liquid chemicals should be added to the solution tank after filling with water. Dry chemicals should be thoroughly mixed before being added into solution tank. Commercially available, high alkaline floor cleaners, are suitable for use in the solution system.

NOTE: Read the chemical manufacturers recommended proportion instructions.

5. Replace solution tank cover.

WARNING:

Flammable materials can cause an explosion or fire. Do not use flammable materials in the tanks.

AVERTISSEMENT:

Les matières inflammables peuvent provoquer une explosion ou un incendie. Ne pas utiliser de matériaux inflammables dans les réservoirs.

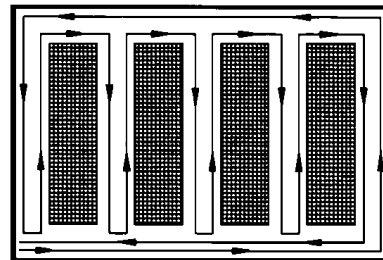
Normal Scrubbing

Plan the scrubbing pattern in advance. The longest track is around the perimeter of the area to be cleaned. For efficient operation, the runs should be the longest possible without turning, stopping, or raising or lowering scrub deck/squeegee.

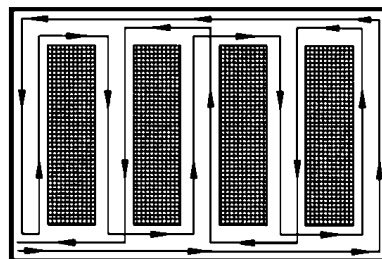
In order to achieve the best possible results, the area which is to be cleaned should be swept before scrubbing. Large debris, strings and wire must be removed to prevent being caught in brushes or vacuum shoe.

If the machine is allowed to stand in neutral with the scrub deck down, the solutions flow stops and brush motors stop. If either forward or reverse travel is selected, the solution flow will continue in the same setting and the scrub brush motors will continue in their same setting once movement of machine begins. Overlap the brush path and avoid transporting over previously cleaned areas.

INEFFICIENT SCRUBBING PATH



RECOMMENDED SCRUBBING PATH



To Begin Scrubbing

WARNING:

When operating the machine around people, pay close attention for unexpected movement. Use extra caution around children.

AVERTISSEMENT:

Lorsque vous utilisez la machine en présence de gens, portez une attention particulière aux mouvements inattendus. Soyez plus prudent, surtout en présence d'enfants.

WARNING:

Flammable liquids and/or reactive metals can cause explosions or fire! Do not pick up.

AVERTISSEMENT:

Les liquides inflammables et / ou les métaux réactifs peuvent provoquer des explosions ou un incendie! Ne les ramassez pas.

1. Stand on the operator platform. Throttle pedal must be in neutral position.
2. Turn machine power on.
3. Press the Drive Reset / Directional Control Switch, selecting the desired travel direction.
4. Position the function control knob to the desired operation. The scrub deck and vacuum shoes will lower, and the vacuum will turn on.
5. Drive machine forward to begin scrubbing. The scrub brush motor will run and solution will flow when the throttle is depressed.

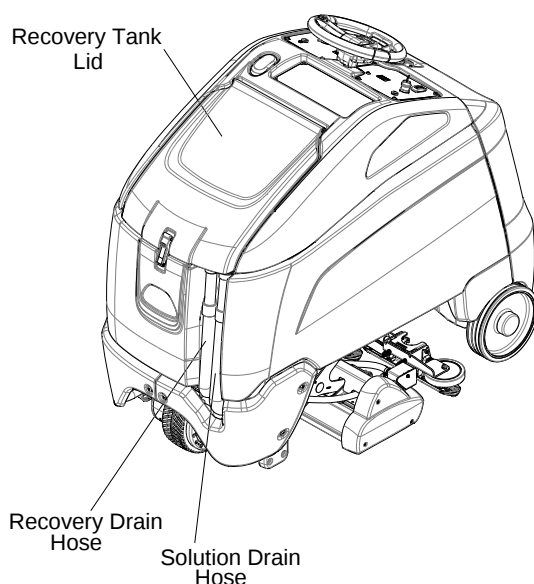
NOTE: Shut machine off immediately if water or foam is expelled from the machine.

NOTE: Solution flow is automatically shut off when brush motor stops. When brush motor is activated, flow automatically resumes.

To Stop Scrubbing

1. Rotate the function knob to either transport position. The brush motor will stop and the scrub deck will rise to the park position. After 10 seconds the vacuum shoe will raise, and 10 seconds later the vacuum motor will turn off. This delay is to clear the vacuum hose of recovered solution.
2. Allow the throttle pedal to return to neutral.
3. Turn machine power off.

FOR SAFETY: Before leaving or servicing machine: stop on level surface, turn off machine and remove key.



Solution Tank

1. Remove the recovery tank lid.
2. Pull the solution drain hose from its mounting pocket. Unscrew the cap, then lower hose in direction of drain.
3. Remove the solution tank cap.
4. Flush the solution tank out with clean water and run several gallons of clean water through systems. Do not use water hotter than 140°F (60°C) to clean tank. Damage may occur.
5. If machine is to be stored, leave solution cap off.

NOTE: Never allow solution to remain in tank. Damage to tank, seals and valves could occur.

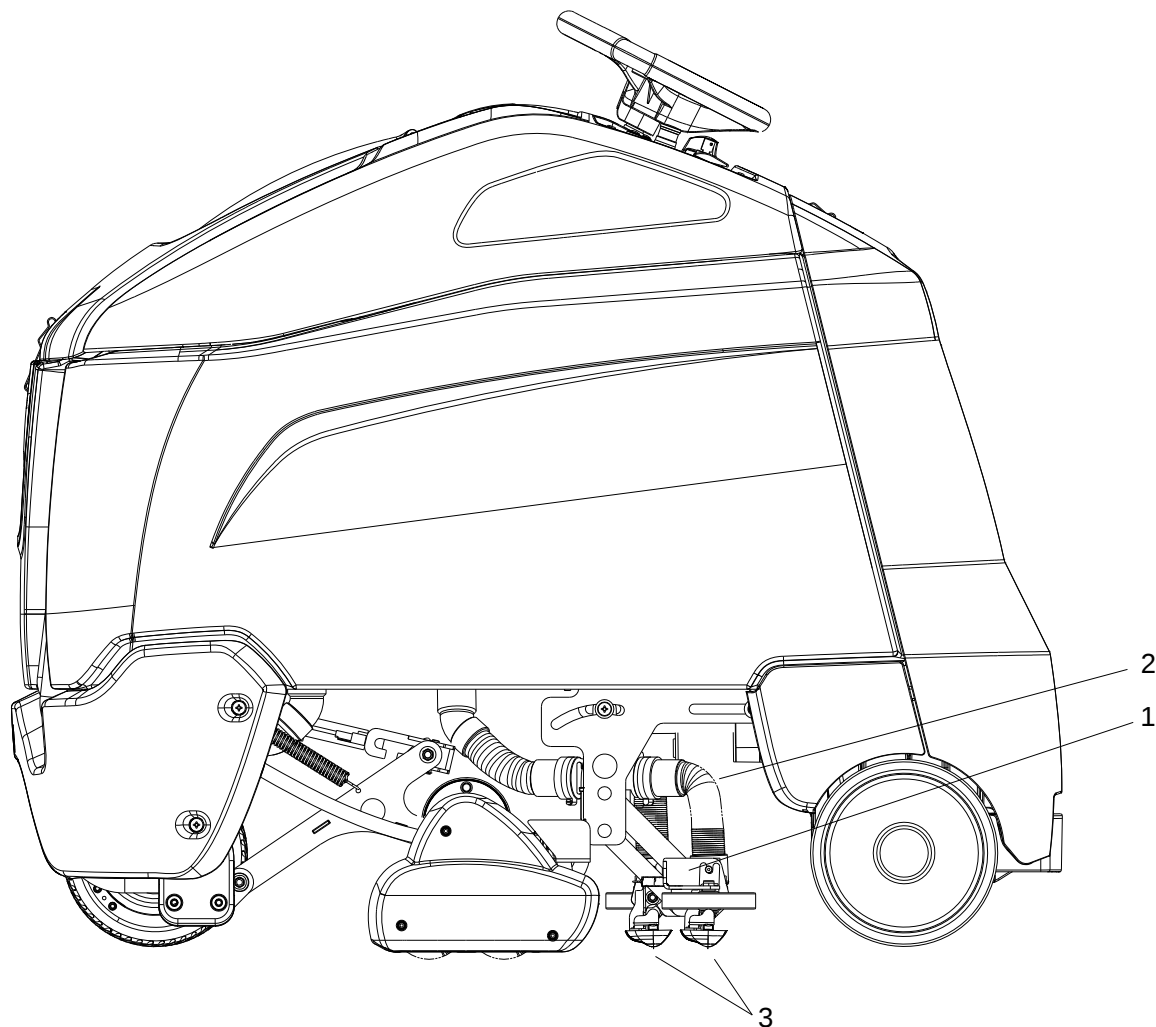
Emptying and Cleaning Tanks

1. Park the machine next to a floor drain. Drain hoses are at the front of the machine.
2. Turn the machine power off.

Recovery Tank

1. Open the recovery tank lid. Pull the recovery drain hose from the mounting bracket. Open cap, then lower hose in direction of the drain. Do not stand in front of end of hose. Recovered solution will come out with force.
2. Flush the recovery tank out with clean water. Do not use water hotter than 140°F (60°C) to clean tank. Damage may occur.
3. Clean debris bin.
4. Clean off the float shut-off system and inspect for free movement of float.
5. Replace the drain hose cap and secure drain hose.
6. If machine is to be stored, leave the recovery tank lid propped open.

Vacuum Shoes



1. Vacuum Shoe Release

The latch holds the vacuum shoe in place.

2. Vacuum Hoses and Y-Tube

Vacuum shoe hose and y-tube carry the recovered solution to the recovery tank.

3. Vacuum Shoes

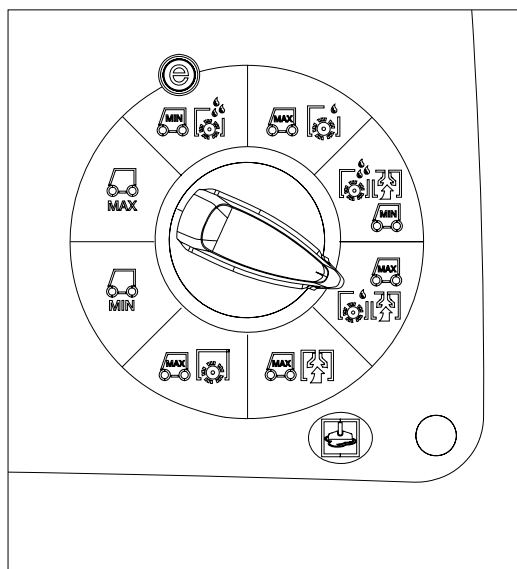
Contact the carpet to recover solution.

Vacuum Shoes

The dual offset vacuum shoes are designed to remove soiled solution from the carpet. The plastic vacuum shoe glides minimize damage to the carpet. The clear plastic cover allows the operator to verify the vacuum shoe is operating without clogging. The quick release latch allows for tool free removal for easy cleaning.

To Operate Off-Aisle Cleaning Option

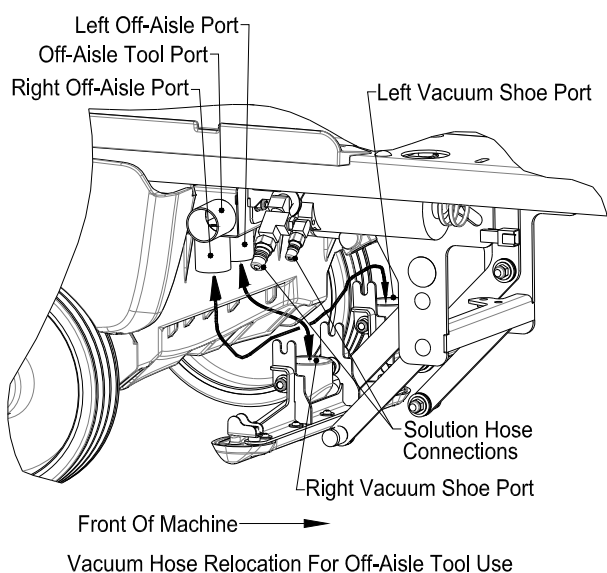
1. Turn Function Mode Dial to the Deep Extraction Icon shown below to lower vacuum shoes.



2. Turn key to off when vacuum shoes touch the floor.
3. Disconnect water supply from deck and connect to off-aisle pump.
4. Disconnect both vacuum hoses from vacuum shoes and connect to off-aisle vacuum port connections.

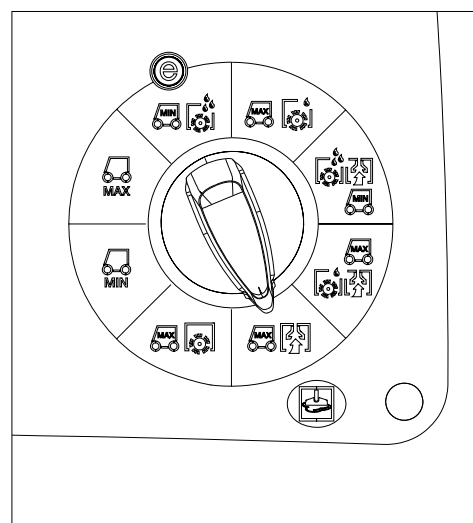
From right side of machine:

- a. Remove hose from left side vacuum shoe and connect to connection port nearest to you

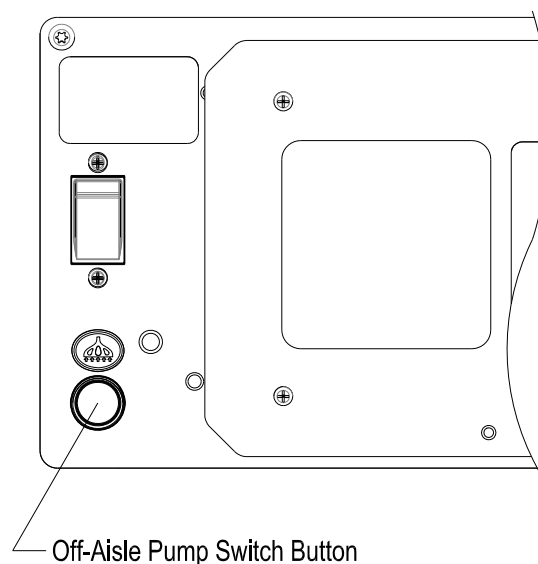


- b. Remove hose from right side vacuum shoe and connect to connection port towards center of machine.

5. Connect Off-Aisle Tool vacuum hose and Solution hose.
6. Turn key to "on".
7. Turn Function Mode Dial to the Vacuum Only Mode Icon as shown below.



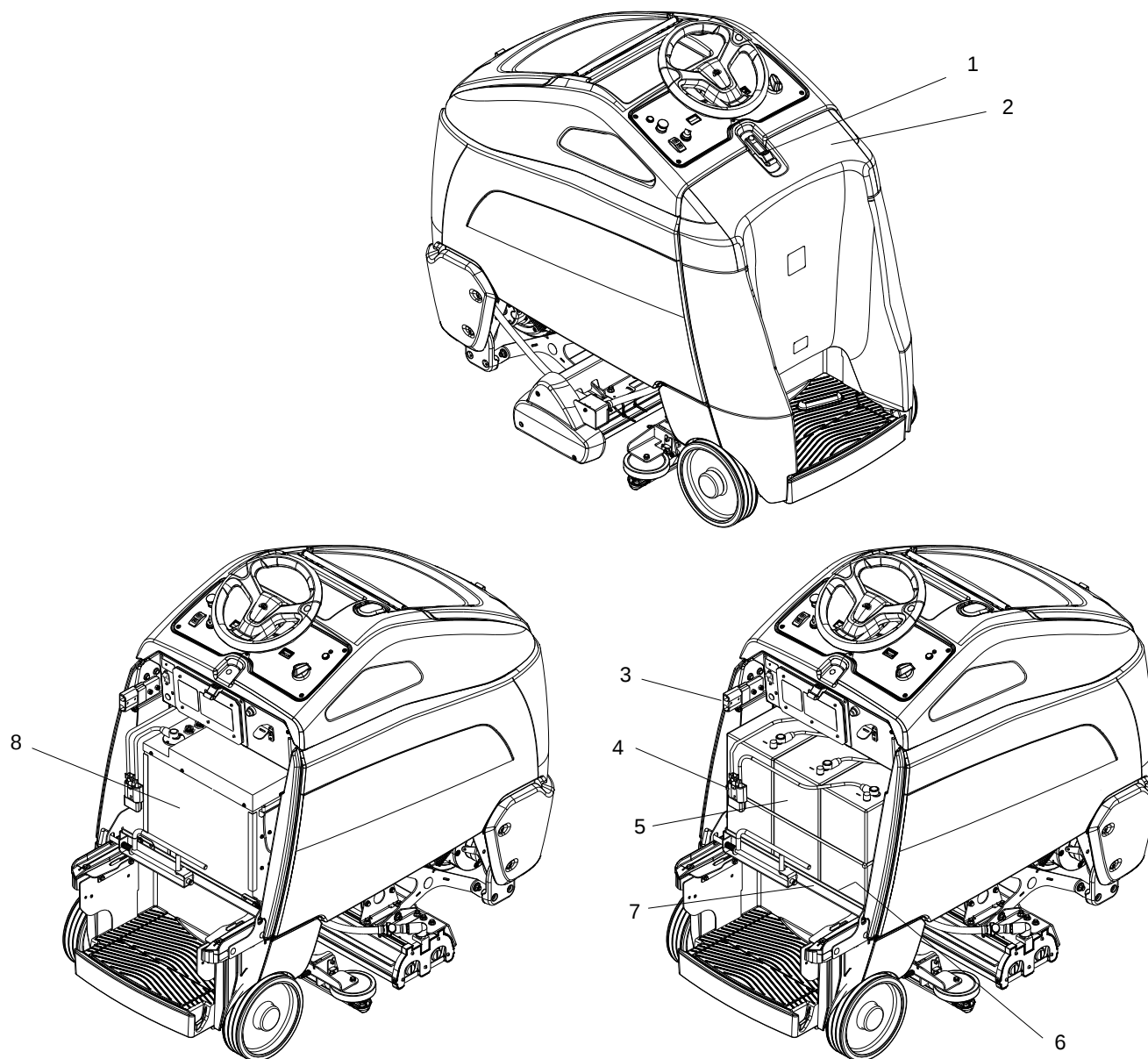
8. Push in off-aisle pump switch button on lower control panel, lower left side. The green indicator will illuminate on main control panel and now the solution flow is enabled.



Service Schedule

MAINTENANCE	BEFORE EACH WORK PERIOD	AFTER EACH WORK PERIOD	50 HRS	100 HRS	200 HRS
Check water level of batteries after charging; add distilled water if necessary. (Wet cell only)	*				
Check that recovery lid seals tightly.	*				
Visually check for damaged or worn wheels.	*				
Check brushes for proper installation.	*				
Check vacuum hose connections.	*				
Check that vacuum shoes are securely attached.	*				
Check for securely attached drain hoses, plug and cap.	*				
Check pedal, brake and steering for proper operation.	*				
Clean out recovery tank and debris bin.		*			
Clean and inspect float shutoff.		*			
Clean out solution tank.		*			
Clean and inspect solution filter strainer.		*			
Run vacuum motors to dry.		*			
Clean brushes and check wear.		*			
Clean vacuum shoes and check wear.		*			
Clean outside of tanks, check for damage.		*			
Store with recovery lid propped open.		*			
Charge batteries if needed.		*			
Clean off top of batteries.			*		
Check battery cells with hydrometer. (Wet cell only)			*		
Inspect vacuum shoes.			*		
Check battery connections are tight.			*		
Inspect and clean interior of solution manifold.			*		
Clean battery cases and battery compartment.				*	
Check parking brake.					*
Clean pivot points on vacuum shoes and scrub deck lift.					*
Check all motors for carbon brush wear.					*
Check motor commutators.					*
Check steering chain tension.					*

Batteries



1. Rear Cover Latch
2. Rear Cover
3. Battery Connector-Machine
4. Battery Connector-Battery
5. Batteries
6. Battery Tray Liner
7. Battery Tray
8. Batteries - Lithium Option

Batteries (Wet Cell Only)

The batteries provide the power to operate the machine. The batteries require regular maintenance to keep them operating at peak efficiency.

The machine batteries will hold their charge for long periods of time, but they can only be charged a certain number of times. To get the greatest life from the batteries, charge them when their charge level reaches 25% of a full charge. Use a hydrometer to check the charge level.

Do not allow the batteries to remain in a discharged condition for any length of time. Never expose a discharged battery to temperatures below freezing. Discharged batteries will freeze causing cracked cases. Do not operate the machine if the batteries are in poor condition or if they have a charge level below 25% (specific gravity below 1.155).

Keep all metallic objects off the top of the batteries, as they may cause a short circuit. Replace worn or damaged cables and terminals.

Check the electrolyte level in each battery cell before and after charging the batteries. Never add acid to the batteries, use distilled water. Do not allow water level to fall below the battery plates. Portions of plates exposed to air will be destroyed. Do not overfill. Keep plugs firmly in place at all times.

CAUTION:

When servicing machine, avoid contact with battery acid.

ATTENTION:

Lors de l'entretien de la machine, évitez tout contact avec l'acide de batterie.

WARNING:

Batteries emit hydrogen gas. Explosion or fire can result. Keep sparks and open flame away. Keep covers open when charging.

AVERTISSEMENT:

Les batteries émettent du gaz hydrogène. Une explosion ou un incendie peut en résulter. Maintenez les étincelles et les flammes nues à l'écart. Gardez les carter ouverts lors du chargement.

WARNING:

Wear eye protection and protective clothing when working with batteries.

AVERTISSEMENT:

Portez des lunettes de protection et des vêtements de protection lorsque vous travaillez avec des batteries.

WARNING:

Charge batteries in a well ventilated area.

AVERTISSEMENT:

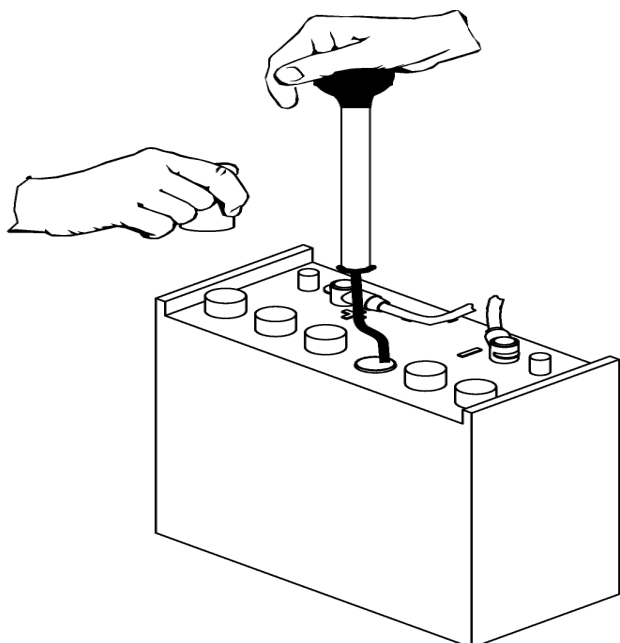
Chargez les batteries dans un endroit bien ventilé.
Battery Maintenance

1. When cleaning the batteries, use a solution of baking soda and water. Do not allow the cleaning fluid to enter the battery cells, electrolyte will be neutralized.
2. Maintain the proper electrolyte level in each battery cell. If a cell should accidentally overflow, clean immediately.
3. Wipe off the top of the batteries at least once a week.
4. Test battery condition with a hydrometer at least once a week.
5. Ensure that all connections are tight and all corrosion removed.

Every 4 to 6 months, remove that batteries from the machine and clean the battery cases and battery compartment.

Checking Battery Specific Gravity

Use a hydrometer to check the battery specific gravity.



CHECKING GRAVITY

- Hydrometer Battery
- Battery

NOTE: Do not take readings immediately after adding distilled water, if the water and acid are not thoroughly mixed, the reading may not be accurate.

Check the hydrometer readings against this chart.

SPECIFIC GRAVITY @ 80 °F (27 °C)	BATTERY CONDITION
1.265	100% CHARGED
1.225	75% CHARGED
1.190	50% CHARGED
1.155	25% CHARGED
1.120	DISCHARGED

NOTE: If the readings are taken when the battery electrolyte is any temperature other than 80°F (27°C), the reading must be temperature corrected. To find the corrected specific gravity reading when the temperature of the battery electrolyte is other than 80°F (27°C): Add (+) to the specific gravity reading 0.004 (4 points), for each 10°F (6°C) above 80° (27°C). Subtract (-) from the specific reading 0.004 (4 points), for each 10°F (6°C) below 80°F (27°C).

Charging Batteries

⚠ CAUTION:

When servicing machine, avoid contact with battery acid.

⚠ ATTENTION:

Lors de l'entretien de la machine, évitez tout contact avec l'acide de batterie.

⚠ WARNING:

Batteries emit hydrogen gas. Explosion or fire can result. Keep sparks and open flame away. Keep covers open when charging.

⚠ AVERTISSEMENT:

Les batteries émettent du gaz hydrogène. Une explosion ou un incendie peut en résulter. Maintenez les étincelles et les flammes nues à l'écart. Gardez les carter ouverts lors du chargement.

⚠ WARNING:

Wear eye protection and protective clothing when working with batteries.

⚠ AVERTISSEMENT:

Portez toujours des lunettes et des vêtements de protection pour travailler sur les batteries.

⚠ WARNING:

Charge batteries in a well ventilated area.

⚠ AVERTISSEMENT:

Chargez les batteries dans un endroit bien ventilé.

Use a 36 volt, 20 amp maximum output DC charger which will automatically shut off when the batteries are fully charged.

1. Stop the machine in a clean, well ventilated area next to the charger.
2. Turn "OFF" machine.

FOR SAFETY: Before leaving or servicing machine; stop on level surface, turn off machine and remove key.

3. Open rear cover, unplug batteries from machine, unlatch battery tray and pull out to expose batteries.

WARNING:

Batteries emit hydrogen gas. Explosion or fire can result. Keep sparks and open flame away. Keep covers open when charging.

AVERTISSEMENT:

Les batteries émettent du gaz hydrogène. Une explosion ou un incendie peut en résulter. Maintenez les étincelles et les flammes nues à l'écart. Gardez les carters ouverts lors du chargement.

4. Check the electrolyte level in each battery cell. Before charging, add just enough distilled water to cover the plates. After charging is complete, add just enough distilled water to bring up the level to the indicator ring. If the water level is too high before charging, normal expansion rate of the electrolyte may cause an overflow resulting in a loss of battery acid balance and damage the machine.
5. Replace the battery caps, and leave them in place while charging.

FOR SAFETY: When charging, connect the charger to the batteries before connecting the charger to the AC wall outlet. Never connect the charger to the AC wall outlet first. Hazardous sparks may result.

6. Plug the charger connector into the battery connector. Connect the charger AC plug to a wall outlet. The charger gauge should indicate that the batteries are charging.
7. When the batteries are fully charged, disconnect the charger from the AC wall outlet, then disconnect the charger from the batteries.
8. Connect the batteries to the machine connector.
9. Check the electrolyte level. It should be up to the indicator ring. If necessary, add distilled water.
10. Close the rear cover.

Changing Batteries

Stop the machine in a clean area next to the charger.
Turn off machine.

FOR SAFETY: Before leaving or servicing the machine; stop on level surface, turn off machine and remove key.

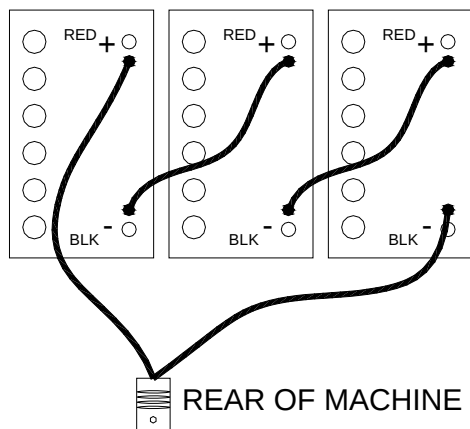
1. Remove the rear cover.
2. Disconnect battery pack from machine.
3. Unlatch battery tray from machine and pull out to expose batteries.
4. Use the proper size open end wrench to disconnect main ground wire first and secure cable terminal away from batteries.
5. Disconnect main positive lead and secure cable terminals away from batteries.
6. Loosen both terminals on each jumper cable and remove one at a time.
7. Prepare a suitable site to place the batteries.

⚠ WARNING:

Attach suitable battery lifting device and lift batteries from the machine. Batteries are a potential environmental hazard. Consult your battery supplier for safe disposal methods.

⚠ AVERTISSEMENT:

Fixez le dispositif de levage de batterie approprié et levez les batteries de la machine. Les batteries constituent un danger potentiel pour l'environnement. Consultez le fournisseur de votre batterie pour connaître les méthodes d'élimination sûres.



Onboard Charger (Optional)

⚠ CAUTION:

Circuit Breaker must be off before unplugging batteries.

⚠ ATTENTION:

Le disjoncteur doit être coupé avant de débrancher les batteries.

Battery Charger Programming

For machines equipped with optional on-board charger. When replacing batteries, charger programming changes may be required. If replacing batteries with same type, (e.g. maintenance free batteries with maintenance free) no programming is required. When batteries with different type (e.g. maintenance free with wet cell), programming change are required. Failure to make programming changes may lead to reduced battery life.



1. Remove four screws from charger mounting bracket. Lift charger out of console.
2. Peel back label on charger to access dip switches.
3. Change switches to correct battery type.

	DIP 1	DIP 2	DIP 3	DIP 4	DIP 5	DIP 6	DIP 7	DIP 8
LEAD ACID	OFF	ON	ON	ON	OFF	ON	ON	OFF
DISCOVER AGM	ON	OFF	OFF	OFF	OFF	ON	ON	OFF

4. Replace charger label and lower charger back into console. Tighten four screws to secure mounting bracket to console.

Lithium Battery (Optional)



This product must be recycled and is made of recycled products

Chemical Risk

⚠ WARNING:

Lithium batteries are chemical risk if mis-operated, mishandled or abused.

⚠ AVERTISSEMENT:

Les batteries au lithium présentent un risque chimique si elles sont mal utilisées, manipulées incorrectement.

Do:

- Do protect terminals from short circuit before, during, and after installation
- Do wear electrically insulated gloves
- Do use electrically insulated tools
- Do wear eye protection
- Do wear safety toe boots / shoes
- Do handle battery carefully
- Do secure battery safely
- Do always assume battery terminals are energized

Do Not:

- Do not lift or carry the battery during usage or operation
- Do not operate or store battery outside of operating limits
- Do not short circuit battery
- Do not puncture battery
- Do not expose battery to flames, or incinerate
- Do not open battery case or disassemble battery
- Do not wear rings, watches, bracelets or necklaces when handling or working near battery
- Do not drop or crush battery
- Do not lift battery by the terminal cables
- Do not vibrate battery
- Do not expose battery to water or other fluids
- Do not expose battery to direct sunlight
- Do not dispose of battery
- Do not connect with other types of batteries
- Do not expose battery to high temperatures
- Do not install with other battery types or brands

Transportation

If the battery is not installed in equipment, it must be transported in the original package or equivalent.

Batteries are tested according to UN Handbook of Tests and Criteria, part III, sub section 38.3 (ST/SG/AC. 10/11/ Rev.5). For transport, the batteries belong to category UN3480, Class 9, Packaging Group II.

Operating Limits

The battery should not be operated outside these operating limits:

Operating Limits	12-36-6700
Continuous Charge Current	150A
Continuous Discharge Current	150A
Charge Voltage	40.8 V
Operating Voltage (Min / Max)	33.6 V / 43.8 V
Charge Temperature (Min / Max)	0°C / 45°C (32°F / 113°F)
Discharge Temperature (Min / Max)	-20°C / 50°C (-4°F / 122°F)
Storage Temperature (Min / Max)	-20°C / 45°C (-4°F / 113°F)

CAUTION:

Do not install batteries in series. Select the appropriate AES battery model for the voltage of your system.

ATTENTION:

Ne pas installer de batteries en série. Sélectionner le modèle de batterie AES approprié pour la tension du système.

NOTE: Intentional bypassing of BMS to operate battery outside maximum and minimum limits voids warranty.

Fuse

Fuse provides back-up over-current protection.

Fuse Replacement

A blown fuse requires service from a qualified technician. Contact your Discover supplier for more information.

Handling

⚠ WARNING:

Read Safety Section before installing the battery.

⚠ AVERTISSEMENT:

Lire les directives de sécurité avant d'installer la batterie.

- Battery should be off.
- Battery cables should be disconnected.
- Battery terminals should be protected.
- Battery handle should be used to lift battery.
- Battery should be handled by two people or mechanical lift equipment.
- Do not lift or carry the battery during usage or operation.

Installation - Single Battery

⚠ WARNING:

Read Safety Section before installing the battery.

⚠ AVERTISSEMENT:

Lire les directives de sécurité avant d'installer la batterie.

Tools

- Insulated tools sized to match nuts, bolts and cables in use
- Voltmeter
- Post cleaner and wire brush
- Personal protective equipment

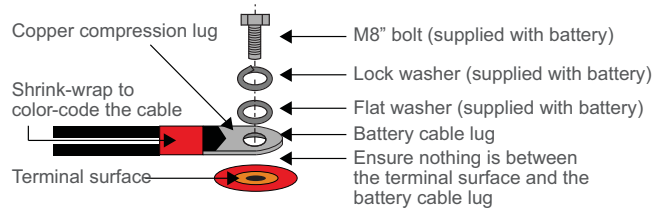
Securing Battery

- Battery can be strapped in place with non-conductive nylon straps
- Battery may have hold down brackets at the base of the battery

Installation

- Check that battery is switched off
- If battery circuit has disconnect, open disconnect to isolate battery
- Clean cable connections. Broken, frayed, brittle, kinked or cut cables should be replaced

- Install and secure new battery. Be careful not to ground the terminals to any metal mounting, fixture, or body part
- Connect battery cables. Connect ground cable last to avoid sparks
- Recommended terminal torque is 9.0 Nm (6.64 ft-lb)
- Close circuit disconnect (if open)
- Turn battery switch on



NOTE: All cable ends must be connected to battery terminals without any washers between terminal bushings and cable ends.

Terminal burnout is caused by:

- Discharge currents exceeding allowable limits
- Improper cable installation
- Improper cable sizing
- Improper terminal torque

NOTE: Without exception, product experiencing terminal burnout will not be warranted.

Operation

NOTE: Review operating limits.

On-Off

- To turn the battery on press and hold switch for 2-3 seconds
- To turn the battery off press and hold switch for 2-3 seconds



Charging

Before operating the charger make sure to read and understand the instructions that come with the charger. Never attempt to charge a battery without first reviewing and understanding the instructions for the charger being used

CAUTION:

Always make sure the chargers charging curve meets the battery's charging requirement; **never charge a visibly damaged battery; never charge a frozen battery.**

ATTENTION:

Toujours s'assurer que les chargeurs de courbe respectent l'exigence de charge de la batterie. **ne jamais charger une batterie visiblement endommagée; ne jamais charger une batterie gelée.**

1. Connect the charger leads to the battery.
2. Make sure that the charger lead, both at the charger and the battery side, connections are tight.
3. Turn the charger on.
4. Turn the battery on (if required).

CAUTION:

NOT ALL CHARGERS ARE CAPABLE OF CHARGING LITHIUM BATTERIES!

During system design **CONFIRM** that your chosen charger is not capable of transient spikes that exceed the published **MAXIMUM TERMINAL RATINGS** of the battery

ATTENTION:

TOUS LES CHARGEURS NE SONT PAS APTES À CHARGER DES BATTERIES AU LITHIUM.

Durant la conception du système, **CONFIRMER** que le chargeur que vous avez choisi n'est pas capable d'une hausse de tension dépassant les **COTES DE BORNE MAXIMALES** de la batterie.

Discharging

- Turn on battery.
- Turn on load

NOTE: Do not discharge battery below recommended minimum operating voltages.

NOTE: Do not discharge battery at rates greater than recommended operating currents.

Storage

Systems should be stored out of direct sunlight under the following temperature conditions:

Minimum Storage Temperature	-20°C / -4°F
Maximum Storage Temperature	45°C / 113°F

System should be put into storage at 80% SOC and checked monthly to ensure the system SOC (state of charge) does not fall below 20%/ At 2-% SOC the battery will self discharge in approximately 2 months.

Protection & Faults

- BMS (battery management system) generates faults when maximum operating limits are reached.
- BMS sounds a buzzer when fault limits are triggered.
- BMS monitors the following information for faults and warning:
 - Cell module voltage
 - Battery current
 - Battery temperature

Faults & Corrective Actions

In the event of a fault the BMS (battery management system) will sound an audible buzzer warning and the system will shut off after a 120 second delay.

FAULT LEVELS	
Parameter	Trigger Point
High Temperature	60°C / 140°F
High Voltage	3.7 V in any cell module
Low Voltage	2.5 V in any cell module
Over Current	150 A

CORRECTIVE ACTIONS	
High Temperature	Stop discharge or charge Leave the battery to cool
Low Temperature	Stop discharge or charge
High Voltage	If charging, stop charge
Low Voltage	Do not discharge the battery. Any discharge current detected will force the battery into Low Voltage Fault The user can charge the battery in Low Voltage Recovery If no charge current is detected within 2 minutes, the BMS will turn off the battery
Over Current	Reduce current
Low SOC	Stop discharge Charge the battery

Service & Maintenance

Batteries should be carefully inspected on a regular basis in order to detect and correct potential problems before they can do harm. This routine should be started when the batteries are first received.

Inspection

- Look for cracks in the case
- Check the battery, terminals and connections to make sure they are clean, free of dirt, fluids and corrosion
- All battery cables and their connections should be tight, intact, and NOT broken or frayed
- Replace any damaged batteries
- Replace any damaged cables
- Check torque on terminal bolts

Troubleshooting

Battery Won't Turn On:

Symptom	Does the battery turn on for a short time, then turn itself off?
Description	The battery is likely in a low voltage or low SOC.
Action	Connect to charger and turn on the battery.

Symptom	Was the battery left on or stored for extended periods of time?
Description	The battery will turn itself off at 5% SOC. If left sitting at a low SOC, the battery may have discharged itself completely and cannot be used.
Action	Do not use. Replace and recycle.

Changing Battery

Stop the machine in a clean area. Turn off machine.

FOR SAFETY: Before leaving or servicing the machine; stop on level surface, turn off machine and remove key.

1. Remove the rear cover.
2. Disconnect battery from machine.
3. Unlatch battery tray from machine and pull out to expose battery.
4. Use the proper size open end wrench to disconnect main ground wire first and secure cable terminal away from battery.
5. Disconnect main positive lead and secure cable terminals away from battery.
6. Prepare a suitable site to place the battery.

WARNING:

Attach suitable battery lifting device and lift battery from the machine. Batteries are a potential environmental hazard. Consult your battery supplier for safe disposal methods.

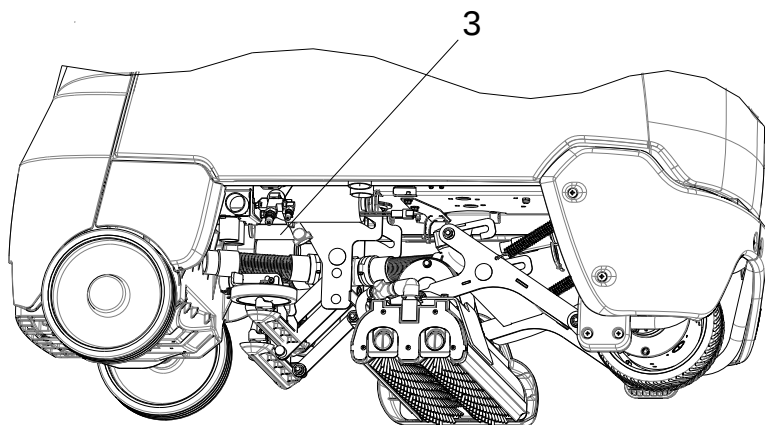
AVERTISSEMENT:

Fixez le dispositif de levage de batterie approprié et levez les batteries de la machine. Les batteries constituent un danger potentiel pour l'environnement. Consultez le fournisseur de votre batterie pour connaître les méthodes d'élimination sûres.

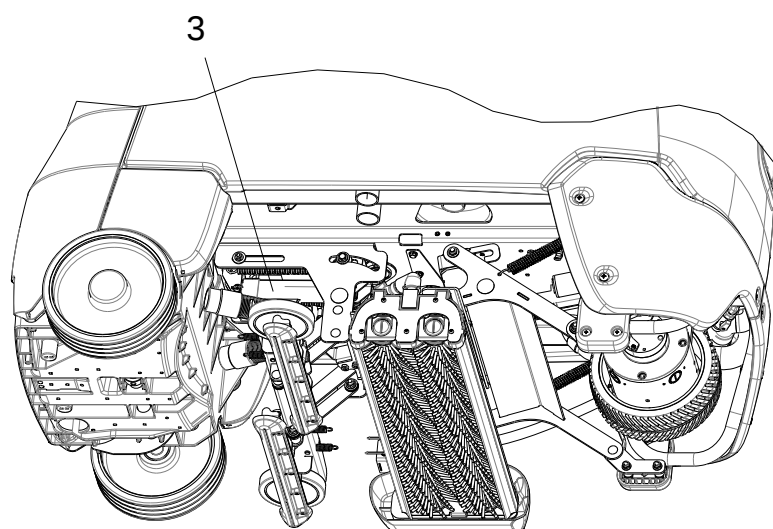
Recycling and Disposal

Batteries must not be mixed with domestic or industrial waste. Discover's Advanced Energy Systems are recyclable and must be processed through a recognized recycling agency or dealer. Please contact Discover® or your servicing dealer for details.





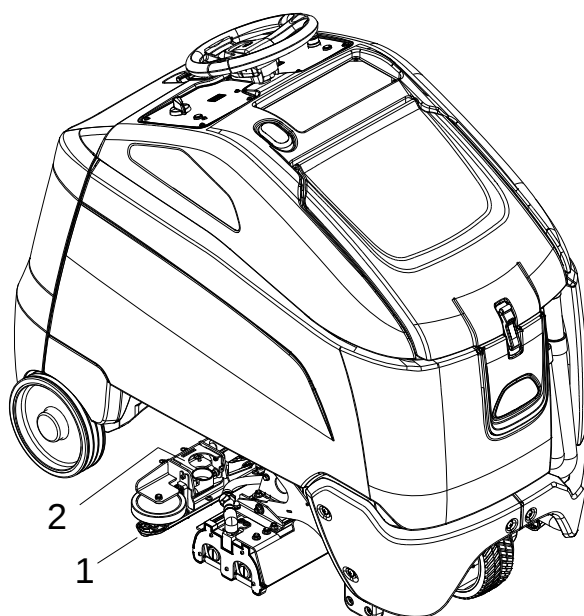
WITH PUMP OFF-AISLE OPTION



WITHOUT PUMP OFF-AISLE OPTION

Vacuum Shoes

1. Vacuum Shoes
2. Vacuum Shoe Release
3. Vacuum Shoe Lift Actuator



Vacuum Shoes

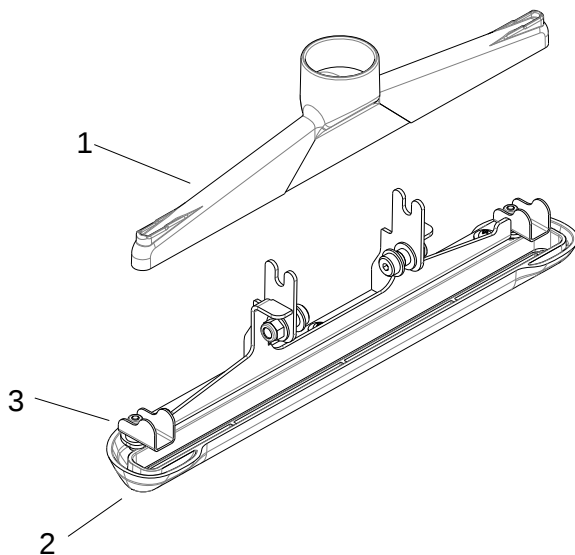
The dual offset vacuum shoes are designed to extract soiled solution from the carpet. The plastic vacuum shoe glides minimize damage to carpet and flooring.

Maintenance

The vacuum shoes should be removed and cleaned daily to ensure maximum solution recovery.

Vacuum Shoe Removal and Cleaning

1. Make sure the vacuum shoes are in the raised position and the key is off.
2. Press the gray latch to release the vacuum shoe from the mounting bracket.
3. Twist the hose out of the clear cover.
4. Rotate the left and right latches to separate the clear cover from the glide base.
5. Inspect and clean both parts.
6. Reinstall glide base and clear cover.
7. Check to be sure foam gasket is seated properly.
8. Repeat for other vacuum shoe.



