OPERATOR MANUAL

SDS55-O

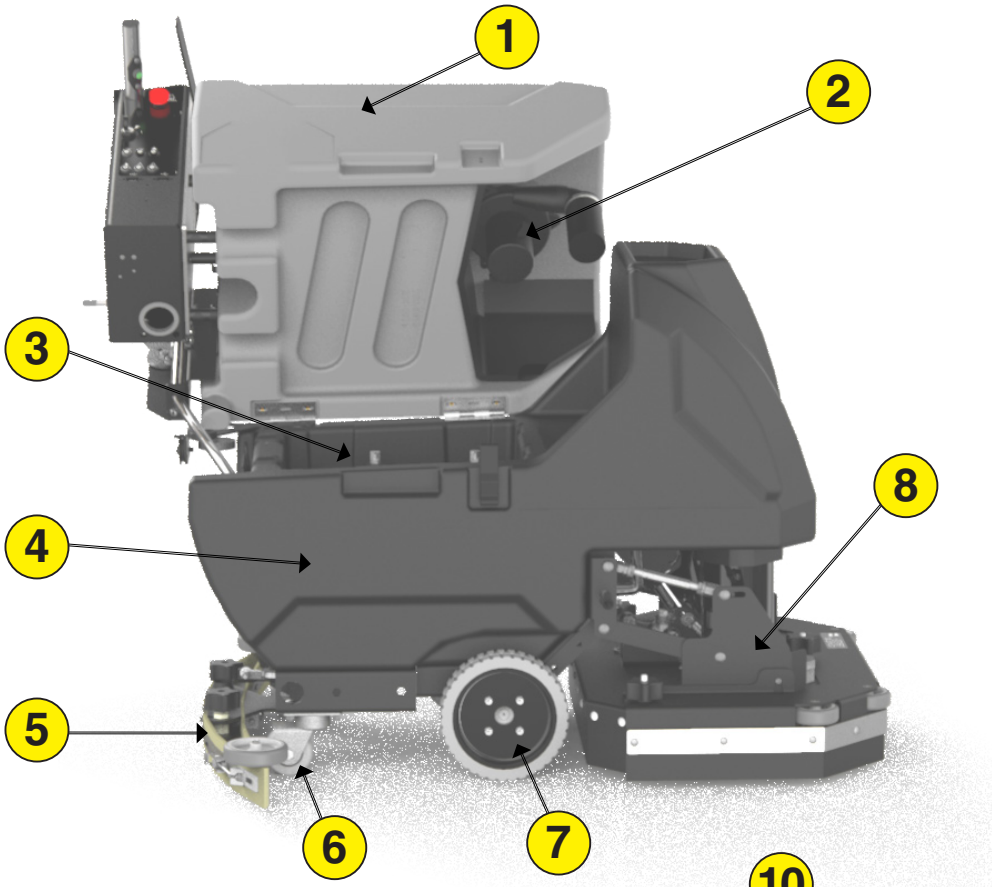
Super Duty Oscillating Scrubber

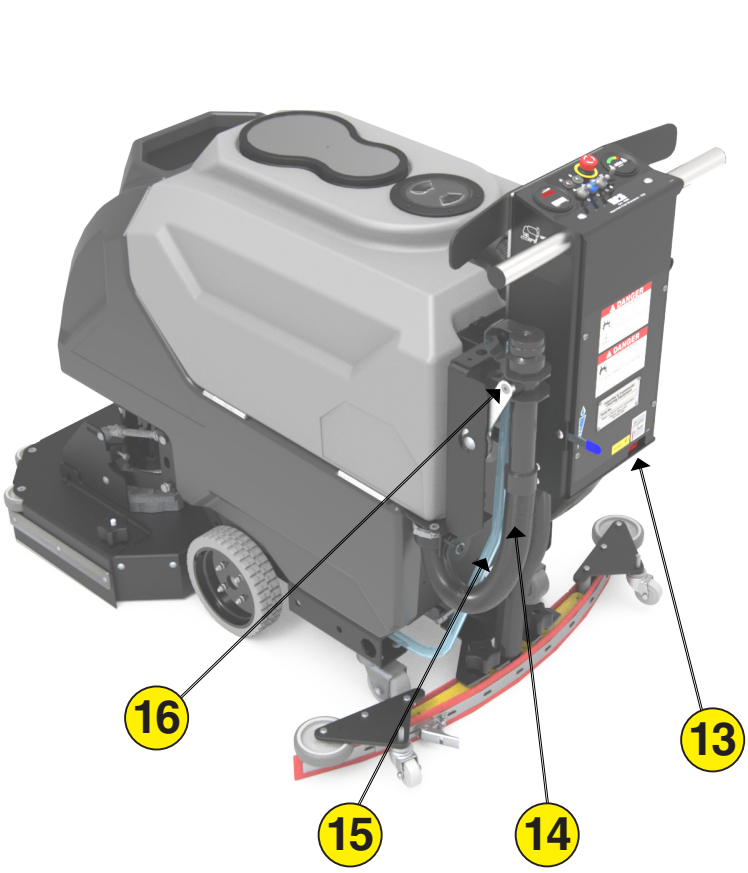
1800 100 150
sales@conquesteg.com
conquesteg.com

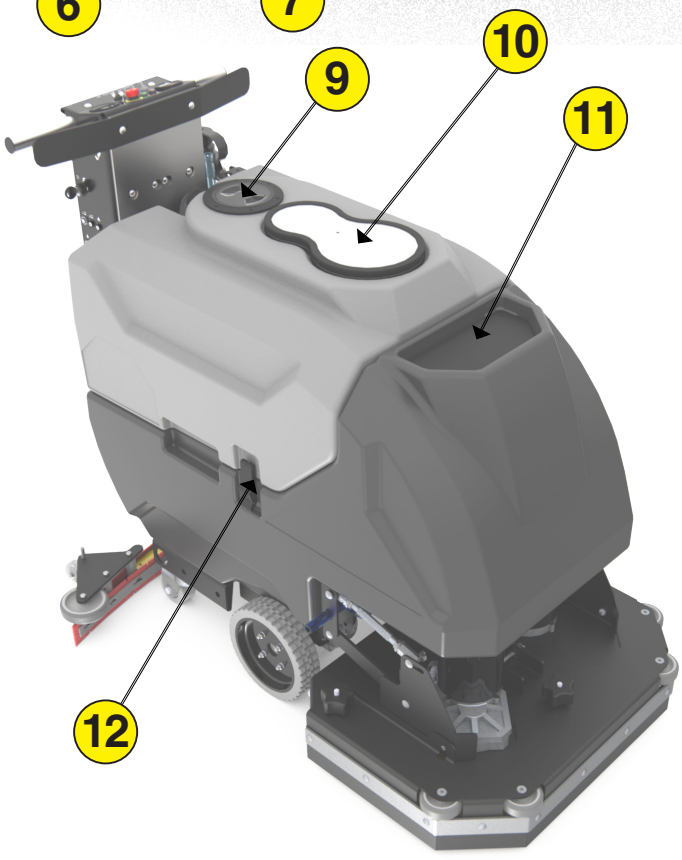
CONQUEST
With you, all the way

Machine Overview

1. Recovery Tank
2. Vac Motor
3. 3x 12VDC Batteries
4. Solution Tank
5. Squeegee
6. Rear Caster Wheel
7. Tire
8. Scrub Deck
9. Recovery Tank Clean Out
10. Foam Float Ball & White Filter
11. Solution Fill
12. Tank Latch
13. Charging Port
14. Recovery Drain Hose
15. Solution Sight Tube & Drain Hose
16. Squeegee Lever