1. Vacuum Shoe Cover
2. Vacuum Shoe Wiper Base
3. Vacuum Shoe Latch

Vacuum Shoe Lift Actuator Removal/Replacement

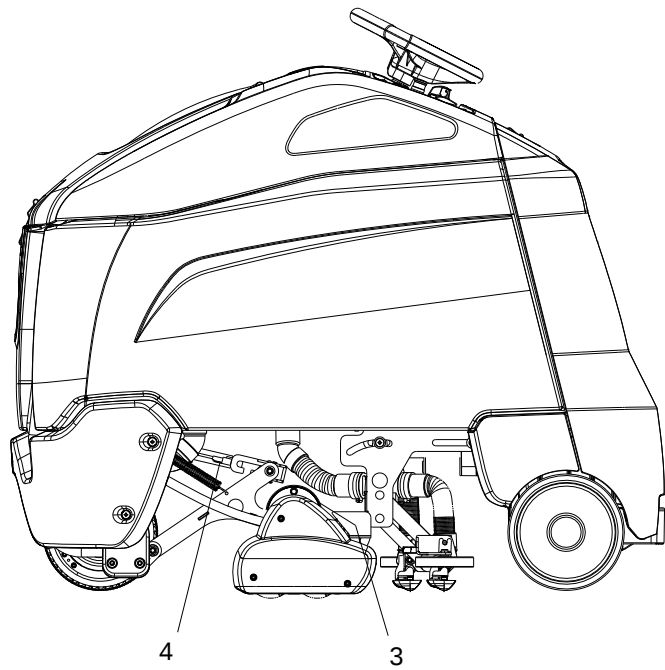
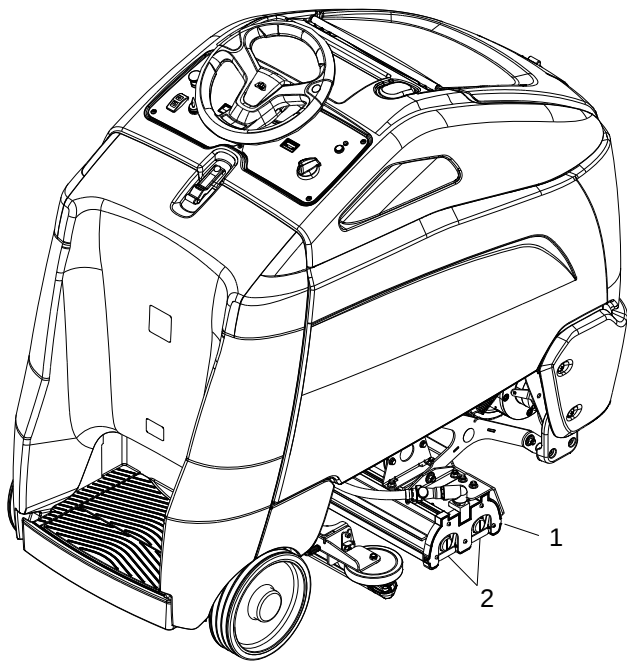
FOR SAFETY: Before leaving or servicing machine, stop on a level surface and turn off the machine.

Removal:

1. Make sure the vacuum shoes are in the raised position and the machine key switch is off.
2. Unplug the actuator cable from the machine harness.
3. Cut and remove the two cable ties securing the actuator cable to the machine.
4. Remove the cotter ring pin, washer, two spacers, and clevis pin from each end of the actuator. Note the position of all parts before removing to make re-assembly easier.
5. Remove the actuator from machine.

Installation:

1. Fully extend the actuator before installing it into machine. With the machine key switch off, plug the actuator into the machine harness. Turn the function mode dial to the slow transport position and turn the key switch on. Wait for the actuator to fully extend and then turn the key switch off. Be careful that the actuator does not interfere with surrounding parts as it is extending.
2. Install the moving end of the actuator, clevis pin, two spacers, washer, and cotter ring pin into the front bracket.
3. Install the fixed end of the actuator, clevis pin, two spacers, washer, and cotter ring pin into the rear bracket.
4. Route the actuator cable and secure it to the machine in two places using new cable ties.
5. Check the linkage operation. Turn the key switch on and turn the function mode dial to the C position. Verify the vacuum shoes lower to the ground. Turn the function mode dial to the slow transport position and verify the vacuum shoes move to the raised position.



Brush Deck

1. Brush Deck
2. Brush Release Clips
3. Brush Motor
4. Brush Deck Lift Actuator

Brush Deck

The dual counter-rotating cylindrical brushes are designed to scrub and groom the carpet.

Maintenance

Scrub brushes should be inspected and cleaned daily. Scrub brushes should be exchanged front to back every 50 hours to ensure even wear. Scrub brushes should be replaced as a set when bristle length wears to the height of yellow PerformAlert™ bristles.

Scrub Brush Removal

The scrub brushes are removed from the right side of the machine.

1. Raise the scrub deck to the storage position.
2. Pull out on the bottom of the retaining clip.
3. The brush assembly and end cap should drop down. Then pull the brush down far enough to clear the bottom of the housing.
4. Pull brush out with a rocking motion to free brush from drive hub.

Bearing Cleaning

1. Remove bearing cap from end of brush.
2. Clean cap and bearings.

Brush Deck Motor

Remove Brush Deck

1. Remove both halves of bumper
2. Raise brush deck
3. Disconnect springs from deck lift arms
4. Lower brush deck
5. Turn off machine
6. Turn off ball valve
7. Remove solenoid cover (1) screw and associated hardware
8. Unplug harness from brush motor and solenoid
9. Remove shaft cover (4) nuts & washers
10. Loosen hose clamp and remove valve-to-solenoid hose from solenoid
11. Remove (2) bolts & hardware that fasten deck to lift linkage
12. Push loose deck towards rear of machine until lift linkage arm clears motor shaft
13. Angle deck and slide out left side of machine
14. Reverse to reassemble

Replace Brush Deck Motor

1. Remove brush deck from machine
2. Cut cable tie that secures motor cable to brush deck.
3. Remove two (2) nuts to free right rear motor mounting bracket from deck.
4. Remove six (6) motor mount bracket face screws
5. Remove rear mounting bracket
6. Remove motor with attached coupler hub, leaving front motor mounting bracket still attached to deck
7. Remove coupler hub (1 set screw) from old motor for reuse
8. Reverse process to reassemble with new motor

Scrub Deck Actuator Removal/ Replacement

FOR SAFETY: FOR SAFETY: Before leaving or servicing machine, stop on a level surface. Turn off machine.

1. Lower deck
2. Turn off machine
3. Remove both halves of bumper
4. Unplug actuator
5. Remove cotter pin and clevis pin at deck end of actuator
6. Remove screw & lock washer at front end of actuator (it may be necessary to swing actuator end up to underside of machine frame to gain access to screw)
7. Remove actuator along with plastic spacer washer
8. To reassemble with new actuator:
 - a) Attach actuator front end to bracket with screw, lock washer & plastic spacer
 - b) Plug in actuator
 - c) Turn rotary switch to A1 to extend actuator
 - d) Turn off machine when extended
 - e) Attach rear end of actuator with clevis and cotter pin.
9. Reinstall both halves of bumpers.

Replace Pump - Off-Aisle Option

1. Unplug pump from harness.
2. Remove (3) nuts & washers that secure pump mounting plate assembly to underside of machine frame.
3. Move pump assembly to workbench.
4. Remove fittings from pump.
5. Remove (4) pump mounting nuts & washers.
6. Cut cable tie that secures pump harness to plate.
7. Slide pump from mounting studs.
8. Install new pump, secure with washers & nuts; tighten so 3 threads are exposed beyond nut disassembly.
9. Assemble fittings in reverse order from disassembly.
10. Use pipe sealant on brass fittings; Use Teflon tape on plastic fittings AND brass fittings assembling into plastic (pump); make sure fittings are tight.
11. Cable tie wires to pump & plate.
12. Install assembly to underside of machine frame.
13. Plug in pump to harness.

⚠ WARNING:

Do not use a pressure washer to clean around the brush motors. Use tap pressure only.

Brush Motor Carbon Brush Replacement

1. Scribe alignment mark on motor barrel to motor cap. Remove two bolts.

2. Remove end cap from motor.

NOTE: NOTE: Motors contain two wave washers in cap. Do not lose these.

3. Release brush from spring tension. Remove screw connecting brush wire lead to brush holder. Clean brush holder to ensure free movement.

4. Retract spring and install new brush. Install connector screw and lead.

5. When all new brushes are installed. Place all in retracted position, held into brush holder by spring tension.

6. Carefully place end cap onto bearing on motor shaft.

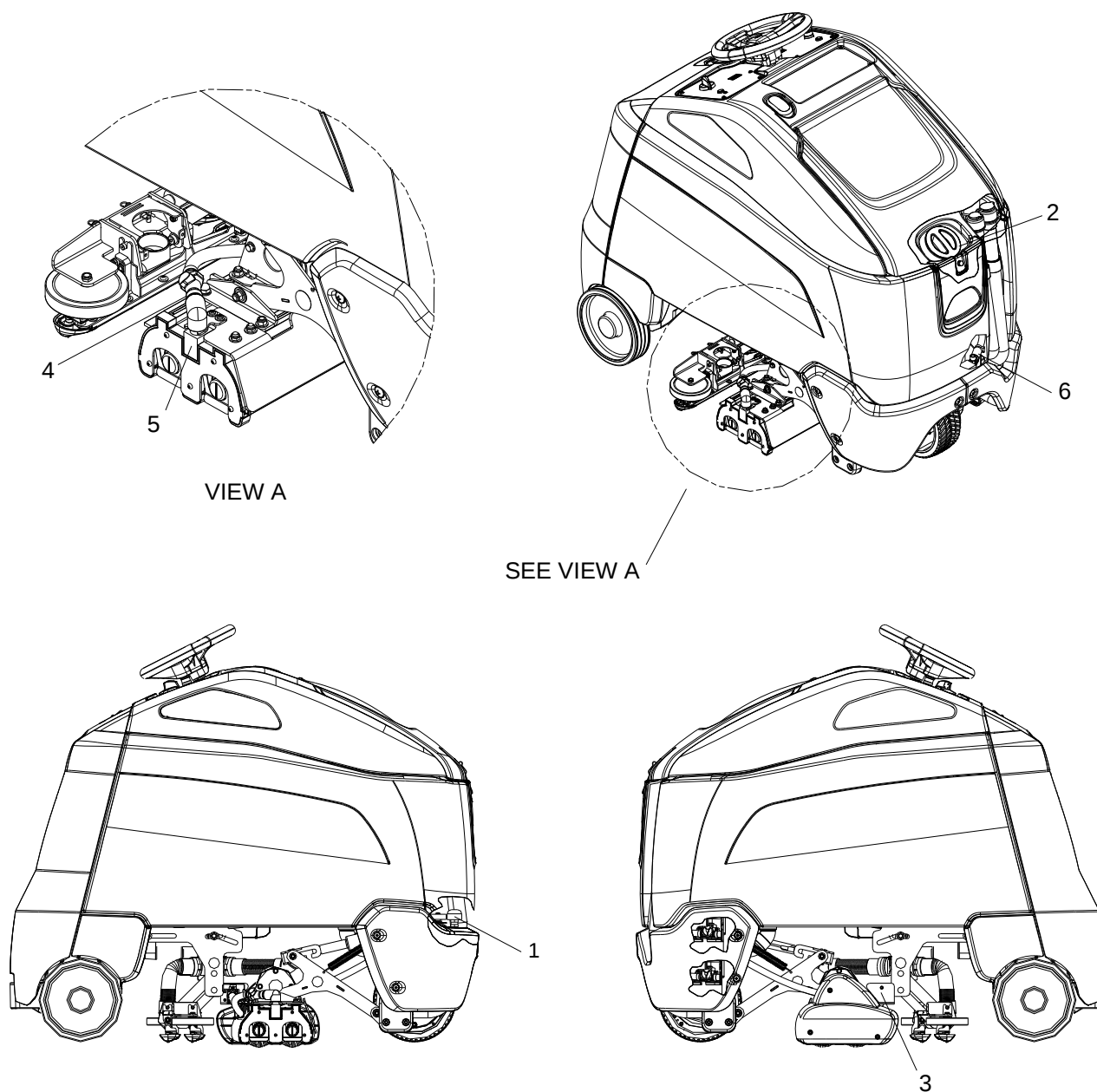
NOTE: NOTE: Use care to ensure wave washer alignment.

7. With end cap in partially installed position, release all brushes to contact position with motor commutator.

NOTE: NOTE: Failure to ensure all brushes are released will result in motor failure.

8. Reset end cap and realign with scribe marks on motor barrel. Reinstall the two attach bolts from cap into base.

9. Maintain alignment between motor barrel base and cap.



Solution

1. Strainer
2. Solution Cap
3. Solenoid Valve
4. Manifold Quick Release
5. Manifold
6. Ball Valve

Solution Strainer

Located in bottom of tank. Protects system from debris.

Solenoid Valve

The solenoid valve is mounted on the back of the scrub deck, on left side. The solenoid valve opens and closes to meter the correct amount of solution to the scrub deck.

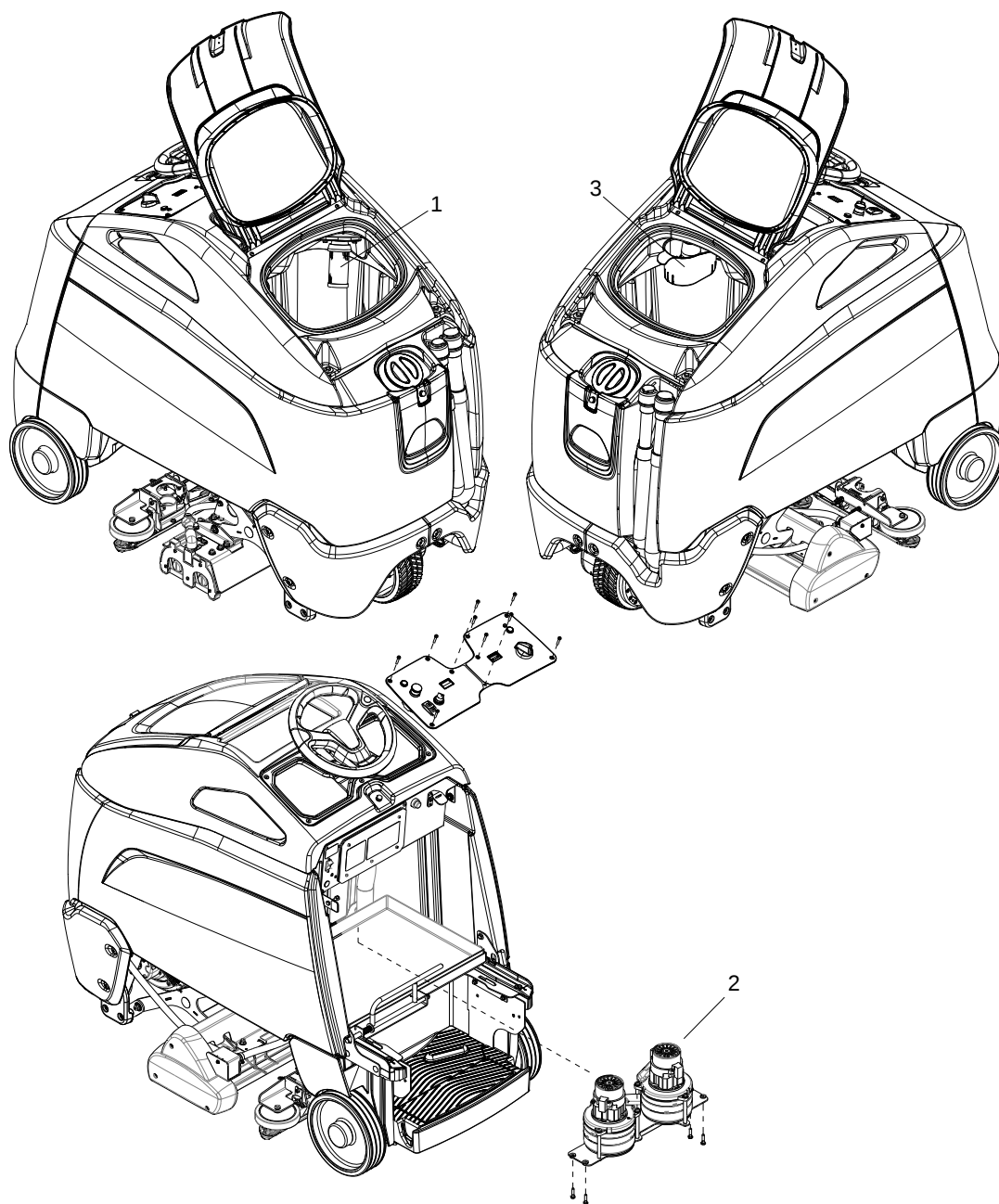
The solenoid valve shuts off solution flow to scrub deck whenever scrubbing stops.

To repair or replace solenoid valve:

1. Remove 1 screw to remove sheet metal cover.
2. Disconnect 2 electrical connectors.
3. Loosen hose clamps for both hoses.
4. Pull both hoses off valve.
5. Remove 2 screws securing valve to mounting bracket.
6. Reverse process to install.

Solution Manifold

The solution manifold supplies solution equally along the length of the brush. The manifold can be removed by releasing the quick disconnect at the right side of the brush deck. The manifold should be cleaned daily for best results.



Vacuum

1. Recovery Tank Float Shut-off
2. Vacuum Motors
3. Debris Bin

Recovery Tank Float Shut-off

When water is no longer being vacuumed from the floor and the vacuum fan is operating, the ball float has engaged. The vacuum motor will not vacuum water with recovery tank full. The recovery tank must be drained.

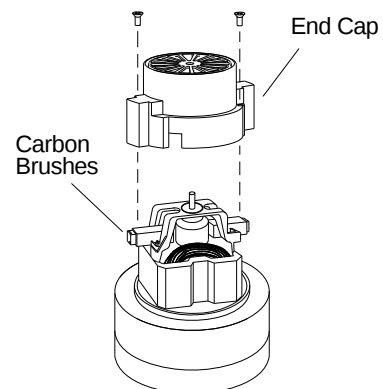
1. The float shut-off screen can be cleaned in or out of the machine.
2. To clean the float shut-off while it is inside the machine wipe material off screen then rinse. Check that the ball is also clean and moves freely.
3. To remove the float shut-off, grasp the screen with one hand and the connected tube with the other. Tilt and pull the float screen assembly to pull it off the barb on the tube.
4. To install, place one hand on the tube, and then tilt and push the float screen assembly over the barb on the tube.

FOR SAFETY: Before leaving or servicing machine, stop on a level surface, turn off machine and disconnect power.

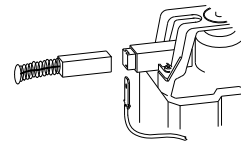
To Repair or Replace Vacuum Motors

1. Remove rear cover from machine.
2. Remove 9 screws and remove upper control panel.
3. Disconnect electrical connectors from the vacuum motors.
4. Remove batteries from machine.
5. Remove 4 screws mounting vacuum motor assembly to console.
6. Lower vacuum motor assembly down into battery compartment.
7. Remove 3 screws mounting the vacuum motor to the plenum.
8. Disconnect the vacuum hose from the vacuum motor exhaust.
9. Reverse the process to install.

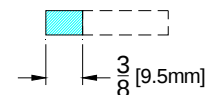
Vacuum Motor Carbon Brushes



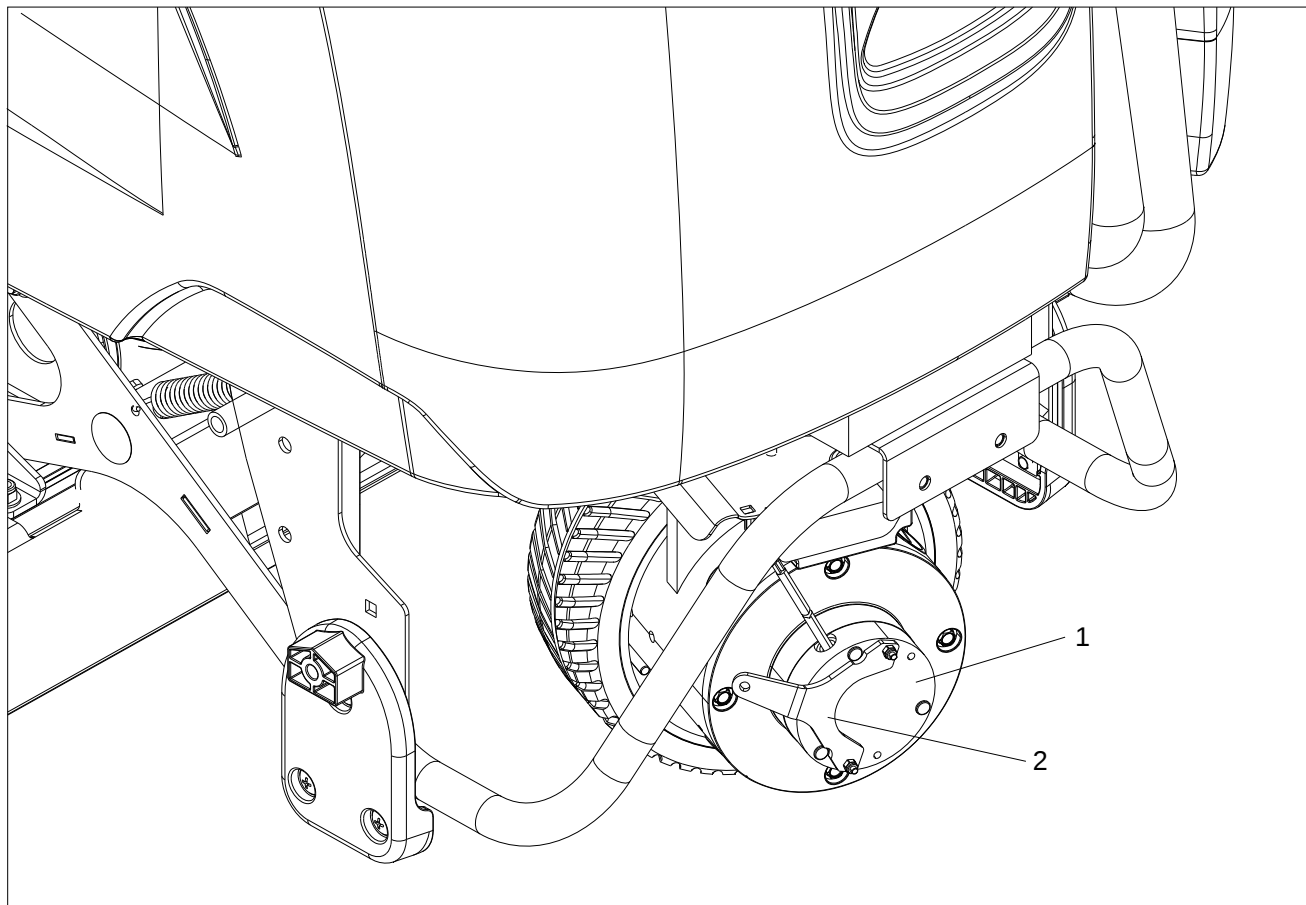
If armature commutator is grooved, extremely pitted or not concentric, the motor will need to be replaced or sent to a qualified service center.



Important:
These brushes wear quicker as the length shortens due to increased heat. Spring inside brush housing will damage motor if brushes are allowed to wear away completely.



Periodically check the length of the carbon brushes. Replace both carbon brushes when either is less than 3/8" (9.5mm) long.



Drive Motor

1. Drive Motor
2. Parking Brake

Electric Parking Brake Engagement

FOR SAFETY: Before leaving or servicing machine, stop on a level surface, turn off machine and remove key.

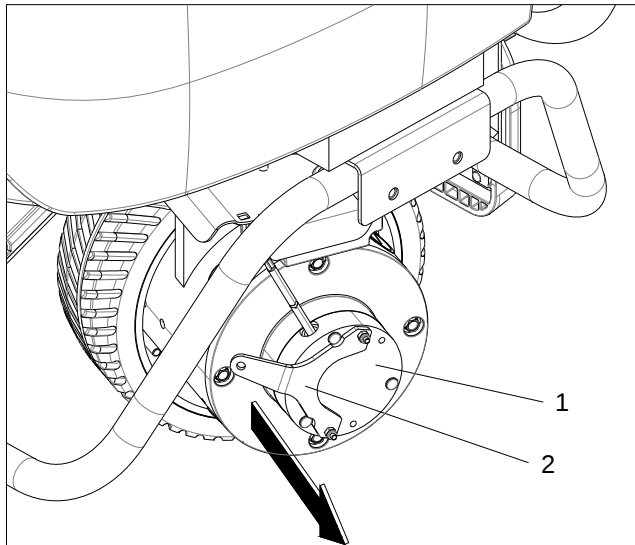
Electric Brake Engagement

This machine is equipped with an electric parking brake.

The brake automatically engages and keeps the machine from moving whenever the operator steps off the platform or when emergency stop is engaged.

The brake has a mechanical over-ride that can be engaged so machine can be pushed or towed (slowly).

To disengage brake:



1. Pull lever away from brake housing.
2. Insert material to hold brake lever in place.

⚠ WARNING:

Do not operate machine with brake disengaged.

⚠ AVERTISSEMENT:

N'actionnez pas la machine avec le frein désengagé.

Drive Motor Carbon Brush Replacement

⚠ WARNING:

Do not use a pressure washer to clean around the motors. Use tap pressure only.

⚠ AVERTISSEMENT:

N'utilisez pas de nettoyeur haute pression pour nettoyer autour des moteurs des brosses. Utilisez seulement la pression du robinet.

FOR SAFETY: Before leaving or servicing machine, stop on a level surface, turn off machine and remove key.

1. Disconnect batteries from machine.
2. Disconnect the electrical connection to the traction motor.

Transporting

Pushing Machine

The machine may be pushed for short distances at speeds not to exceed 5 mph. Be careful to avoid damaging machine. The machine may be pushed by hand from the rear.

NOTE: To avoid damage caused by regenerative voltage, disconnect traction motor before towing or pushing machine.

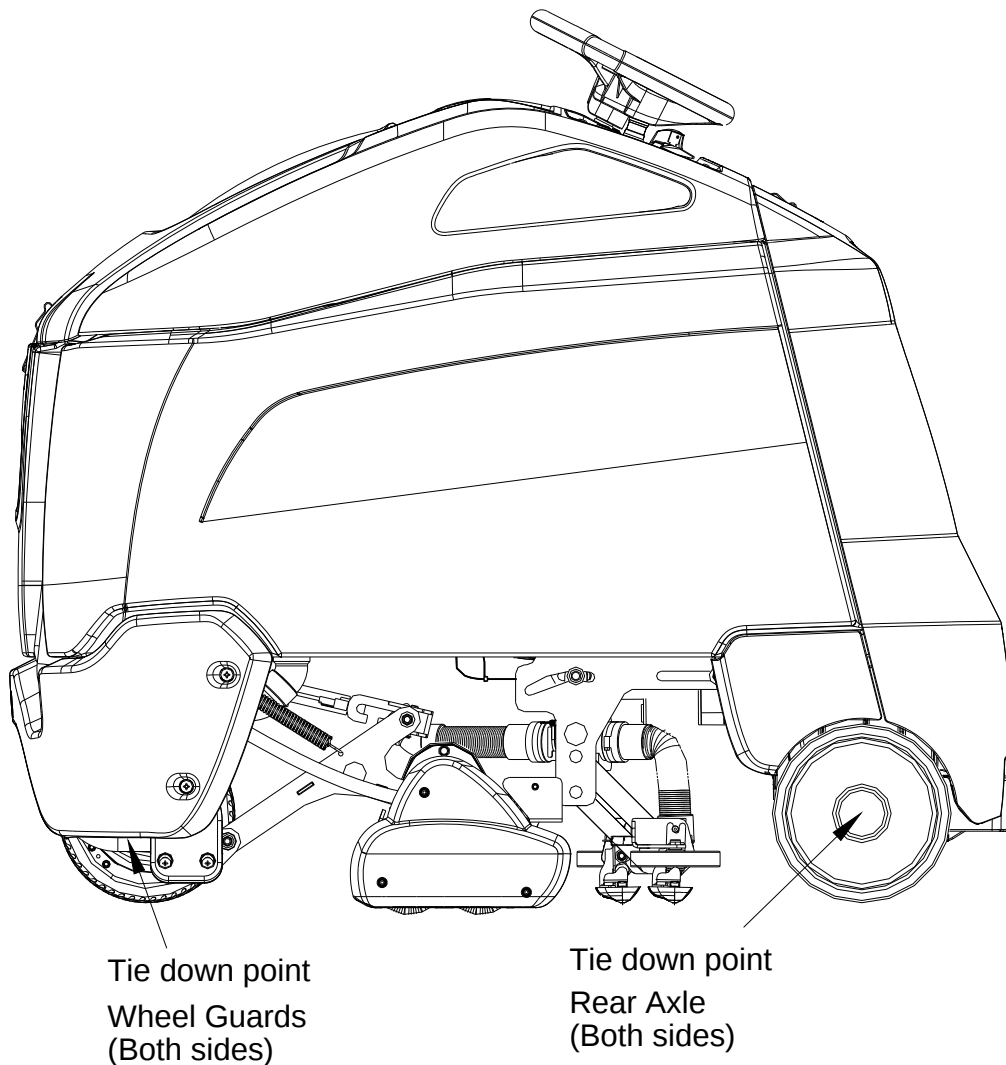
Machine Tie-Downs

There are four tie down points, two on the front wheel guards, and two on the rear axle located on either side of the foot box.

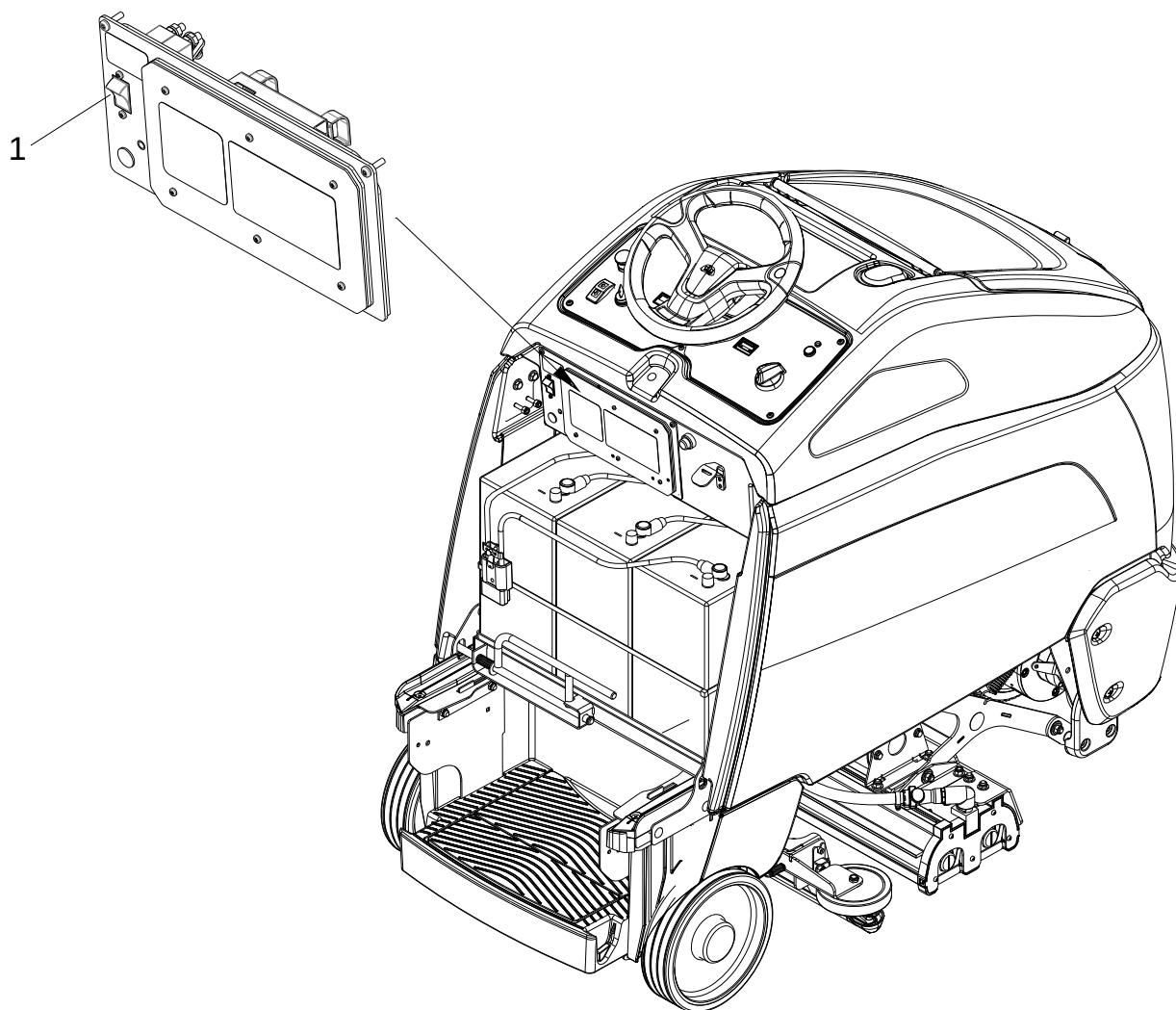
Preparation for Loading/Unloading Trailer

Scrub head must be in the up position before loading.

When transporting the machine on a trailer or in a truck, in addition to using tie-downs, be sure to set the parking brake, and block the tires to prevent the machine from rolling



Circuit Protection



Circuit Breakers

1. MAIN CIRCUIT BREAKER

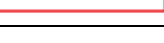
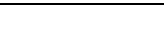
Interrupts the flow of power from batteries in the event of an electrical overload. When the circuit breaker is tripped, it can be reset by pressing the toggle switch. If the circuit breaker continues to trip, the cause of the electrical overload must be corrected.

Troubleshooting

PROBLEM	CAUSE	SOLUTION
No power to machine	Battery disconnected	Check all battery cable connections
	Emergency shut-off activated	Reset
	Battery cables corroded	Clean connections
	Faulty key switch	Replace switch
	On board charger plugged in	Unplug and stow cord
	Main circuit breaker tripped	Reset circuit breaker
Little or no propel	Low battery charge	Charge batteries
	Machine turned on with pedal not in neutral position	Allow pedal to return to neutral. Restart.
	Tripped circuit breaker	Reset circuit breaker
	Wheels spin	Decrease brush pressure
	Controller overheated	Allow cool down period
	Loose motor connection	Check wires and connections from controller to motor
	Faulty throttle circuit or potentiometer	Check wires and connections from and potentiometer resistance
	Faulty drive reset circuit or switch	Check wires, connections and switch
	Faulty platform circuit or switch	Check wires, connections and switch
Machine does not change speeds	Faulty speed control circuit or switch	Check wires & connections
Forward speed only	Faulty forward/reverse circuit	Check wires & connections
Reverse speed only		
Poor or no water pickup	Debris caught on vacuum shoe	Remove debris
	Damaged vacuum shoe	Replace vacuum shoe
	Vacuum hose clogged	Clear obstruction from hose
	Vacuum hose disconnected from vacuum shoe	Reconnect vacuum hose
	Recovery tank float system dirty	Clean float system
	Recovery tank not sealed	Latch recovery tank lid to tank. Replace damaged gaskets
	Float-ball shut-off engaged, tank full	Empty recovery tank
	Foam filling recovery tank	Empty recovery tank. Use less or different detergent. Use defoamer.
	Vacuum shoe not contacting the floor correctly	Check vacuum shoe latch engagement
	Vacuum shoe clogged	Take vacuum shoe apart and clean
	Vacuum shoe not recovering efficiently	Verify gasket between cover and glide of vacuum shoe is installed correctly and not damaged.

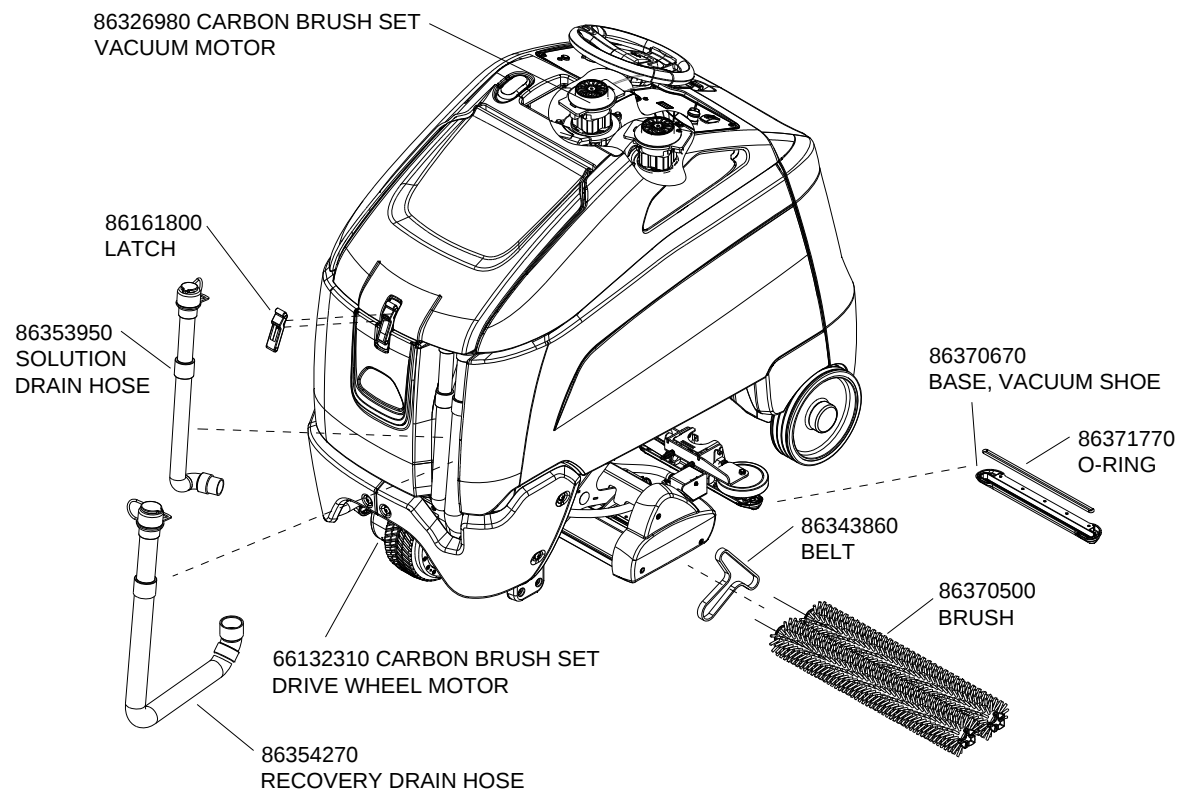
PROBLEM	CAUSE	SOLUTION
Vacuum motor does not run, or runs slowly	Faulty vacuum circuit or switch	Check wires connections and motor
	Worn vacuum motor brushes	Replace brushes, check commutator
Vacuum shoes will not go up/down	Faulty circuit or actuator	Check wires, connectors and actuator
Poor scrubbing performance	Debris caught in scrub brushes	Remove debris
	Worn brushes	Replace brushes
	Low battery charge	Charge batteries
Little or no solution flow to the floor	Solution tank empty	Fill solution tank
	Solution strainer plugged	Clean solution strainer
	Solution system plumbing obstructed	Clear obstruction from plumbing
	Solution solenoid valve obstructed or faulty.	Repair or replace solenoid valve
	Clogged or dirty manifold	Clean solution manifold
Brush motors do not run, or run slowly	Low battery charge	Charge battery
	Faulty brush circuit or motor	Check wires, connections and motor
	Worn brush motor brushes	Replace brushes, check commutator
Scrub deck goes down, then raises	Faulty actuator circuit or actuator	Check wire connections and actuator
Optional Off-Aisle pump runs, but no solution sprays from tool nozzle	Clogged spray nozzle.	Replace Nozzle
	Machine solution tank empty.	Fill solution tank
	While in off-aisle mode with wand/hand tool trigger squeezed, machine was turned off by key switch, or emergency stop switch.	Disconnect & reconnect solution supply hose to pump (relieves suction pressure buildup)
Optional Off-Aisle pump will not run	Pump harness in-line fuse blown	Replace fuse
	Fuse cap or fuse making bad connection	Remove fuse cap and fuse, reinstall

Controller Fault Codes

ERROR CODE DELUXE	PROBLEM	SOLUTION
1 Bar 	TRACTION MOTOR AND CONTROLLER ERROR	THE BATTERY NEEDS CHARGING OR THERE IS A BAD CONNECTION FROM THE BATTERY TO THE TRACTION CONTROLLER. CHARGE BATTERY OR CALL FOR SERVICE AND HAVE TECHNICIAN CHECK WIRING.
2 Bar 	TRACTION MOTOR DISCONNECTED	THE TRACTION MOTOR HAS A BAD CONNECTION. CALL FOR SERVICE AND HAVE TECHNICIAN CHECK WIRING.
3 Bar 	TRACTION MOTOR SHORT CIRCUIT	THE TRACTION MOTOR HAS A SHORT CIRCUIT TO THE BATTERY. CALL FOR SERVICE AND HAVE TECHNICIAN CHECK FOR SHORT CIRCUIT.
4 Bar 	AUX FAULT or ACTUATOR (DECK or SQUE) OVERCURRENT	CALL FOR SERVICE AND HAVE TECHNICIAN CHECK AUX OUTPUT DEVICES AND ASSOCIATED WIRING.
5 Bar 	VACUUM MOTOR TRIP	THE VACUUM MOTOR HAS EXCESSIVE CURRENT. CALL FOR SERVICE AND HAVE TECHNICIAN CHECK FOR SHORT CIRCUIT OR OTHER DAMAGE.
6 Bar 	BRUSH MOTOR TRIP	THE BRUSH MOTOR HAS EXCESSIVE CURRENT, CALL FOR SERVICE AND HAVE TECHNICIAN CHECK FOR SHORT CIRCUITS, PADS OR OTHER DAMAGE.
7 Bar 	THROTTLE TRIP ERROR	THE THROTTLE IS DEFLECTED OR ASSOCIATED WIRING HAS A BREAK OR SHORT CIRCUIT. CALL FOR SERVICE AND HAVE TECHNICIAN CHECK THROTTLE AND ASSOCIATED WIRING.
8 Bar 	CONTROL SYSTEM TRIP	THE TRACTION CONTROL SYSTEM IS IN ERROR. CALL FOR SERVICE AND HAVE TECHNICIAN CHECK ALL CONNECTIONS TO THE CONTROLLER.
9 Bar 	SOLENOID BRAKE	THE BRAKE SOLENOID HAS A BAD CONNECTION. CALL FOR SERVICE AND HAVE TECHNICIAN CHECK CONNECTIONS TO THE BRAKE.
10 Bar 	HIGH BATTERY VOLTAGE	EXCESSIVE BATTERY VOLTAGE, CALL FOR SERVICE AND HAVE TECHNICIAN CHECK BATTERY CONDITION.

ERROR CODE DELUXE	PROBLEM	SOLUTION
	MACHINE IS NOT REPORTING TO KÄRCHER FLEET	MACHINES WITH KÄRCHER FLEET SUPPORT, CALL FOR SERVICE. MACHINES WITHOUT KÄRCHER FLEET SUPPORT, NO ACTION REQUIRED.

Suggested Spare Parts





Spare Parts List

(10061670, 10061680, 10061780, 10061790, 10061800, 10061880)

Chariot 3 iExtract 26 Duo

From Serial Number (Ref No. 1*)

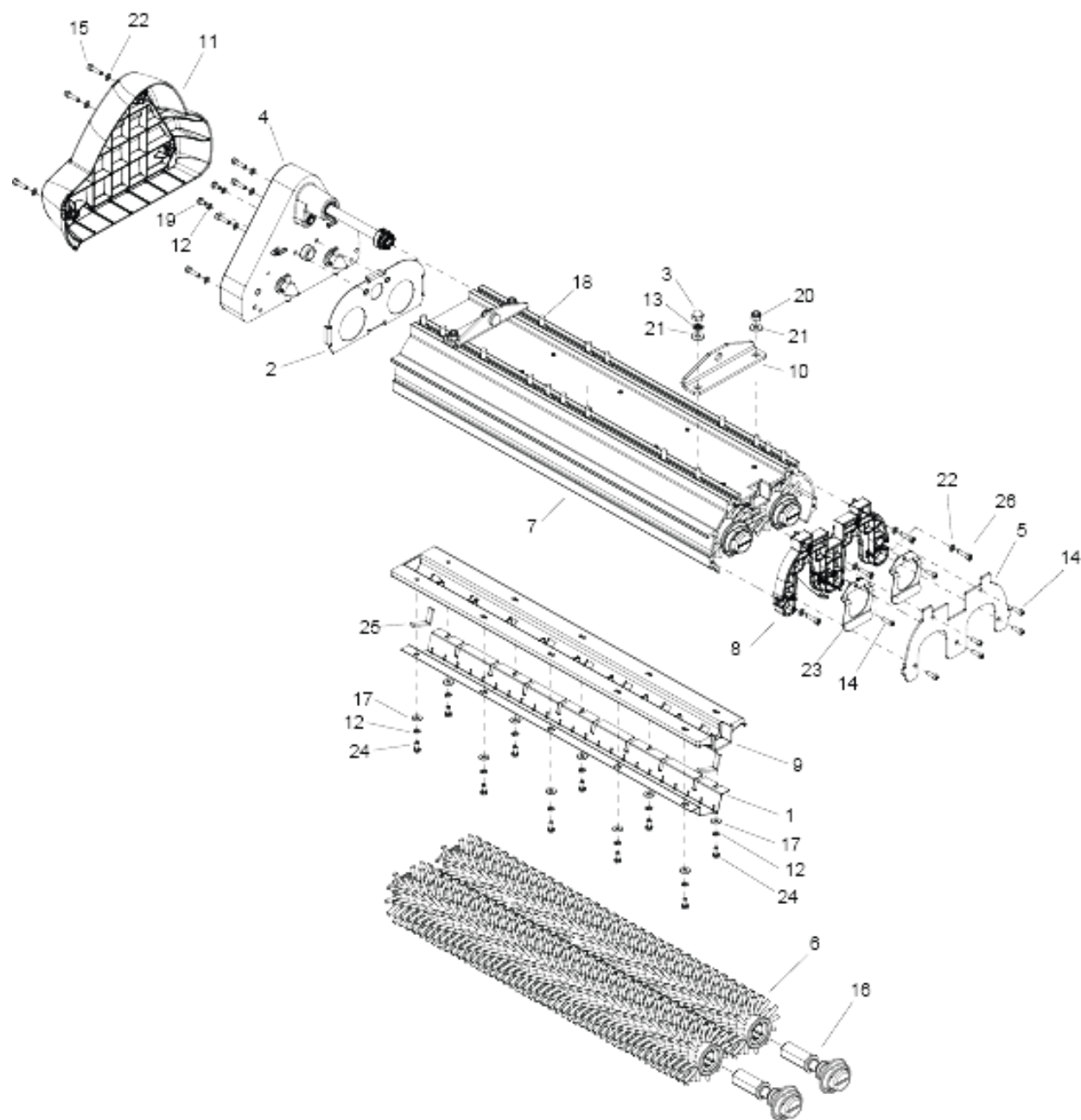
* See Serial Number page
or call manufacturer.