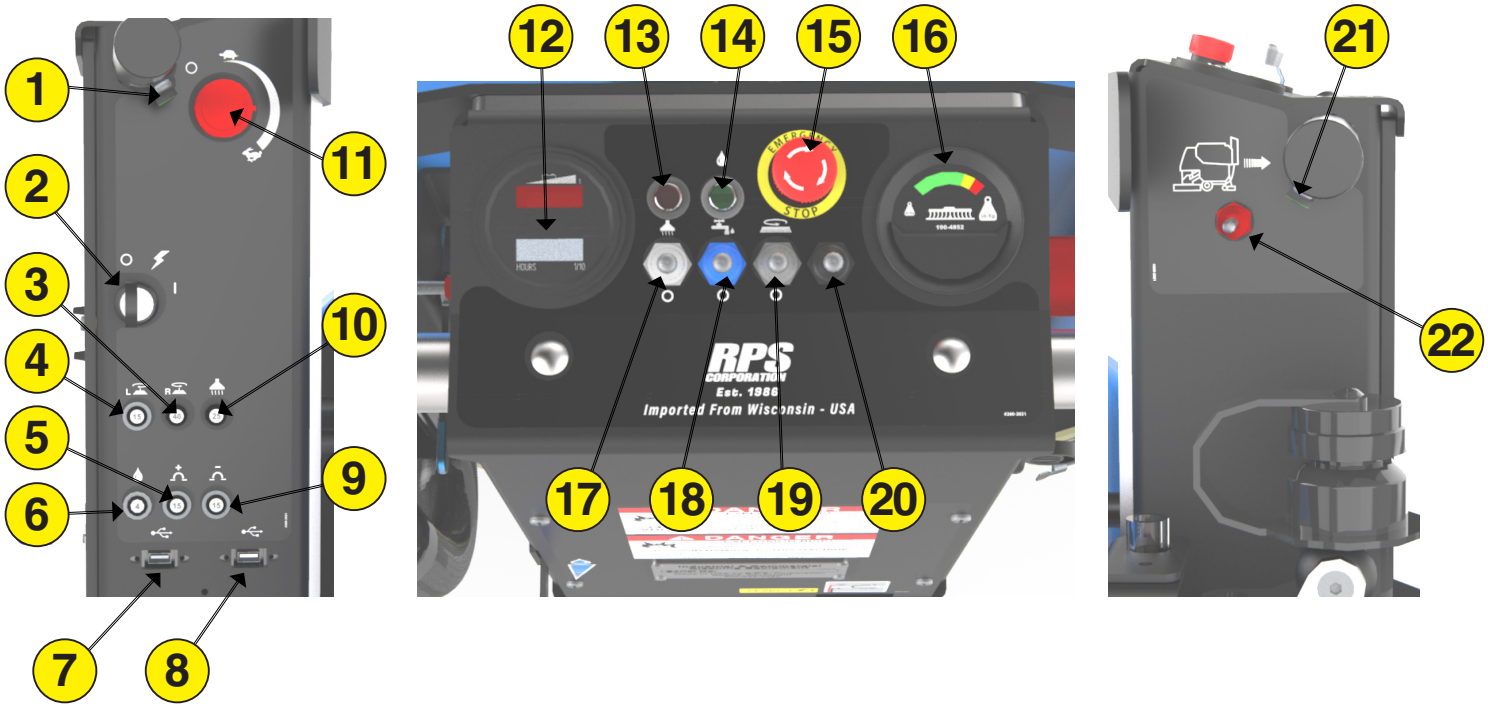




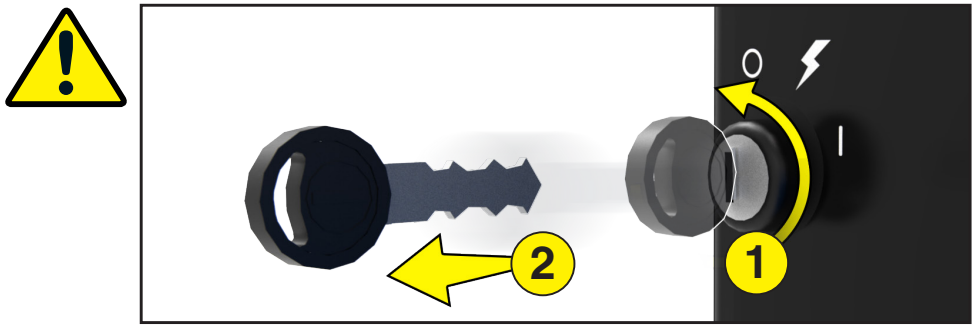


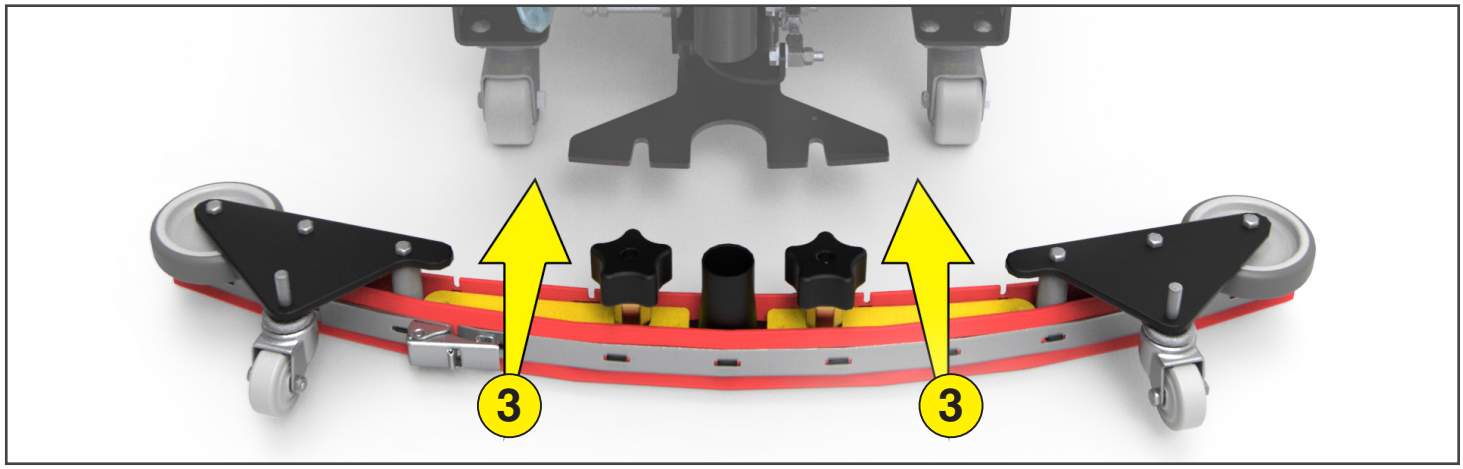
Central Command Overview

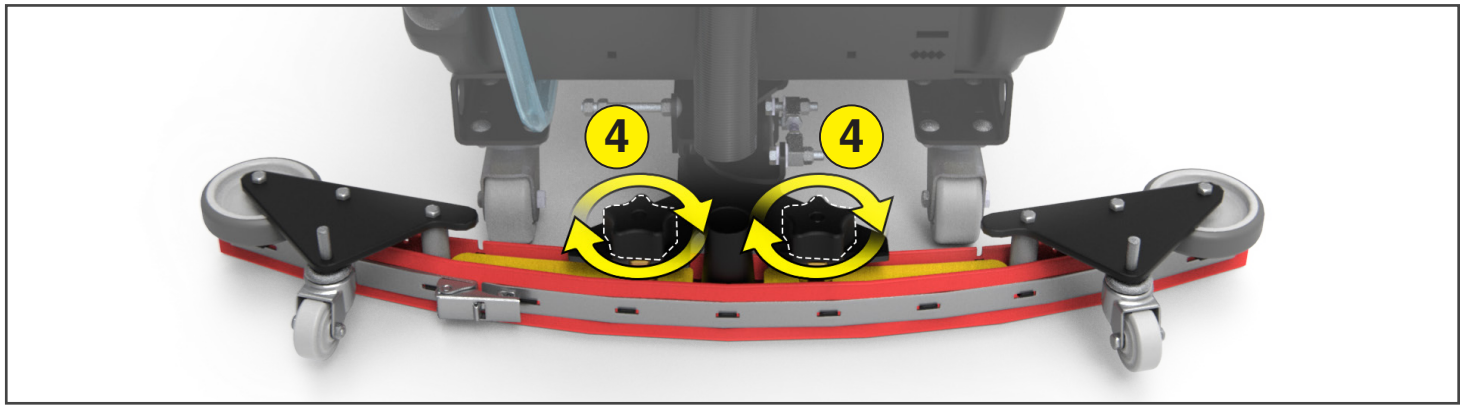
1. Drive Switch
2. Key Switch
3. Right Brush Circuit Breaker
4. Left Brush Circuit Breaker
5. Positive BUSS Circuit Breaker
6. Pump Circuit Breaker
7. USB Port (Optional)
8. USB Port (Optional)
9. Negative BUSS Circuit Breaker
10. Vac Circuit Breaker
11. Speed Control Knob
12. Battery Gauge/Hour Meter
13. Vac Clog Indicator Light (Optional)
14. Solution Indicator Light
15. E-Stop
16. Brush Pressure Gauge
17. Vac Switch I/O
18. Solution Switch I/O
19. Deck Switch Up (I) / Down (O)
20. Down Pressure Toggle Switch (Optional)
21. Drive Switch
22. Reverse Switch

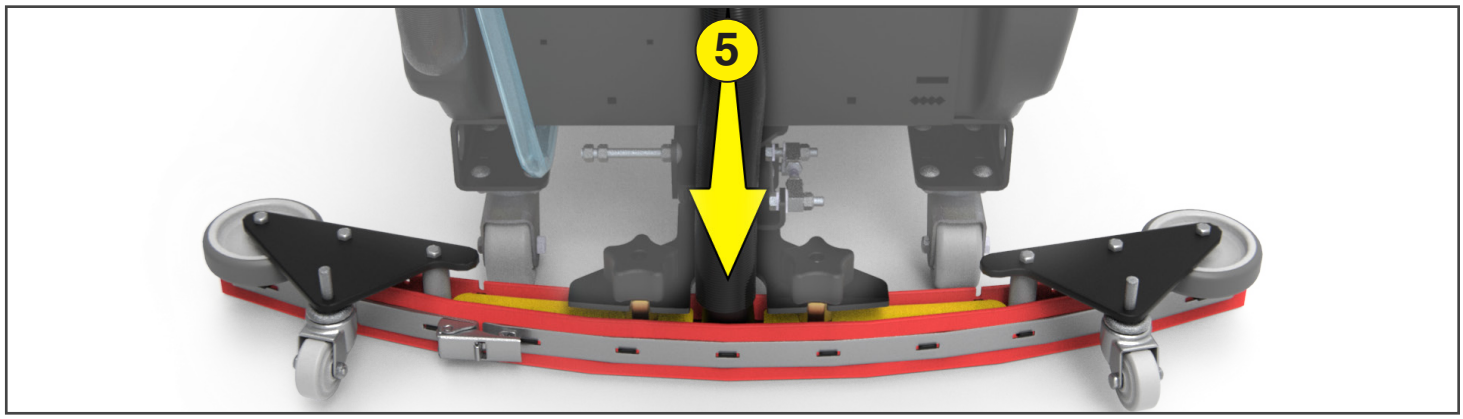


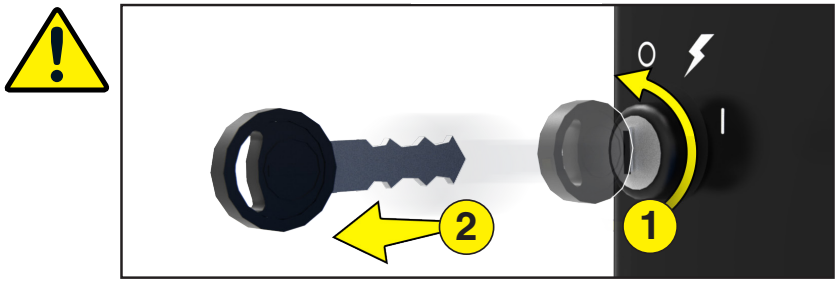
Squeegee Installation

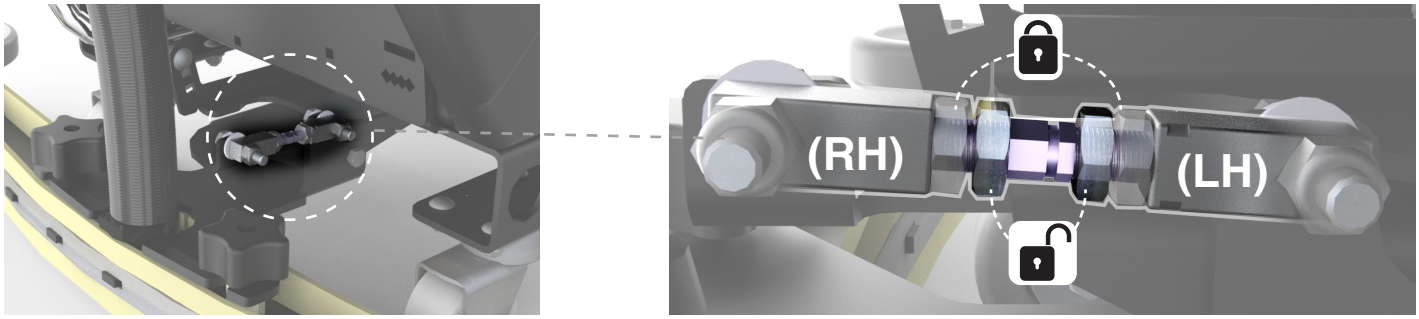


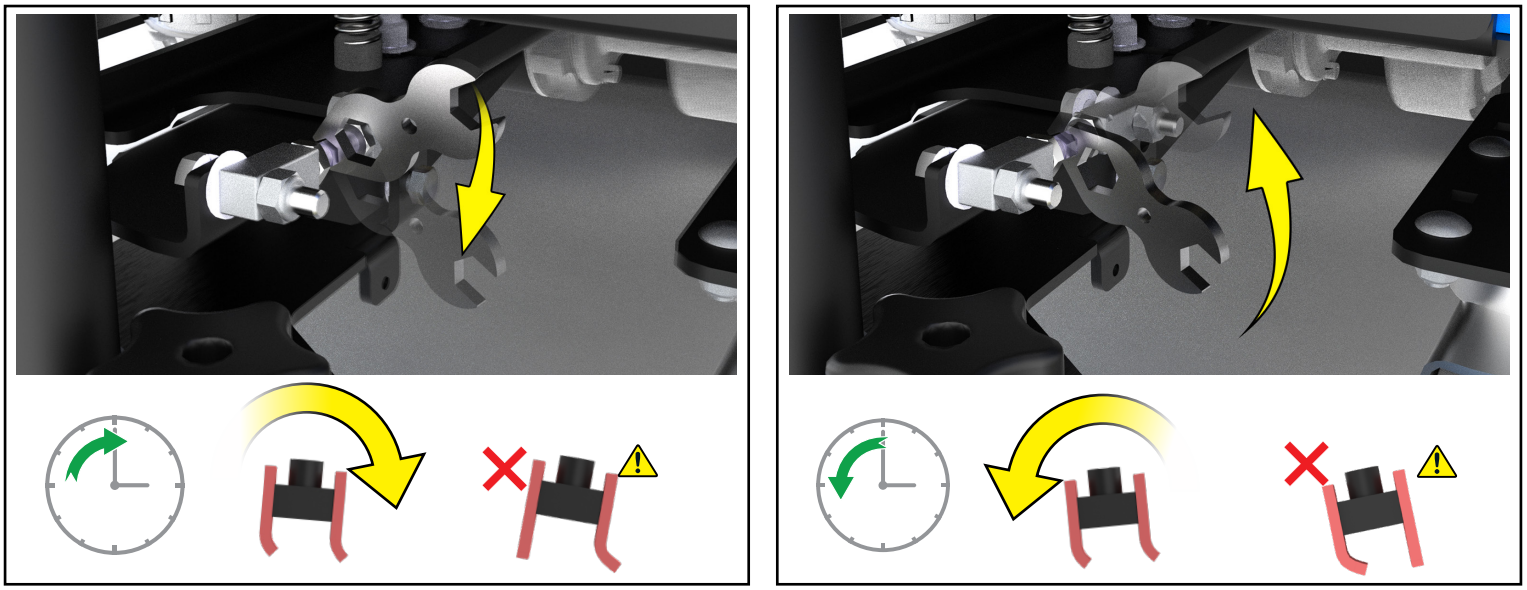


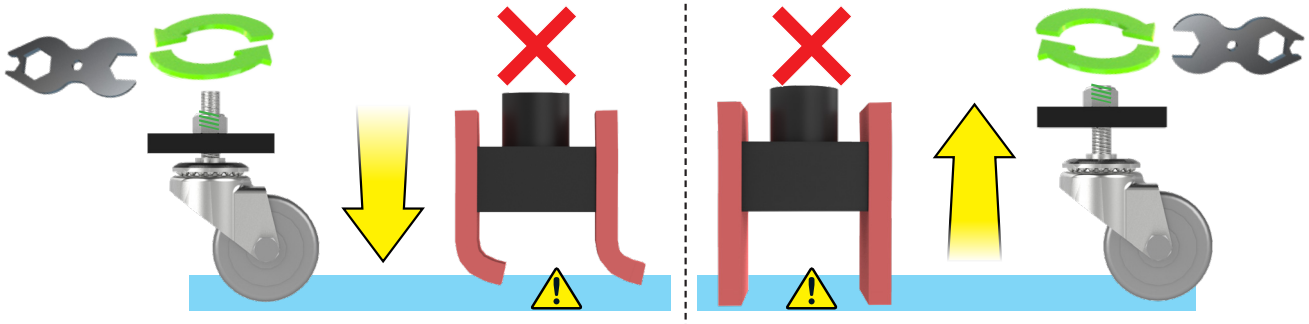


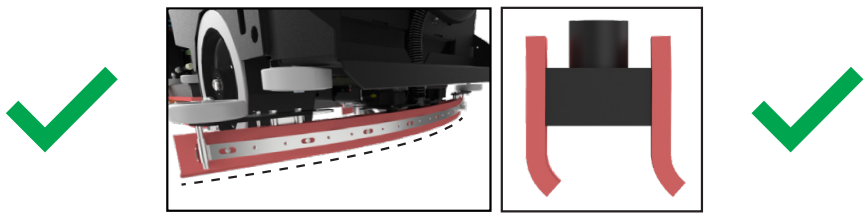






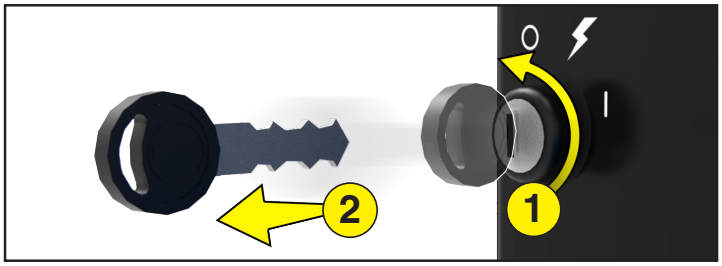


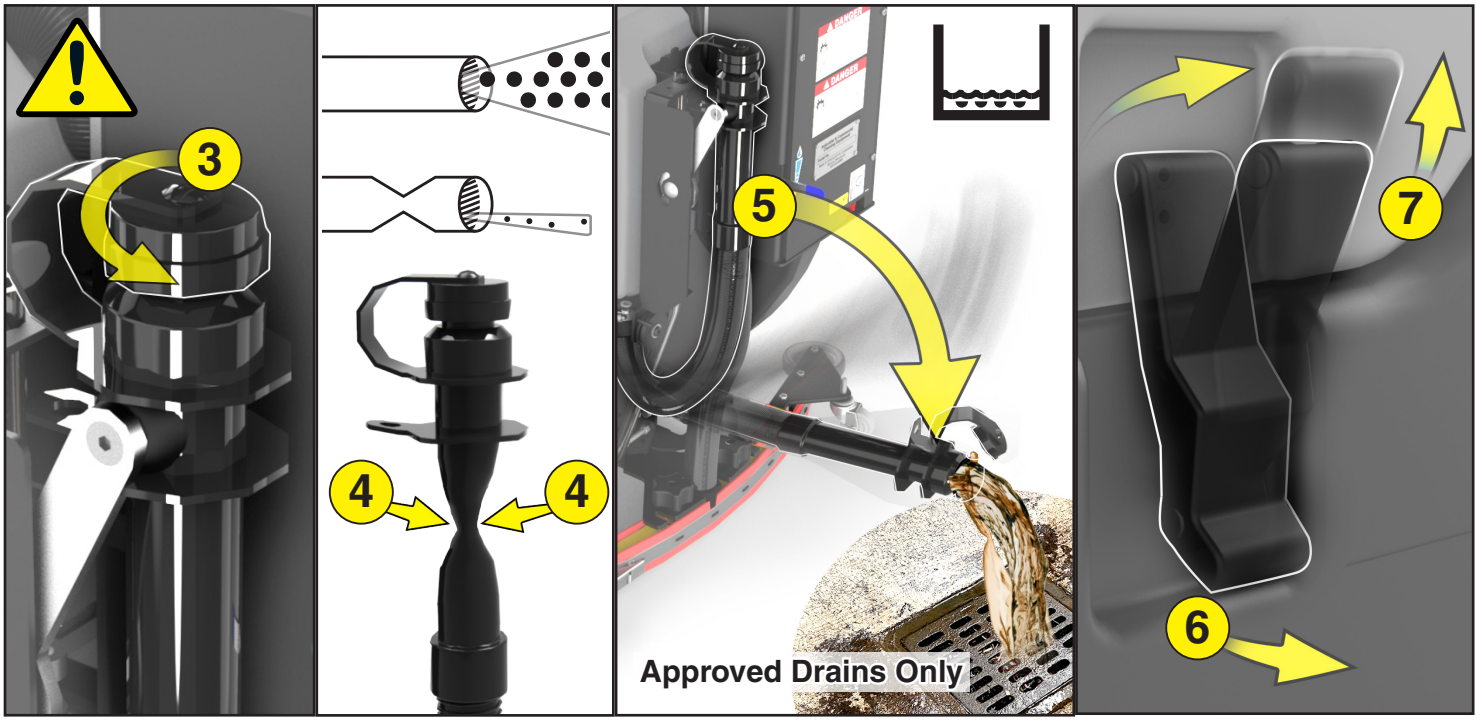




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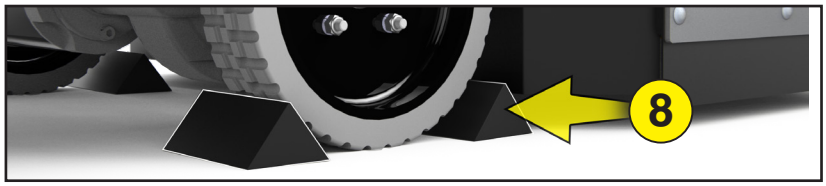
Battery Setup