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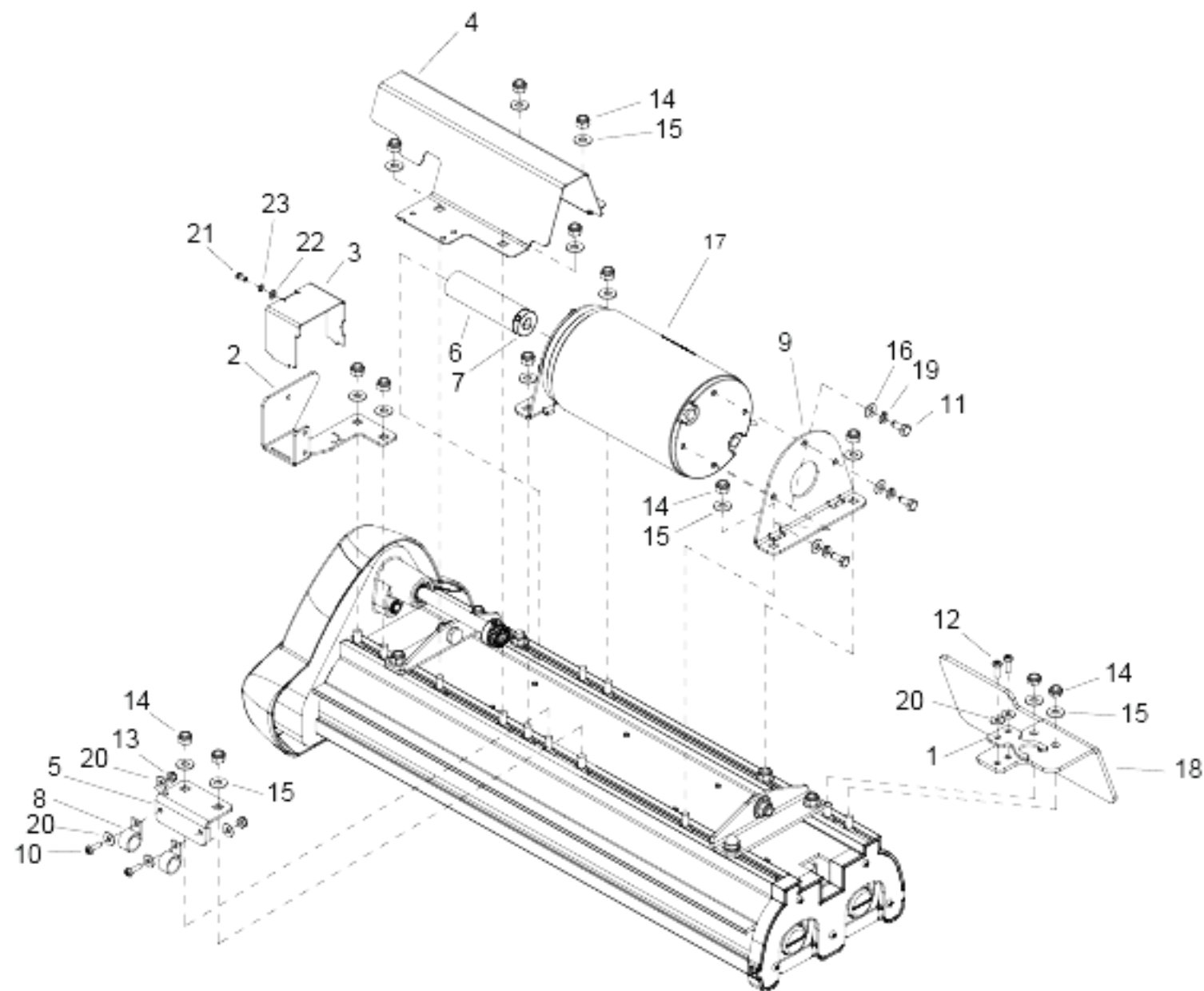
CHARIOT 3 iEXTRACT 26, SHELF CHARGER (ALL MODELS)

POS	Article no.	Description	Quantity	Unit
1		BRUSH DECK 1	1.000	ST
2		BRUSH DECK 2	1.000	ST
3		BRUSH DECK LIFT	1.000	ST
4		BRUSH DECK MOUNTING	1.000	ST
5		BRUSH DECK DRIVE	1.000	ST
6		GRP, BUMPER BLK, CS26	1.000	ST
7		CONSOLE	1.000	ST
8		Console Mounting	1.000	ST
9		CONTROL PANEL UPPER	1.000	ST
10		CONTROL PANEL LOWER	1.000	ST
11		Control Panel Mounting	1.000	ST
12		CONTROLLER	1.000	ST
13		DECALS	1.000	ST
14		DRIVE MOUNTING	1.000	ST
15		Frame	1.000	ST
16		Platform	1.000	ST
17		Platform Footbox & Rear Wheels	1.000	ST
18		Rear Cover	1.000	ST
19		RECOVERY	1.000	ST
20		SOLUTION SYSTEM	1.000	ST
21		STEERING	1.000	ST
22		Tank	1.000	ST
23		VACUUM SHOE LIFT	1.000	ST
24		VACUUM SHOE MOUNTING	1.000	ST
25		VACUUM SHOE	1.000	ST
26		VACUUM	1.000	ST
27	0.250-135.0	WIRING BATTERIES	1.000	ST
28		WIRING COMPONENTS	1.000	ST
29		Battery Exchange - 1	1.000	ST
30		Battery Exchange - 2	1.000	ST
31		Battery Exchange - 3	1.000	ST
32		PUMP OFF AISLE	1.000	ST



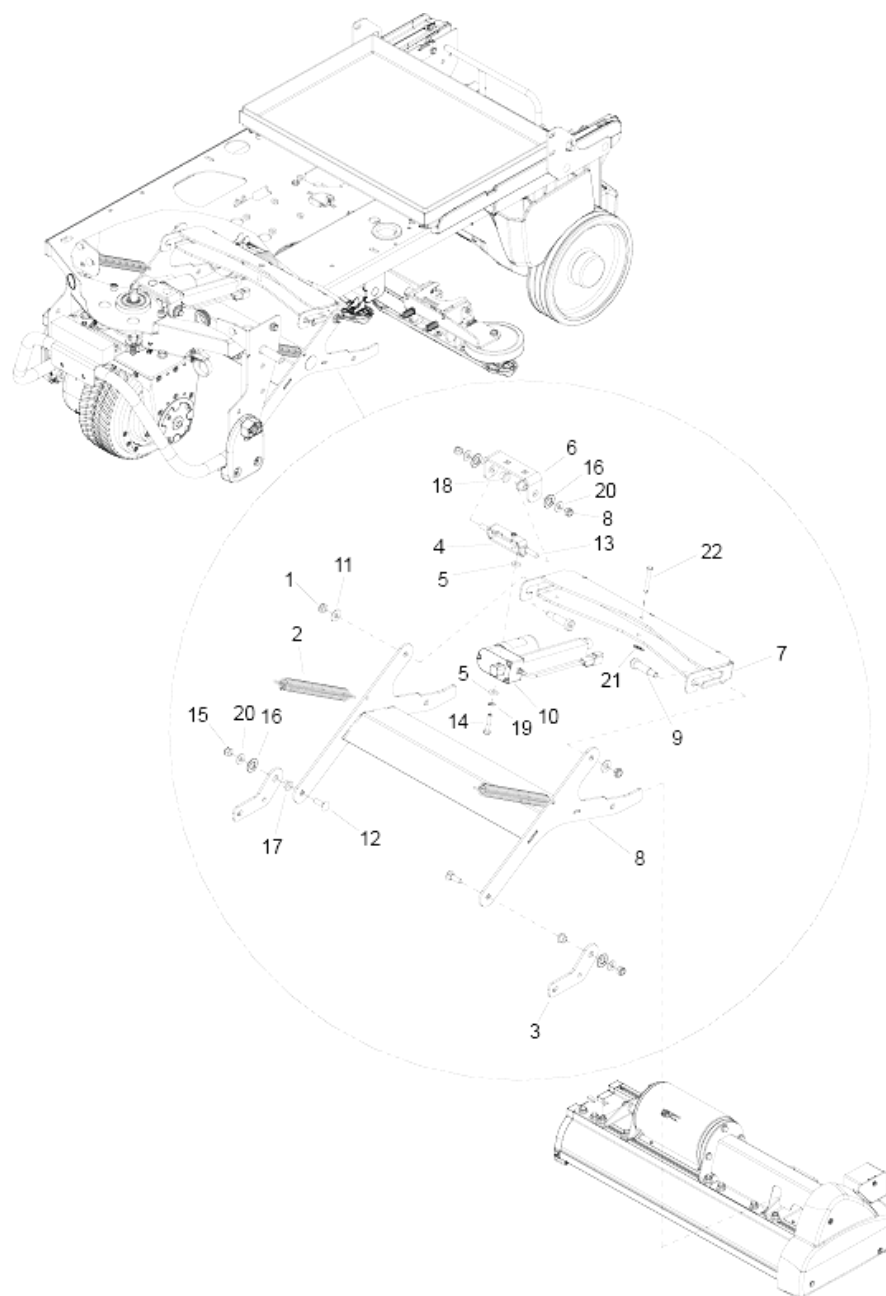
1 BRUSH DECK 1

POS	Article no.	Description	Quantity	Unit	Remark
1	8.637-328.0	RAIL, AGITATOR	1.000	ST	
2	8.637-273.0	PLATE, BRUSH GUIDE	1.000	ST	
3	8.637-204.0	NUT, 5-16-18 HEXACORN SS	1.000	ST	
4	8.637-175.0	GRP, BRUSH DRIVE, iEXTRACT 26	1.000	ST	BRUSH DECK DRIVE
5	8.637-151.0	COVER, END CAP, BRUSH CLIP	1.000	ST	
6	8.637-050.0	BRUSH, EXTRACTOR, 4"OD, 26"L	2.000	ST	
7	8.637-491.0	EXTRUSION, DUAL 4" BRUSH, 26"	1.000	ST	
8	8.636-915.0	END CAP, BRUSH CLIP	1.000	ST	
9	8.636-907.0	MOUNT, SOLUTION MANIFOLD	1.000	ST	
10	8.634-131.0	BRKT, BRUSH DECK PIVOT	2.000	ST	
11	8.633-957.0	COVER, DRIVE HOUSING	1.000	ST	
12	8.633-181.0	WASHER, M5 SPL SS	12.000	ST	
13	8.633-099.0	WASHER, 5/16 INTLK SS	1.000	ST	
14	7.303-104.0	Screw 5x16 -A2-70 (IN6RD)	7.000	ST	
15	8.601-499.0	SCREW, M5-.8 X 20 SCHCS SS DIN912	3.000	ST	
16	8.637-307.0	ASM, BRUSH END, NON-DRIVE	2.000	ST	
17	8.617-333.0	WASHER, M5 SS ISO7093	10.000	ST	
18	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	18.000	ST	
19	8.627-429.0	SCREW, 10-32 X .375 PHPNHMS SS	2.000	ST	
20	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	3.000	ST	
21	8.601-067.0	WASHER, 5/16 FLT SS	4.000	ST	
22	8.617-335.0	WASHER, M5 FLT SS ISO7089	7.000	ST	
23	8.622-463.0	SPRING, BRUSH CLIP	2.000	ST	
24	8.619-630.0	SCREW, M5-.8 X 12 HHCS SS	10.000	ST	
25	8.637-419.0	GASKET, .125 X .31 X 2.5	2.000	ST	
26	8.617-295.0	SCREW, M5-.8 X 12 SHCS SS DIN912	4.000	ST	



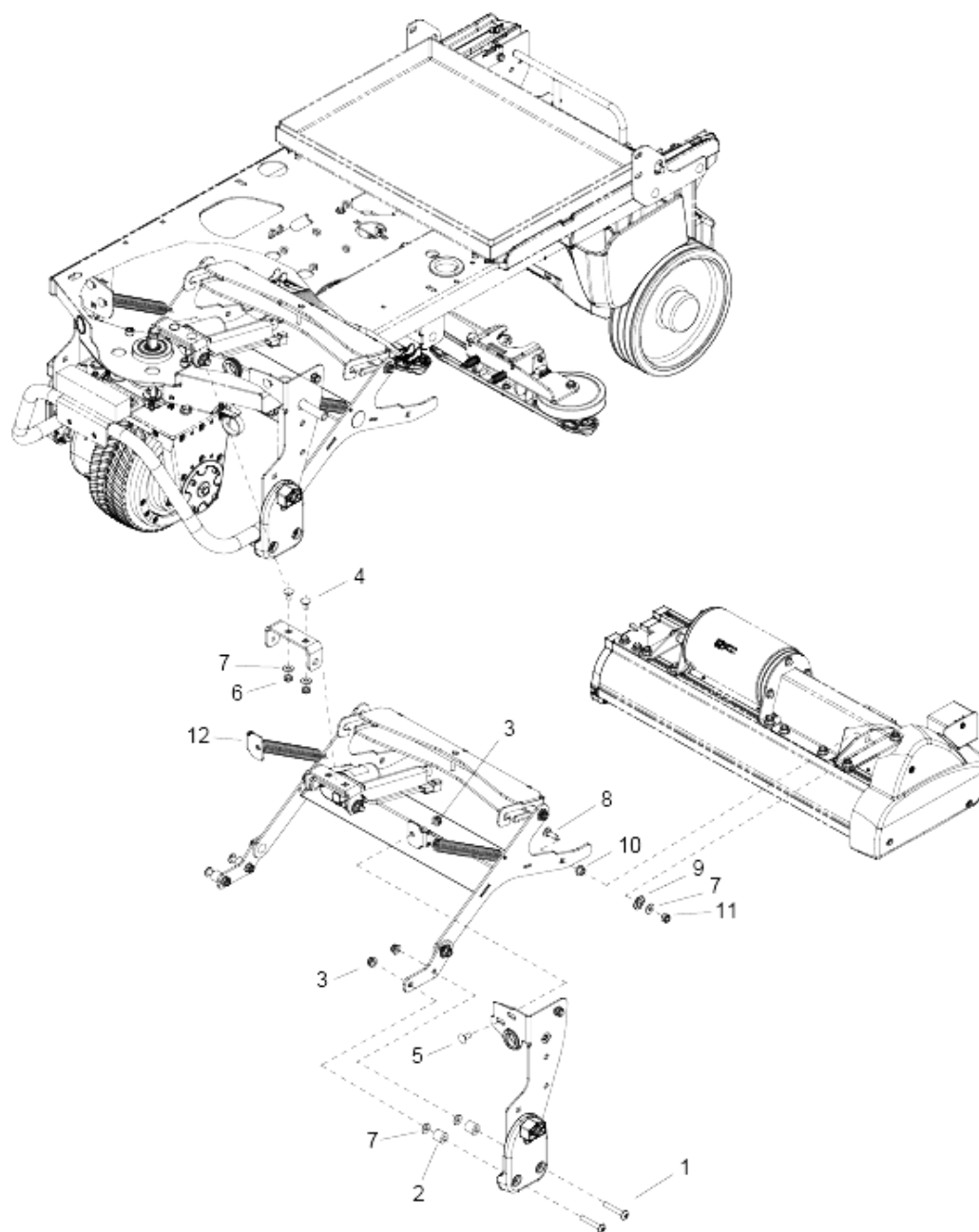
2 BRUSH DECK 2

POS	Article no.	Description	Quantity	Unit
1	8.637-283.0	CLIP, MANIFOLD	1.000	ST
2	8.637-268.0	BRACKET, SOLENOID	1.000	ST
3	8.637-267.0	COVER, SOLENOID	1.000	ST
4	8.637-168.0	BRACKET, SHAFT COVER	1.000	ST
5	8.637-158.0	BRACKET, HOSE	1.000	ST
6	8.637-048.0	SLEEVE, 17SH 4.09", HYTREL, GRN	1.000	ST
7	8.637-047.0	HUB, COUPLING, 18ES 1/2" D-BORE	1.000	ST
8	8.635-499.0	CLAMP, .75 DIA, FLEX LOOP, NYLON	2.000	ST
9	8.634-049.0	BRKT, MOTOR MOUNT	2.000	ST
10	8.627-547.0	SCREW, 10-32 X .625 PHPNHMS SS	2.000	ST
11	8.627-375.0	SCREW, 1/4-20 X .625 HHCS SS NP	6.000	ST
12	8.600-659.0	SCREW, 10-32 X .5 PHPNHMS SS NP	2.000	ST
13	8.627-099.0	NUT, 10-32 HEX NYLOCK SS	2.000	ST
14	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	16.000	ST
15	8.601-067.0	WASHER, 5/16 FLT SS	18.000	ST
16	8.601-063.0	WASHER, 1/4 SS	6.000	ST
17	8.622-213.0	MOTOR, 36VDC	1.000	ST
18	8.637-322.0	BRKT, DECK BALANCE	1.000	ST
19	8.617-334.0	WASHER, 1/4 SPL SS	6.000	ST
20	8.617-333.0	WASHER, M5 SS ISO7093	6.000	ST
21	8.627-622.0	SCREW, 8-32 X 3/8" HHCS SS	1.000	ST
22	8.627-899.0	WASHER, 8 FLT	1.000	ST
23	8.613-485.0	WASHER, M4 SPRL SS DIN127B	1.000	ST



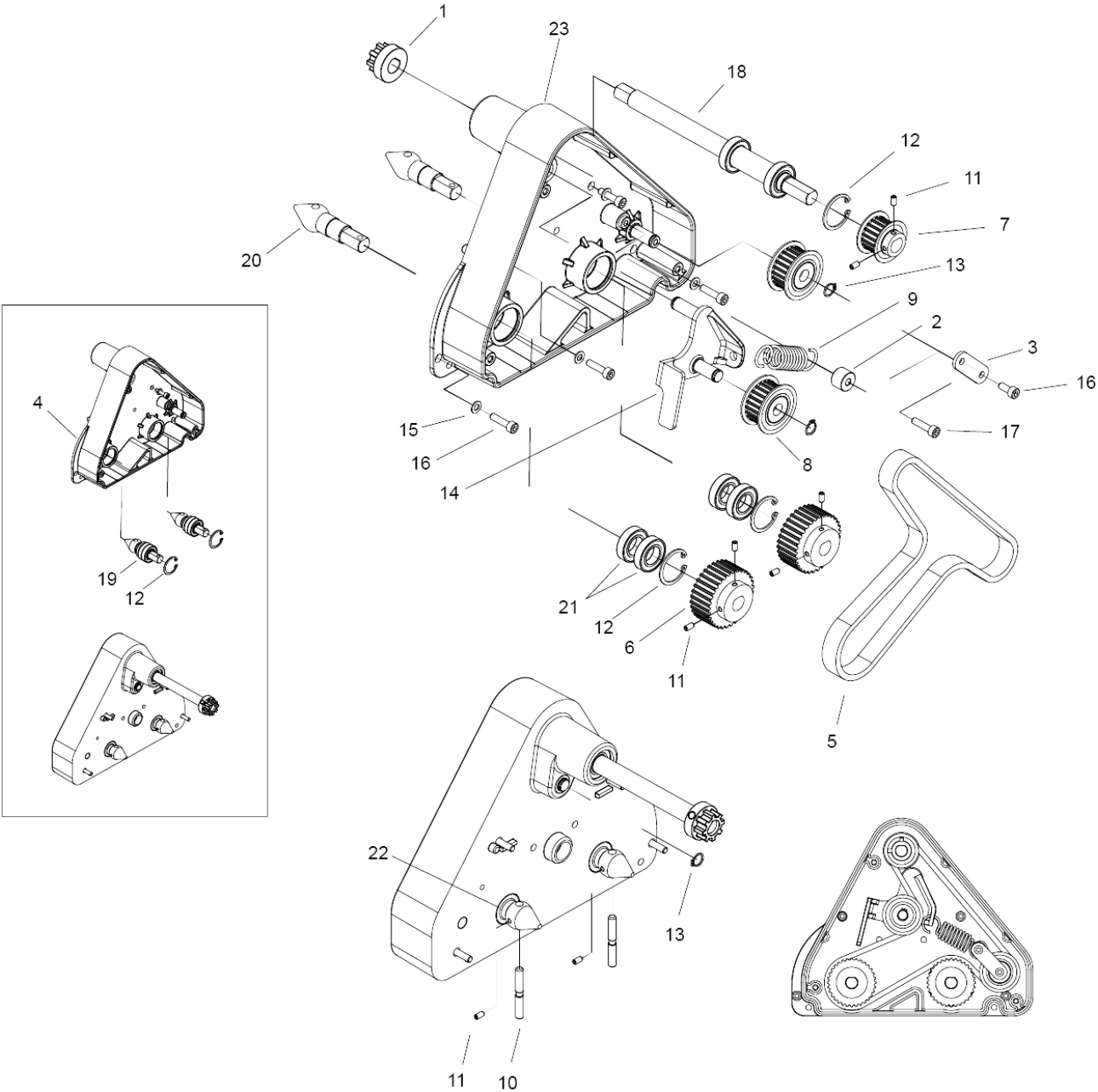
3 BRUSH DECK LIFT

POS	Article no.	Description	Quantity	Unit
1	8.600-563.0	NUT, 3/8-16 HEXTHIN NYLOCK SS	2.000	ST
2	8.637-317.0	SPRING, EXT .859OD X 5.75 L	2.000	ST
3	8.637-222.0	BRACKET, LIFT, LOWER, FRONT	2.000	ST
4	8.637-791.0	BRACKET ASM, ACTUATOR	4.000	ST
5	8.637-042.0	X-REF TO 8.642-893.0 7/18	2.000	ST
6	8.637-040.0	BRKT, ACTUATOR, UPPER, OUTER	1.000	ST
7	8.637-039.0	BRKT, ACTUATOR, LOWER WLDMNT	1.000	ST
8	8.637-036.0	DECK LIFT WELDMENT	1.000	ST
9	8.636-402.0	SHOULDER BOLT 5/16 X .75L	2.000	ST
10	8.632-088.0	ACT, 36VDC, 3.0" STK, 8.74 LNG	1.000	ST
11	8.627-891.0	WASHER, 3/8 SS	2.000	ST
12	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	2.000	ST
13	8.627-703.0	SCREW, 5/16-18 X 1.25 CARR SS	2.000	ST
14	8.627-385.0	SCREW, 1/4-20 X 2 HHCS SS	1.000	ST
15	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	4.000	ST
16	8.625-941.0	WASHER, .51 X 10 X .063 THR	4.000	ST
17	8.622-899.0	BUSHING, .314 X .502 X .375 FLG BRZ	2.000	ST
18	8.622-884.0	BUSHING, .314 X .502 X .5 FLG	2.000	ST
19	8.617-334.0	WASHER, 1/4 SPL SS	1.000	ST
20	8.601-067.0	WASHER, 5/16 FLT SS	4.000	ST
21	8.600-865.0	PIN, COTTER RING 1/4 X .041 X .844	1.000	ST
22	8.600-625.0	PIN, CLEVIS 1/4 X 1.75 STL ZNPLT	1.000	ST



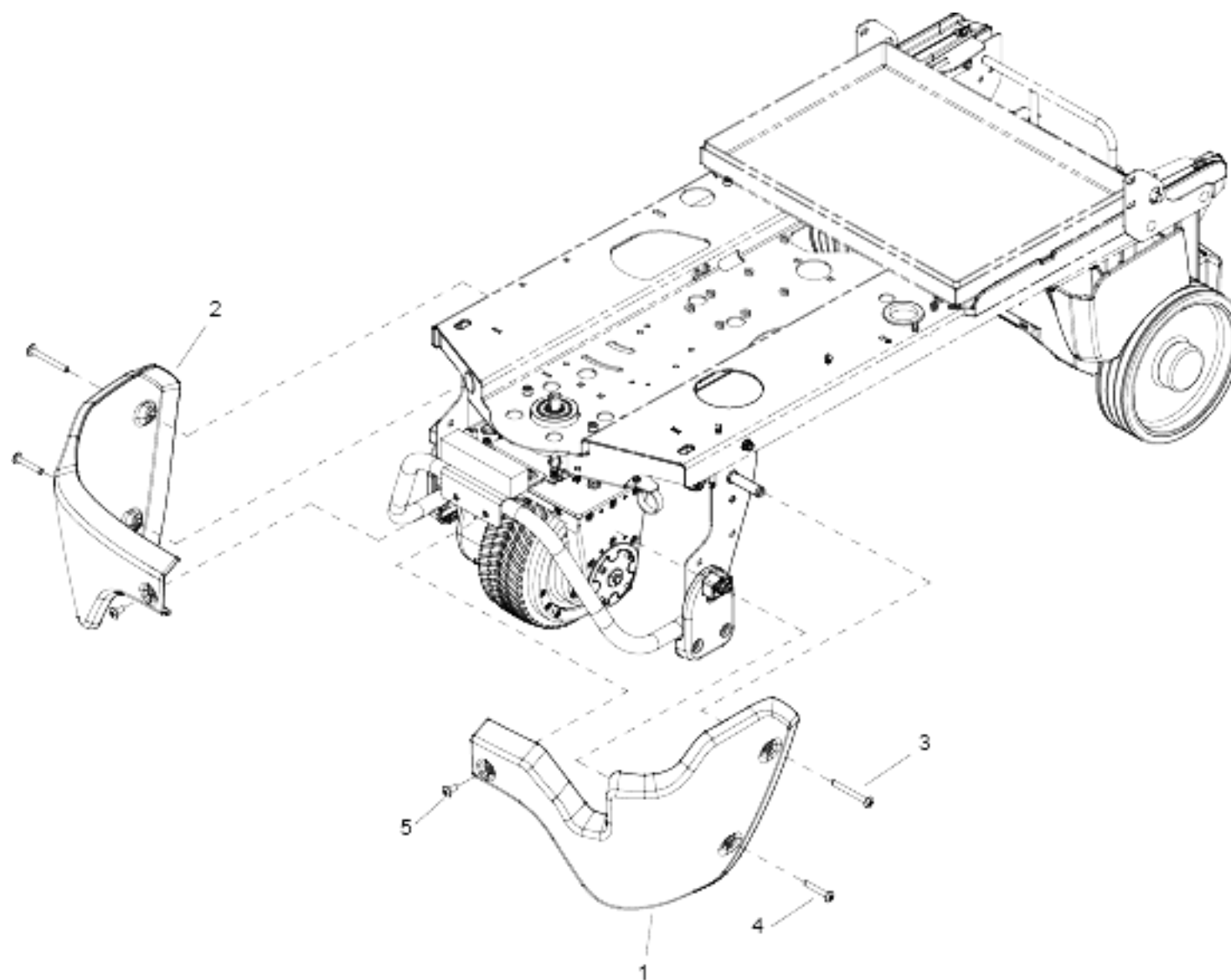
4 BRUSH DECK MOUNTING

POS	Article no.	Description	Quantity	Unit
1	8.637-083.0	SCREW, 5/16-18 X 2 PHPNHMS SS	4.000	ST
2	8.637-012.0	SPACER, .319DX.75DX.75L,AL	4.000	ST
3	8.636-824.0	NUT, 5/16-18, FLG NYLOCK SS	6.000	ST
4	8.627-741.0	SCREW, 5/16-18 X .625 CARR SS	2.000	ST
5	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	2.000	ST
6	8.627-184.0	NUT, 5/16-18 HEXTHIN NYLOCK SS	2.000	ST
7	8.601-067.0	WASHER, 5/16 FLT SS	6.000	ST
8	8.627-713.0	SCREW, 5/16-18 X 1 CARR SS	2.000	ST
9	8.625-941.0	WASHER, .51 X 10 X .063 THR	2.000	ST
10	8.622-899.0	BUSHING, .314 X .502 X .375 FLG BRZ	2.000	ST
11	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
12	8.637-319.0	BRKT, SPRING HANGER	2.000	ST



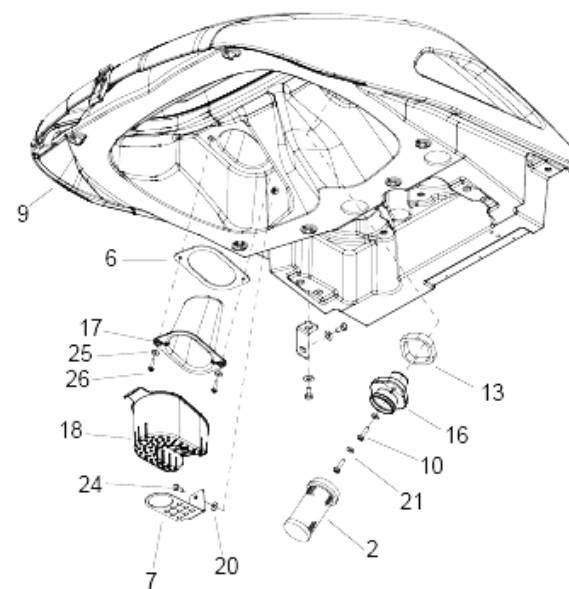
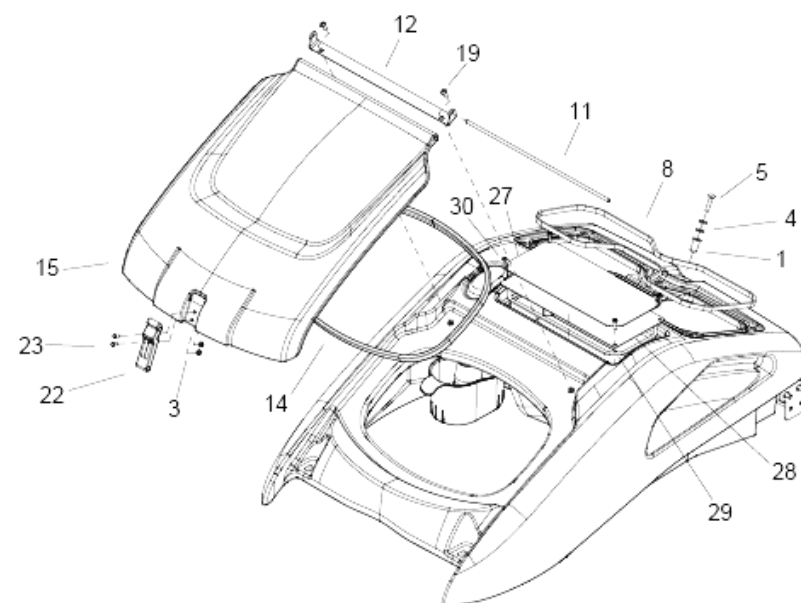
5 BRUSH DECK DRIVE

POS	Article no.	Description	Quantity	Unit	Serial number from	Remark
1	8.637-047.0	HUB, COUPLING, 18ES 1/2" D-BORE	1.000	ST		
2	8.634-980.0	Spacer 15.9OD X 5.3ID X 11L	1.000	ST		
3	8.634-979.0	PLATE, SUPPORT	1.000	ST		
4	8.634-387.0	HOUSING ASM, BRUSH DRIVE	1.000	ST		
5	8.634-386.0	BELT, TWIN 5MM GT2, 15W, 130T	1.000	ST		
6	8.634-385.0	PULLEY, 32T 5MM GT, 15W	2.000	ST		
7	8.634-384.0	PULLEY, 18T 5MM GT, 15W	1.000	ST		
8	8.634-383.0	PULLEY ASM, 22T 5MM GT, 15W	2.000	ST		
9	8.622-466.0	SPRING, TENSIONER	1.000	ST		
10	8.622-417.0	SHAFT, 6.2MM BRUSH DRIVE	2.000	ST		
11	8.622-378.0	Threaded pin M4X8	8.000	ST		
12	8.622-352.0	RING, 28MM INT SNAP PHOSPHATE	3.000	ST		
13	8.622-349.0	RING, 10MM EXT SNAP, DIN 471	3.000	ST		
14	8.621-587.0	BRKT, TENSIONER ARM	1.000	ST		
15	8.617-335.0	WASHER, M5 FLT SS ISO7089	4.000	ST		
16	8.617-295.0	SCREW, M5-.8 X 12 SHCS SS DIN912	5.000	ST		
17	8.601-499.0	SCREW, M5-.8 X 20 SCHCS SS DIN912	1.000	ST		
18	8.601-283.0	SHAFT ASM, DRIVE 24"	1.000	ST		
19	8.601-279.0	SHAFT ASM, BRUSH DRIVE	2.000	ST		NOT FOR USE WITH 86427760
20		SHAFT, BRUSH DRIVE, SEAL	2.000	ST	3	
21		BEARING, 15 X 28 X 7W SS BALL	4.000	ST	3	
22		SEAL, OIL, 16 X 26 X 5 TC	2.000	ST	3	
23		HOUSING ASM, BRUSH DRIVE, SEAL	1.000	ST	3	INCLUDES 86386650, 86427010, 86228960, 86223520



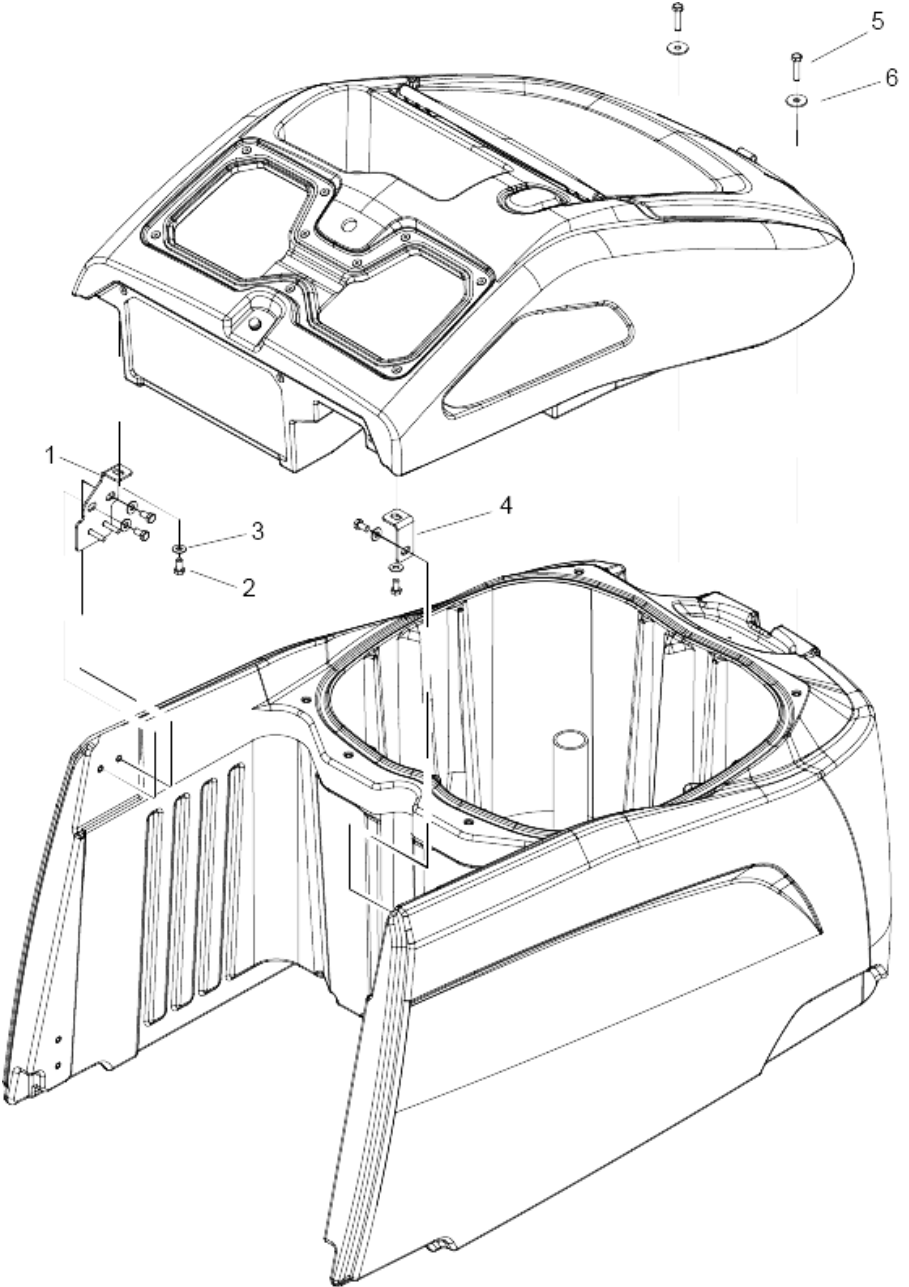
6 GRP, BUMPER BLK, CS26

POS	Article no.	Description	Quantity	Unit
1	8.636-196.0	SCREW, 5/16-18 X 3 PHTRHMS SS	2.000	ST
2	8.636-195.0	SCREW, 5/16-18 X 2 PHTRHMS SS	2.000	ST
3	8.639-965.0	BUMPER, LEFT, BLK	1.000	ST
4	8.639-964.0	BUMPER, RIGHT, BLK	1.000	ST
5	8.627-689.0	SCREW, 5/16-18 X .75 PHTRHMS SS	2.000	ST



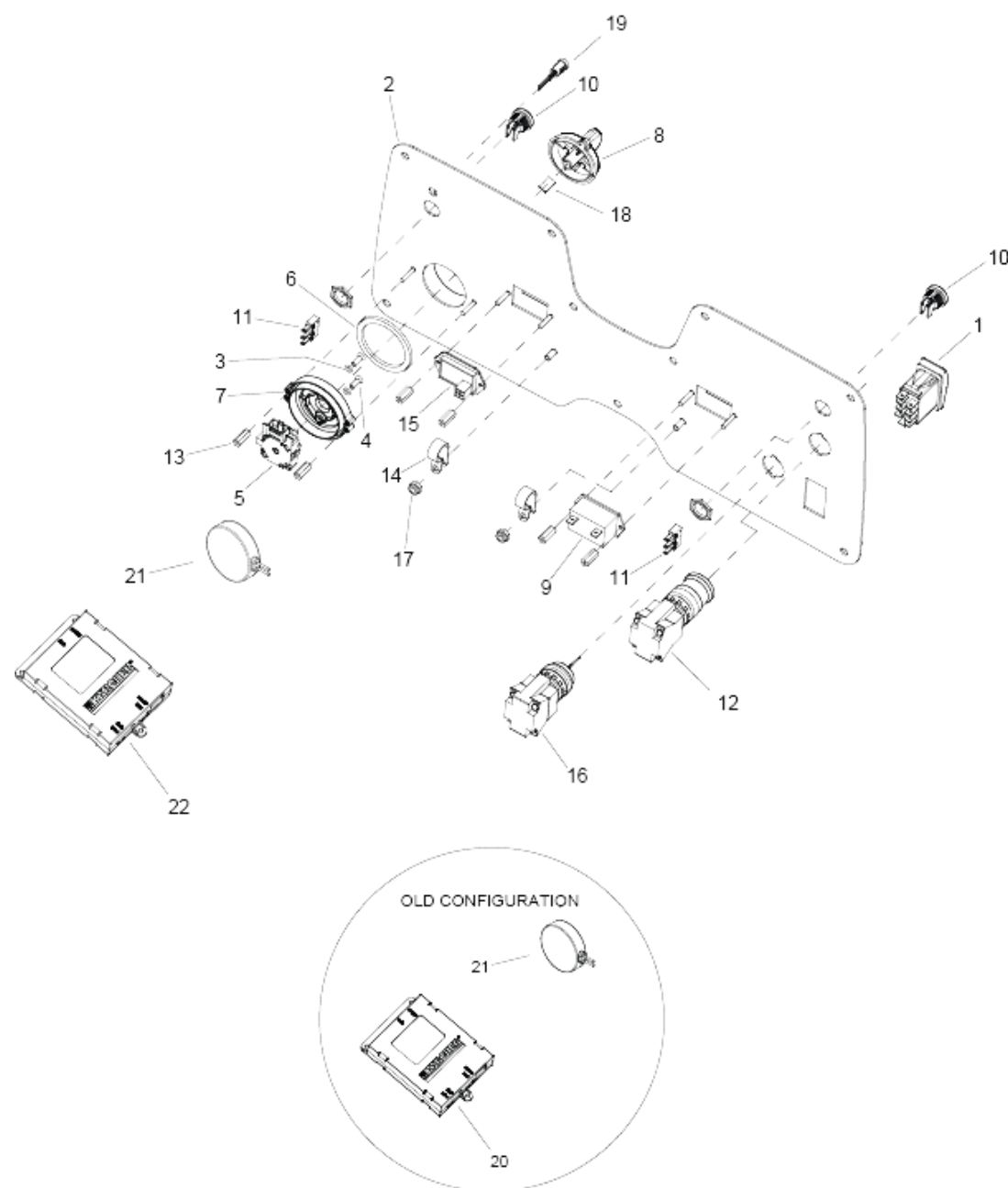
7 CONSOLE

POS	Article no.	Description	Quantity	Unit	Remark
1	8.600-562.0	NUT, 1/4-20 WELL	1.000	ST	
2	8.619-984.0	Cage float -1Ball	1.000	ST	
3	8.627-202.0	NUT, 8-32 HEXTHIN NYLOCK SS	2.000	ST	
4	8.636-177.0	WASHER, 1/4 FLT SS	2.000	ST	
5	8.636-176.0	SCREW, 1/4-20 X 1.25 RDHCARR SS	1.000	ST	
6	8.636-141.0	GASKET, SIGHT GLASS DOME	1.000	ST	
7	8.636-077.0	BRKT, RECOVERY TUBE	1.000	ST	
8	8.636-070.0	GASKET, .188 X .37 X 53.2	1.000	ST	
9	8.636-906.0	CONSOLE, OBC, IEXTRACT 26	1.000	ST	OPTIONAL - CEC26
9	8.639-973.0	CONSOLE, IEXTRACT 26	1.000	ST	
10	8.600-653.0	SCREW, 1/4-20 X 1 PHPNHMS SS	2.000	ST	
11	8.636-026.0	SHAFT, .25 X 15.80, SS	1.000	ST	
12	8.636-014.0	BRKT, LID HINGE	1.000	ST	
13	8.635-956.0	GASKET, FLOAT SCREEN ADAPTER	1.000	ST	
14	8.635-922.0	GASKET, LID, 48.5"	1.000	ST	
15	8.639-993.0	LID, RECOVERY, BLK	1.000	ST	
16	8.635-909.0	ADAPTER, FLOAT SCREEN	1.000	ST	
17	8.635-905.0	DOME, SIGHT GLASS	1.000	ST	
18	8.635-902.0	BASKET, FILTER, RECOVER TANK	1.000	ST	
19	8.632-421.0	SCREW, 1/4-20 X .625 SCHBTNHCS BLKX	2.000	ST	
20	8.632-330.0	WASHER, .23 X .63 X .093 NPRN	1.000	ST	
21	8.627-961.0	WASHER, 1/4 SEG SS	2.000	ST	
22	8.616-180.0	LATCH & CONCEALED KEEPER	1.000	ST	
23	8.627-762.0	SCREW, 8-32 X .5 HHCS SS	2.000	ST	
24	8.627-375.0	SCREW, 1/4-20 X .625 HHCS SS NP	1.000	ST	
25	8.601-065.0	WASHER, .203 X .562 X .040 FLT	2.000	ST	
26	8.632-957.0	SCREW, 10-32 X 1 TMS SS TL	2.000	ST	
27	8.637-149.0	PAD, CONSOLE IEXTRACT 26	1.000	ST	USED WITH 86399730
28	8.637-483.0	COVER, STEERING ACCESS	1.000	ST	USED WITH 86399730
29	8.637-150.0	GASKET, .188 X .31 X 36.0	1.000	ST	USED WITH 86399730
30	8.637-141.0	SCREW, 10-32 X .75 TMS SS BLK	4.000	ST	