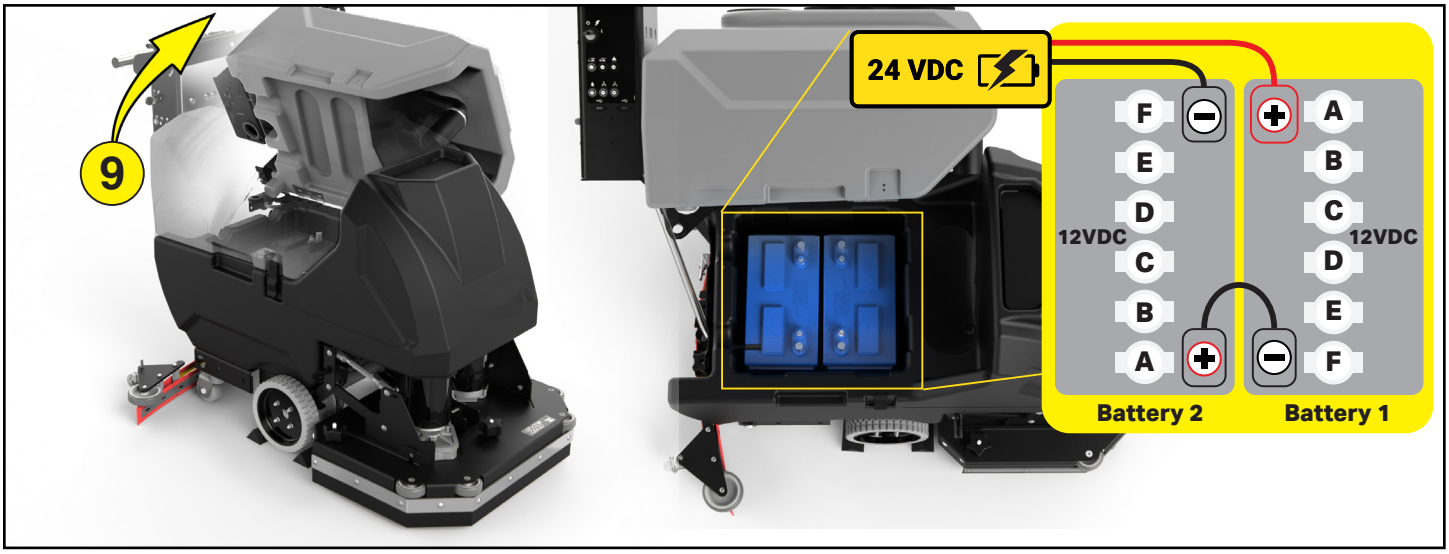




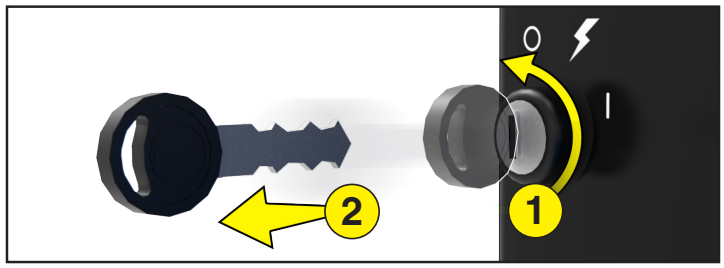


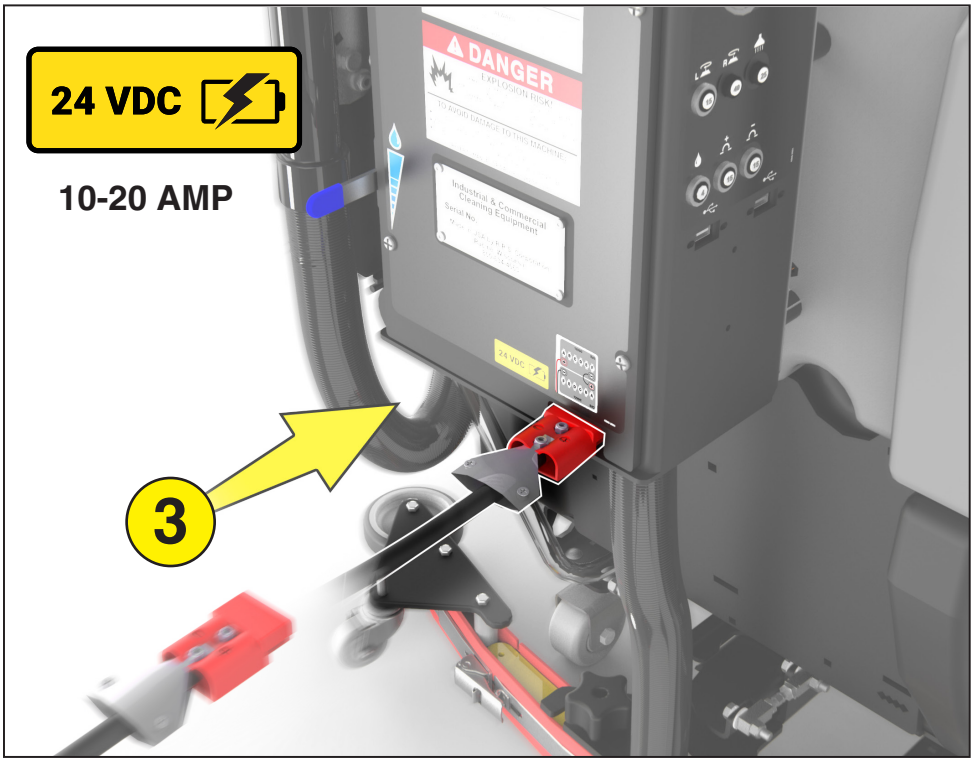
Machine On Level Ground

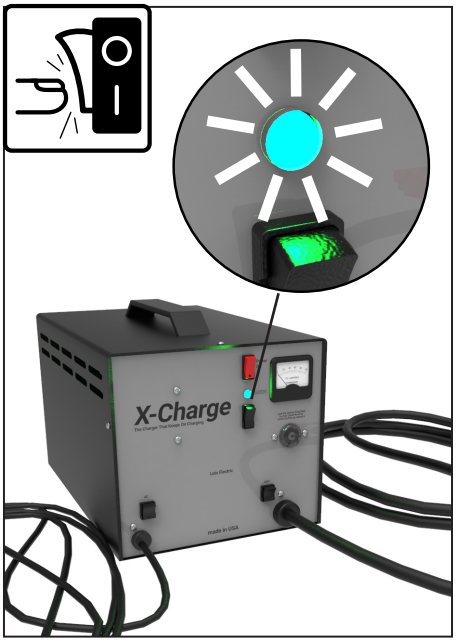


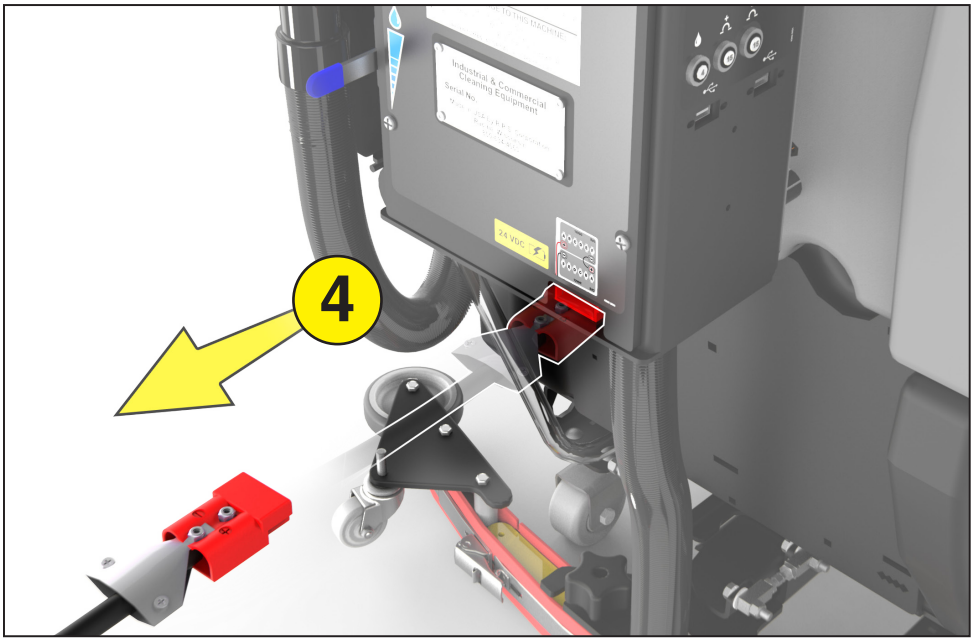


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O
I
1
2


24 VDC
10-20 AMP
DANGER
3

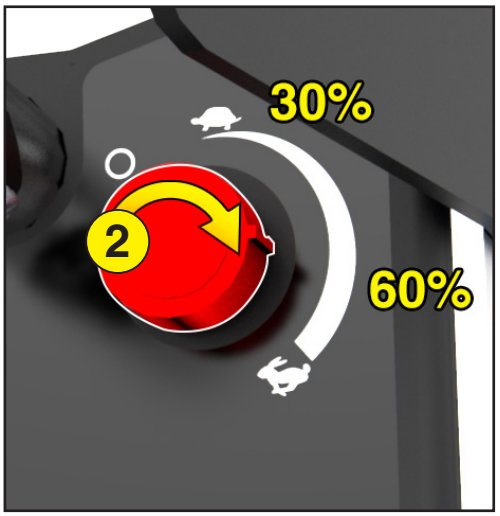

X-Charge

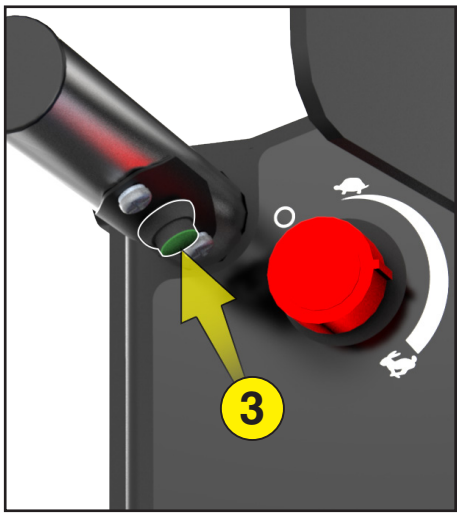

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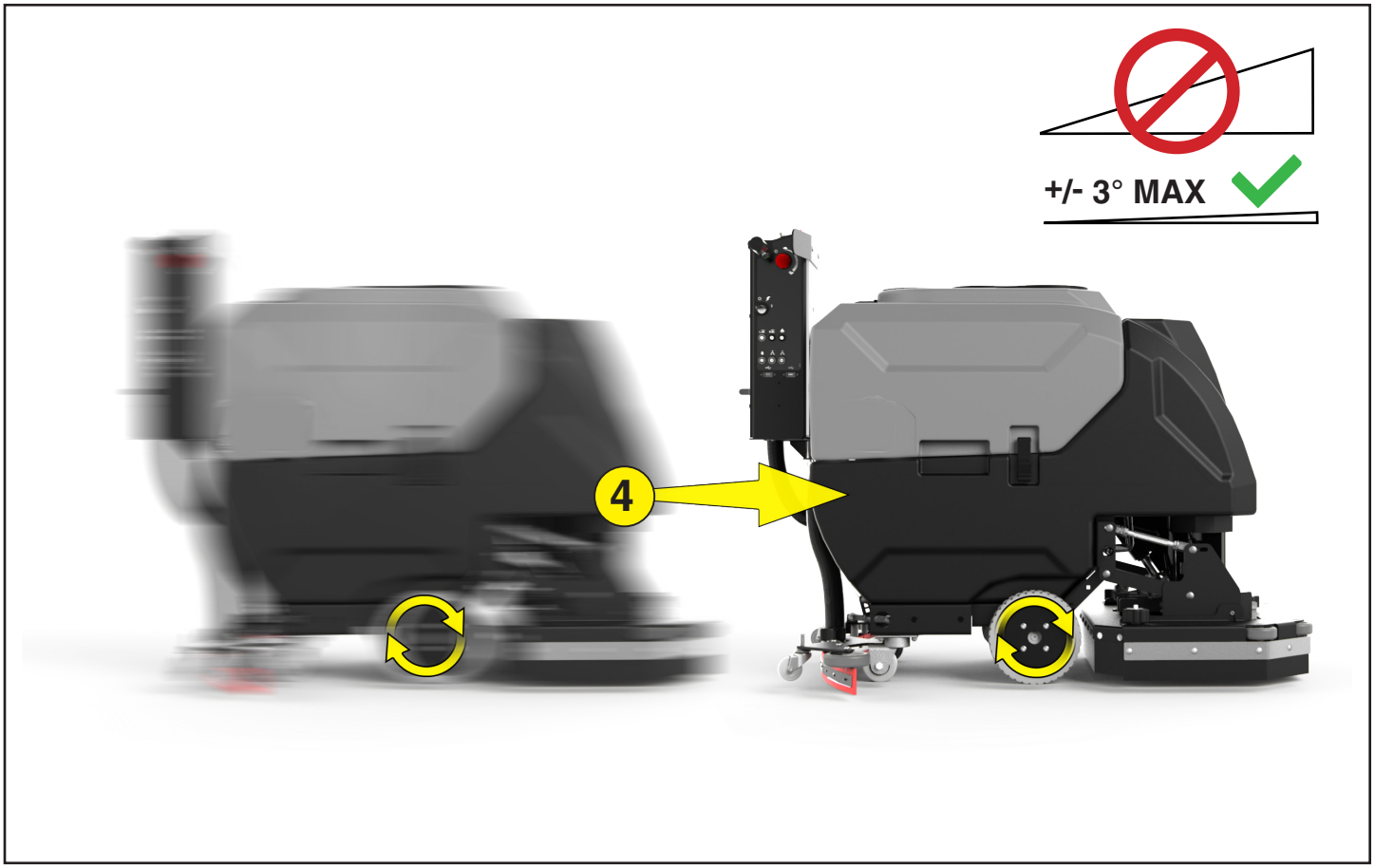