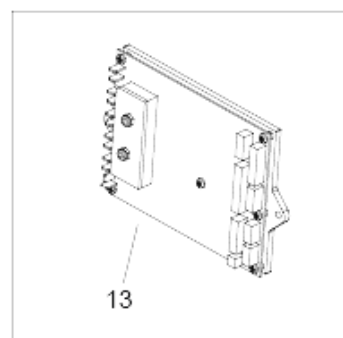
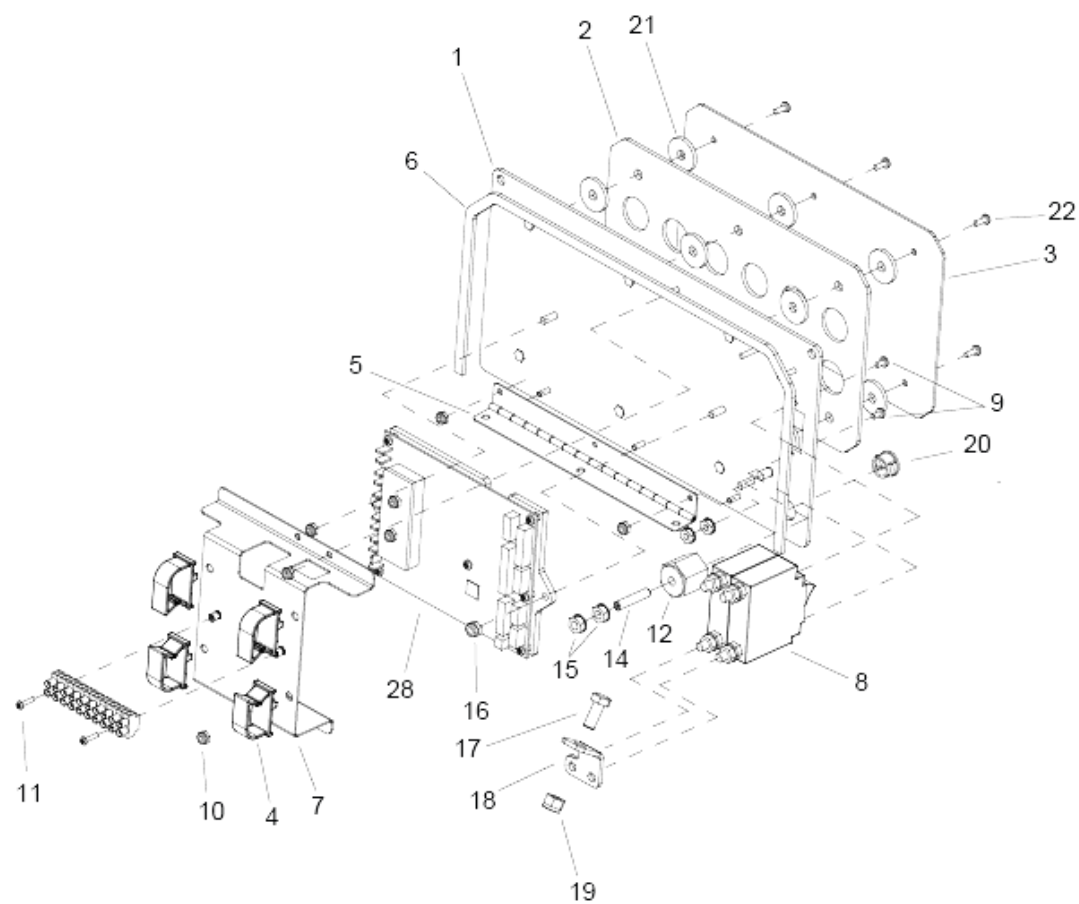
8 Console Mounting

POS	Article no.	Description	Quantity	Unit
1	8.636-030.0	BRKT, CONSOLE MT LT	1.000	ST
2	8.627-649.0	SCREW, 5/16-18 X .625 HHCS SS	5.000	ST
3	8.601-067.0	WASHER, 5/16 FLT SS	5.000	ST
4	8.636-029.0	BRKT, CONSOLE MT RT	1.000	ST
5	8.636-796.0	SCREW, 5/16-18 X 1.375 HHCS SS	2.000	ST
6	8.636-725.0	WASHER, .344 X 1.13 X .09 SS	2.000	ST



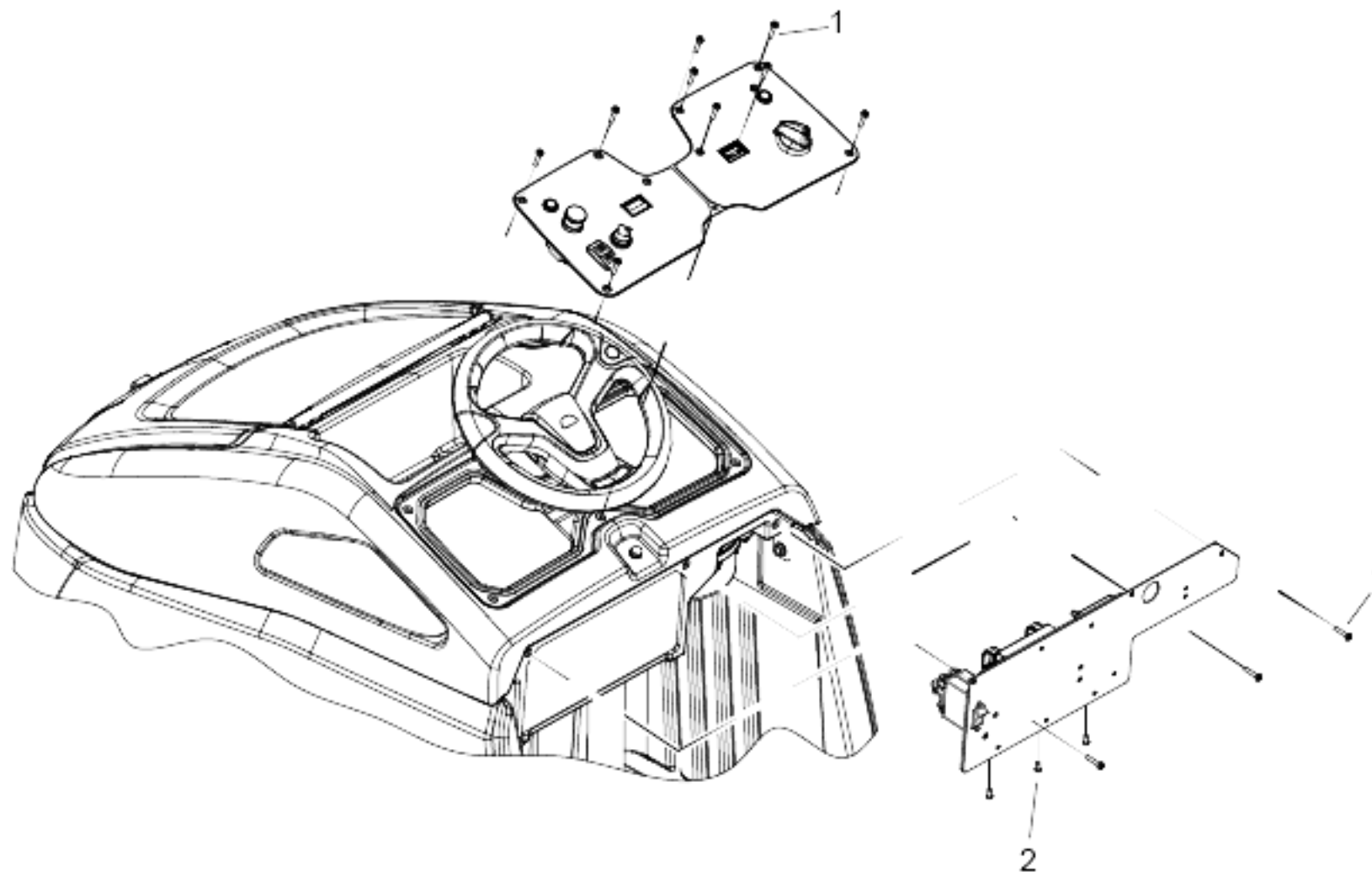
9 CONTROL PANEL UPPER

POS	Article no.	Description	Quantity	Unit	Serial number from	Remark
1	8.636-259.0	SWITCH, SPDT 3 POSN MON, ARROW	1.000	ST		
2	8.636-069.0	PANEL, CONTROL UPPER, CS26	1.000	ST		
3	8.635-844.0	O-RING, 4MM ID, 1.5MM THK, BUNA-N	2.000	ST		
4	8.635-843.0	SCREW, M4 X 12 FLHMS SS ISO7046 NP	2.000	ST		
5	8.635-487.0	SWITCH, ROTARY	1.000	ST		
6	8.635-481.0	GASKET, ROTARY SWITCH	1.000	ST		
7	8.635-456.0	BEZEL, ROTARY SWITCH	1.000	ST		
8	5.321-738.0	Handhold operational concept	1.000	ST		
9	8.631-547.0	METER, HOUR ICD	1.000	ST		
10	8.629-520.0	ASM, BUTTON, BLACK, W/BEZEL	2.000	ST		
11	8.629-278.0	SWITCH, MICRO	2.000	ST		
12	8.629-259.0	SWITCH, E-STOP AKW CHARIOT	1.000	ST		
13	8.625-590.0	STANDOFF, 6-32 X 5/8 HEX NYL	6.000	ST		
14	8.619-846.0	CLAMP, 5/8 NYLON UL/CSA	2.000	ST		
15	8.642-852.0	METER, BATTERY, DISCOVER LITHIUM	1.000	ST		CE26LI ONLY
15	8.601-267.0	METER, BATTERY, PG TRUE CHARGE	1.000	ST		EXCEPT CE26LI
16	8.600-719.0	Switch KEY DPST	1.000	ST		
17	8.600-564.0	NUT, 10-32 HEX NYLOCK STL GR2 ZNPLT	2.000	ST		
18	6.313-014.0	Spring element	1.000	ST		
19	8.636-710.0	LED, WATER INDICATOR	1.000	ST		
20	4.683-027.0	Fleet management module WLAN + Glonass	1.000	ST	(3*)	MOUNTED ON CONSOLE WALL
21	6.682-017.0	Antenna Fleetmanagement-Modul 0,5m	1.000	ST	(3*)	MOUNTED ON CONSOLE WALL
22	4.683-210.0	TCU V1,5 FC NA	1.000	ST		



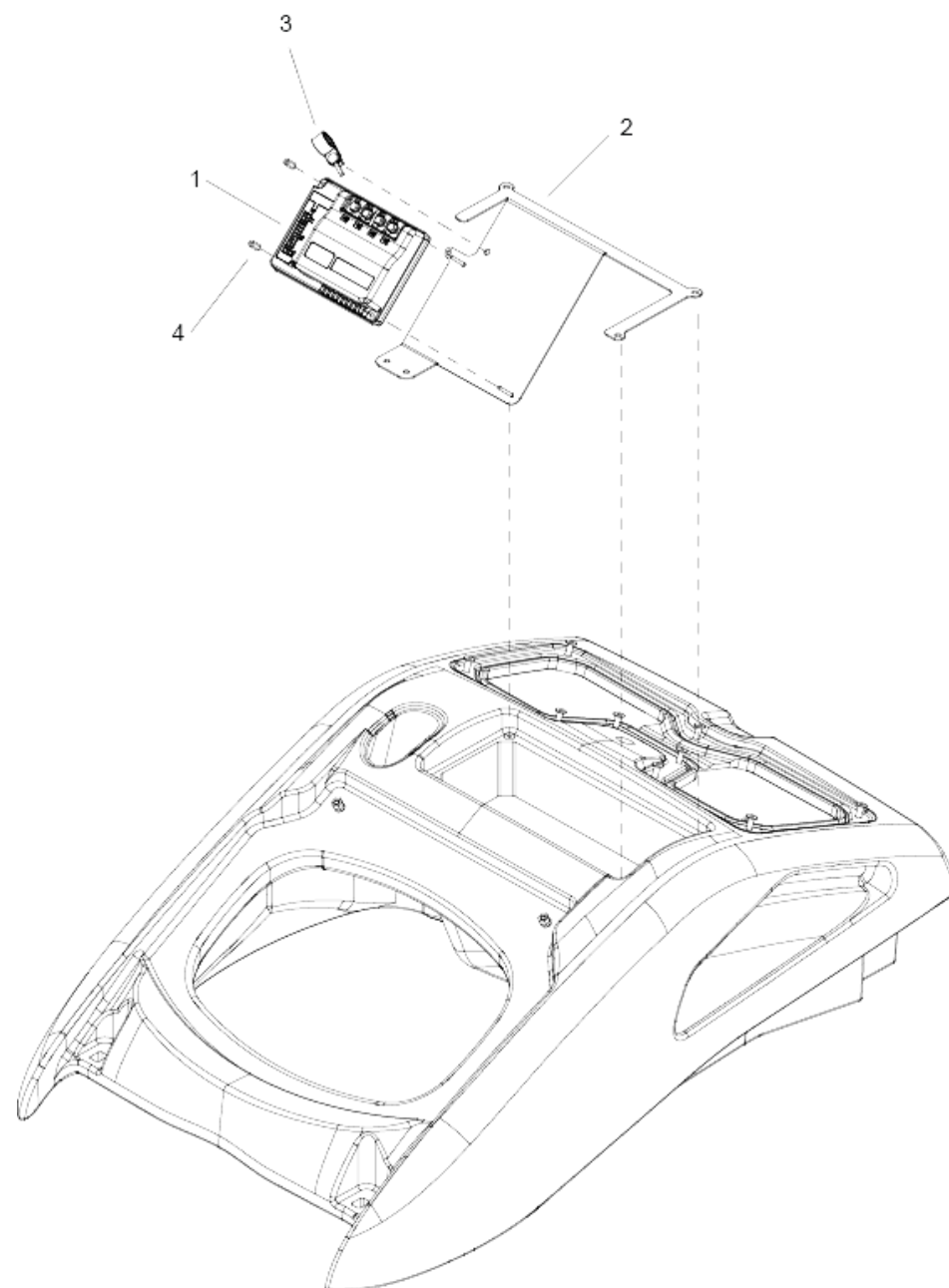
10 CONTROL PANEL LOWER

POS	Article no.	Description	Quantity	Unit	Serial number from	Remark
1	8.640-137.0	PANEL, CONTROLLER, CE26	1.000	ST		EXCEPT CE26LI
1	8.642-858.0	Panel lower CE26 lithium	1.000	ST		CE26LI ONLY
2	8.642-859.0	Plate CE26 heatsink lithium	1.000	ST		CE26LI ONLY
2	8.640-070.0	PLATE, HEATSINK, CE26	1.000	ST		EXCEPT CE26LI
3	8.642-860.0	Plate CE26 rear console lithium	1.000	ST		CE26LI ONLY
3	8.640-138.0	PLATE, REAR CONSOLE, CE26	1.000	ST		EXCEPT CE26LI
4	8.636-152.0	CLIP, CABLE ENTRY	4.000	ST		
5	8.636-142.0	HINGE, PANEL	1.000	ST		
6	8.636-089.0	GASKET, .188 X .31 X 24.0	1.000	ST		
7	8.636-088.0	COVER, CONTROL BOARD	1.000	ST		
8	8.636-902.0	BREAKER, 60 AMP 2-POLE	1.000	ST		
9	8.600-662.0	SCREW, 6-32 X .25 PHPNHMS SS	2.000	ST		
10	8.627-092.0	NUT, 6-32 HEX NYLOCK SS	4.000	ST		
11	8.627-526.0	SCREW, 4-40 X .5 PHPNHMS STL ZNPLT	2.000	ST		
12	8.625-591.0	STANDOFF, 1/4-20 X 1.0 HEX INS	1.000	ST		
14	8.600-685.0	SCREW, 1/4-20 X 1.25 SCHSET CP SS	1.000	ST		
15	8.600-571.0	NUT, 1/4-20 HEXSTRW LK STL ZNPLT	2.000	ST		
16	8.600-564.0	NUT, 10-32 HEX NYLOCK STL GR2 ZNPLT	2.000	ST		
17	8.600-676.0	SCREW, 5/16-18 X .75 HHCS	1.000	ST		
18	8.636-948.0	BRKT, CABLE ATTACHMENT	1.000	ST		
19	8.627-191.0	Nut 5/16-18 FLEX LK STL GRA ZNPLT	1.000	ST		
20	8.625-019.0	PLUG, DD .625 - .550	1.000	ST		
21	8.640-069.0	SPACER, .120, OD 1.0, ID .290	12.000	ST		
22	8.627-399.0	SCREW, 6-32 X .375 PHPNHMS SS	6.000	ST		
23	8.641-672.0	KIT, PCB REPLACEMENT, CE26 TELEMATICS	1.000	ST	(2*)	



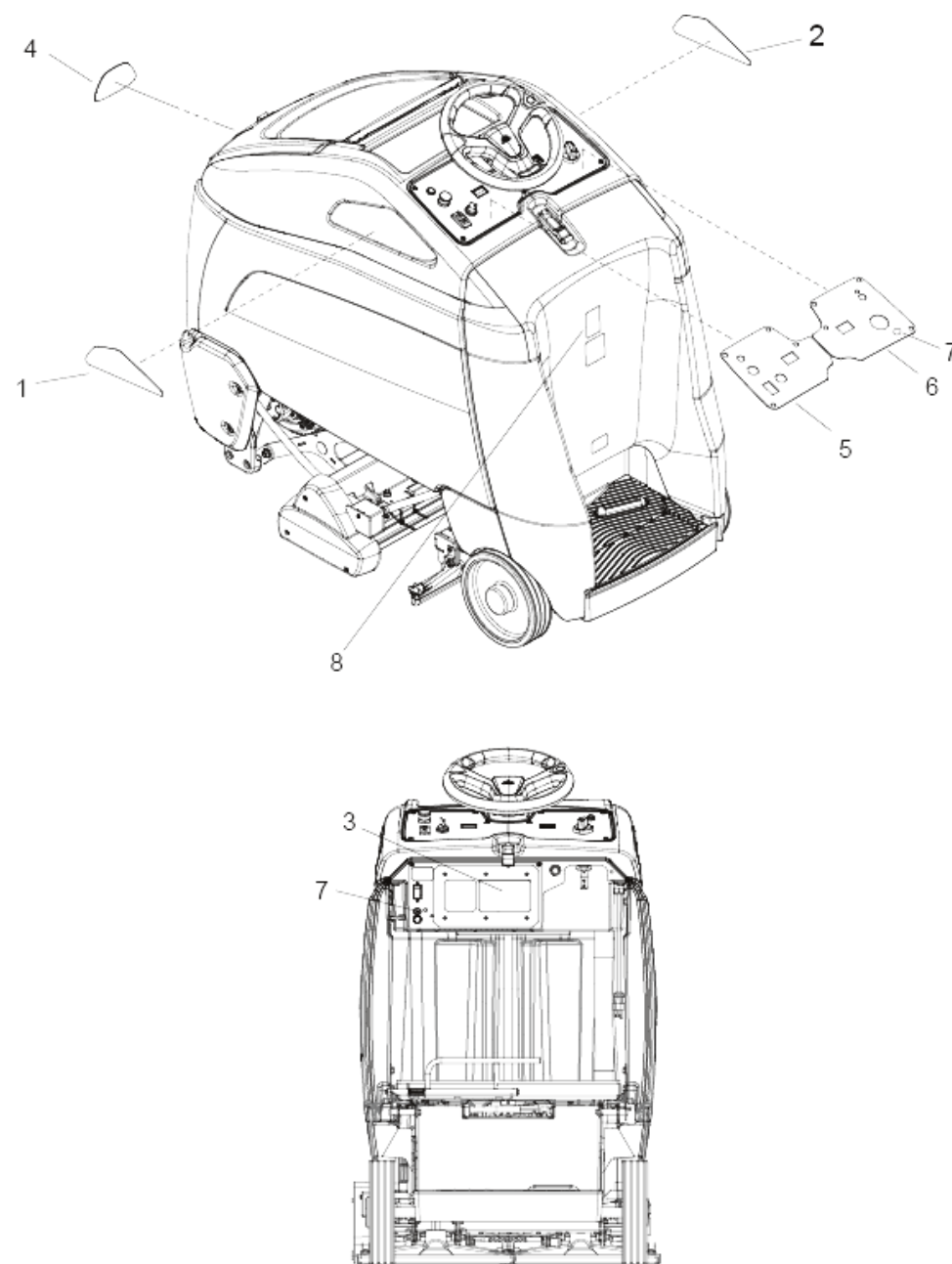
11 Control Panel Mounting

POS	Article no.	Description	Quantity	Unit
1	8.637-141.0	SCREW, 10-32 X .75 TMS SS BLK	12.000	ST
2	8.617-298.0	SCREW, KA50 X 10 OVHCS STL WN1412 ZNPLT	3.000	ST



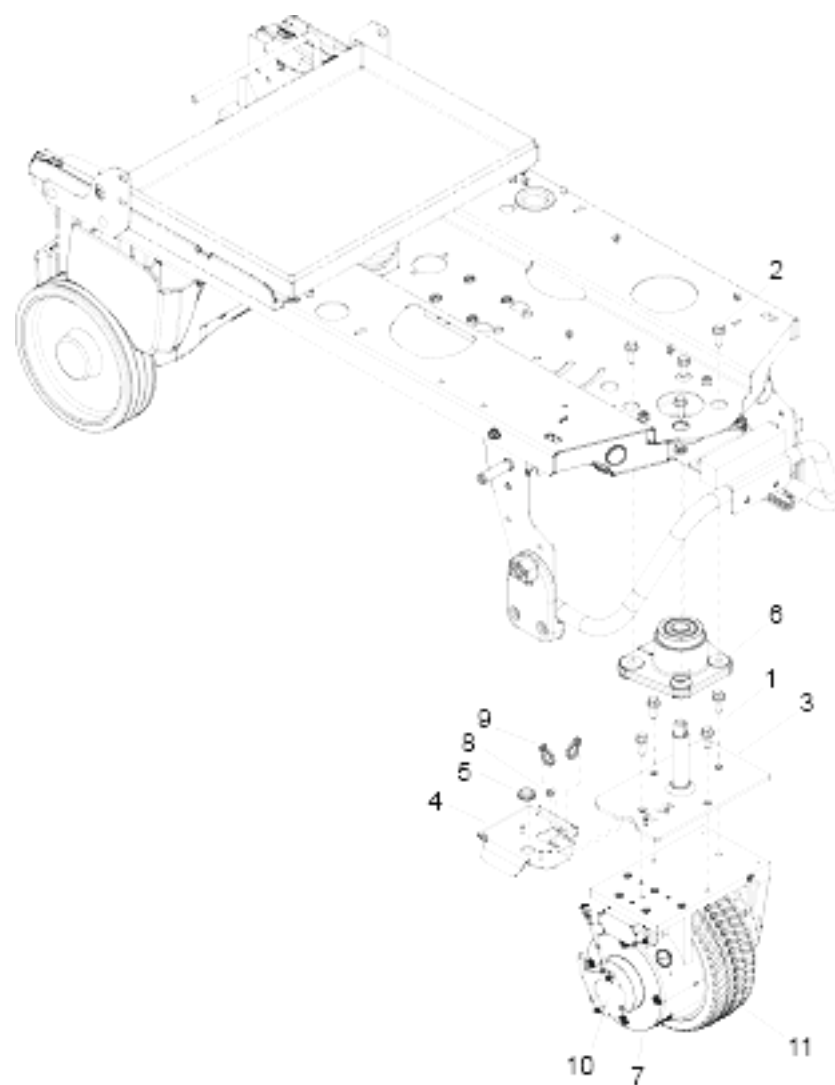
12 CONTROLLER

POS	Article no.	Description	Quantity	Unit	Serial number from	Remark
1	8.642-844.0	CONTROLLER, I-DRIVE CE26 LITHIUM	1.000	ST		CE26LI ONLY
1	8.640-017.0	CONTROLLER, I-DRV iEXTRACT 26, 36V, 140A	1.000	ST	(1*)	EXCEPT CE26LI
2	8.640-145.0	BRACKET, CONTROLLER CE26	1.000	ST		
3	8.636-123.0	CLAMP, PAN 3/4"	1.000	ST		
4	8.625-590.0	STANDOFF, 6-32 X 5/8 HEX NYL	2.000	ST		



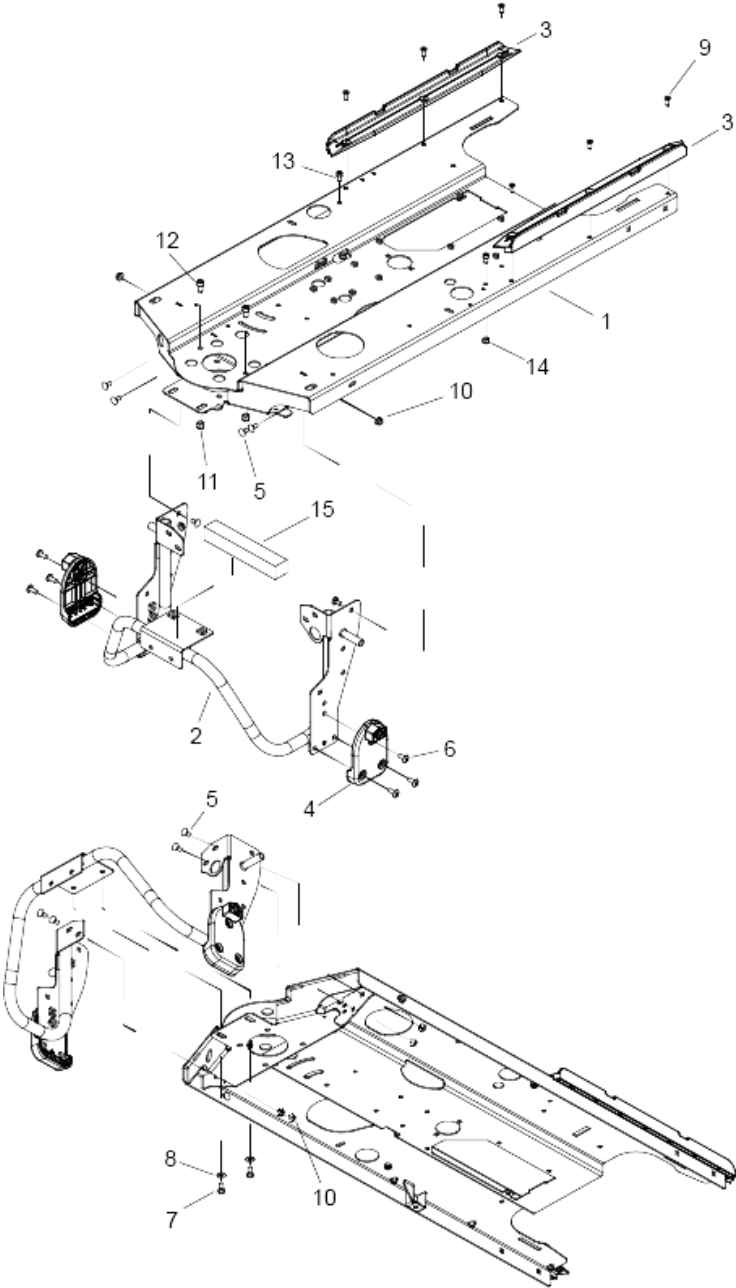
13 DECALS (0.250-116.0)

POS	Article no.	Description	Quantity	Unit	Remark
1	8.639-549.0	LABEL, IEXTRACT 26, SIDE, RIGHT	1.000	ST	
2	8.639-549.0	LABEL, IEXTRACT 26, SIDE, RIGHT	1.000	ST	
3	8.642-863.0	LABEL, WARNING, LITHIUM	1.000	ST	CE26LI ONLY
3	8.636-294.0	LABEL, BATTERY CABLING	1.000	ST	
4	8.639-540.0	LABEL, WINDSOR LOGO DOMED	1.000	ST	
5	8.639-541.0	LABEL, CS26, CONTROL, LEFT	1.000	ST	
6	8.639-551.0	LABEL, CONTROL RIGHT IEXTRACT 26	1.000	ST	
7	8.639-550.0	LABEL, OFF-AISLE, IEXTRACT 26	1.000	ST	OFF-AISLE ONLY
8	8.643-131.0	Label QR code iExtract 26 DUO	1.000	ST	



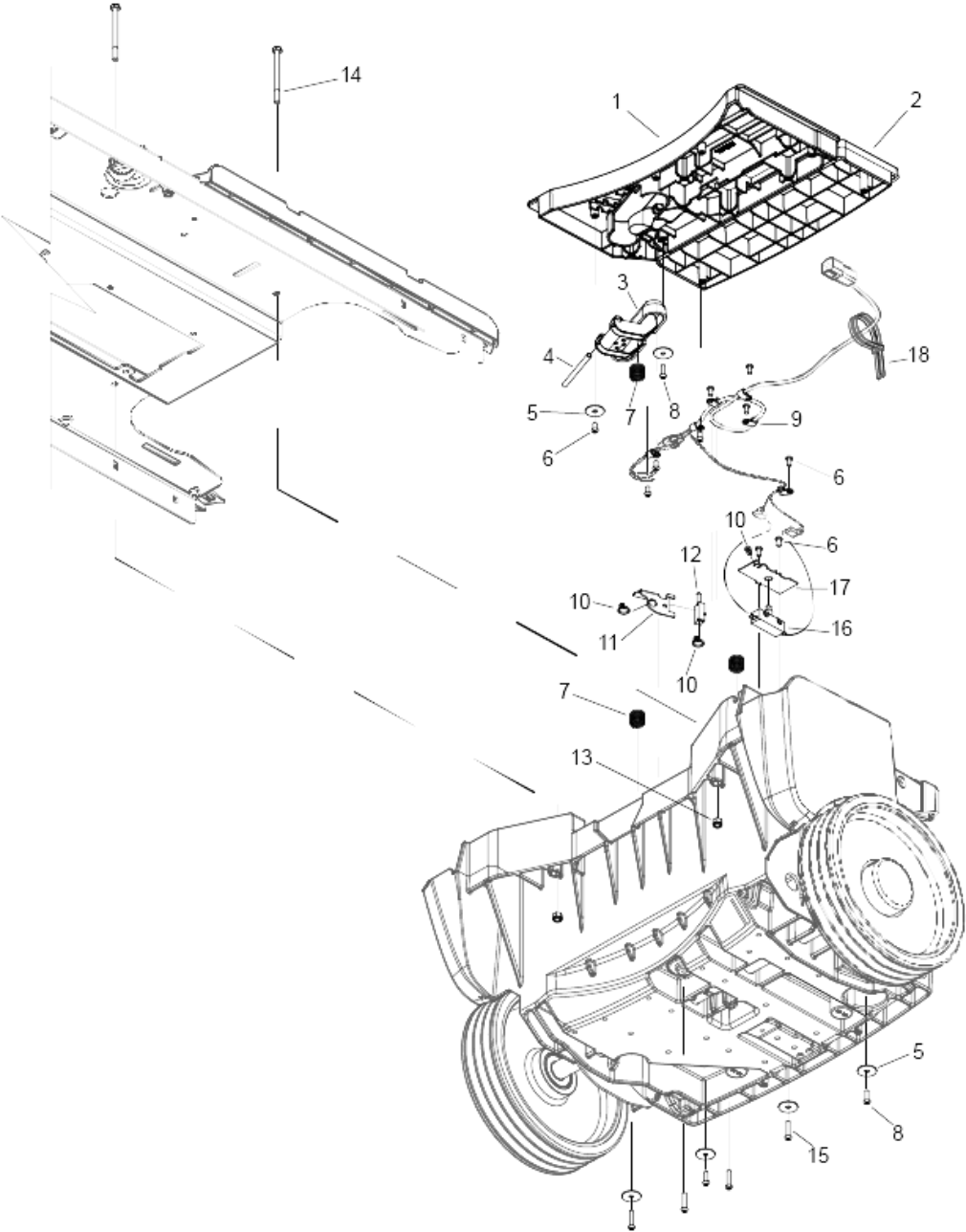
14 DRIVE MOUNTING

POS	Article no.	Description	Quantity	Unit	Remark
-	6.613-231.0	Carbon brush set	1.000	ST	
1	8.636-614.0	SCREW, M10-1.25 X 25 HWHCS	4.000	ST	
2	8.636-613.0	SCREW, 3/8-16 X 1 HWHCSSERFLG GR8	4.000	ST	
3	8.636-413.0	ASM, SHAFT DRIVE MOTOR	1.000	ST	
4	8.636-107.0	BRKT, WIRING, DRIVE UNIT	1.000	ST	
5	8.621-836.0	GROMMET, 3/4 ID X 7/8 GROOVE	1.000	ST	
6	8.635-787.0	ASM, BEARING BLOCK, FRT DRIVE	1.000	ST	COMPLETE
7	8.635-712.0	DRIVE WHEEL, 36VDC	1.000	ST	COMPLETE
8	8.627-099.0	NUT, 10-32 HEX NYLOCK SS	1.000	ST	
9	8.626-494.0	Cable tie 11.38" UL/CSA	3.000	ST	
10	8.635-713.0	BRAKE, 36 VDC	1.000	ST	
11	6.435-854.0	Tire wheel drive motor	1.000	ST	
12	8.642-603.0	O-RING, DRIVE MOTOR	1.000	ST	NOT SHOWN



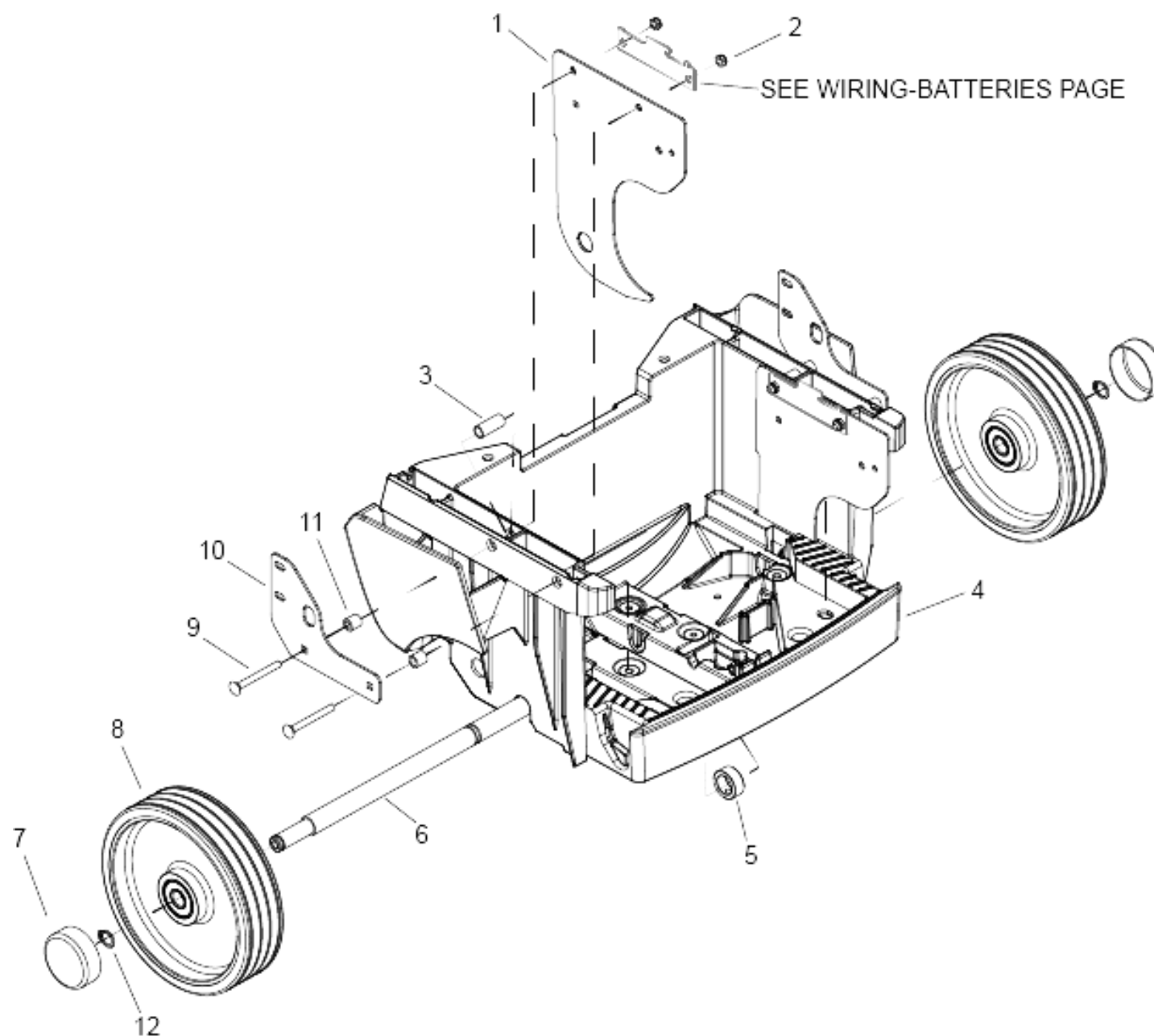
15 Frame

POS	Article no.	Description	Quantity	Unit
1	8.636-082.0	ASSY, MAIN SUPPORT, CS26	1.000	ST
2	8.636-071.0	ASM, WHEEL GUARD	1.000	ST
3	8.635-819.0	GLIDE, BATTERY TRAY	2.000	ST
4	8.635-795.0	PAD, TIP	2.000	ST
5	8.627-741.0	SCREW, 5/16-18 X .625 CARR SS	6.000	ST
6	8.627-689.0	SCREW, 5/16-18 X .75 PHTRHMS SS	6.000	ST
7	8.627-649.0	SCREW, 5/16-18 X .625 HHCS SS	2.000	ST
8	8.601-067.0	WASHER, 5/16 FLT SS	2.000	ST
9	8.640-081.0	SCREW, 1/4-20 X .75 PHFLHMS SS	6.000	ST
10	8.636-824.0	NUT, 5/16-18, FLG NYLOCK SS	6.000	ST
11	8.636-121.0	SCREW, 3/8-16 X .625 SCHCS STL BLKOX	2.000	ST
12	8.600-577.0	NUT, 3/8-16 HEX NYLOCK STL GR2 ZNPLT	2.000	ST
13	8.600-664.0	SCREW, 5/16-18 X .5 SCHCS ZN NP	2.000	ST
14	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
15	8.636-873.0	FOAM,ADH BACKED 1-SIDE,6X11/2X11/2	1.000	ST



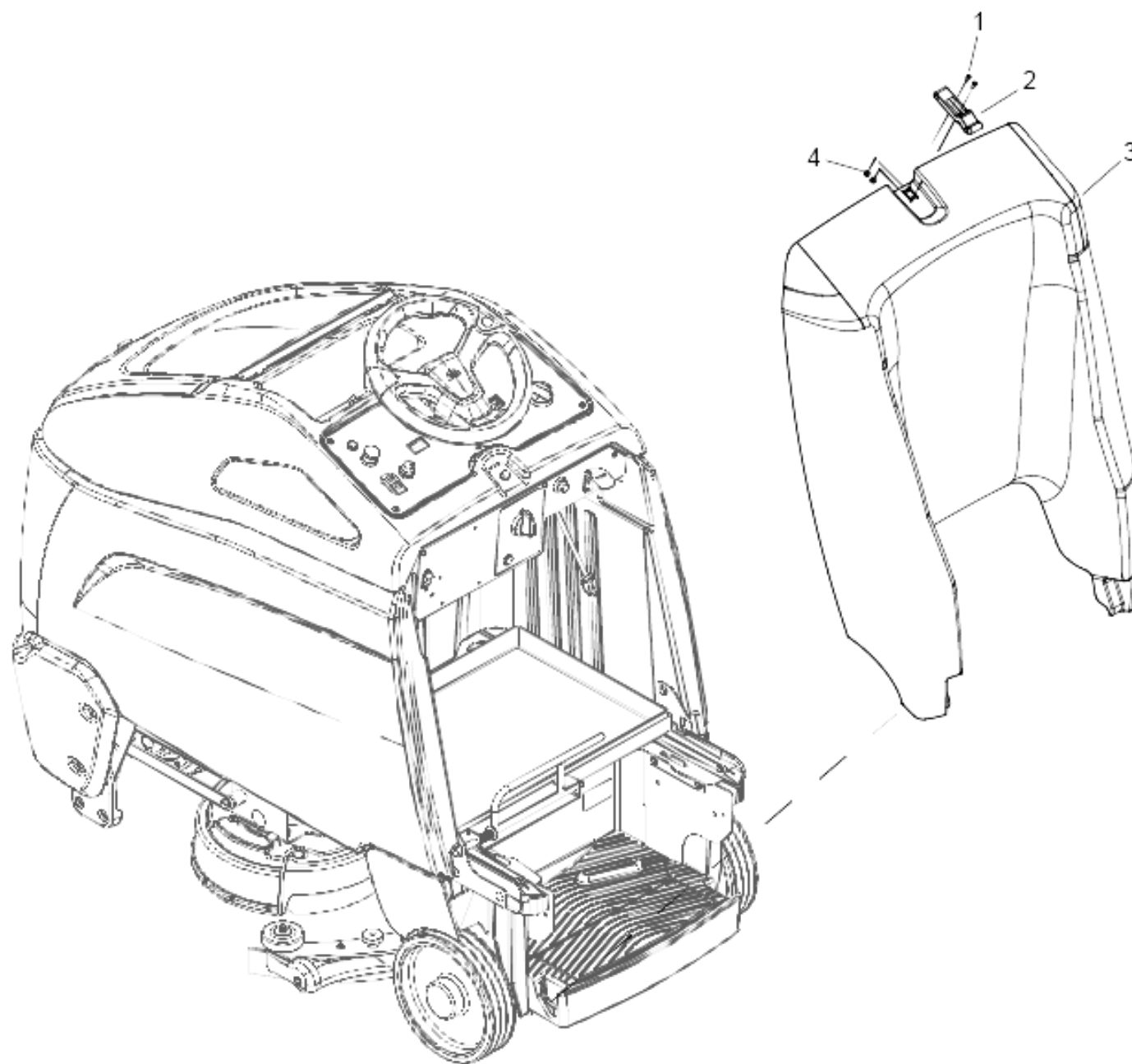
16 Platform

POS	Article no.	Description	Quantity	Unit
1	8.639-967.0	PLATFORM, OPERATOR, BLK	1.000	ST
2	8.633-424.0	PEDAL, HEEL, BLK	1.000	ST
3	8.633-469.0	PEDAL, ACCELERATOR, YEL	1.000	ST
4	8.636-117.0	PIN, DOWEL, 1/4 X 3.125 STL	1.000	ST
5	8.627-917.0	WASHER, 10 FLT	6.000	ST
6	8.617-298.0	SCREW, KA50 X 10 OVHCS STL WN1412 ZNPLT	10.000	ST
7	8.625-497.0	SPRING, COMP 18MMOD X 83 X 2	3.000	ST
8	7.303-104.0	Screw 5x16 -A2-70 (IN6RD)	3.000	ST
9	8.619-844.0	CLAMP, 1/4 PLASTIC CABLE	6.000	ST
10	8.626-493.0	CABLE TIE, 3.5" UL/CSA	2.000	ST
11	8.636-106.0	BRKT, POT. ACCEL PEDAL	1.000	ST
12	8.631-156.0	POTENTIOMETER ASM, LINEAR	1.000	ST
13	8.600-581.0	NUT, 1/4-20 HEX NYLOCK SS	2.000	ST
14	8.600-701.0	SCREW, 1/4-20 X 3.25 HHCS STL GR5 ZNPLT	2.000	ST
15	8.632-791.0	SCREW, KA50 X 25 PTOVHS STL WN1412 ZNPLT	4.000	ST
16	8.600-711.0	Switch 25A SPST 125-250V SNAP	1.000	ST
17	8.636-116.0	PLATE, SWITCH COVER	1.000	ST
18	8.626-494.0	Cable tie 11.38" UL/CSA	2.000	ST