X-Charge

Forward Drive



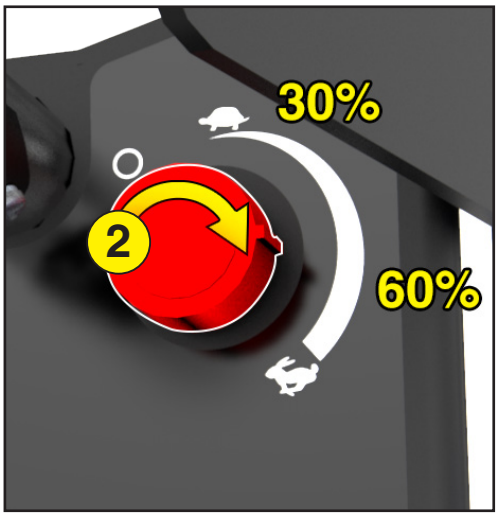


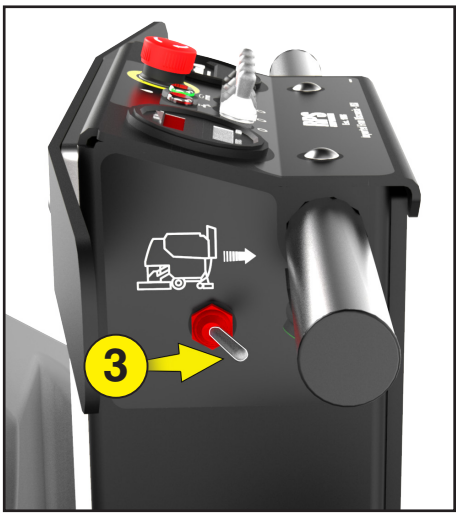


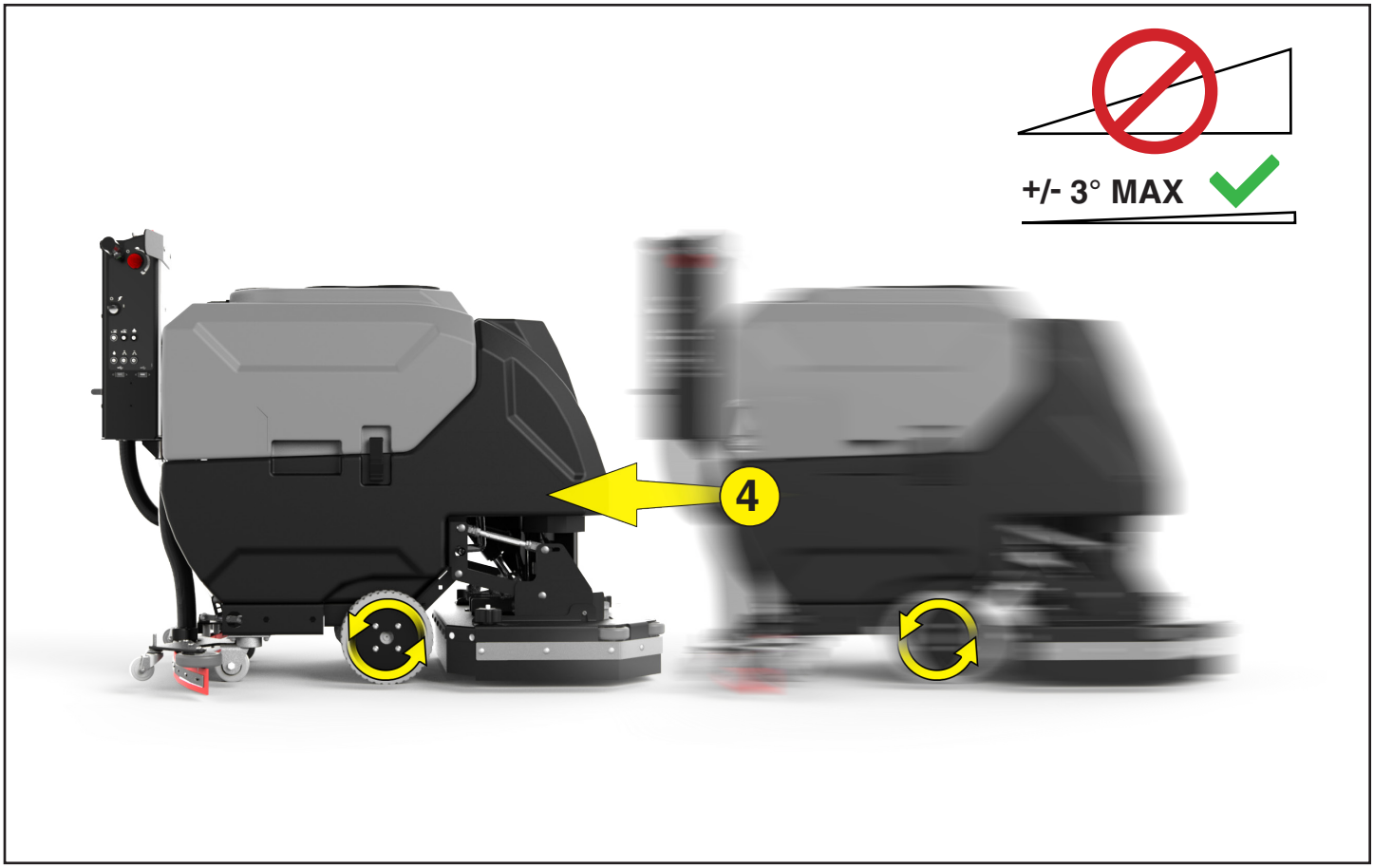


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1

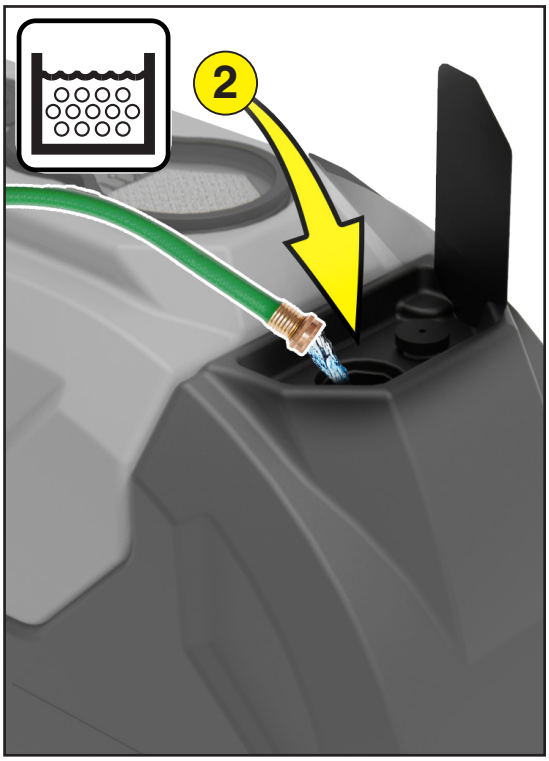

30%
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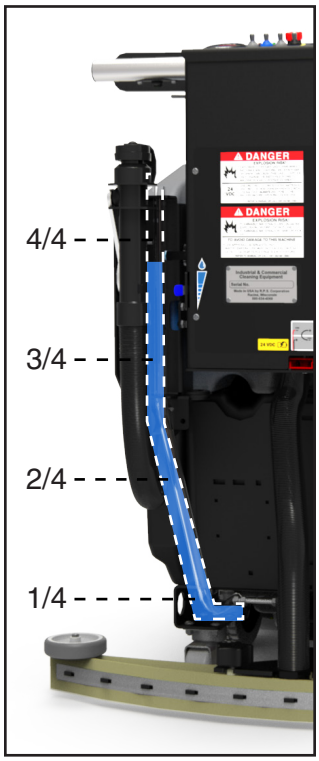

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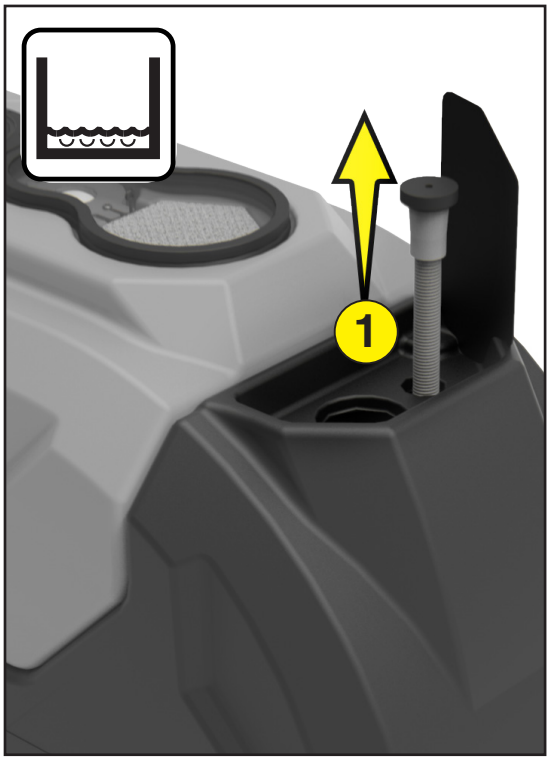

+/- 3° MAX
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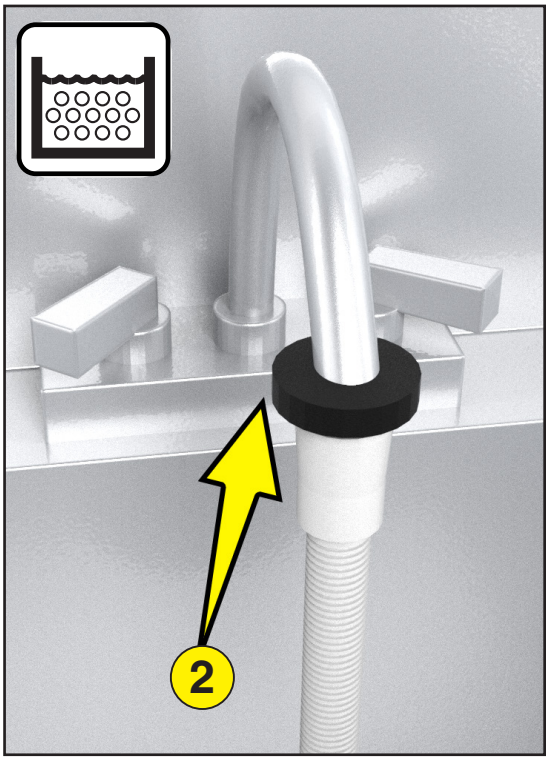
Fill Solution Tank

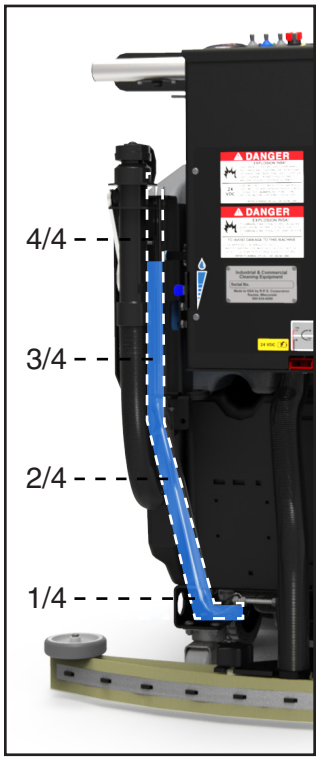




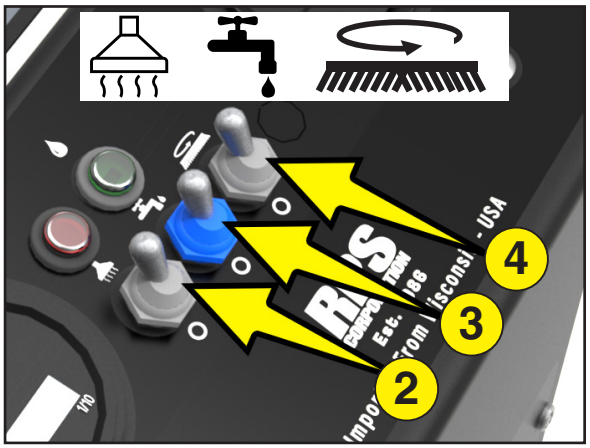


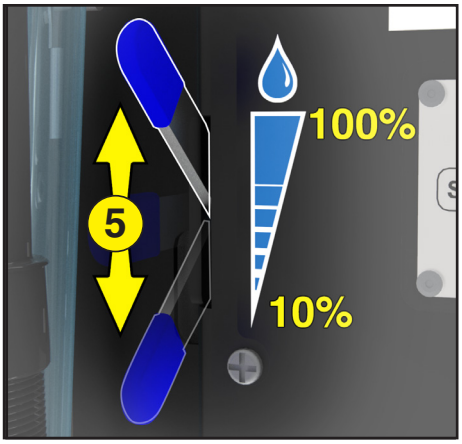


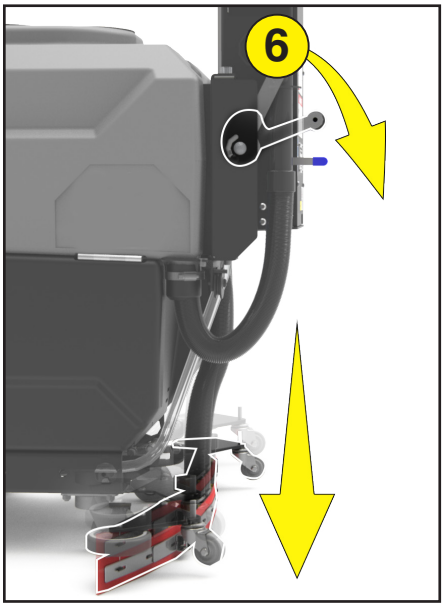


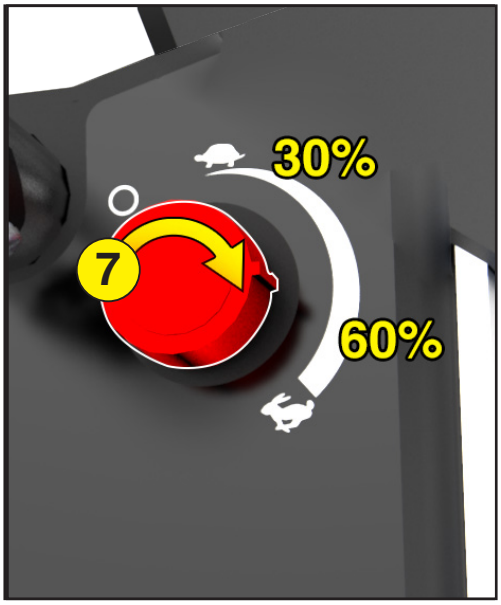


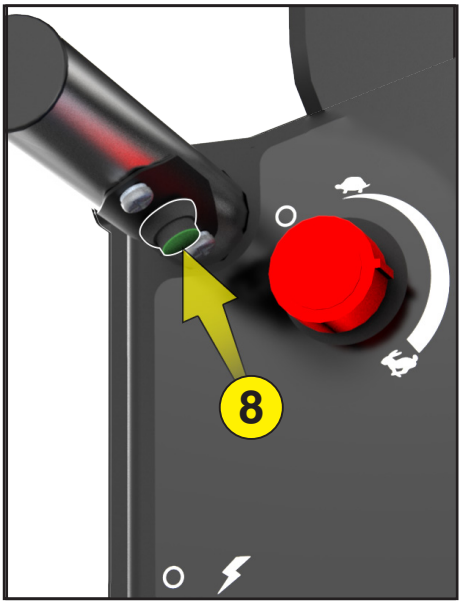

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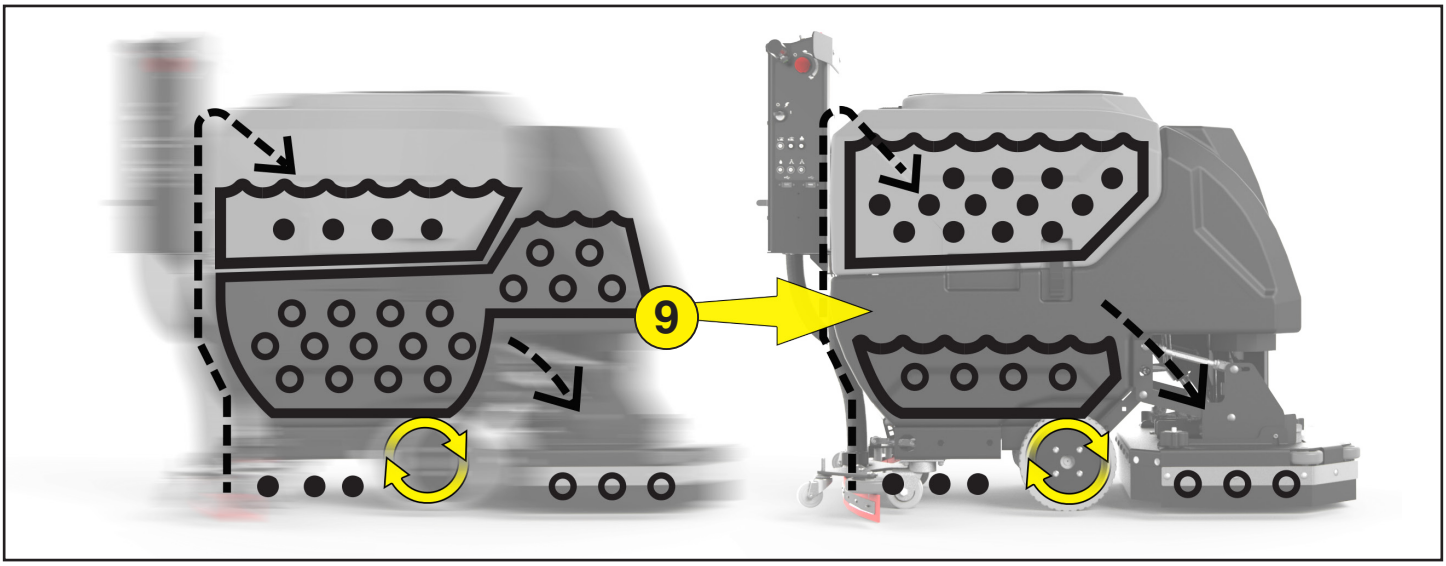

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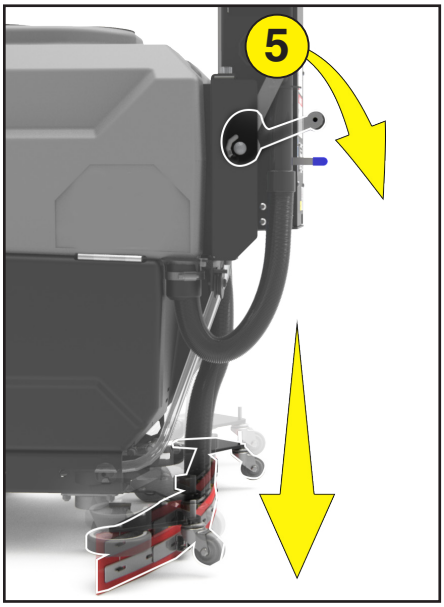

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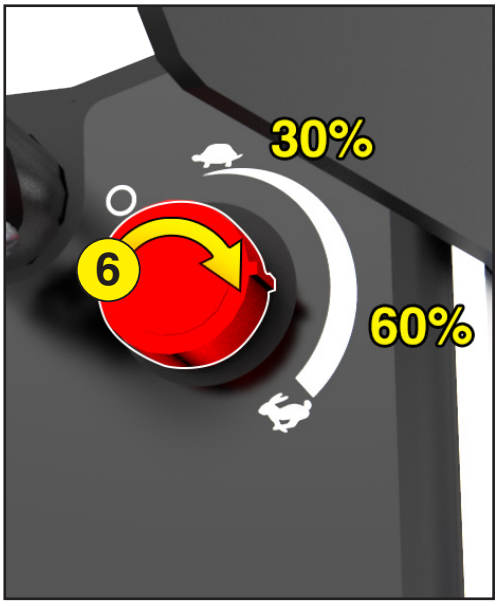