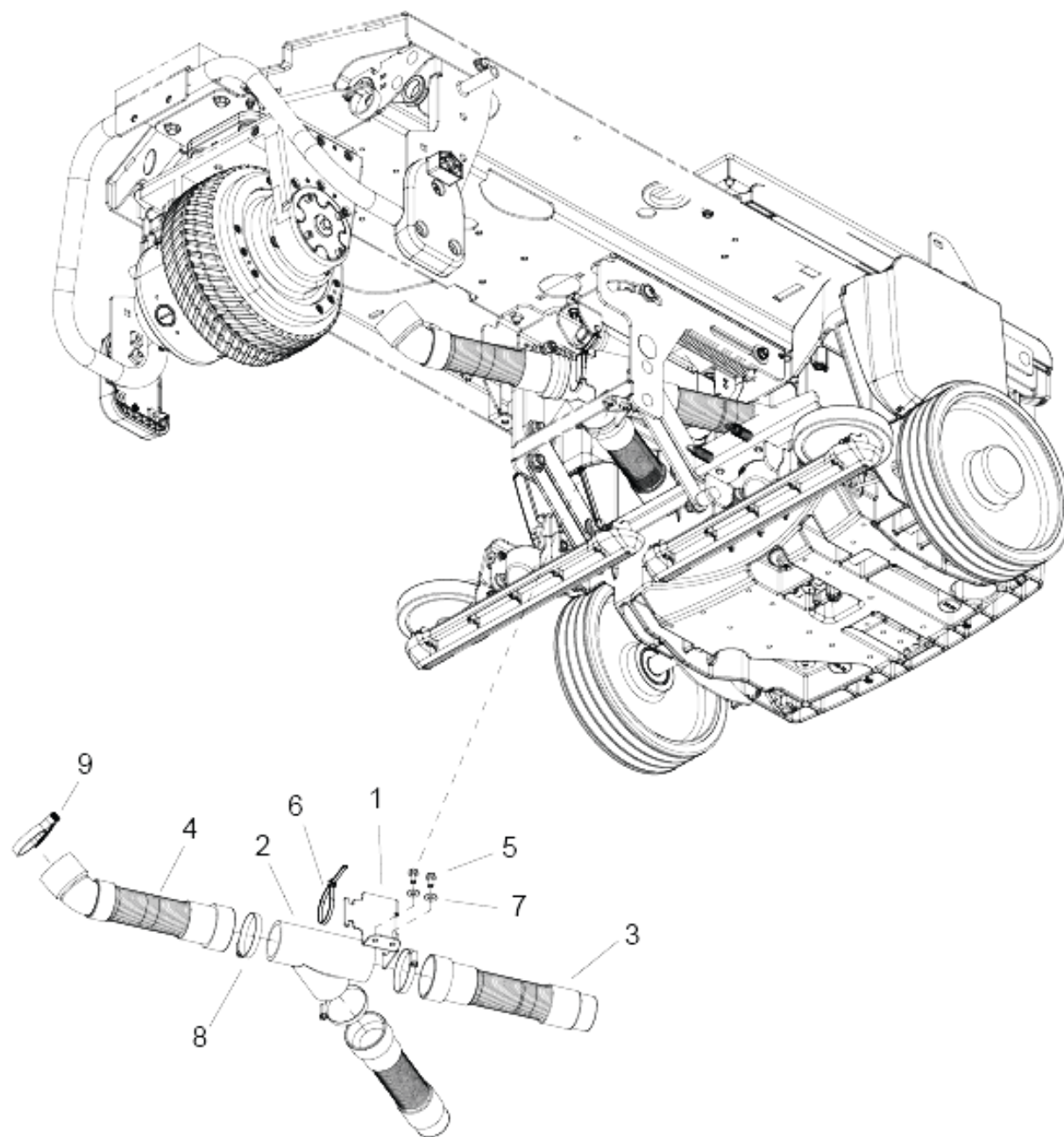
17 Platform Footbox & Rear Wheels

POS	Article no.	Description	Quantity	Unit
1	8.636-113.0	PLATE, PLATFORM SUPPORT	2.000	ST
2	8.627-184.0	NUT, 5/16-18 HEXTHIN NYLOCK SS	4.000	ST
3	8.636-114.0	SPACER, 1.50 X .625OD X .065" WALL	4.000	ST
4	8.639-962.0	FOOTBOX, OPERATOR PLATFORM	1.000	ST
5	8.636-112.0	COLLAR, SHFT 1"ID X 1-5/8"OD X 5/8"	1.000	ST
6	8.635-799.0	AXLE, REAR	1.000	ST
7	8.623-213.0	Cap 2.75 ID X 1.0 L BLK VINYL	2.000	ST
8	8.633-552.0	Wheel 10x 2.5	2.000	ST
9	8.632-649.0	SCREW, 5/16-18 X 3 CARR SS	4.000	ST
10	8.636-115.0	PLATE, TANK SUPPORT	2.000	ST
11	8.622-432.0	SPACER, .63 OD X .385ID X .64L	4.000	ST
12	8.600-871.0	WASHER, 3/4 HVYSPL	2.000	ST



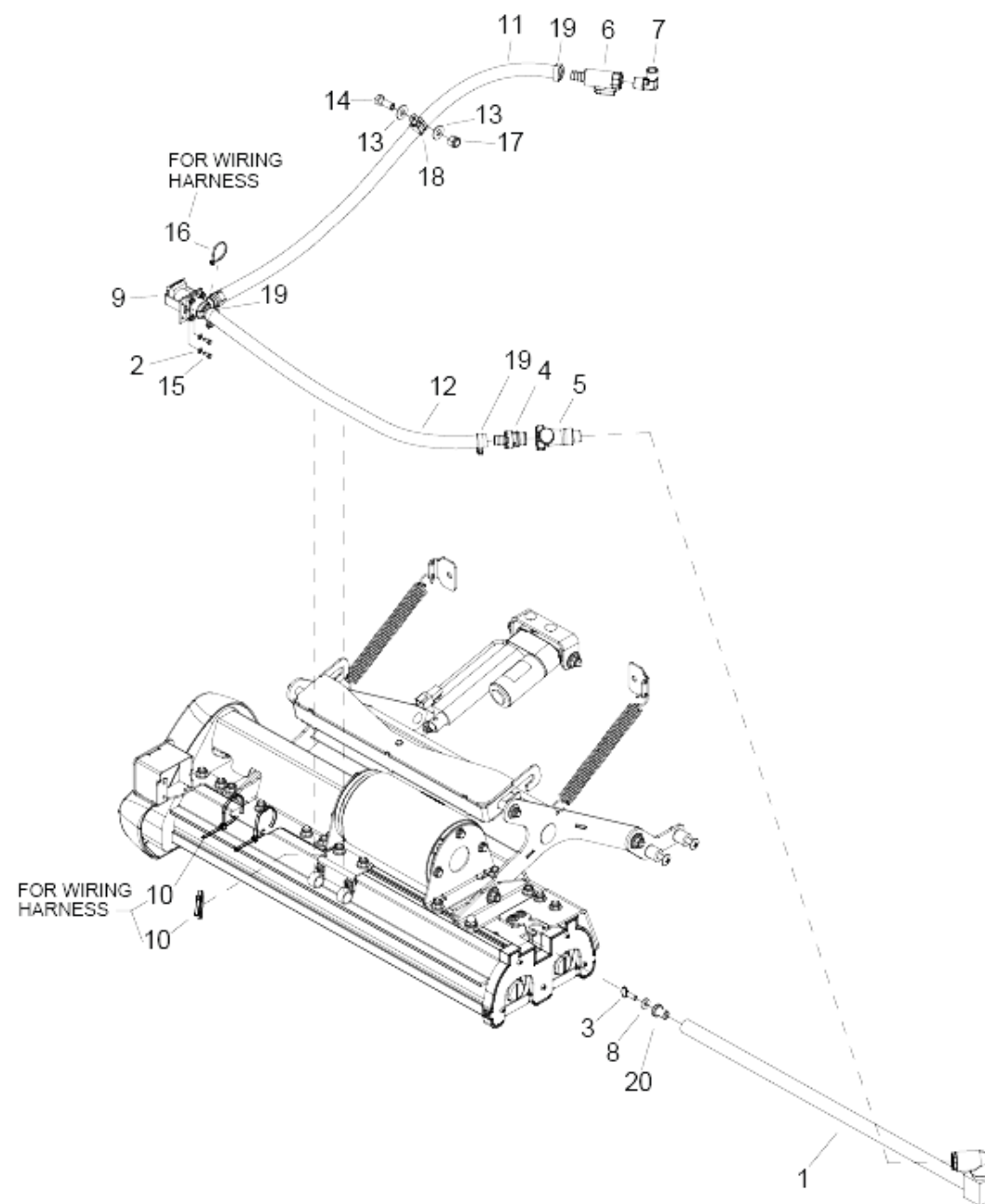
18 Rear Cover

POS	Article no.	Description	Quantity	Unit
1	8.627-762.0	SCREW, 8-32 X .5 HHCS SS	2.000	ST
2	8.616-180.0	LATCH & CONCEALED KEEPER	1.000	ST
3	8.639-996.0	PANEL, REAR COVER, BLK	1.000	ST
4	8.627-202.0	NUT, 8-32 HEXTHIN NYLOCK SS	2.000	ST



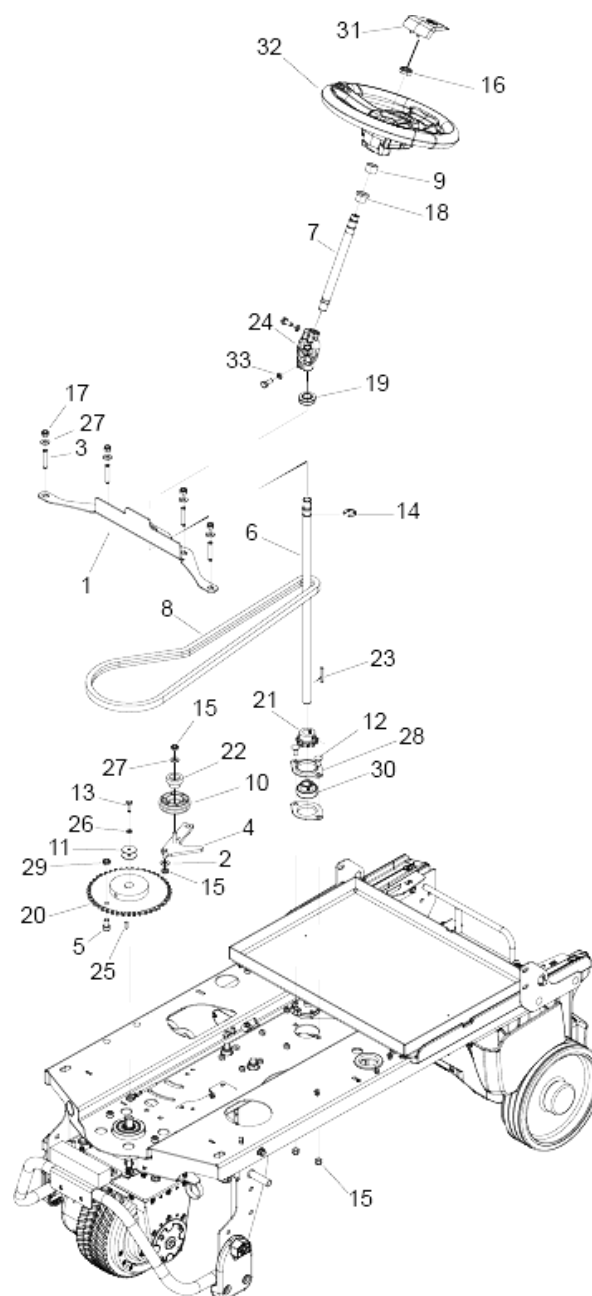
19 RECOVERY

POS	Article no.	Description	Quantity	Unit
1	8.637-206.0	BRACKET, Y TUBE	1.000	ST
2	8.637-205.0	FITTING, PVC Y TUBE 1.25"	1.000	ST
3	8.637-203.0	HOSE ASM, 1.5" BLK VAC	2.000	ST
4	8.637-202.0	HOSE ASM, 1.5" BLK VAC	1.000	ST
5	8.627-383.0	SCREW, 1/4-20 X .5 HHCS SS NP	2.000	ST
6	8.626-494.0	Cable tie 11.38" UL/CSA	1.000	ST
7	8.601-063.0	WASHER, 1/4 SS	2.000	ST
8	8.600-238.0	Clamp 2.25" WORM GEAR	3.000	ST
9	8.636-553.0	CLAMP, RACHET, 2.13D	1.000	ST



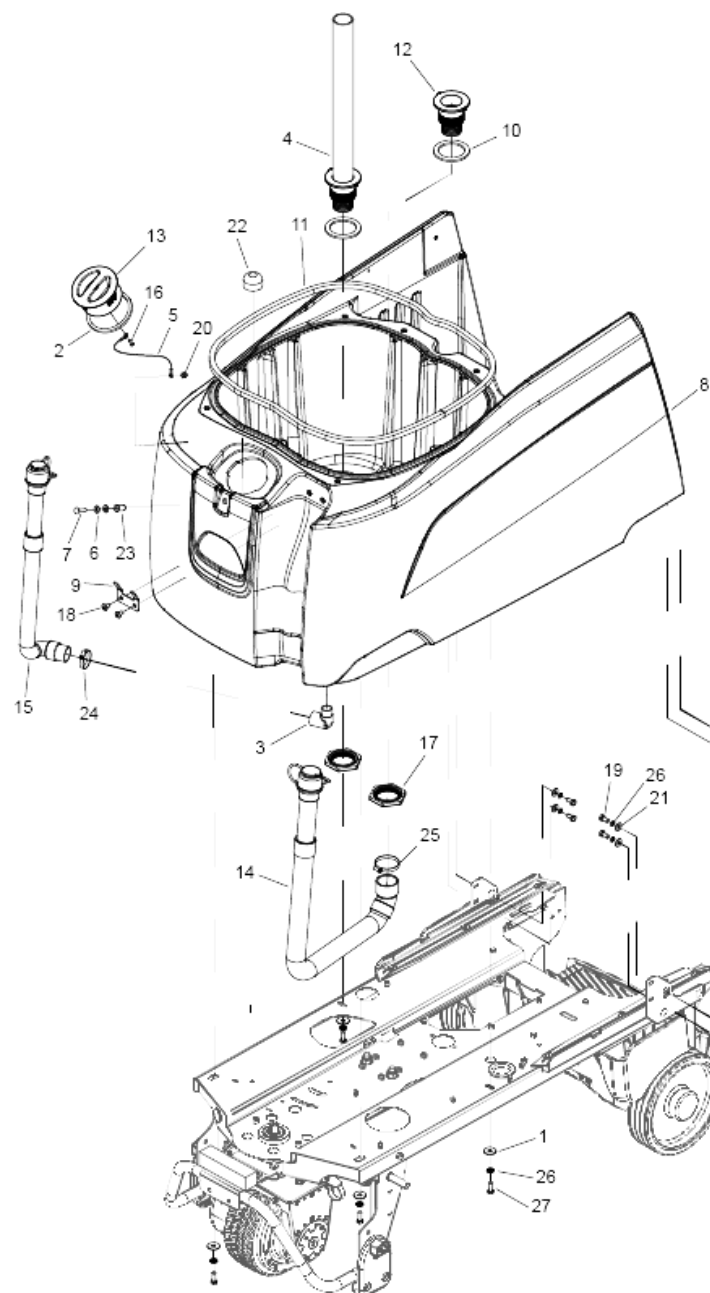
20 SOLUTION SYSTEM

POS	Article no.	Description	Quantity	Unit
1	8.637-300.0	MANIFOLD ASM, IEXTRACT 26	1.000	ST
2	8.613-485.0	WASHER, M4 SPRL SS DIN127B	2.000	ST
3	8.637-188.0	SCREW, 1/4-20 x .75 THUMB SS	1.000	ST
4	8.637-188.0	SCREW, 1/4-20 x .75 THUMB SS	1.000	ST
5	8.637-185.0	COUPLING, QD, 3/8 NPT	1.000	ST
6	8.637-184.0	VALVE, BALL, 3/8FPTx1/2BARB	1.000	ST
7	8.637-183.0	ELBOW, 3/8MPTx3/8MPT, 90DEG, BRASS	1.000	ST
8	8.601-067.0	WASHER, 5/16 FLT SS	1.000	ST
9	8.636-610.0	VALVE, 36V SOL, 1/2 BARB	1.000	ST
10	8.626-494.0	Cable tie 11.38" UL/CSA	3.000	ST
11	8.628-236.0	HOSE, 1/2 WIREBOUND X 28"	1.000	ST
12	8.628-091.0	HOSE, 1/2ID WIRE BOUND X 23"	1.000	ST
13	8.627-891.0	WASHER, 3/8 SS	2.000	ST
14	8.627-692.0	SCREW, 3/8-16 X 1 HHCS SS NP	1.000	ST
15	8.627-622.0	SCREW, 8-32 X 3/8" HHCS SS	2.000	ST
16	8.626-493.0	CABLE TIE, 3.5" UL/CSA	1.000	ST
17	8.627-193.0	NUT HEX NYL LOC 3/8-16	1.000	ST
18	8.623-341.0	CLAMP, 3/4 DIA CUSHION .406DIA	1.000	ST
19	8.623-315.0	CLAMP, 3/8 HOSE (D-SLOT)	4.000	ST
20	8.618-905.0	NUT, 1/4-20 X .031-.187PR WELL NPRN	1.000	ST



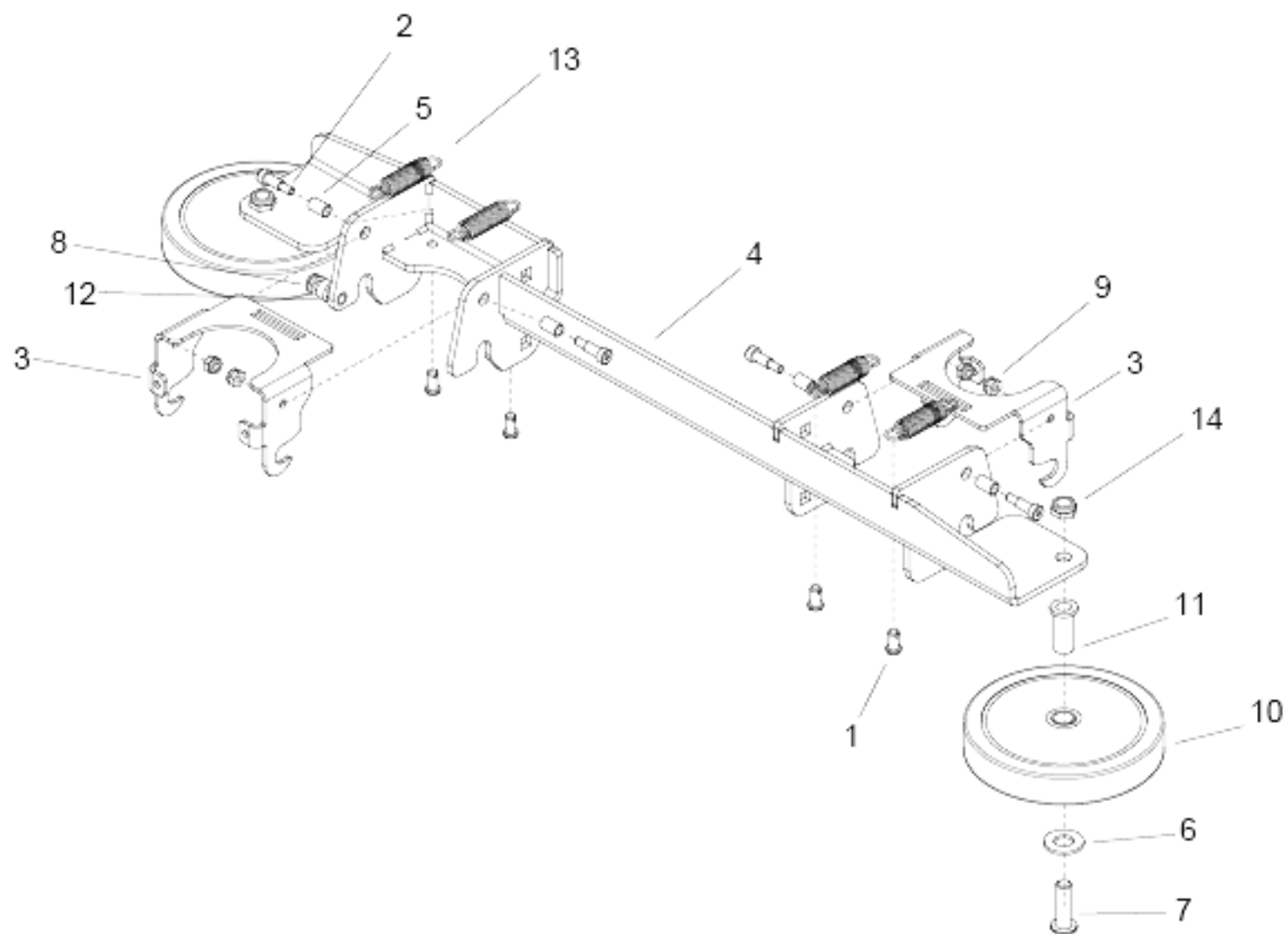
21 STEERING

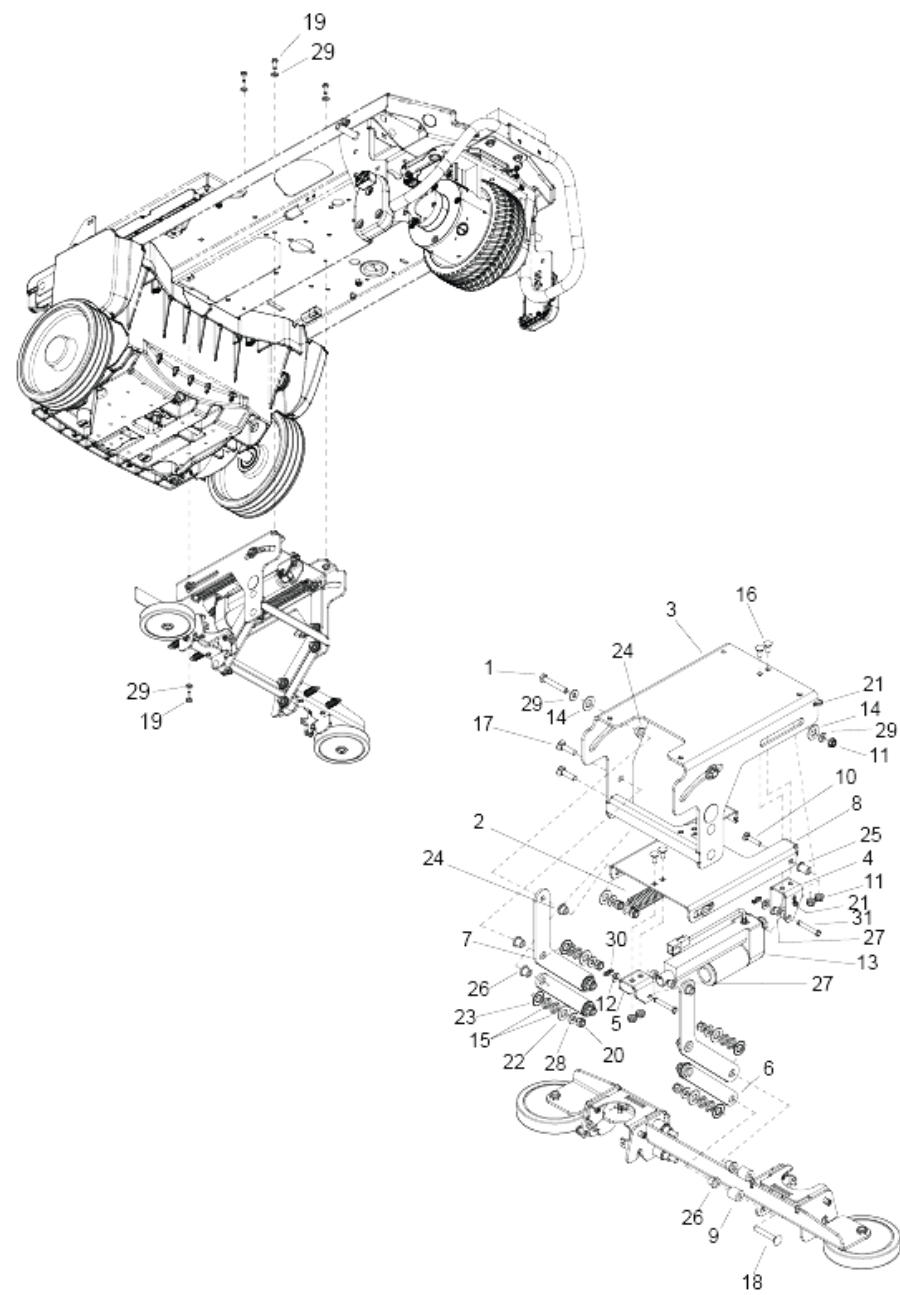
POS	Article no.	Description	Quantity	Unit
1	8.637-295.0	BRKT, STEERING	1.000	ST
2	8.636-725.0	WASHER, .344 X 1.13 X .09 SS	1.000	ST
3	8.627-808.0	SCREW, 5/16-18 X 1.75 SCHSET CP SS	4.000	ST
4	8.636-137.0	ASM, TENSIONER PLATE	1.000	ST
5	8.636-121.0	SCREW, 3/8-16 X .625 SCHCS STL BLKX	1.000	ST
6	8.635-840.0	SHAFT, LOWER STEERING 2.1"	1.000	ST
7	8.635-839.0	SHAFT, UPPER STEERING 9.1"	1.000	ST
8	8.635-838.0	CHAIN,12.7MM PITCH, 118 ROLLER	1.000	ST
9	8.633-395.0	BUSHING, .751 D X 1 X .625 FLG	1.000	ST
10	8.633-072.0	CHAIN TENSIONER	1.000	ST
11	8.627-894.0	WASHER, 1/4 STL ZNPLT	2.000	ST
12	8.627-741.0	SCREW, 5/16-18 X .625 CARR SS	2.000	ST
13	8.627-433.0	SCREW, M6 X 20 HHMS ZNPLT	1.000	ST
14	8.627-290.0	RING, 3/4" KLIP	1.000	ST
15	8.627-184.0	NUT, 5/16-18 HEXTHIN NYLOCK SS	5.000	ST
16	8.627-161.0	NUT, 5/8-18 HEXTHIN NYLOCK STL GR2 ZNPLT	1.000	ST
17	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	4.000	ST
18	8.622-879.0	BUSHING, .753 X .875 X .75 FLG	1.000	ST
19	8.622-867.0	BEARING, 3/4 FLG	1.000	ST
20	8.622-481.0	SPROCKET, DRIVE WHEEL STEERING	1.000	ST
21	8.622-480.0	SPROCKET, STEERING SHAFT	1.000	ST
22	8.622-427.0	SLEEVE, CHAIN TENSIONER	1.000	ST
23	8.621-965.0	KEY, 5MM SQ X 39MM L	1.000	ST
24	8.621-960.0	Joint bush	1.000	ST
25	8.613-597.0	KEY, 3/16 X 3/16 X .625 LCSTL	1.000	ST
26	8.601-078.0	WASHER, 1/4 SPL STL ZNPLT	1.000	ST
27	8.601-067.0	WASHER, 5/16 FLT SS	5.000	ST
28	8.600-861.0	Flanged bearing PRESS STEEL	2.000	ST
29	8.600-563.0	NUT, 3/8-16 HEXTHIN NYLOCK SS	1.000	ST
30	8.600-103.0	BEARING, 3/4 SPH BALL	1.000	ST
31	6.640-353.0	Cap steering wheel KÄRCHER	1.000	ST
32	6.435-799.0	Steering wheel	1.000	ST
33	8.627-913.0	WASHER, 5/16 SPLT STL ZNPLT	2.000	ST



22 Tank

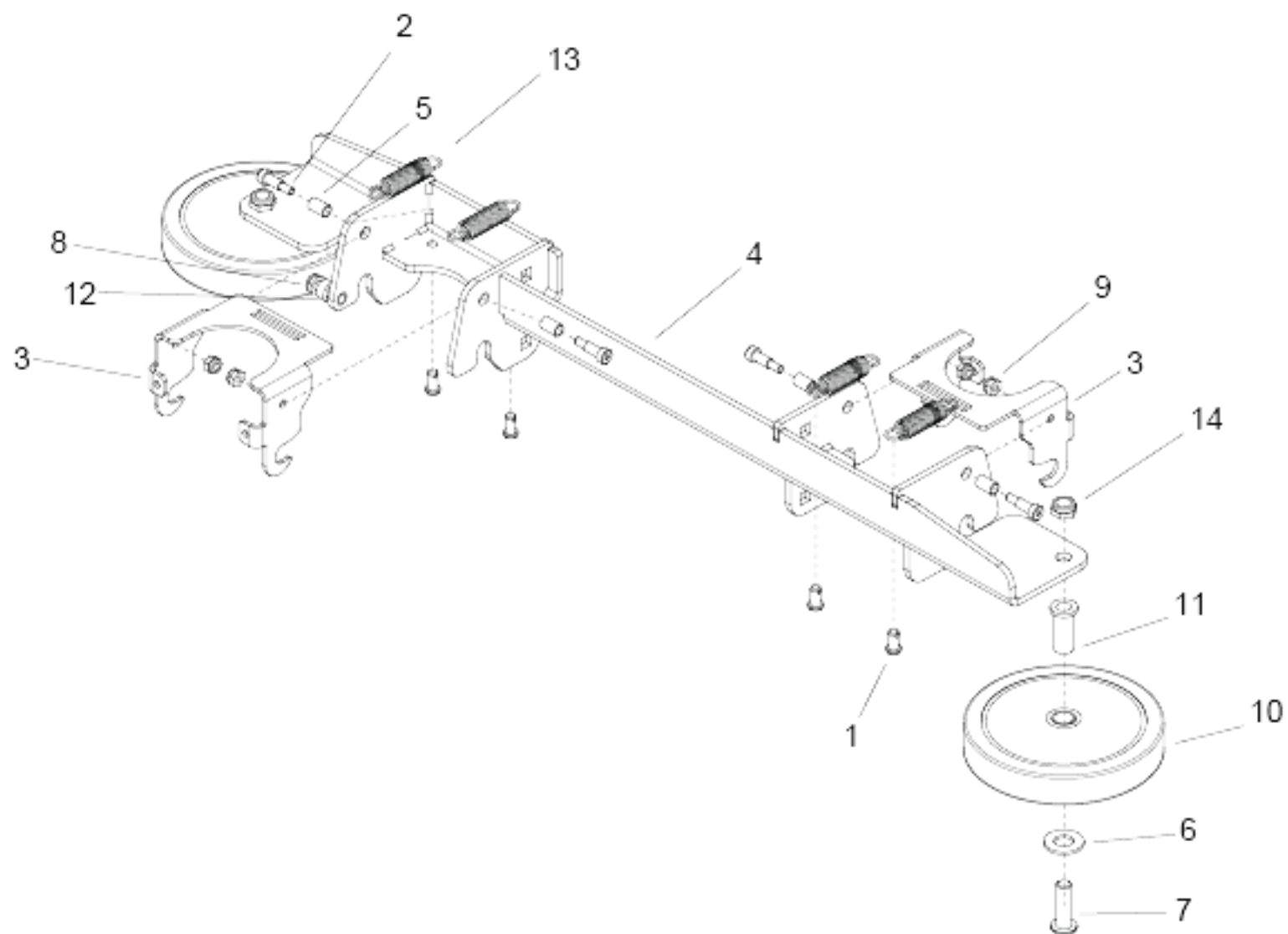
POS	Article no.	Description	Quantity	Unit
1	8.636-725.0	WASHER, .344 X 1.13 X .09 SS	4.000	ST
2	8.636-645.0	GASKET, SOLUTION FILL	1.000	ST
3	8.636-238.0	ELBOW, PVC 3/4M X SOC SCH 40	1.000	ST
4	8.636-192.0	TUBE, ASM, RECOVERY INLET	1.000	ST
5	8.636-178.0	LANYARD, 12" SS	1.000	ST
6	8.636-177.0	WASHER, 1/4 FLT SS	2.000	ST
7	8.636-176.0	SCREW, 1/4-20 X 1.25 RDHCARR SS	1.000	ST
8	8.639-977.0	TANK, GRAY, CS26	1.000	ST
9	8.636-065.0	BRKT, HOSE RETENTION	1.000	ST
10	8.636-064.0	GASKET, 3.30 X 2.45 X .188	2.000	ST
11	8.636-063.0	GASKET, MAIN TANK	1.000	ST
12	8.635-906.0	BULKHEAD FITTING	1.000	ST
13	8.639-380.0	CAP, FRESH WATER, YLW	1.000	ST
14	8.635-427.0	HOSE, RECOVERY DRAIN	1.000	ST
15	8.635-395.0	HOSE, SOLUTION DRAIN	1.000	ST
16	7.303-104.0	Screw 5x16 -A2-70 (IN6RD)	1.000	ST
17	8.631-408.0	NUT, DRAIN FITTING	2.000	ST
18	8.627-748.0	SCREW, 5/16-18 X .5 PHTRHMS SS	2.000	ST
19	8.627-649.0	SCREW, 5/16-18 X .625 HHCS SS	4.000	ST
20	8.627-194.0	NUT, 1/4-20 ACORN SS	1.000	ST
21	8.601-067.0	WASHER, 5/16 FLT SS	4.000	ST
22	8.600-797.0	Strainer 3/8 IN. NPT 60 MESH	1.000	ST
23	8.600-562.0	NUT, 1/4-20 WELL	1.000	ST
24	8.600-239.0	Clamp 1.75" WORM GEAR X .312	1.000	ST
25	8.600-238.0	Clamp 2.25" WORM GEAR	1.000	ST
26	8.627-913.0	WASHER, 5/16 SPLT STL ZNPLT	8.000	ST
27	8.627-678.0	SCREW, 5/16-18 X .75 HHCS SS	4.000	ST





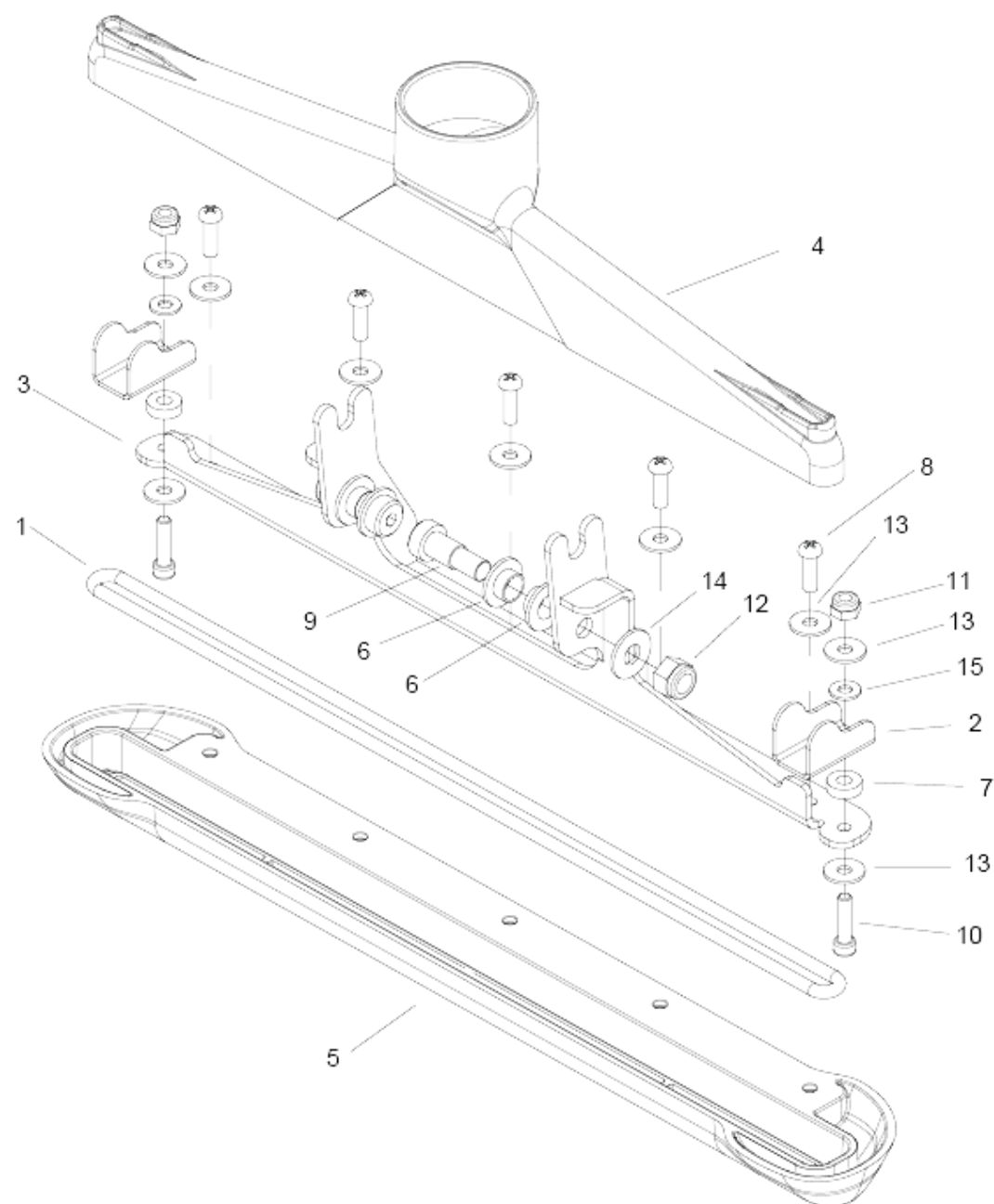
23 VACUUM SHOE LIFT

POS	Article no.	Description	Quantity	Unit
1	8.637-360.0	SCREW, 5/16-18 X 2 HHMS SS	2.000	ST
2	8.637-209.0	SPRING, EXT, 1.0 OD X 6.5L X .125W	2.000	ST
3	8.637-166.0	BRKT, LIFT MOUNT	1.000	ST
4	8.637-164.0	BRKT, ACTR MT, REAR	1.000	ST
5	8.637-163.0	BRKT, ACTR MT, FRT	1.000	ST
6	8.637-162.0	PLATE, LIFT LINK	2.000	ST
7	8.637-161.0	PLATE, LIFT ARM	2.000	ST
8	8.637-160.0	BRKT, SPRING CARRIAGE	1.000	ST
9	8.637-012.0	SPACER, .319DX.75DX.75L,AL	4.000	ST
10	8.636-176.0	SCREW, 1/4-20 X 1.25 RDHCARR SS	2.000	ST
11	8.636-031.0	NUT, 1/4-20 FLG NYLOCK SS	6.000	ST
12	8.635-135.0	WASHER, .260 X .625 X .03 FLT NYL BLK	2.000	ST
13	8.632-088.0	ACT, 36VDC, 3.0" STK, 8.74 LNG	1.000	ST
14	8.627-938.0	WASHER, .518 X 1 X .08 NYL FLT	6.000	ST
15	8.627-935.0	WASHER, 1/2 X .771 X .013 WV	16.000	ST
16	8.627-750.0	SCREW, 1/4-20 X .625 CARR SS	4.000	ST
17	8.627-703.0	SCREW, 5/16-18 X 1.25 CARR SS	4.000	ST
18	8.627-671.0	SCREW, 5/16-18 X 2 CARR SS	4.000	ST
19	8.627-378.0	SCREW, 1/4-20 X .75 HHCS SS NP	4.000	ST
20	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	12.000	ST
21	8.626-493.0	CABLE TIE, 3.5" UL/CSA	2.000	ST
22	8.625-942.0	WASHER, .510 X 1 THR	8.000	ST
23	8.625-941.0	WASHER, .51 X 10 X .063 THR	8.000	ST
24	8.622-899.0	BUSHING, .314 X .502 X .375 FLG BRZ	4.000	ST
25	8.622-890.0	BUSHING, .252 X .503 X .75 FLG	2.000	ST
26	8.622-884.0	BUSHING, .314 X .502 X .5 FLG	8.000	ST
27	8.620-151.0	WASHER, 1/4 X .5 X .25 NYL	6.000	ST
28	8.601-067.0	WASHER, 5/16 FLT SS	12.000	ST
29	8.601-063.0	WASHER, 1/4 SS	6.000	ST
30	8.600-865.0	PIN, COTTER RING 1/4 X .041 X .844	2.000	ST
31	8.600-625.0	PIN, CLEVIS 1/4 X 1.75 STL ZNPLT	2.000	ST



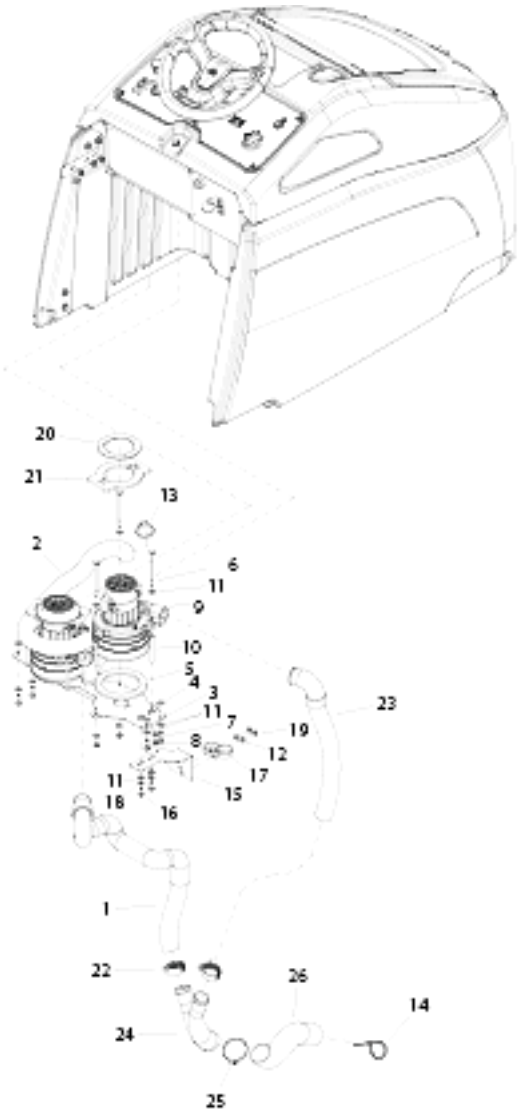
24 VACUUM SHOE MOUNTING

POS	Article no.	Description	Quantity	Unit
1	8.637-437.0	PIN, CLEVIS 1/4 X .50 SS	4.000	ST
2	8.637-362.0	SHOULDER BOLT, 1/4 X .5L SS	4.000	ST
3	8.637-182.0	BRKT, VAC SHOE LATCH	2.000	ST
4	8.637-181.0	BRKT, VAC SHOE MOUNT	1.000	ST
5	8.634-660.0	Spacer .3200Dx.257IDx.505L NY	4.000	ST
6	8.627-938.0	WASHER, .518 X 1 X .08 NYL FLT	2.000	ST
7	8.627-686.0	SCREW, 3/8-16 X 1.75 SCHBTNHCS SS	2.000	ST
8	8.627-187.0	NUT, 1/4-20 HEXTHIN NYLOCK SS	2.000	ST
9	8.627-177.0	NUT, 10-24 HEX NYLOCK SS	4.000	ST
10	8.625-977.0	WHEEL, 5"D X 1~ X .5~ID GRY	2.000	ST
11	8.622-891.0	BUSHING, .377 X .502 X 1.25 FLG BRZ	2.000	ST
12	8.620-151.0	WASHER, 1/4 X .5 X .25 NYL	2.000	ST
13	8.600-769.0	Spring EXT .50D X2.25L X.063W	4.000	ST
14	8.600-563.0	NUT, 3/8-16 HEXTHIN NYLOCK SS	2.000	ST



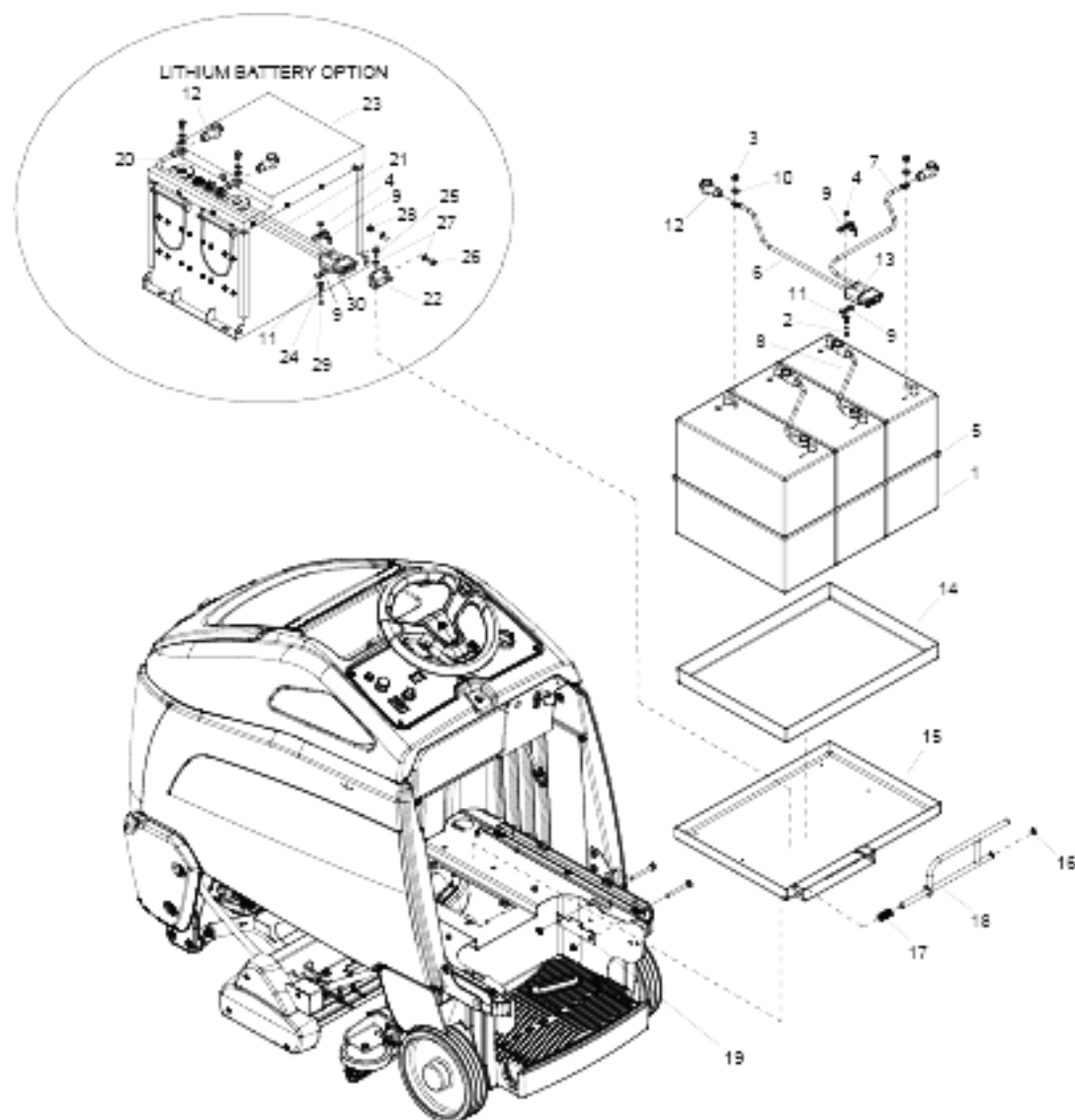
25 VACUUM SHOE

POS	Article no.	Description	Quantity	Unit
1	8.637-177.0	O-RING, 3/16 DIA X 9.5 DIA FOAM	1.000	ST
2	8.637-167.0	LATCH, VAC SHOE	2.000	ST
3	8.637-076.0	BRACKET, VAC SHOE	1.000	ST
4	8.637-068.0	COVER, VACUUM SHOE	1.000	ST
5	8.637-067.0	BASE, VACUUM SHOE	1.000	ST
6	8.634-791.0	SPACER. FLG .375ID x .44OD, NYL	4.000	ST
7	8.637-365.0	SPACER, .192 X .500 X .188, NYL	2.000	ST
8	7.303-104.0	Screw 5x16 -A2-70 (IN6RD)	5.000	ST
9	8.627-836.0	SHOULDER BOLT, 3/8 X .5L SS	2.000	ST
10	8.627-508.0	SCREW, 10-32 X .75 SCHCS SS	2.000	ST
11	8.627-099.0	NUT, 10-32 HEX NYLOCK SS	2.000	ST
12	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
13	8.617-333.0	WASHER, M5 SS ISO7093	9.000	ST
14	8.601-067.0	WASHER, 5/16 FLT SS	2.000	ST
15	8.637-459.0	WASHER, .2 X .45 X .04 NYL BLK	2.000	ST



26 VACUUM

POS	Article no.	Description	Quantity	Unit
1	8.637-147.0	HOSE ASM, 1.5 x 34.0	1.000	ST
2	8.637-146.0	HOSE, 1.5" x 30", 4:1 STRETCH	1.000	ST
3	8.636-999.0	MOUNT, DUAL VAC MOTOR	1.000	ST
4	8.632-330.0	WASHER, .23 X .63 X .093 NPRN	4.000	ST
5	8.631-292.0	GASKET, VAC MOTOR	2.000	ST
6	8.627-672.0	SCREW, 1/4-20 X 4.25 HHCS STL GR5 ZNPLT	6.000	ST
7	8.627-381.0	SCREW, 1/4-20 X 1 HHCS SS	4.000	ST
8	8.600-568.0	NUT, 1/4-20 HEX NYLOCK STL GR2 ZNPLT	6.000	ST
9	8.625-848.0	VAC MOTOR, 36V 5.7 3ST TD	2.000	ST
10	8.620-195.0	VAC SPACER 3 1/8	6.000	ST
11	8.601-063.0	WASHER, 1/4 SS	18.000	ST
12	8.601-065.0	WASHER, .203 X .562 X .040 FLT	2.000	ST
13	8.600-239.0	Clamp 1.75" WORM GEAR X .312	2.000	ST
14	8.626-494.0	Cable tie 11.38" UL/CSA	1.000	ST
15	8.637-598.0	BRACKET, HOSE, VAC	1.000	ST
16	8.627-378.0	SCREW, 1/4-20 X .75 HHCS SS NP	2.000	ST
17	8.632-627.0	CLAMP, 1.5 DIA	2.000	ST
18	8.617-334.0	WASHER, 1/4 SPL SS	2.000	ST
19	8.627-190.0	NUT, 10-24 HEXTHIN NYLOCK SS	2.000	ST
20	8.637-869.0	RETAINING RING, VAC MOTOR	2.000	ST
21	8.637-853.0	GASKET, VAC MOTOR COVER	2.000	ST
22	8.617-705.0	CLAMP, HOSE #20	2.000	ST
23	8.600-442.0	Hose assembly 1.5 BLK VAC X 14	1.000	ST
24	8.605-967.0	ADAPTER, 2.0" TO 1.5"Y FITTING	1.000	ST
25	8.623-343.0	Clamp worm gearing 2.50	1.000	ST
26	8.624-005.0	HOSE, 2" VAC X 20"	1.000	ST

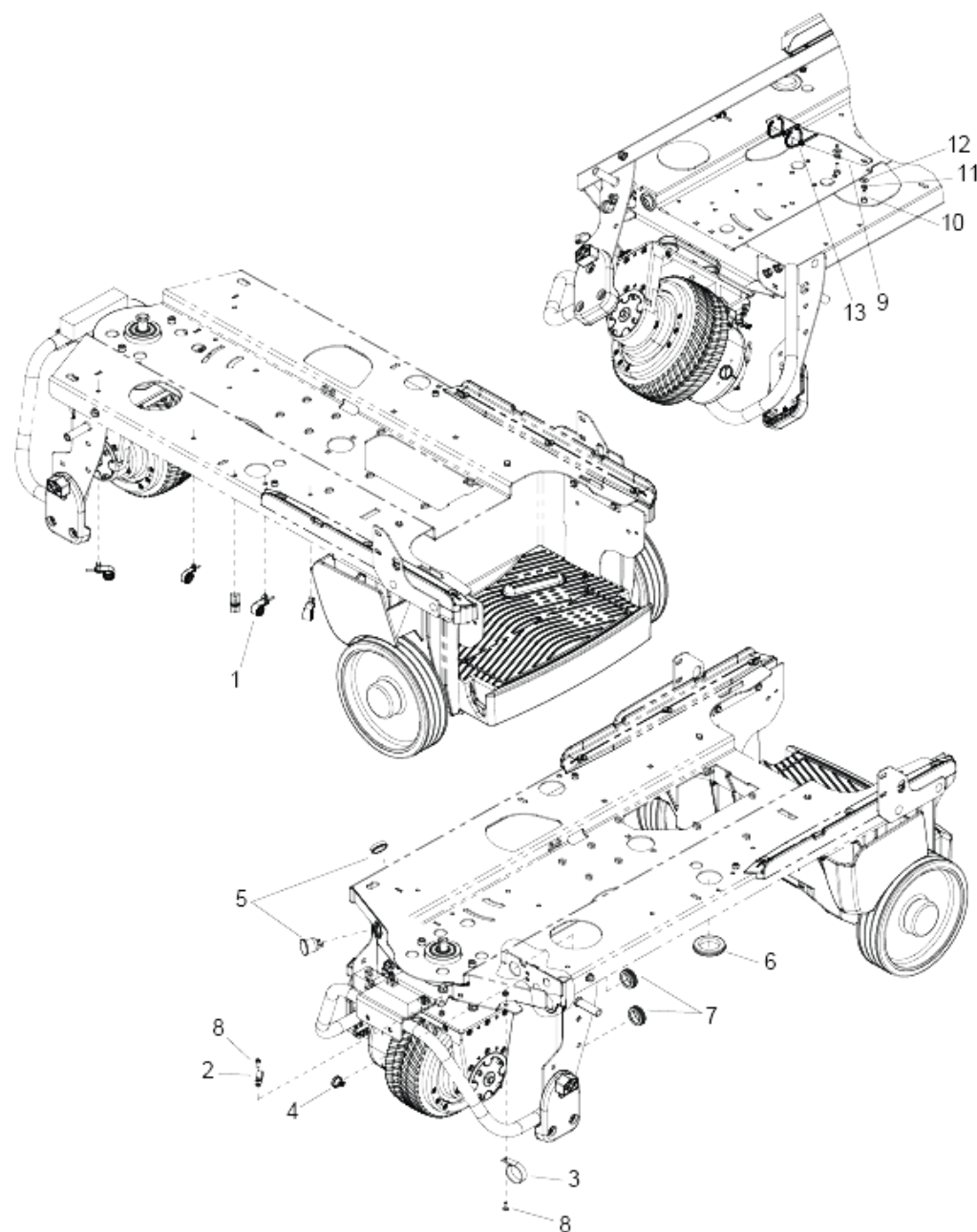


27 WIRING BATTERIES (0.250-135.0)

POS	Article no.	Description	Quantity	Unit	Serial number from	Remark
-	8.642-976.0	Fuse 150A lithium 36V 12-36-6700	1.000	ST		CE26LI
1A	8.628-341.0	BATTERY, 12V, 225AH (J185H-AC)	3.000	ST		EXCEPT CE26LI
1B	8.622-843.0	BATTERY, 12V AGM 234AH	3.000	ST		EXCEPT CE26LI
1C	8.622-841.0	BATTERY 12V 205AH	3.000	ST		EXCEPT CE26LI
2	8.627-398.0	SCREW, 10-32 X .75 PHPNHMS SS	1.000	ST		
3	8.627-191.0	Nut 5/16-18 FLEX LK STL GRA ZNPLT	6.000	ST		EXCEPT CE26LI
4	8.627-089.0	NUT, 10-32 ACORN STL NKLPLT	1.000	ST		
5	8.626-496.0	CABLE TIE, .375 X 43"	2.000	ST		EXCEPT CE26LI
6	8.626-061.0	WIRE, 4X25RD CTERM X 3/8RING	1.000	ST		EXCEPT CE26LI
7	8.626-023.0	WIRE, 4X30 BK CTERM X 3/8RING	1.000	ST		EXCEPT CE26LI
8	8.626-020.0	WIRE4X14.5BK 3/8RINGX3/8RING	2.000	ST		EXCEPT CE26LI
9	8.623-336.0	CLAMP, CABLE KIT	1.000	ST		
10	8.601-067.0	WASHER, 5/16 FLT SS	6.000	ST		EXCEPT CE26LI
11	8.601-065.0	WASHER, .203 X .562 X .040 FLT	1.000	ST		
12	8.600-892.0	BOOT, RUBBER TERM. ISOLATOR	2.000	ST		CE26LI
12	8.600-892.0	BOOT, RUBBER TERM. ISOLATOR	6.000	ST		EXCEPT CE26LI
13	8.600-876.0	CONNECTOR 175 DCA GRY W/O TERMS	1.000	ST		EXCEPT CS26LI
14	8.639-814.0	TRAY, BATTERY CS26	1.000	ST		EXCEPT CE26LI
15	8.635-950.0	ASM, BATTERY TRAY	1.000	ST		
16	8.627-281.0	Ring 1/2 EXT.SNAP H-D	1.000	ST		
17	8.625-499.0	SPRING,COMP, 63ODX3.5LX.047W	1.000	ST		
18	8.609-291.0	LATCH ROD, BATTERY TRAY	1.000	ST		
19	8.636-002.0	PLATE, BATTERY STOP	2.000	ST		
20	8.642-842.0	Wire 1/0 28in black contact term M8 ring	1.000	ST		CE26LI
21	8.642-841.0	Wire 1/0 20in red contact term M8 ring	1.000	ST		
22	8.642-838.0	BRKT, LITHIUM BATTERY MOUNT	4.000	ST		CE26LI
23	8.642-837.0	BATTERY, 36V LITHIUM, LARGE	1.000	ST		CE26LI
24	8.627-947.0	WASHER, 10 SPL STL ZNPLT	1.000	ST		CE26LI
25	8.627-383.0	SCREW, 1/4-20 X .5 HHCS SS NP	4.000	ST		CE26LI
26	8.627-378.0	SCREW, 1/4-20 X .75 HHCS SS NP	4.000	ST		CE26LI
27	8.601-063.0	WASHER, 1/4 SS	12.000	ST		CE26LI
28	8.600-568.0	NUT, 1/4-20 HEX NYLOCK STL GR2 ZNPLT	4.000	ST		CE26LI
29	8.600-683.0	SCREW, 10-32 X 1 PHPNHMS STL ZNPLT	1.000	ST		

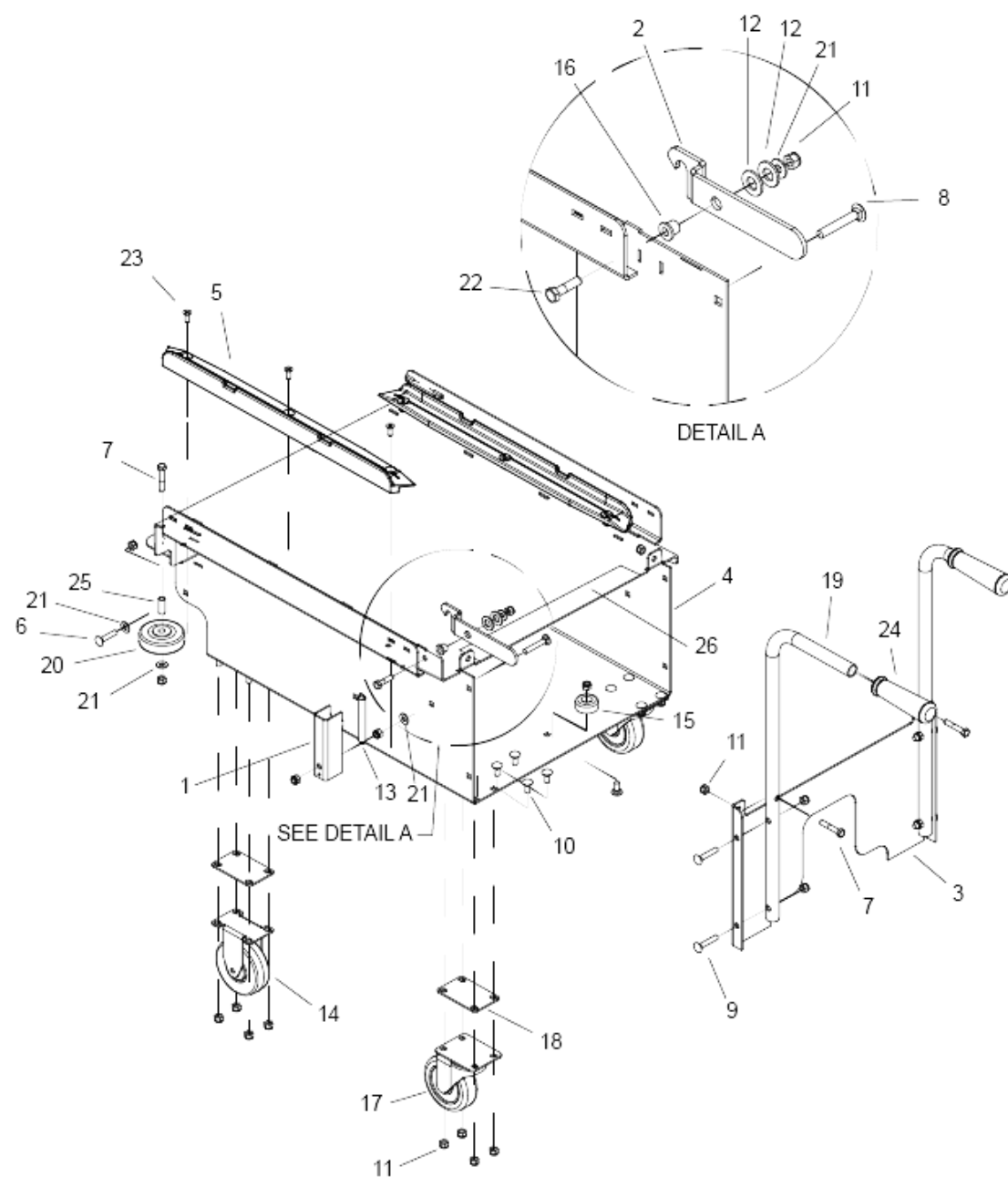
27 WIRING BATTERIES (0.250-135.0)

POS	Article no.	Description	Quantity	Unit	Serial number from	Remark
30		Connector SB175 yellow without terms	1.000	ST	6	CS26LI



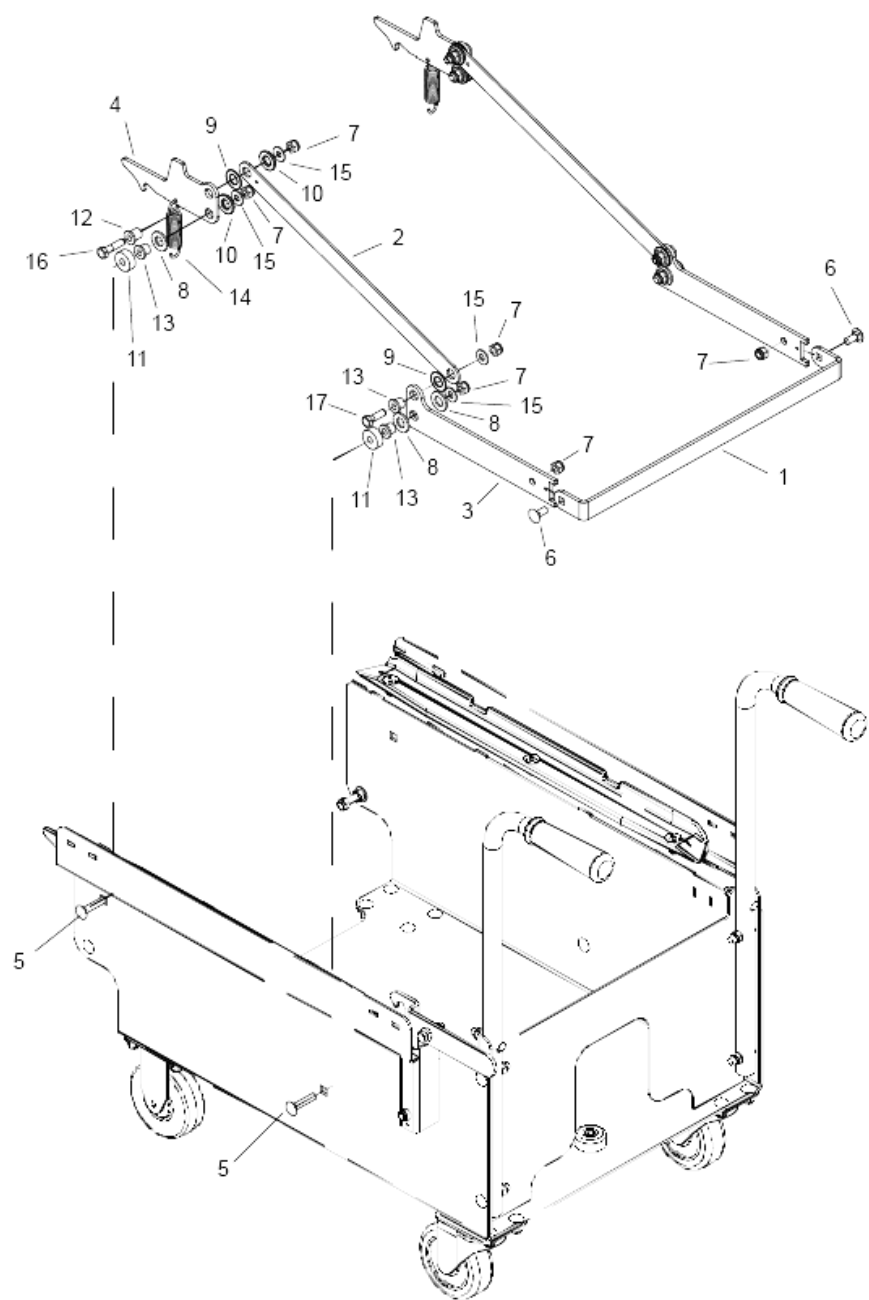
28 WIRING COMPONENTS

POS	Article no.	Description	Quantity	Unit
1	8.636-123.0	CLAMP, PAN 3/4"	5.000	ST
2	8.619-846.0	CLAMP, 5/8 NYLON UL/CSA	1.000	ST
3	8.632-627.0	CLAMP, 1.5 DIA	1.000	ST
4	8.626-494.0	Cable tie 11.38" UL/CSA	1.000	ST
5	8.623-972.0	HORN, 108DB MINATURE W/RING	1.000	ST
6	8.623-850.0	GROMMET,1.703IDX2.5.ODX.125GRV	1.000	ST
7	8.623-843.0	GROMMET 1.00 ID 3/16 GRIP	2.000	ST
8	8.600-698.0	SCREW, 10-32 X .5 HHCS SS	2.000	ST
9	8.637-226.0	BRACKET, CABLE TIE	1.000	ST
10	8.627-378.0	SCREW, 1/4-20 X .75 HHCS SS NP	2.000	ST
11	8.617-334.0	WASHER, 1/4 SPL SS	2.000	ST
12	8.601-063.0	WASHER, 1/4 SS	2.000	ST
13	8.626-492.0	CABLE TIE, 7" UL/CSA	2.000	ST



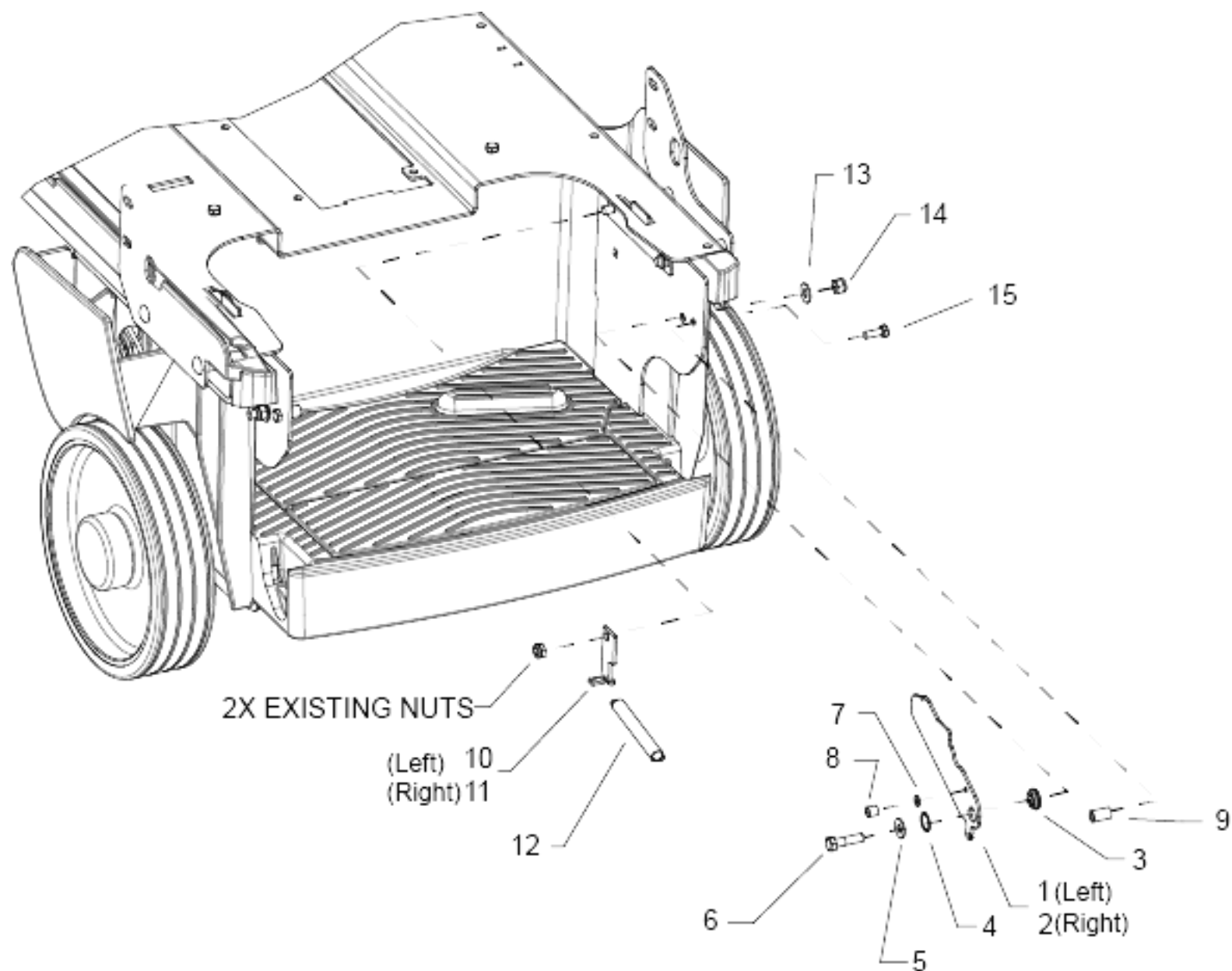
29 Battery Exchange - 1

POS	Article no.	Description	Quantity	Unit
1	8.635-945.0	BRKT, SPRING COVER, CART	1.000	ST
2	8.635-940.0	BRKT, TRAY CATCH	1.000	ST
3	8.635-939.0	BRKT, BACK, CART	1.000	ST
4	8.635-938.0	ASM, FRAME, BATTERY CART	1.000	ST
5	8.635-819.0	GLIDE, BATTERY TRAY	2.000	ST
6	8.627-747.0	SCREW, 5/16-18 X 1.5 CARR SS	2.000	ST
7	8.627-679.0	SCREW, 5/16-18 X 1.75 HHCS SS	4.000	ST
8	8.627-671.0	SCREW, 5/16-18 X 2 CARR SS	1.000	ST
9	8.627-669.0	SCREW, 5/16-18 X 1.75 CARR SS	4.000	ST
10	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	17.000	ST
11	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	32.000	ST
12	8.625-942.0	WASHER, .510 X 1 THR	2.000	ST
13	8.625-489.0	Spring EXT, .50D X 4.0L	1.000	ST
14	8.623-259.0	CASTER, 4" HARD RUBBER RIGID	2.000	ST
15	8.623-109.0	BUMPER, RUBBER 5/16" ID X 1.50	1.000	ST
16	8.622-884.0	BUSHING, .314 X .502 X .5 FLG	1.000	ST
17	8.619-943.0	CASTER SWIVEL 4" 250# CPCTY	2.000	ST
18	8.607-889.0	PLATE, CASTER SPACER	4.000	ST
19	8.607-660.0	HANDLE, BATTERY CART	2.000	ST
20	8.601-102.0	Wheel 3" DIA CUSHION RUBBER	2.000	ST
21	8.601-067.0	WASHER, 5/16 FLT SS	6.000	ST
22	8.600-702.0	SCREW, 5/16-18 X 1.25 HHCS SS NP	1.000	ST
23	8.640-081.0	SCREW, 1/4-20 X .75 PHFLHMS SS	6.000	ST
24	8.600-407.0	GRIP, POLISHER HANDLE	2.000	ST
25	8.600-135.0	BUSHING, SPANNER .435 X 1.10	2.000	ST
26	8.624-428.0	LABEL, BATTERY CART OPERATION	1.000	ST



30 Battery Exchange - 2

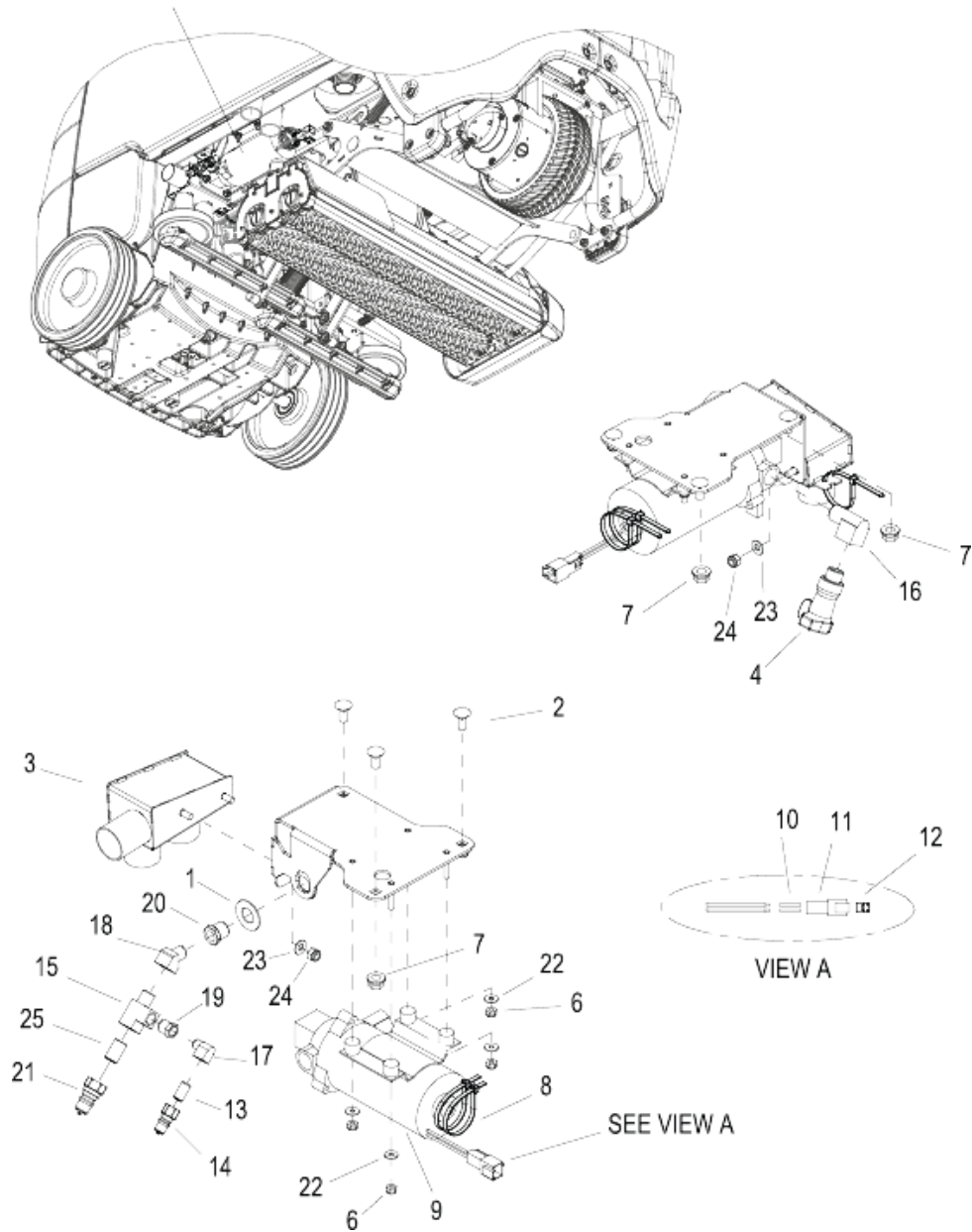
POS	Article no.	Description	Quantity	Unit
1	8.635-944.0	BRKT, PEDAL, CART	1.000	ST
2	8.635-943.0	PLATE, LATCH LINK, CART	2.000	ST
3	8.635-942.0	PLATE, PEDAL LINK, CART	2.000	ST
4	8.635-941.0	PLATE, LATCH CART	2.000	ST
5	8.627-747.0	SCREW, 5/16-18 X 1.5 CARR SS	4.000	ST
6	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	2.000	ST
7	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	10.000	ST
8	8.625-942.0	WASHER, .510 X 1 THR	6.000	ST
9	8.625-941.0	WASHER, .51 X 10 X .063 THR	4.000	ST
10	8.625-940.0	WASHER, .51 THR	4.000	ST
11	8.625-428.0	WASHER, .321 X 1 X .375 NYL BLK	4.000	ST
12	8.623-115.0	BUSHING, .314 X .502 X .625 FLG	2.000	ST
13	8.622-884.0	BUSHING, .314 X .502 X .5 FLG	6.000	ST
14	8.622-683.0	Spring EXT .68D X3.00L X.098W	2.000	ST
15	8.601-067.0	WASHER, 5/16 FLT SS	8.000	ST
16	8.600-702.0	SCREW, 5/16-18 X 1.25 HHCS SS NP	2.000	ST
17	8.600-656.0	SCREW, 5/16-18 X 1 HHCS SS NP	2.000	ST



31 Battery Exchange - 3

POS	Article no.	Description	Quantity	Unit
1	8.636-004.0	BATTERY STOP, LEFT	1.000	ST
2	8.636-005.0	BATTERY STOP, RIGHT	1.000	ST
3	8.631-967.0	SLEEVE, BEARING	2.000	ST
4	8.636-376.0	PLATE, SHIM .030" THICK	2.000	ST
5	8.601-067.0	WASHER, 5/16 FLT SS	2.000	ST
6	8.600-702.0	SCREW, 5/16-18 X 1.25 HHCS SS NP	2.000	ST
7	8.627-919.0	WASHER, 10 FLT STL ZNPLT	2.000	ST
8	8.636-009.0	STANDOFF, RND, 3/8OD, 10-32X3/8	2.000	ST
9	8.629-820.0	STANDOFF, .43 OD, 1/4-20 X.75L	2.000	ST
10	8.636-006.0	BRKT, SPING MOUNT, LT	1.000	ST
11	8.636-007.0	BRKT, SPRING MOUNT, RT	1.000	ST
12	8.625-489.0	Spring EXT, .50D X 4.0L	2.000	ST
13	8.601-067.0	WASHER, 5/16 FLT SS	2.000	ST
14	8.627-083.0	NUT, 5/16-18 HEX NYLOCK SS	2.000	ST
15	8.627-378.0	SCREW, 1/4-20 X .75 HHCS SS NP	2.000	ST

PUMP-OFF-AISLE LOCATION

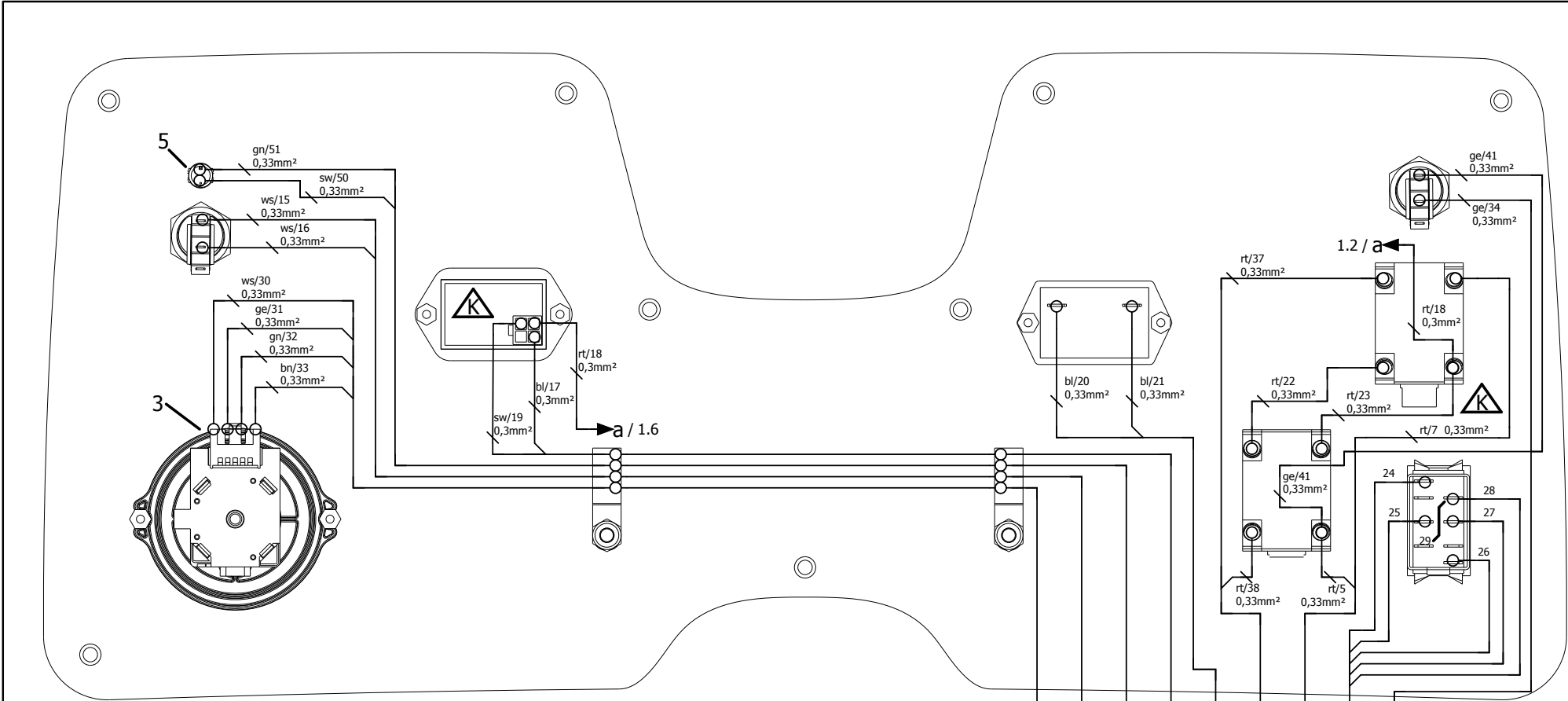


32 PUMP OFF AISLE

POS	Article no.	Description	Quantity	Unit	Remark
-	8.639-173.0	HARNESS, RELAY/SWITCH, O-A, iEXTRACT26	1.000	ST	NOT SHOWN
-	8.625-141.0	Relay 15A 36V MINI	1.000	ST	
-	8.639-211.0	KIT, INSTALL, PUMP, OFF-AISLE	1.000	ST	COMPLETE
-	8.639-550.0	LABEL, OFF-AISLE, iEXTRACT 26	2.000	ST	NOT SHOWN
-	8.629-520.0	ASM, BUTTON, BLACK, W/BEZEL	1.000	ST	
	Item text1: NOT SHOWN				
-	8.639-174.0	HARNESS, PUMP, OFF-AISLE, iEXTRACT26	1.000	ST	NOT SHOWN
-	8.625-590.0	STANDOFF, 6-32 X 5/8 HEX NYL	2.000	ST	
-	8.626-492.0	CABLE TIE, 7" UL/CSA	1.000	ST	
-	8.626-493.0	CABLE TIE, 3.5" UL/CSA	3.000	ST	NOT SHOWN
-	8.627-902.0	WASHER, 6 EXTLK SS	2.000	ST	NOT SHOWN
-	8.629-278.0	SWITCH, MICRO	1.000	ST	NOT SHOWN
1	8.639-143.0	WASHER, .683 X 1.35 X .06 SS	2.000	ST	
2	8.639-142.0	BRACKET, MOUNT, PUMP	1.000	ST	
3	8.639-141.0	PLENUM, VACUUM	1.000	ST	
4	8.637-185.0	COUPLING, QD, 3/8 NPT	1.000	ST	
5	8.627-607.0	SCREW, 5/16-18 X .75 CARR SS	3.000	ST	
6	8.627-099.0	NUT, 10-32 HEX NYLOCK SS	4.000	ST	
7	8.636-824.0	NUT, 5/16-18, FLG NYLOCK SS	3.000	ST	
8	8.626-494.0	Cable tie 11.38" UL/CSA	6.000	ST	
9	8.600-610.0	PUMP ASM, 36V ACCESSORY	1.000	ST	
10	8.625-745.0	TERMINAL, 1060-16-0122	2.000	ST	INCLUDED W/PUMP ASM
11	8.623-376.0	CONNECTOR, DT04-2P	1.000	ST	INCLUDED W/PUMP ASM
12	8.624-673.0	LOCK, W2P	1.000	ST	INCLUDED W/PUMP ASM
13	8.624-772.0	NIPPLE, 1/8 CLOSE	1.000	ST	
14	8.620-082.0	Nipple 1/8	1.000	ST	
15	8.619-776.0	TEE, 1/4 STREET	1.000	ST	
16	8.619-742.0	ELBOW, 3/8NPT STREET	1.000	ST	
17	8.619-740.0	ELBOW, 1/8NPT STREET	1.000	ST	
18	8.619-739.0	ELBOW, 1/4NPT 45D STREET	1.000	ST	
19	8.619-730.0	BUSHING, 1/8 FPT X 1/4 MPT HEX	1.000	ST	
20	8.619-729.0	BUSHING, 3/8 MPT X 1/4 FPT HEX	1.000	ST	
21	8.600-558.0	Nipple 1/4 FPT QD	1.000	ST	

32 PUMP OFF AISLE

POS	Article no.	Description	Quantity	Unit	Remark
22	8.601-065.0	WASHER, .203 X .562 X .040 FLT	4.000	ST	
23	8.601-063.0	WASHER, 1/4 SS	2.000	ST	
24	8.600-581.0	NUT, 1/4-20 HEX NYLOCK SS	2.000	ST	
25	8.600-559.0	Nipple 1/4 CLOSE	1.000	ST	



23	86399880	HARNESS, EXTENSION CE26	1	NOT SHOWN
22	86401520	CABLE, CTRLR BATTERY NEG, CE26	1	PART OF 86414330
21	86401510	CABLE, CTRLR BATTERY POS, CE26	1	PART OF 86414330
20	86010860	WIRE, 4X20 BK CTERM	1	
19	86010850	WIRE, 4X20 RD CTERM	1	
18	86008760	CONNECTOR 175 DCA GRY	1	NOT SHOWN
17	86414320	HARNESS, MAIN, CE26 W/TELEMATICS	1	NOT SHOWN
16				
15	86372630	HARNESS, BRUSH, iEXTRACT26	1	PART OF 86414320
14	86372650	HARNESS, DECK ACT, iEXTRACT26	1	PART OF 86414320
13	86372640	HARNESS, VACUUM ACT, iEXTRACT26	1	PART OF 86414320
12	86414310	HARNESS, SOLENOID, TELEMATICS	1	PART OF 86414320
11	86366620	HARNESS, HORN, CS26	1	PART OF 86414320
10	86401500	HARNESS, BRAKE/DRIVE, CE26	1	
9	86391730	HARNESS, PUMP,OFF-AISLE,iEXTRACT26	1	OPTION
8	86391740	HARNESS, RELAY/SWITCH,O-A,iEXTRACT26	1	OPTION
7	86366520	HARNESS, PLATFORM, CS26	1	
6	86361910	HARNESS, PLATFORM PNL, CS26	1	PART OF 86414320
5	86367100	LED, WATER INDICATOR	1	PART OF 86414330
4	86366610	HARNESS, VACUUM, CS26	2	
3	86366540	HARNESS, MAIN ROTARY, CS26	1	PART OF 86414330
2				
1	86414330	HARNESS, PANEL, CE26 W/TELEMATICS	1	
REF	PART NO	DESCRIPTION	QTY	REMARKS

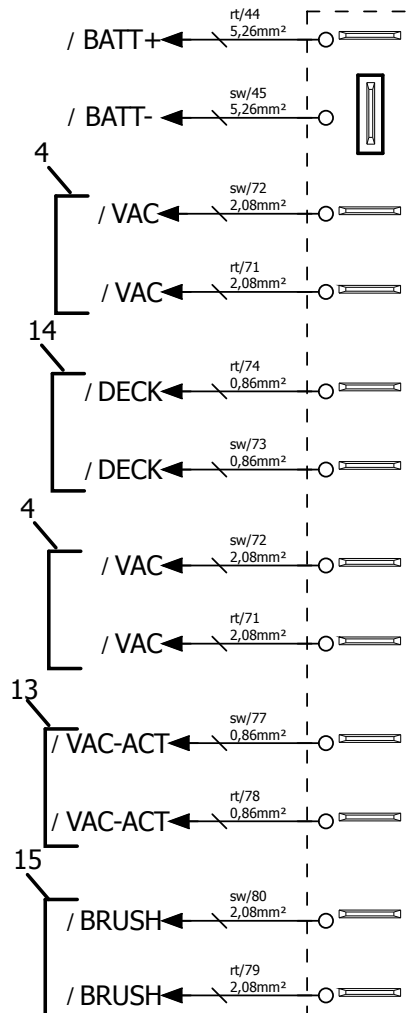
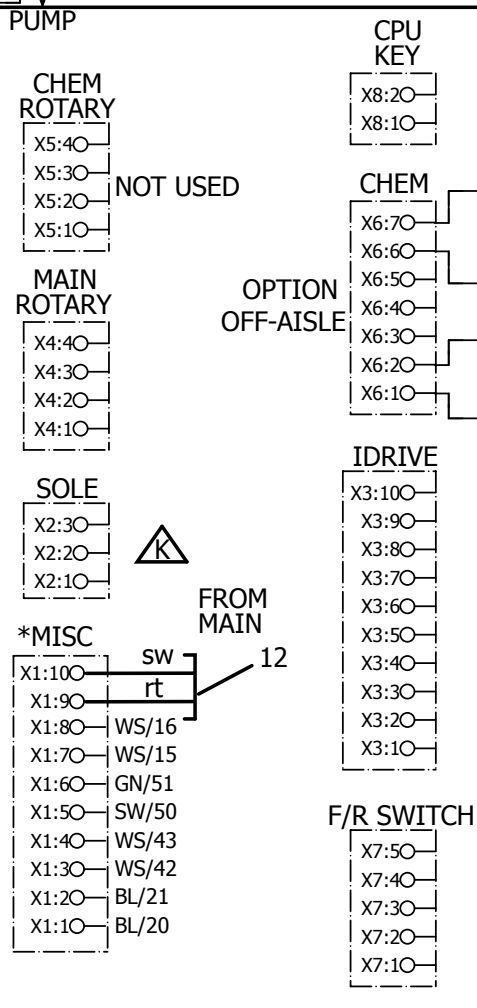
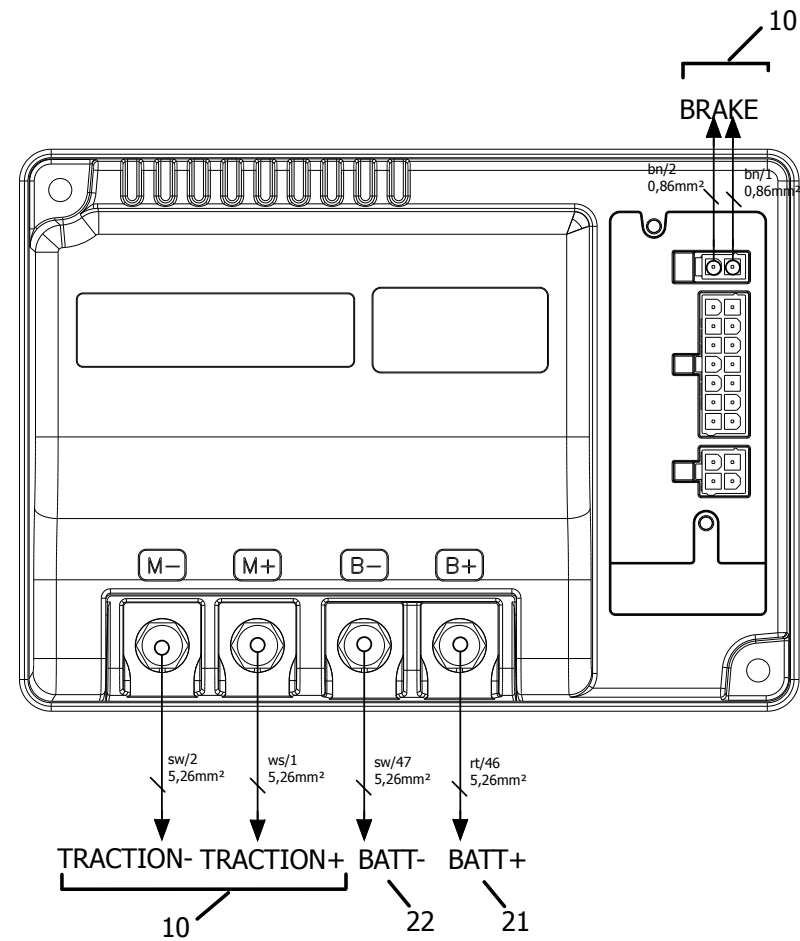
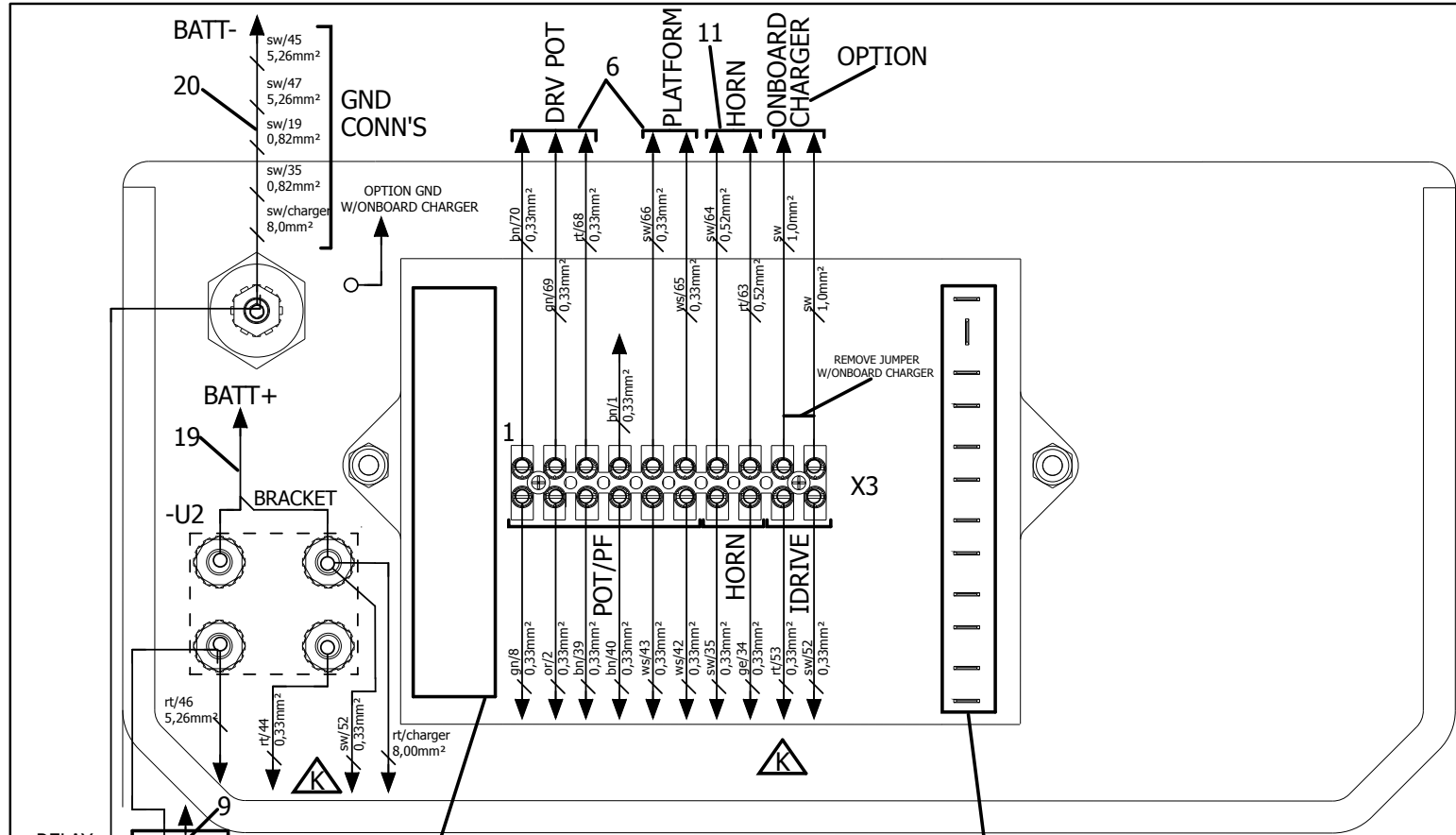
MAIN ROTARY
*WATER SWITCH
*LED
TRUECHARGE
*HOUR METER
CPU KEY
IDRIVE KEY
F/R SWITCH
HORN
* SEE NOTE

Aderfarben	Wire color
rot/rt	red
schwarz/sw	black
weiß/ws	white
braun/bn	brown
blau/bl	blue
gelb/ge	yellow
orange/or	orange
grau/gr	gray
grün/gn	green
violett/vi	violet
rosa/rs	pink

REVISION				
REV	DESCRIPTION	ECR	REV BY	DATE
A	RELEASE FOR PRODUCTION	-	-	-
B	MODIFY VACUUM HARNESS WIRE #'S	5018878	SG	05-03-13
C	MODIFY 86356760, CHG #25 POS 3 TO 2, #27 POS 5 TO 5.	5018545	VV	05-15-13
D	MODIFY OBC GND LOCATION	5019057	SG	05-22-13
E	CORRECT WIRE NOTATION FOR POT/PF CORRECT DECK LIFT COLOR/ #'S	5019159	SG	6-04-13
F	CORRECT WIRE COLORS HARNESS, 86366250	5018934	VV	09-19-13
G	ADD OPTION OFF AISLE KIT	5021127	SG	02-19-14
H	ADD 8.639-988.0, 8.640-150.0, 8.640-151.0, 8.640-152.0	5023287	VV	03-23-15
J	86402050 WAS 86356760, ADD 86401510 & 86401520 TO 86402050	5024058	VV	05-08-15
K	86414330 WAS 86402050, 86414310 WAS 86372620, 86414320 WAS 86372590, CORRECTED WIRE COLORS AND CONNECTIONS	5026270	RJC	03-09-16

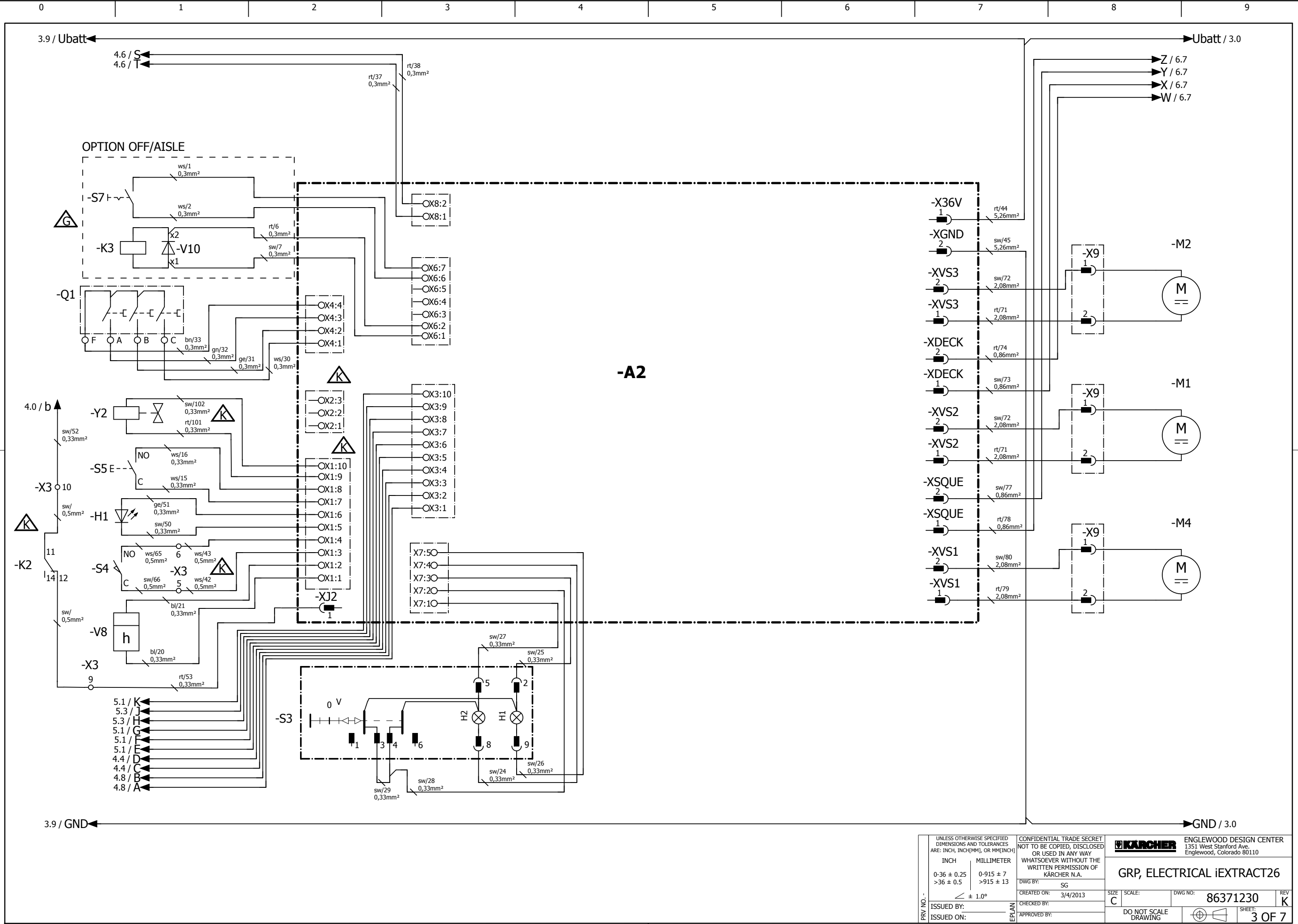
NOTE: * CONNECTIONS MADE TO *MISC CONNECTOR PAGE 2 OF 7.

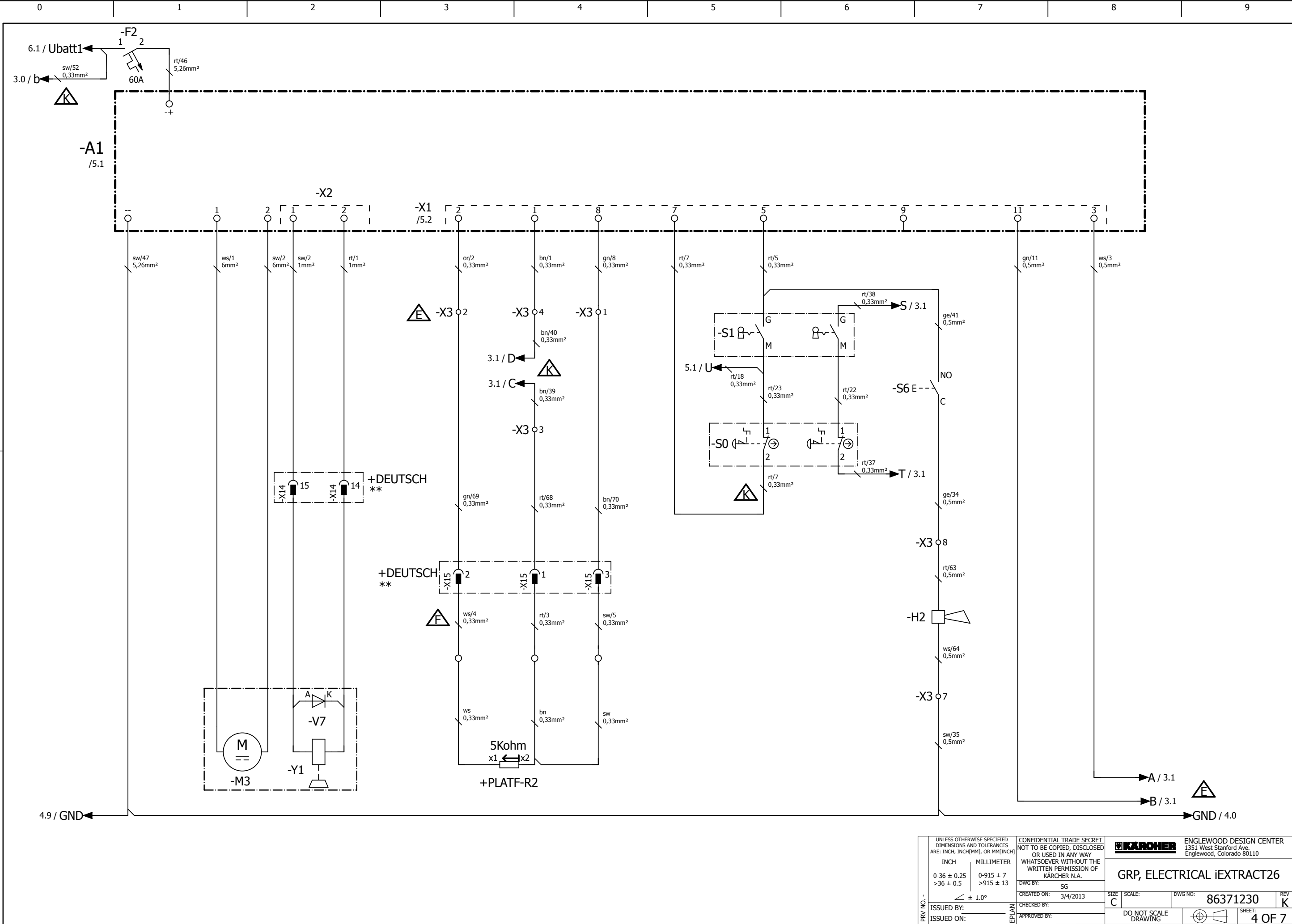
UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE: INCH, INCH(MM), OR MM(INCH)	CONFIDENTIAL TRADE SECRET NOT TO BE COPIED, DISCLOSED OR USED IN ANY WAY WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KÄRCHER N.A.	ENGLEWOOD DESIGN CENTER 1351 West Stanford Ave. Englewood, Colorado 80110	
		GRP, ELECTRICAL iEXTRACT26	
INCH	MILLIMETER	SIZE	SCALE:
0-36 ± 0.25	0-915 ± 7	C	
>36 ± 0.5	>915 ± 13		
± 1.0°		DWG NO:	86371230
ISSUED BY: JWR	CHECKED BY: MF	DO NOT SCALE DRAWING	REV K
ISSUED ON: 3/5/13	APPROVED BY: TL		1 OF 7

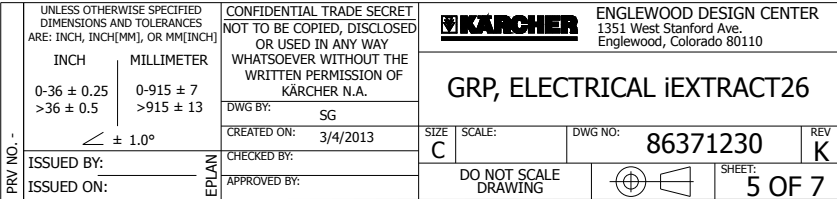


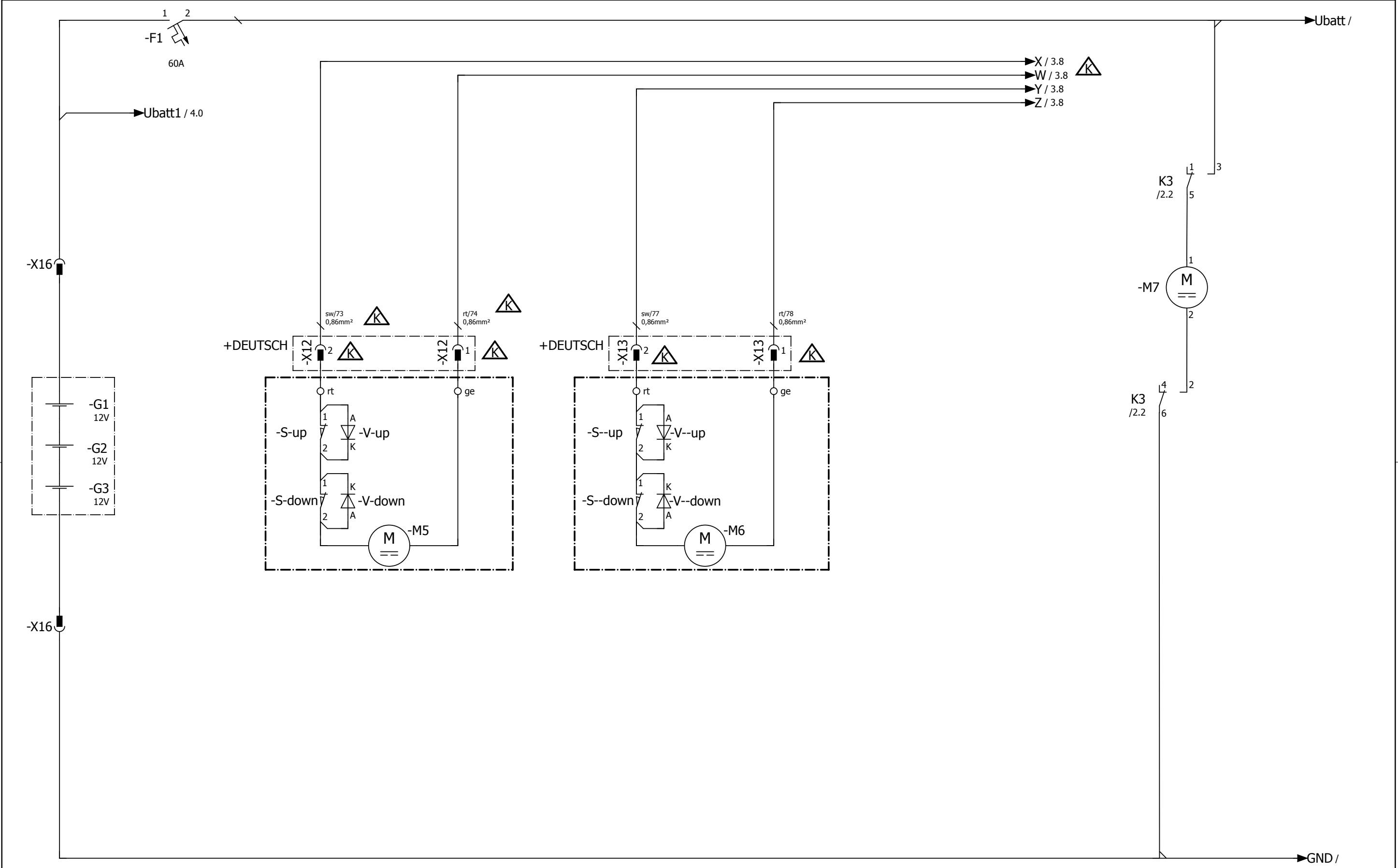
Aderfarben	Wire color
rot/rt	red
schwarz/sw	black
weiß/ws	white
braun/bn	brown
blau/bl	blue
gelb/ge	yellow
orange/or	orange
grau/gr	gray
grün/gn	green
violett/vi	violet
rosa/rs	pink

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE: INCH, INCH(MM), OR MM(INCH)		CONFIDENTIAL TRADE SECRET NOT TO BE COPIED, DISCLOSED OR USED IN ANY WAY WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KÄRCHER N.A.		ENGLEWOOD DESIGN CENTER 1351 West Stanford Ave. Englewood, Colorado 80110	
INCH 0-36 ± 0.25 >36 ± 0.5		MILLIMETER 0-915 ± 7 >915 ± 13		DWG NO: 86371230	
ISSUED BY:		CHECKED BY:		REV K	
ISSUED ON:		APPROVED BY:		DO NOT SCALE DRAWING	
PRV NO. -		PLAN		SHEET: 2 OF 7	





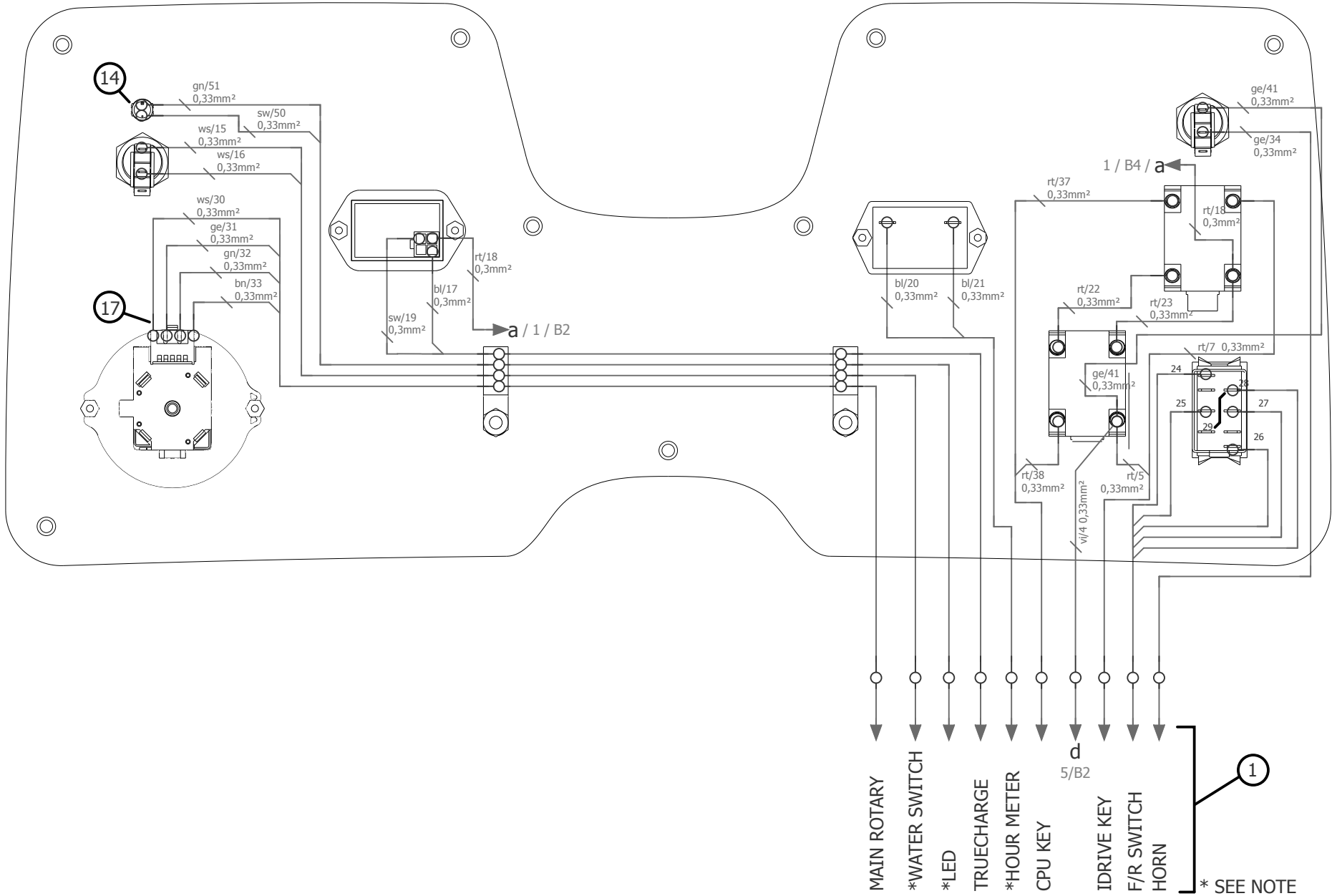




D	GB
A1 FAHRSTEUERUNG A2 CPU G1-G3 BATTERY 12V M1 SAUGLEISTE M2 SAUGLEISTE M3 FAHRMOTOR M4 BURSTENMOTOR M5 HUBMOTOR M6 MOTOR-SAUGTURBINE S0 NOT-AUS S1 SCHLUSSELSCHALTER S3 TASTER-VORW/RUCKW S4 PLATTFORM S5 VASSER S6 TASTER-HUPE Q1 MAIN PROGRAMMSCHALTER Y1 MAGNETBREMSE Y2 WATER SOLENOID V8 BETRIEBSSTUNDENZAHLER V9 TRUECHARGE H1 LED H2 HUPE F1 PCB 60A F2 IDRIVE 60A **X12/X13/X14/X15 - DEUTSCH CONNECTOR *X9/X10/X11 - PACKARD CONNECTOR *X16 - ANDERSON	A1 IDRIVE CONTROL A2 CPU CONTROL G1-G3 BATTERY 12V M1 VACUUM MOTOR M2 VACUUM MOTOR M3 TRACTION MOTOR M4 BRUSH MOTOR M5 DECK ACTUATOR M6 VACUUM ACTUATOR S0 E STOP S1 KEY SWITCH S3 F/R SWITCH S4 PLATFORM SWITCH S5 WATER SWITCH S6 HORN SWITCH S7 OFF/AISLE TOOL SWITCH Q1 MAIN ROTARY K3 OFF/AISLE TOOL RELAY Y1 BRAKE Y2 WATER SOLENOID V8 HOUR METER V9 TRUECHARGE H1 WATER LED H2 HORN F1 PCB 60A - U2 F2 IDRIVE 60A - U2 **X12/X13/X14/X15 - DEUTSCH CONNECTOR *X9/X10/X11 - PACKARD CONNECTOR *X16 - ANDERSON

PRV NO. -	UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE: INCH, INCH[MILL], OR MM[INCH]		CONFIDENTIAL TRADE SECRET NOT TO BE COPIED, DISCLOSED OR USED IN ANY WAY WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KÄRCHER N.A.		ENGLEWOOD DESIGN CENTER 1351 West Stanford Ave. Englewood, Colorado 80110	
	INCH		MILLIMETER		GRP, ELECTRICAL iEXTRACT26	
	0-36 ± 0.25	0-915 ± 7	DWG BY: SG		SIZE	SCALE:
	>36 ± 0.5	>915 ± 13	CREATED ON: 3/4/2013		C	86371230
	ISSUED BY:		CHECKED BY:		REV K	
ISSUED ON:		APPROVED BY:		DO NOT SCALE DRAWING		
				SHEET: 7 OF 7		

REVISION				
REV	DESCRIPTION	ECR	REV BY	DATE
A	RELEASE FOR PRODUCTION	-	-	-
B	ADDED HEATSHRINK CALLOUT, UPDATED WIRE CALLOUTS; ADDED FUSE F3 AND CONNECTOR; UPDATED FORMAT; REORDERED BOM TABLE	5029210	JA	10-24-17

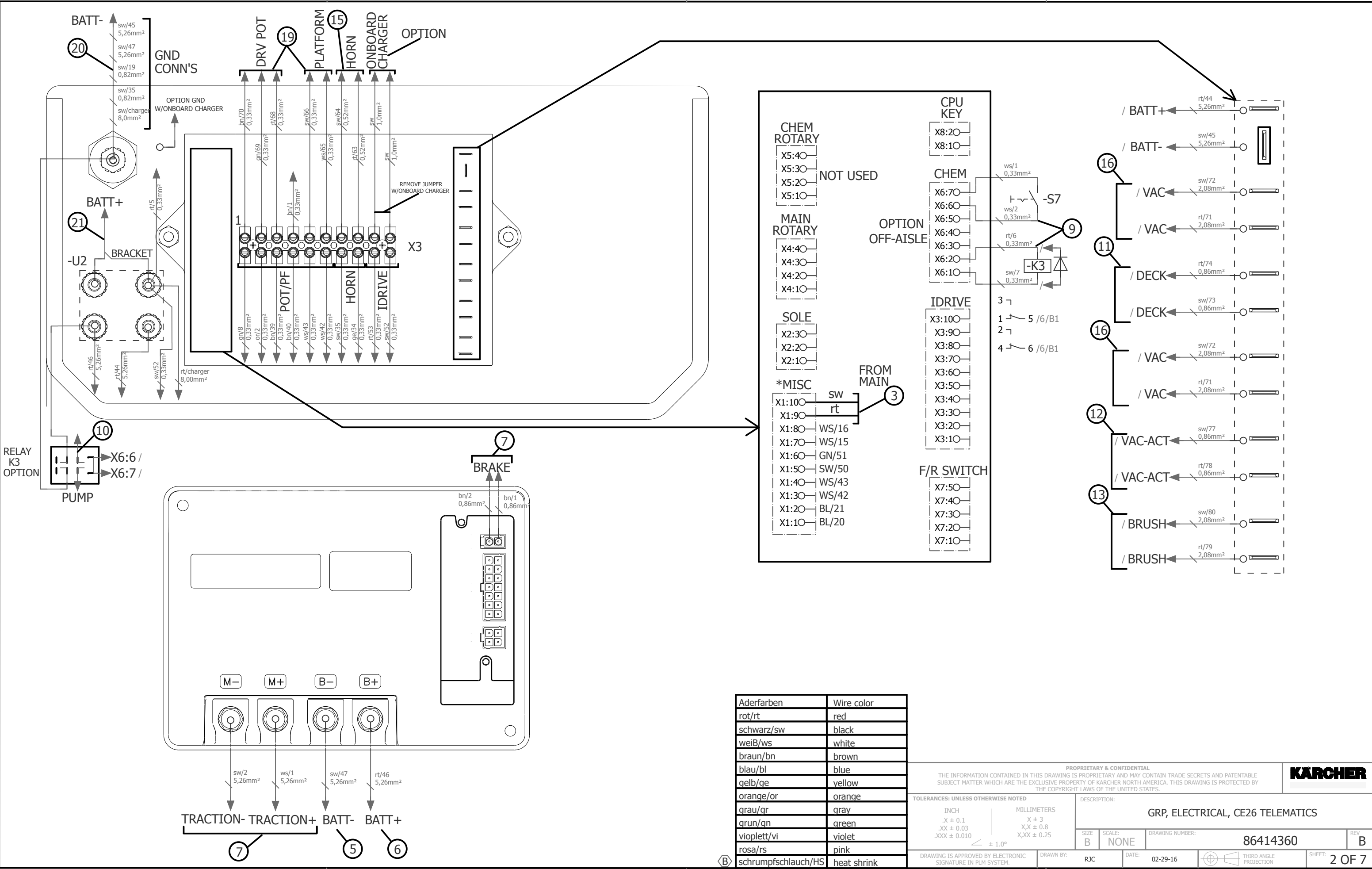


NOTE: * CONNECTIONS MADE TO *MISC CONNECTOR PAGE 2 OF 7.

22	86008760	CONNECTOR 175 DCA GRV	1	NOT SHOWN
21	86010850	WIRE, 4X20 RD CTERM	1	
20	86010860	WIRE, 4X20 BK CTERM	1	
19	86361910	HARNESS, PLATFORM PNL, CS26	1	PART OF 86414320
18	86366520	HARNESS, PLATFORM, CS26	1	
17	86366540	HARNESS, MAIN ROTARY, CS26	1	PART OF 86414330
16	86366610	HARNESS, VACUUM, CS26	2	
15	86366620	HARNESS, HORN, CS26	1	PART OF 86414320
14	86367100	LED, WATER INDICATOR	1	PART OF 86414330
13	86372630	HARNESS, BRUSH, iEXTRACT26	1	PART OF 86414320
12	86372640	HARNESS, VACUUM ACT, iEXTRACT26	1	PART OF 86414320
11	86372650	HARNESS, DECK ACT, iEXTRACT26	1	PART OF 86414320
10	86391730	HARNESS, PUMP,OFF-AISLE,iEXTRACT26	1	OPTION
9	86391740	HARNESS, RELAY/SWITCH,O-A,iEXTRACT26	1	OPTION
8	86399880	HARNESS, EXTENSION CE26	1	NOT SHOWN
7	86401500	HARNESS, BRAKE/DRIVE, CE26	1	
6	86401510	CABLE, CTRLR BATTERY POS, CE26	1	PART OF 86414330
5	86401520	CABLE, CTRLR BATTERY NEG, CE26	1	PART OF 86414330
4	86413590	HARNESS, TCU	1	
3	86414310	HARNESS, SOLENOID, TELEMATICS	1	PART OF 86414320
2	86414320	HARNESS, MAIN, CE26 W/TELEMATICS	1	NOT SHOWN
1	86414330	HARNESS, PANEL, CE26 W/TELEMATICS	1	
REF	PART NO	DESCRIPTION	QTY	REMARKS

Aderfarben	Wire color
rot/rt	red
schwarz/sw	black
weiB/ws	white
braun/bn	brown
blau/bl	blue
gelb/ge	yellow
orange/or	orange
grau/gr	gray
grun/gn	green
vioplett/vi	violet
rosa/rs	pink
schrumpfschlauch/HS	heat shrink

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TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION:		GRP, ELECTRICAL, CE26 TELEMATICS	
INCH .X ± 0.1 .XX ± 0.03 .XXX ± 0.010	MILLIMETERS X ± 3 X,X ± 0.8 X,XX ± 0.25	SIZE B	SCALE: NONE	DRAWING NUMBER: 86414360	REV B
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: RJC	DATE: 02-29-16	THIRD ANGLE PROJECTION	SHEET: 1 OF 7



Aderfarben	Wire color
rot/rt	red
schwarz/sw	black
weiß/ws	white
braun/bn	brown
blau/bl	blue
gelb/ge	yellow
orange/or	orange
grau/gr	gray
grün/gn	green
violett/vi	violet
rosa/rs	pink
schrumpfschlauch/HS	heat shrink

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TOLERANCES: UNLESS OTHERWISE NOTED

INCH	MILLIMETERS
.X ± 0.1	X ± 3
.XX ± 0.03	X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

± 1.0°

DESCRIPTION:

GRP, ELECTRICAL, CE26 TELEMATICS

SIZE	SCALE:	DRAWING NUMBER:	REV
B	NONE	86414360	B

DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.

DRAWN BY: RJC

DATE: 02-29-16

THIRD ANGLE PROJECTION

SHEET: 2 OF 7



4

3

2

1

3 / B1 / Ubatt

Ubatt / 3 / B4

4 / B2 / S
4 / A2 / TZ / 6 / B2
Y / 6 / B2
X / 6 / B2
W / 6 / B2

OPTION OFF/AISLE

4 / B4 / b

-K2

-X3 10

11
14 12

-X3 9

5 / A4 / K
5 / B3 / J
5 / B3 / H
5 / A4 / G
5 / A4 / F
4 / B3 / E
4 / B3 / D
4 / B3 / C
4 / A1 / B
4 / A1 / A

-A2

-S3

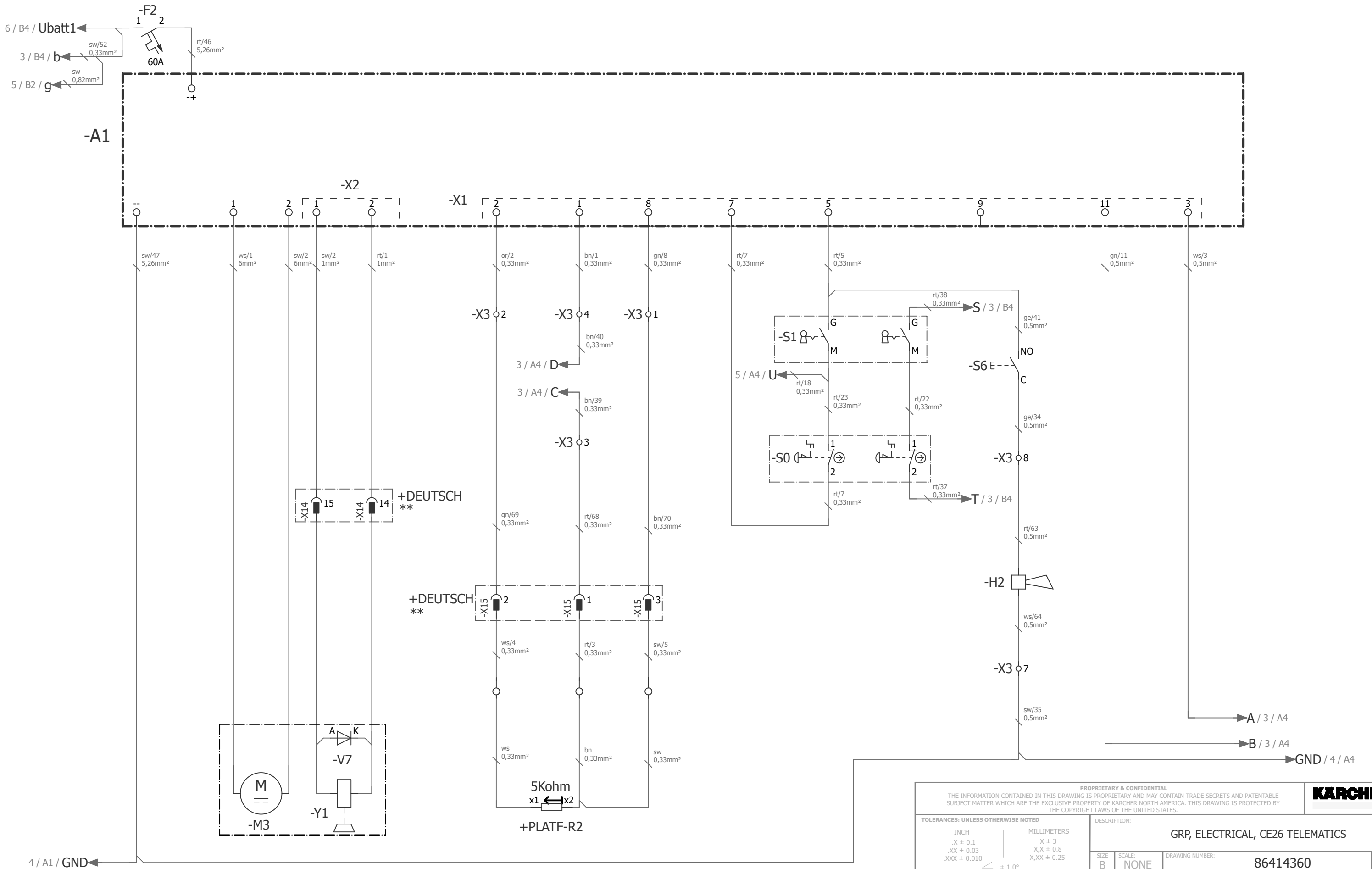
0 V

3

2

1

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TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION:		GRP, ELECTRICAL, CE26 TELEMATICS	
INCH .X ± 0.1 .XX ± 0.03 .XXX ± 0.010	MILLIMETERS X ± 3 X,X ± 0.8 X,XX ± 0.25	SIZE B	SCALE: NONE	DRAWING NUMBER: 86414360	REV B
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: RJC	DATE: 02-29-16	THIRD ANGLE PROJECTION	
				SHEET: 3 OF 7	



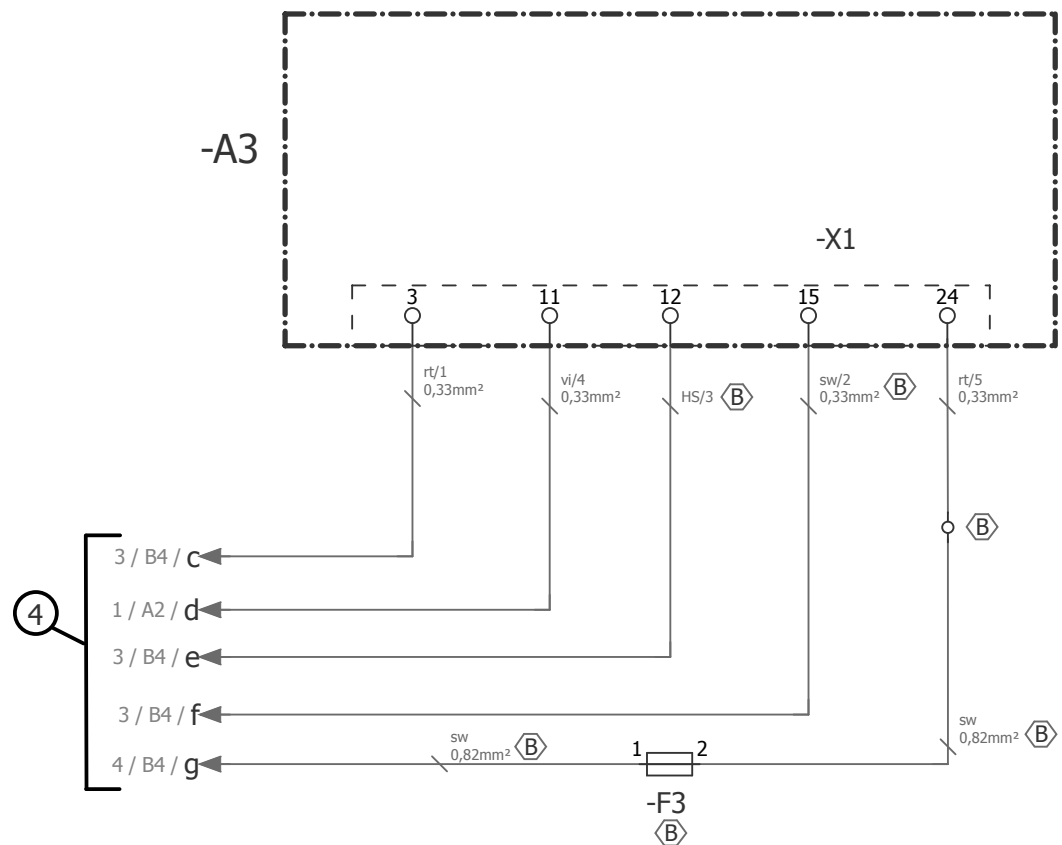
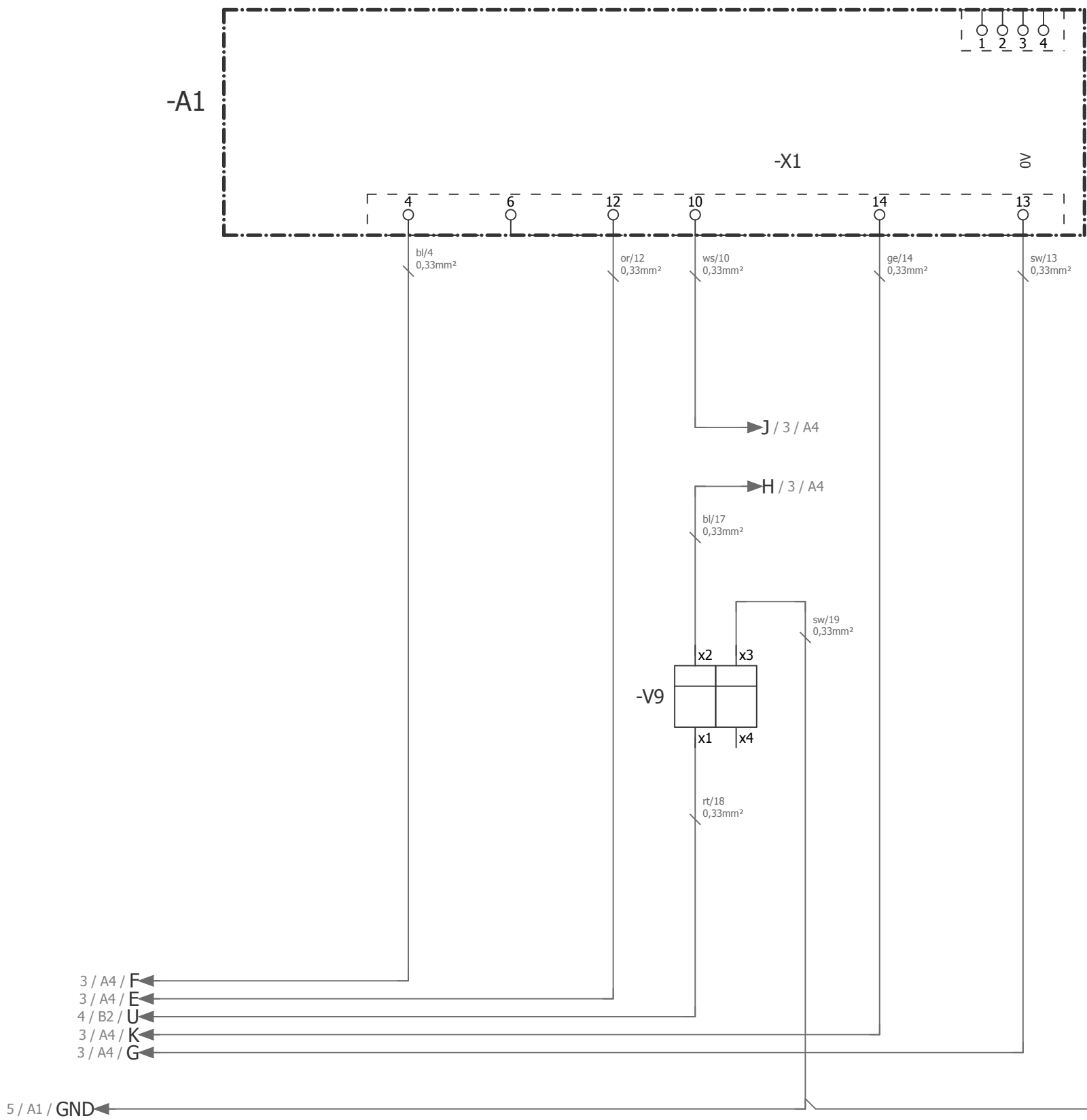
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TOLERANCES: UNLESS OTHERWISE NOTED			DESCRIPTION:			
INCH X ± 0.1 .XX ± 0.03 .XXX ± 0.010 MILLIMETERS X ± 3 X,X ± 0.8 X,XX ± 0.25 ± 1.0°			GRP, ELECTRICAL, CE26 TELEMATICS			
SIZE B		SCALE: NONE	DRAWING NUMBER: 86414360		REV B	
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: RJC	DATE: 02-29-16	 THIRD ANGLE PROJECTION	SHEET: 4 OF 7	

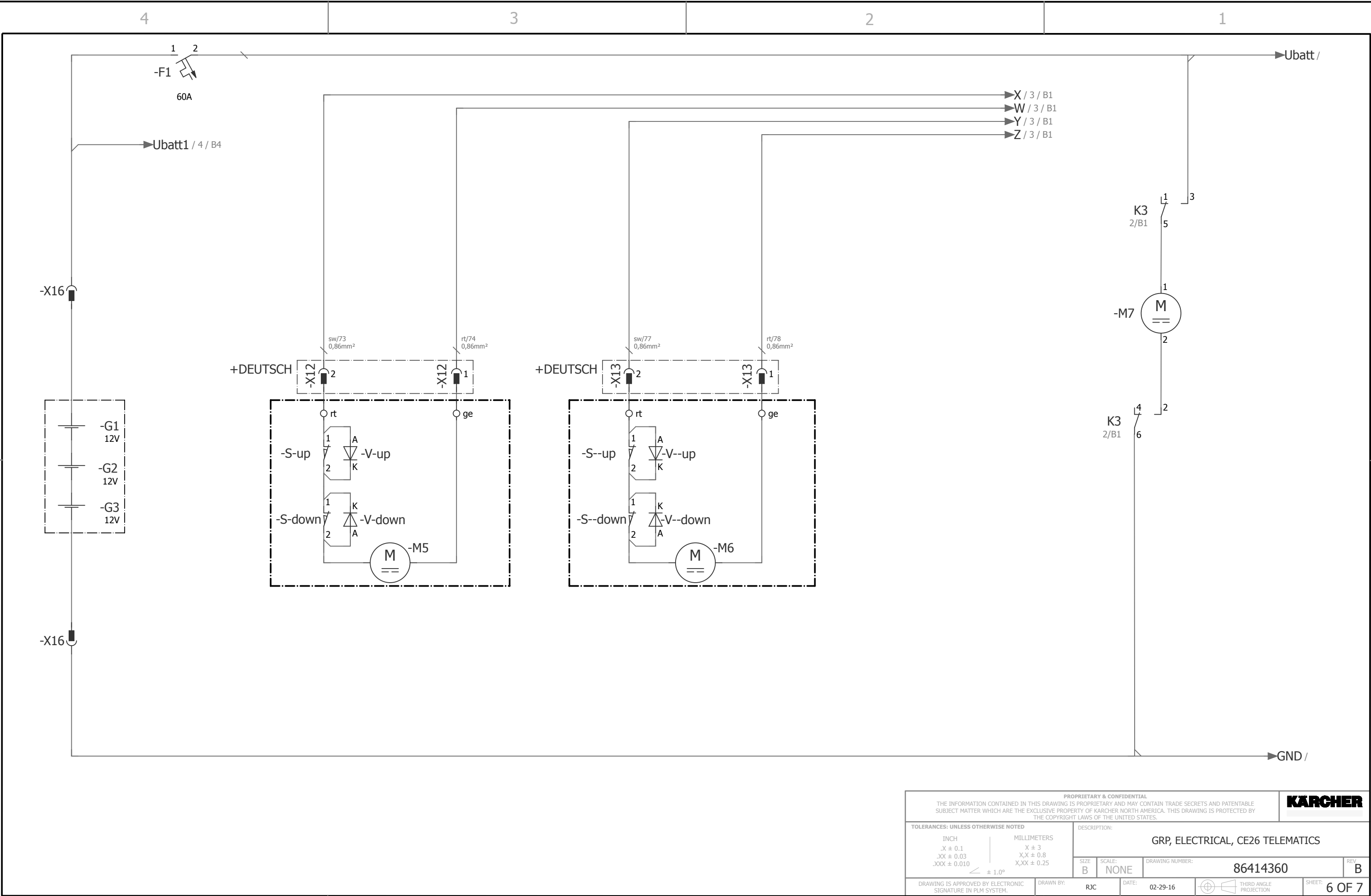
B

B

A

A



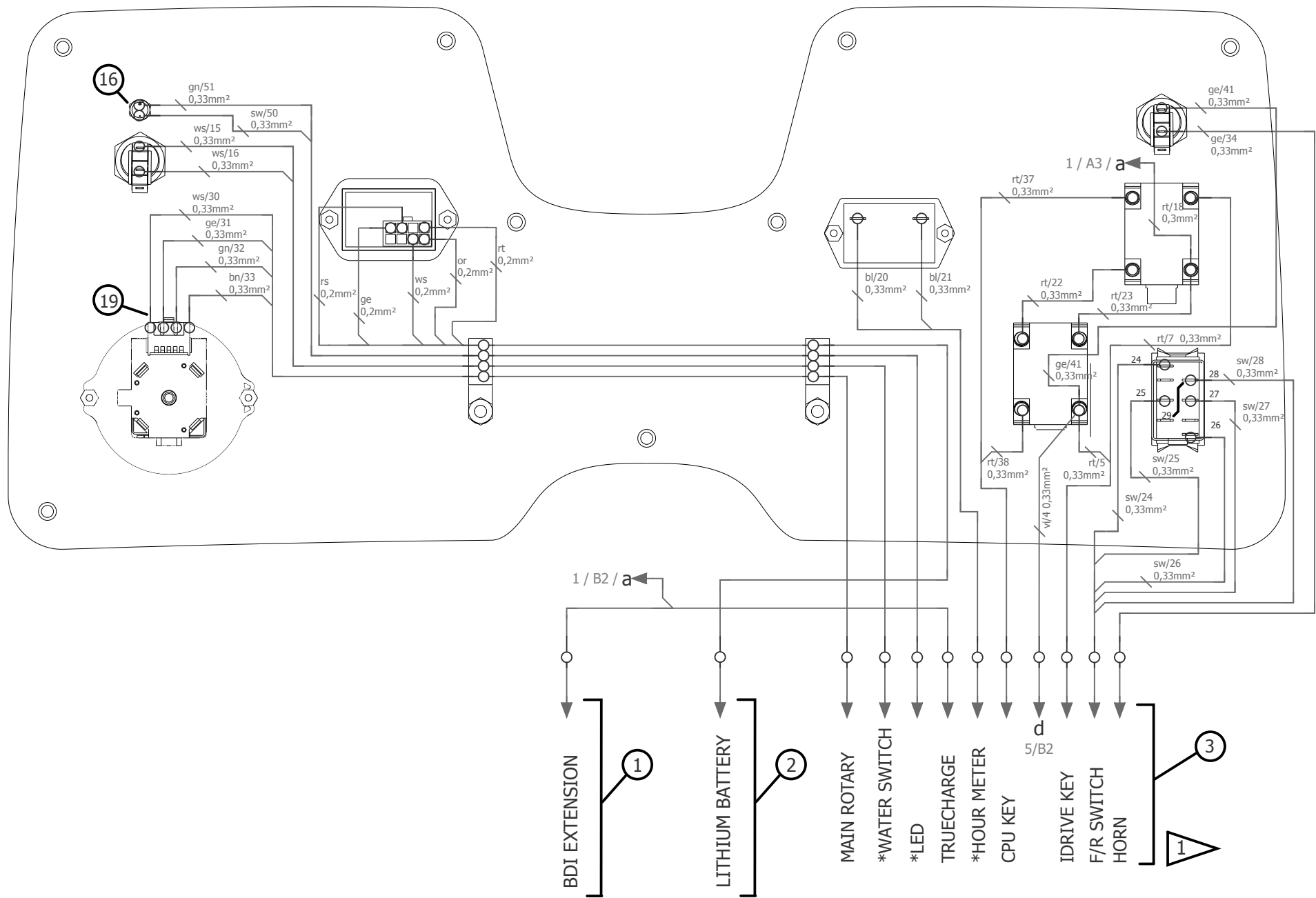


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TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION: GRP, ELECTRICAL, CE26 TELEMATICS	
INCH .X ± 0.1 .XX ± 0.03 .XXX ± 0.010	MILLIMETERS X ± 3 X,X ± 0.8 X,XX ± 0.25 ± 1.0°	SIZE B	SCALE: NONE
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: RJC	DATE: 02-29-16
		THIRD ANGLE PROJECTION	SHEET: 6 OF 7

	4	3	2	1
	D		GB	
B	A1 FAHRSTEUERUNG A2 CPU A3 TCU G1-G3 BATTERY 12V M1 SAUGLEISTE M2 SAUGLEISTE M3 FAHRMOTOR M4 BURSTENMOTOR M5 HUBMOTOR M6 MOTOR-SAUGTURBINE S0 NOT-AUS S1 SCHLUSSELSCHALTER S3 TASTER-VORW/RUCKW S4 PLATTFORM S5 VASSER S6 TASTER-HUPE Q1 MAIN PROGRAMMSCHALTER Y1 MAGNETBREMSE Y2 WATER SOLENOID V8 BETRIEBSSTUNDENZAHLER V9 TRUECHARGE H1 LED H2 HUPE F1 PCB 60A F2 IDRIVE 60A ⓑ F3 TCU 0,5A **X12/X13/X14/X15 - DEUTSCH CONNECTOR *X9/X10/X11 - PACKARD CONNECTOR *X16 - ANDERSON		A1 IDRIVE CONTROL A2 CPU CONTROL A3 TCU CONTROL G1-G3 BATTERY 12V M1 VACUUM MOTOR M2 VACUUM MOTOR M3 TRACTION MOTOR M4 BRUSH MOTOR M5 DECK ACTUATOR M6 VACUUM ACTUATOR S0 E STOP S1 KEY SWITCH S3 F/R SWITCH S4 PLATFORM SWITCH S5 WATER SWITCH S6 HORN SWITCH S7 OFF/AISLE TOOL SWITCH Q1 MAIN ROTARY K3 OFF/AISLE TOOL RELAY Y1 BRAKE Y2 WATER SOLENOID V8 HOUR METER V9 TRUECHARGE H1 WATER LED H2 HORN F1 PCB 60A - U2 F2 IDRIVE 60A - U2 ⓑ F3 TCU 0.5A **X12/X13/X14/X15 - DEUTSCH CONNECTOR *X9/X10/X11 - PACKARD CONNECTOR *X16 - ANDERSON	
A				
	4	3	2	1

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TOLERANCES: UNLESS OTHERWISE NOTED INCH .X ± 0.1 .XX ± 0.03 .XXX ± 0.010		MILLIMETERS X ± 3 X,X ± 0.8 X,XX ± 0.25  ± 1.0°		DESCRIPTION: GRP, ELECTRICAL, CE26 TELEMATICS
SIZE B	SCALE: NONE	DRAWING NUMBER: 86414360	REV B	
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.	DRAWN BY: RJC	DATE: 02-29-16	 THIRD ANGLE PROJECTION	SHEET: 7 OF 7

REVISION				
REV	DESCRIPTION	ECN	REV BY	DATE
A	RELEASE FOR PRODUCTION	5031516	JA	06-22-18

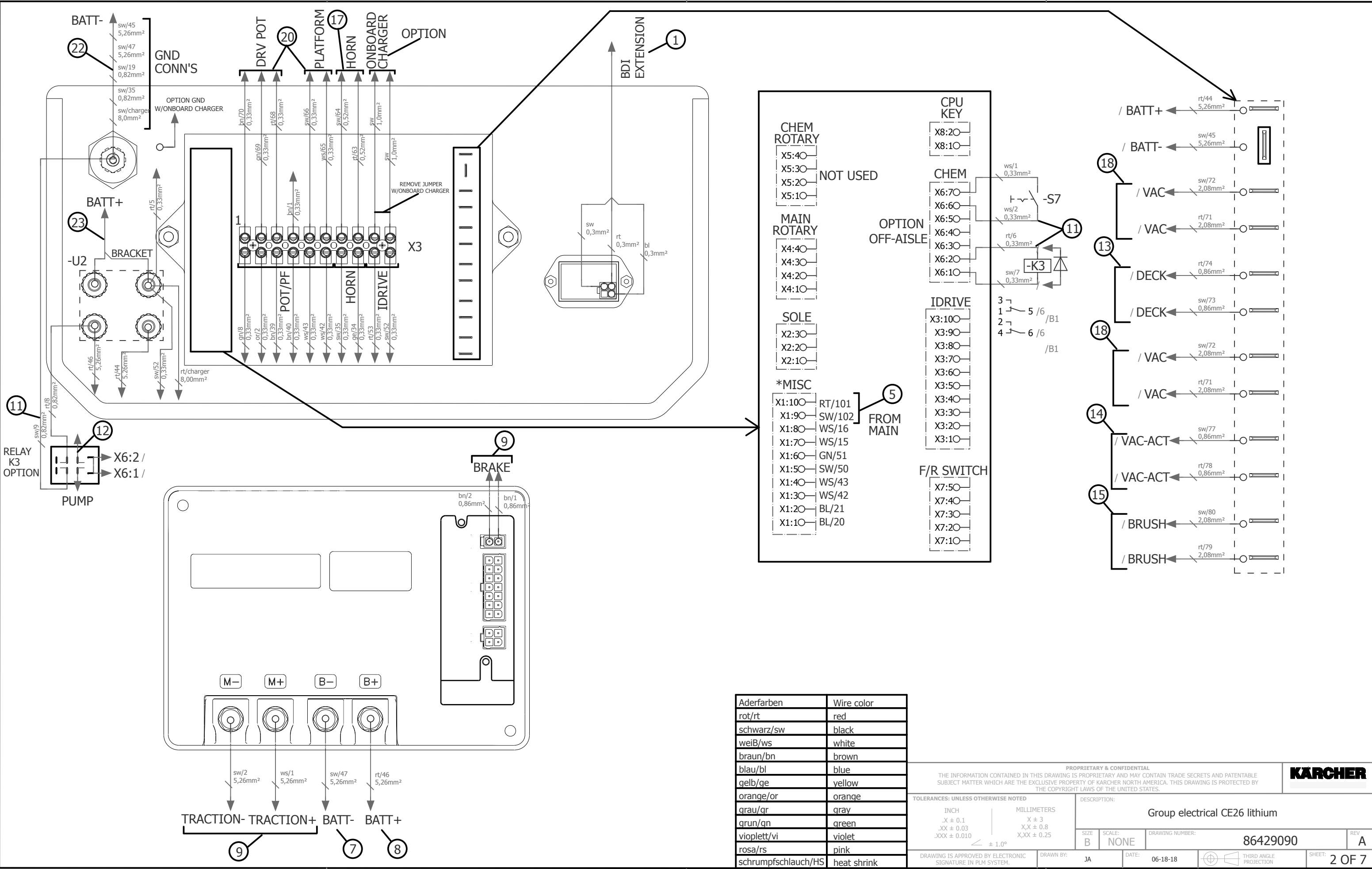


1 CONNECTIONS WITH * MADE TO *MISC CONNECTOR PAGE 2 OF 7.

24	86008760	CONNECTOR 175 DCA GRY		NOT SHOWN
23	86010850	WIRE, 4X20 RD CTERM		
22	86010860	WIRE, 4X20 BK CTERM	1	
21	86361910	HARNESS, PLATFORM PNL, CS26	1	PART OF 86414320
20	86366520	HARNESS, PLATFORM, CS26	1	
19	86366540	HARNESS, MAIN ROTARY, CS26	1	PART OF 86414330
18	86366610	HARNESS, VACUUM, CS26	1	
17	86366620	HARNESS, HORN, CS26	1	PART OF 86414320
16	86367100	LED, WATER INDICATOR	2	PART OF 86414330
15	86372630	HARNESS, BRUSH, iEXTRACT26	1	PART OF 86414320
14	86372640	HARNESS, VACUUM ACT, iEXTRACT26	1	PART OF 86414320
13	86372650	HARNESS, DECK ACT, iEXTRACT26	1	PART OF 86414320
12	86391730	HARNESS, RELAY/SWITCH,O-A,iEXTRACT26	1	OPTION
11	86391740	HARNESS, PUMP,OFF-AISLE,iEXTRACT26	1	OPTION
10	86399880	HARNESS, EXTENSION CE26	1	NOT SHOWN
9	86401500	HARNESS, BRAKE/DRIVE, CE26	1	
8	86401510	CABLE, CTRLR BATTERY POS, CE26	1	PART OF 86414330
7	86401520	CABLE, CTRLR BATTERY NEG, CE26	1	PART OF 86414330
6	86413590	HARNESS, TCU	1	
5	86414310	HARNESS, SOLENOID, TELEMATICS	1	PART OF 86414320
4	86414320	HARNESS, MAIN, CE26 W/TELEMATICS	1	NOT SHOWN
3	86414330	HARNESS, PANEL, CE26 W/TELEMATICS	1	
2	86428620	Harness lithium battery	1	
1	86428780	Harness lithium BDI extension	1	

REF	PART NO	DESCRIPTION	QTY	REMARKS
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TOLERANCES: UNLESS OTHERWISE NOTED				
INCH .X ± 0.1 .XX ± 0.03 .XXX ± 0.010		MILLIMETERS X ± 3 X,X ± 0.8 X,XX ± 0.25		DESCRIPTION: Group electrical CE26 lithium
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: JA	DATE: 06-18-18	THIRD ANGLE PROJECTION
SIZE B		SCALE: NONE	DRAWING NUMBER: 86429090	REV A
SHEET: 1 OF 7				

Aderfarben	Wire color
rot/rt	red
schwarz/sw	black
weiß/ws	white
braun/bn	brown
blau/bl	blue
gelb/ge	yellow
orange/or	orange
grau/gr	gray
grün/gn	green
violett/vi	violet
rosa/rs	pink
schrumpfschlauch/HS	heat shrink



Aderfarben	Wire color
rot/rt	red
schwarz/sw	black
weiß/ws	white
braun/bn	brown
blau/bl	blue
gelb/ge	yellow
orange/or	orange
grau/gr	gray
grün/gn	green
violett/vi	violet
rosa/rs	pink
schrumpfschlauch/HS	heat shrink

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TOLERANCES: UNLESS OTHERWISE NOTED

INCH	MILLIMETERS
.X ± 0.1	X ± 3
.XX ± 0.03	X,X ± 0.8
.XXX ± 0.010	X,XX ± 0.25

± 1.0°

DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.

DRAWN BY: JA

DATE: 06-18-18

DESCRIPTION: Group electrical CE26 lithium

SIZE B	SCALE: NONE	DRAWING NUMBER: 86429090	REV A
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THIRD ANGLE PROJECTION

SHEET: 2 OF 7

PROPRIETARY & CONFIDENTIAL

KÄRCHER

4

3

2

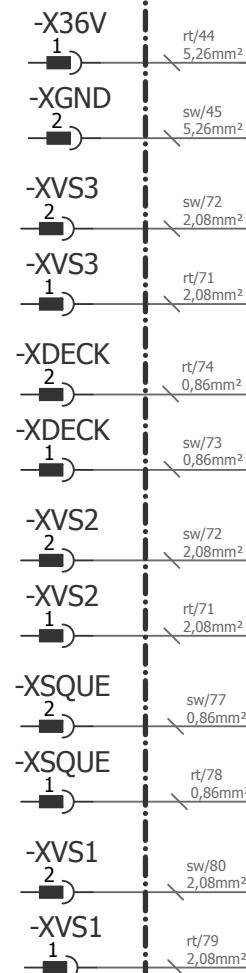
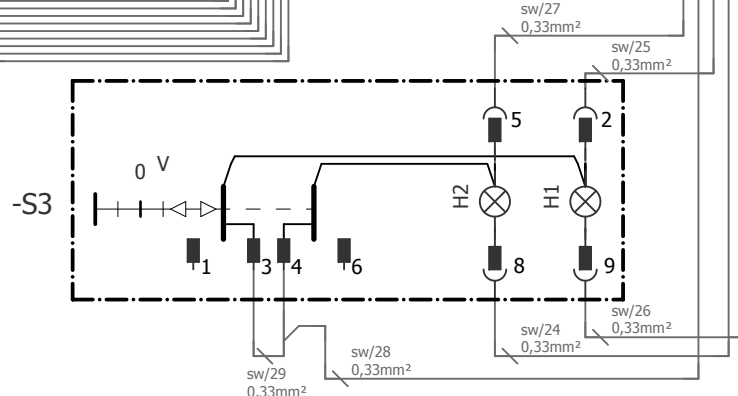
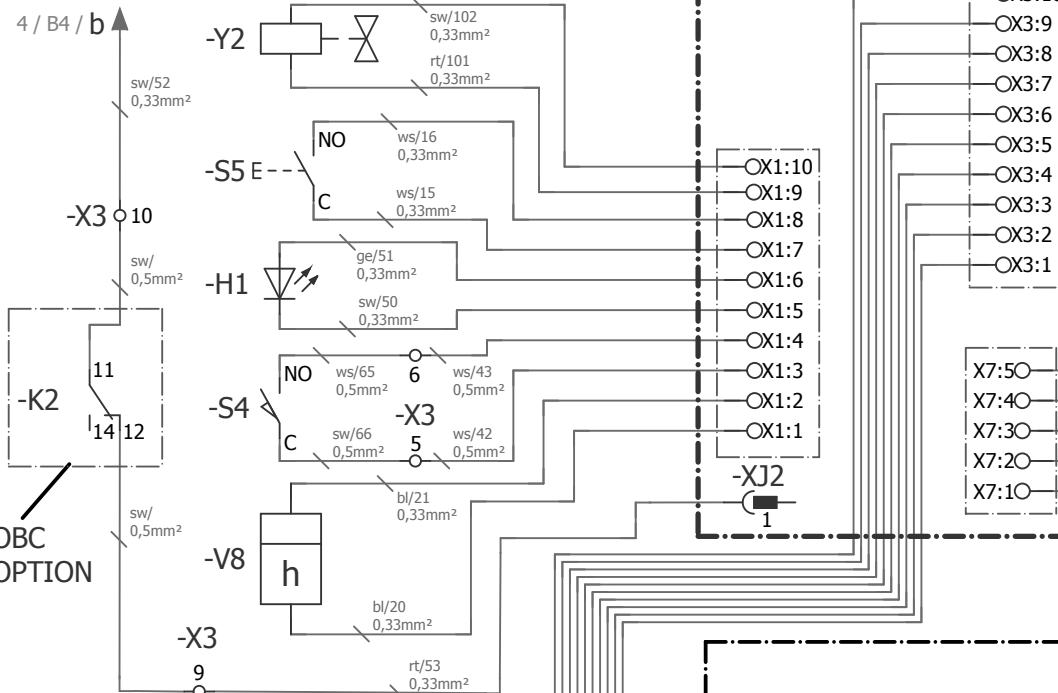
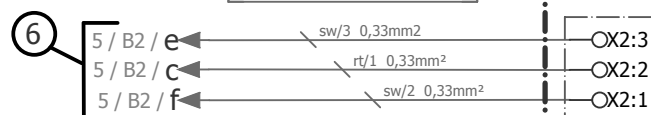
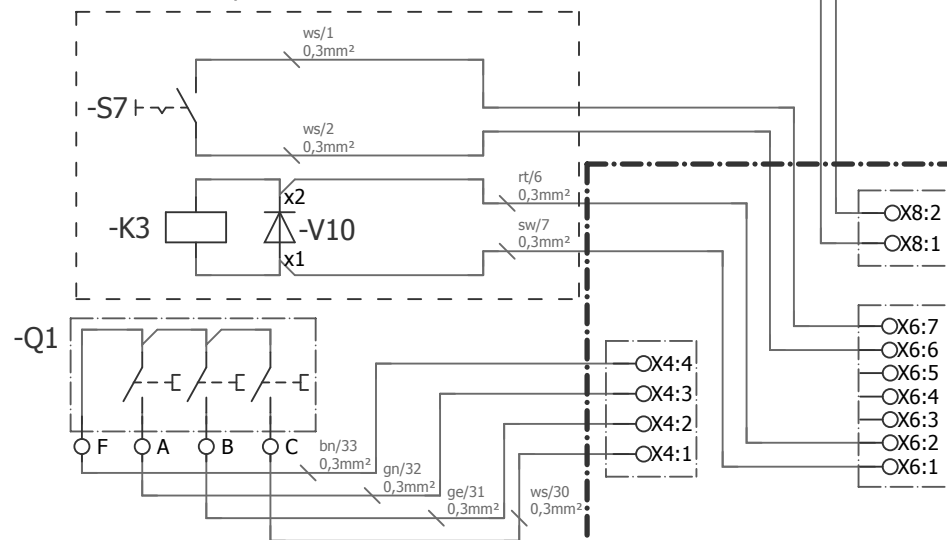
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3 / B1 / Ubatt

Ubatt / 3 / B4

4 / B2 / S
4 / A2 / TZ / 6 / B2
Y / 6 / B2
X / 6 / B2
W / 6 / B2

OPTION OFF/AISLE

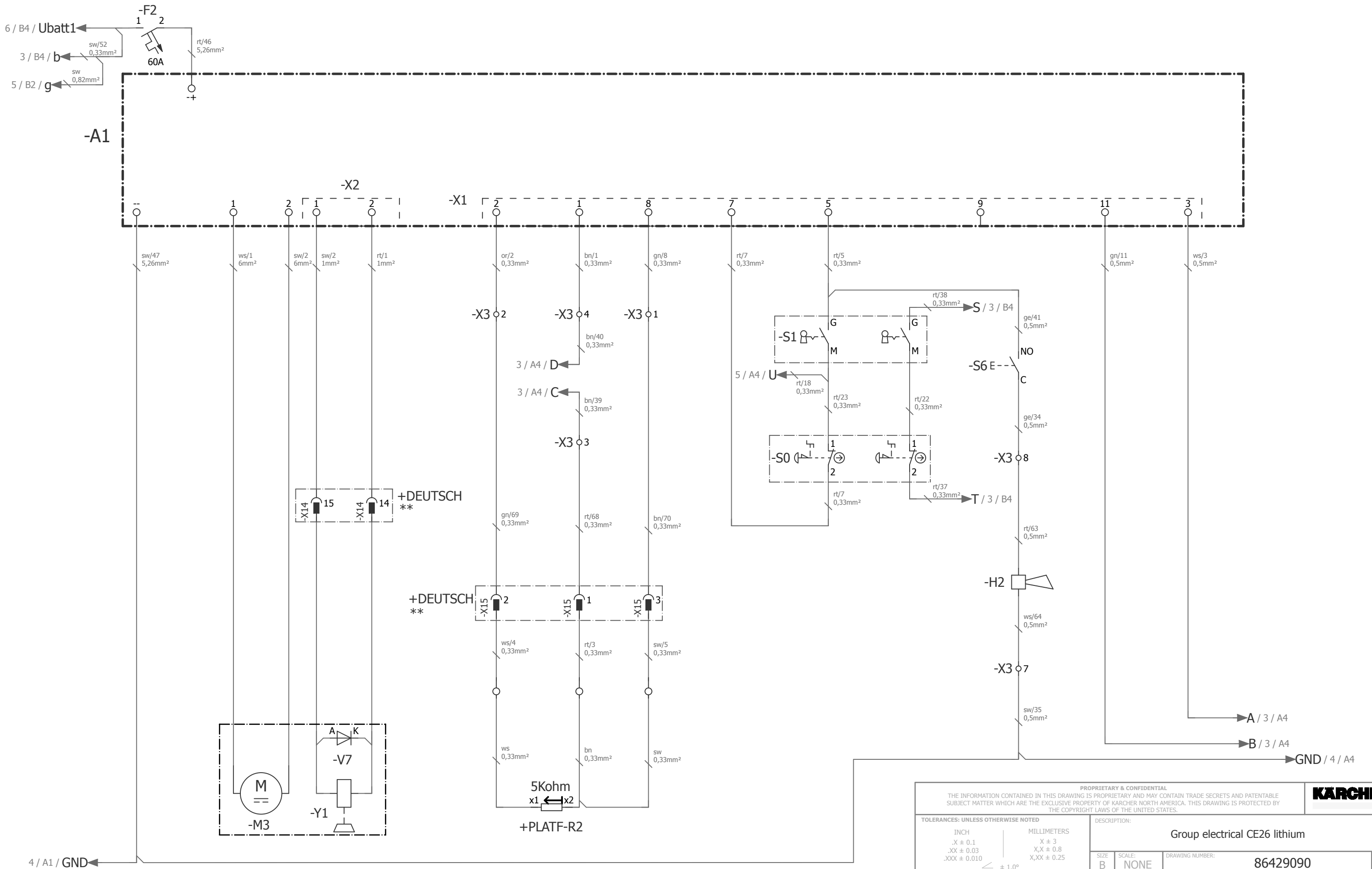


GND / 3 / A4

OBC
OPTION

3 / A1 / GND

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TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION:	
INCH .X ± 0.1 .XX ± 0.03 .XXX ± 0.010	MILLIMETERS X ± 3 X.X ± 0.8 X.XX ± 0.25	Group electrical CE26 lithium	
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		SIZE B	SCALE NONE
DRAWN BY: JA		DATE: 06-18-18	REV A
THIRD ANGLE PROJECTION		DRAWING NUMBER: 86429090	SHEET: 3 OF 7



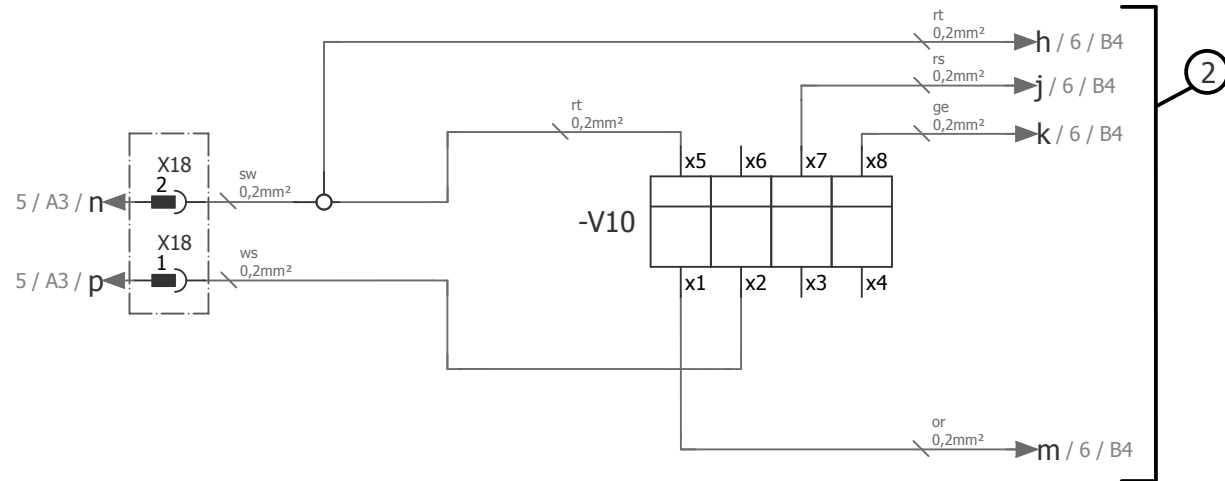
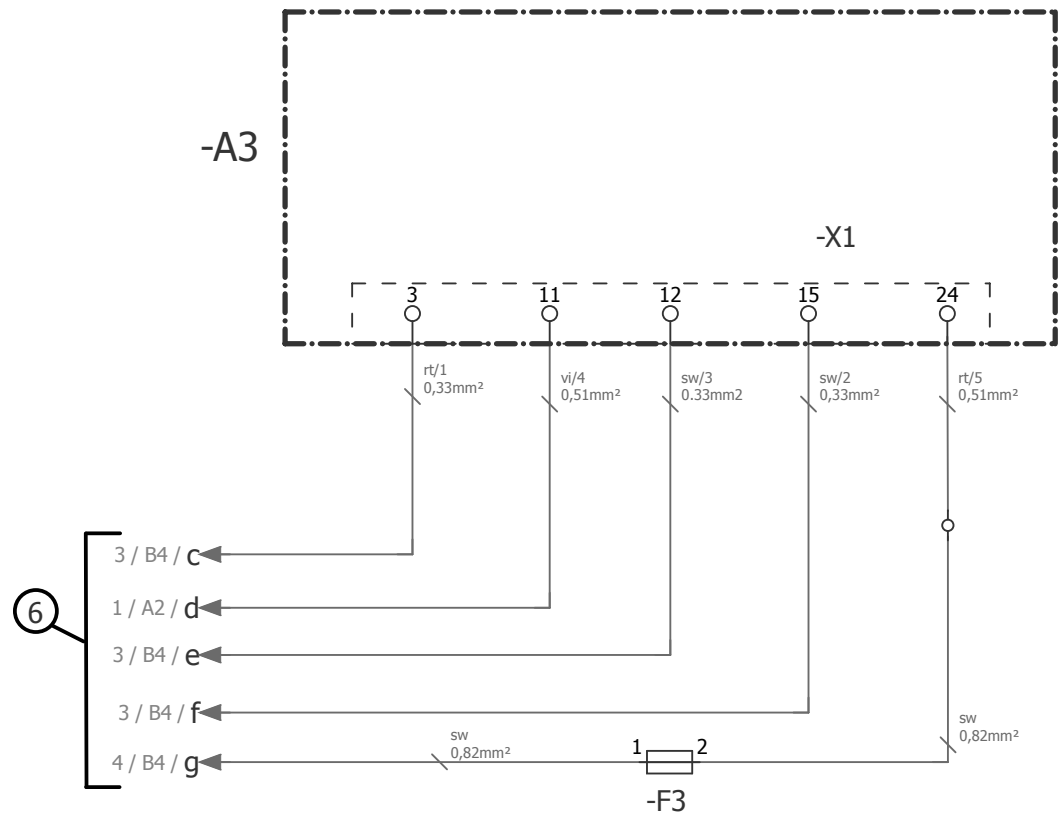
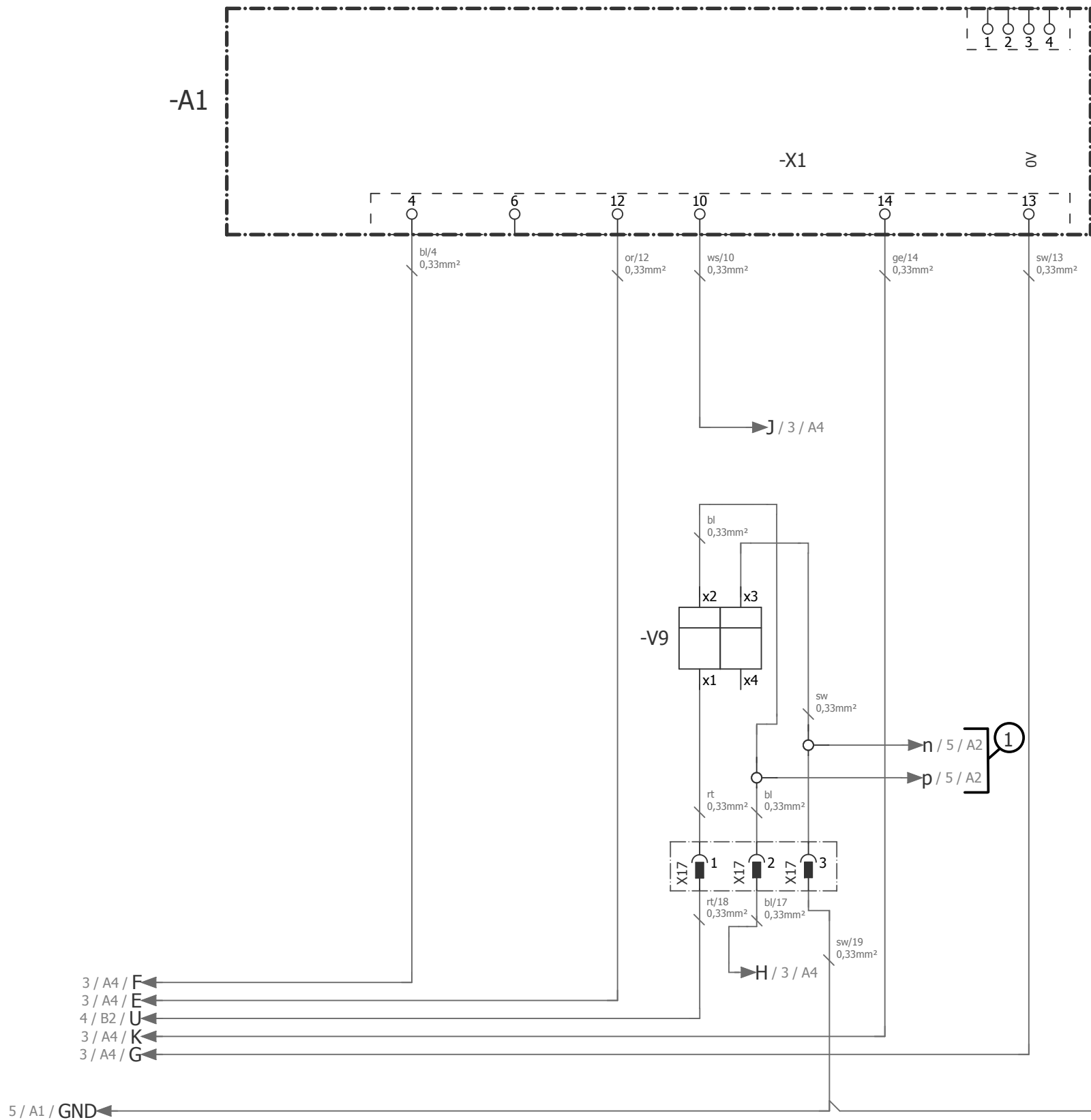
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TOLERANCES: UNLESS OTHERWISE NOTED				DESCRIPTION: Group electrical CE26 lithium	
INCH .X ± 0.1 .XX ± 0.03 .XXX ± 0.010		MILLIMETERS X ± 3 X.X ± 0.8 X.XX ± 0.25		SIZE B	SCALE: NONE
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY: JA		DATE: 06-18-18	
± 1.0°		THIRD ANGLE PROJECTION		SHEET: 4 OF 7	

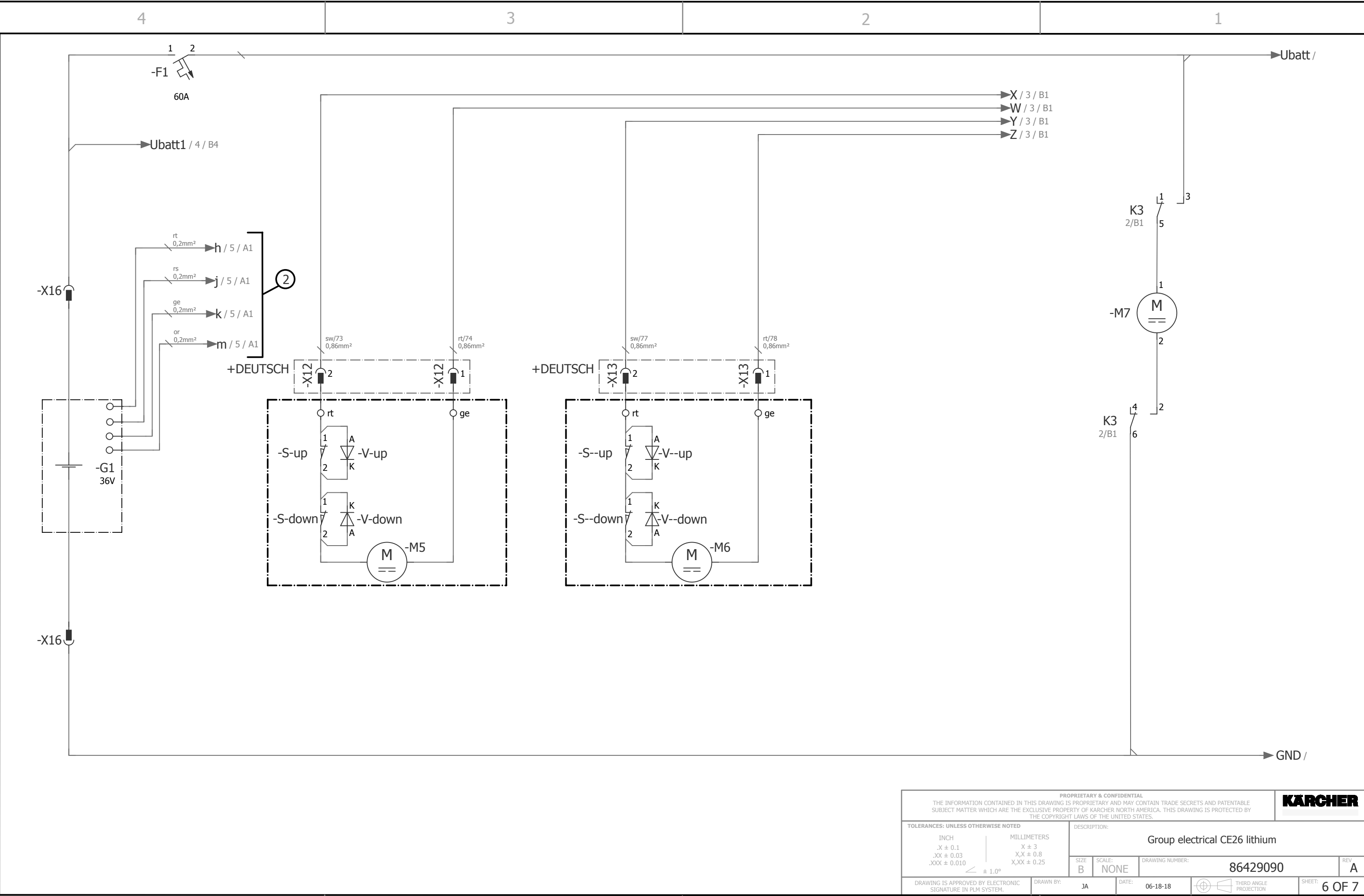
B

B

A

A





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KARCHER

TOLERANCES: UNLESS OTHERWISE NOTED		DESCRIPTION:	
INCH	MILLIMETERS	Group electrical CE26 lithium	
.X ± 0.1	X ± 3	SIZE	REV
.XX ± 0.03	X,X ± 0.8	B	A
.XXX ± 0.010	X,XX ± 0.25	SCALE:	
± 1.0°		NONE	
DRAWING IS APPROVED BY ELECTRONIC SIGNATURE IN PLM SYSTEM.		DRAWN BY:	DATE:
		JA	06-18-18
		THIRD ANGLE PROJECTION	
		SHEET: 6 OF 7	

4		3		2		1	
D				GB			
A1 FAHRSTEUERUNG A2 CPU A3 TCU G1 BATTERY 36V M1 SAUGLEISTE M2 SAUGLEISTE M3 FAHRMOTOR M4 BURSTENMOTOR M5 HUBMOTOR M6 MOTOR-SAUGTURBINE M7 OFF-GANG-PUMPENMOTOR S0 NOT-AUS S1 SCHLUSSELSCHALTER S3 TASTER-VORW/RUCKW S4 PLATTFORM S5 VASSER S6 TASTER-HUPE S7 OFF-GANG-WERKZEUGSCHALTER Q1 MAIN PROGRAMMSCHALTER K3 OFF-GANG-WERKZEUGRELAIS Y1 MAGNETBREMSE Y2 WATER SOLENOID V8 BETRIEBSSTUNDENZAHLER V9 TRUECHARGE V10 LITHIUM BDI H1 LED H2 HUPE F1 PCB 60A F2 IDRIVE 60A F3 TCU 0,5A **X12/X13/X14/X15 - DEUTSCH CONNECTOR *X9/X10/X11 - PACKARD CONNECTOR *X16 - ANDERSON *X17/X18 - MOLEX		A1 IDRIVE CONTROL A2 CPU CONTROL A3 TCU CONTROL G1 BATTERY 36V M1 VACUUM MOTOR M2 VACUUM MOTOR M3 TRACTION MOTOR M4 BRUSH MOTOR M5 DECK ACTUATOR M6 VACUUM ACTUATOR M6 OFF/AISLE PUMP MOTOR S0 E STOP S1 KEY SWITCH S3 F/R SWITCH S4 PLATFORM SWITCH S5 WATER SWITCH S6 HORN SWITCH S7 OFF/AISLE TOOL SWITCH Q1 MAIN ROTARY K3 OFF/AISLE TOOL RELAY Y1 BRAKE Y2 WATER SOLENOID V8 HOUR METER V9 TRUECHARGE V10 LITHIUM BDI H1 WATER LED H2 HORN F1 PCB 60A - U2 F2 IDRIVE 60A - U2 F3 TCU 0.5A **X12/X13/X14/X15 - DEUTSCH CONNECTOR *X9/X10/X11 - PACKARD CONNECTOR *X16 - ANDERSON *X17/X18 - MOLEX					
4		3		2		1	

Serial Numbers

REF. NO.	MODEL: SERIAL #
1	10061670000260, 10061680000242, 10061780000001, 10061790000008
2	10061670000330, 10061680000307, 10061780000002, 10061790000014
3	10061670000385, 10061680000348, 10061780000008, 10061790000022
4	10061510000847, 10061530000110, 10061590000259, 10061610000042, 10061680000482, 10061790000064, 10125970000048
5	10061670000550, 10061680000620, 10061780000032, 10061790000125, 1006180000019, 10061860000037
6	10061880000011