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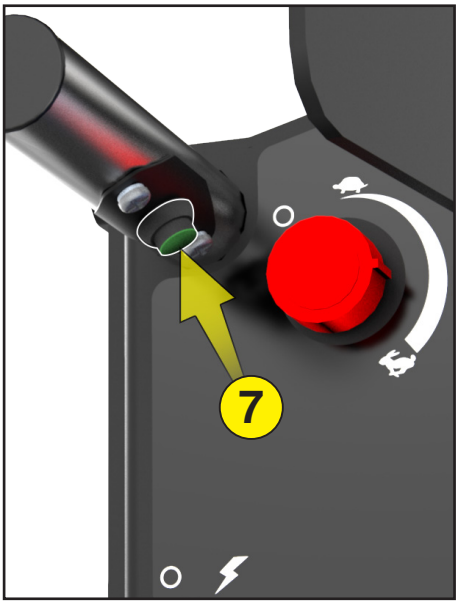
Drying

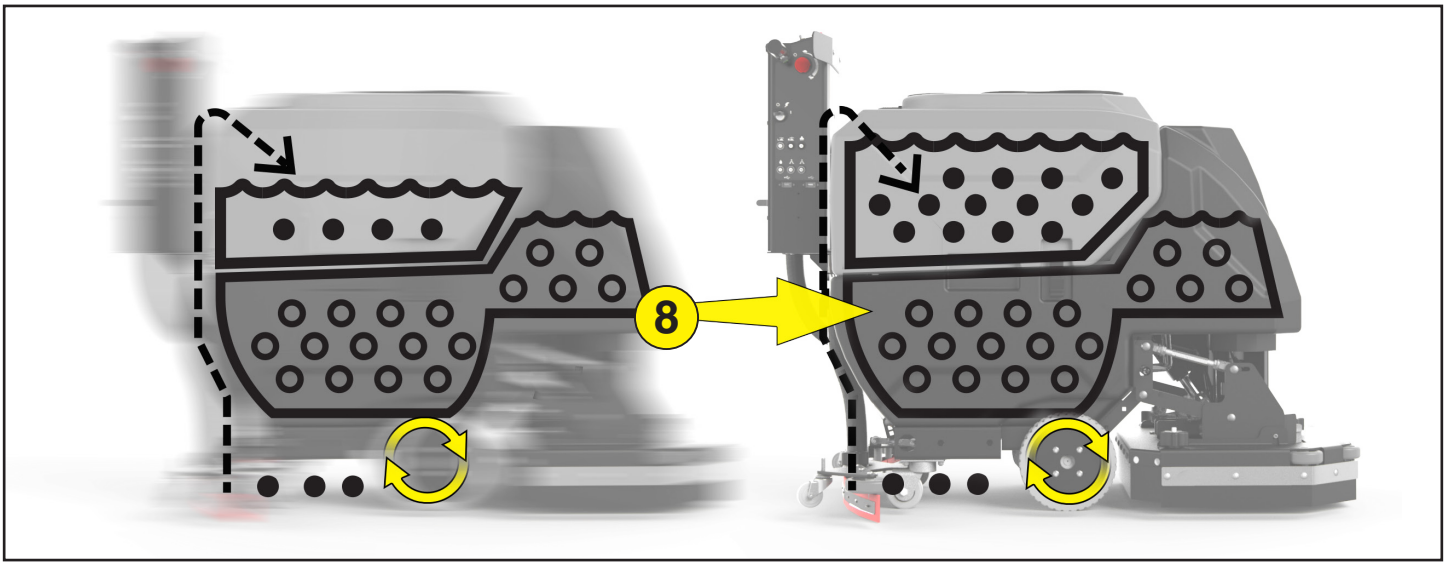




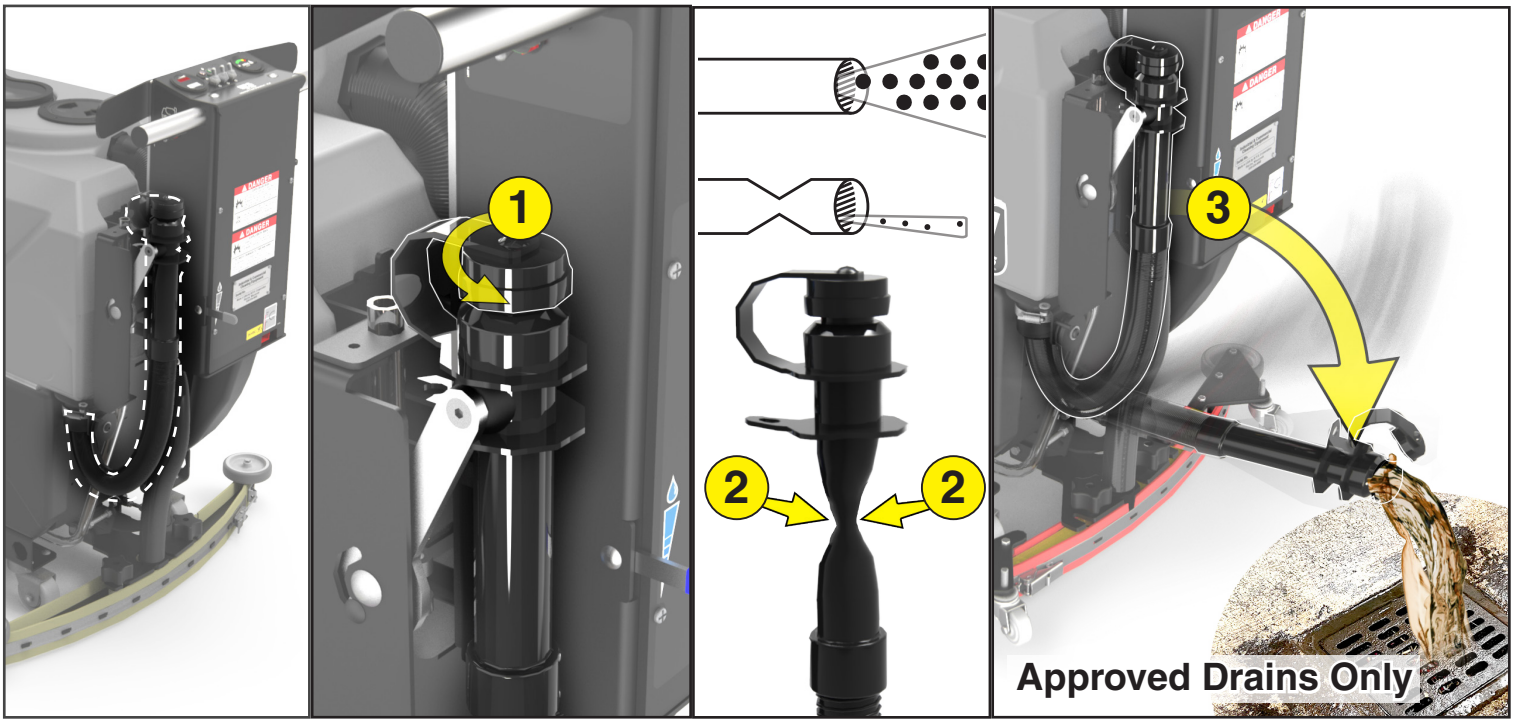


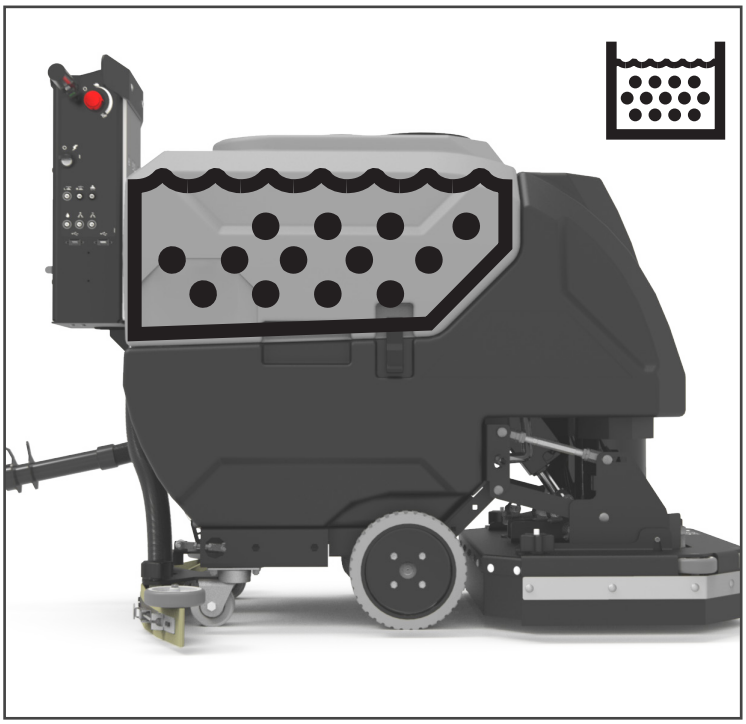


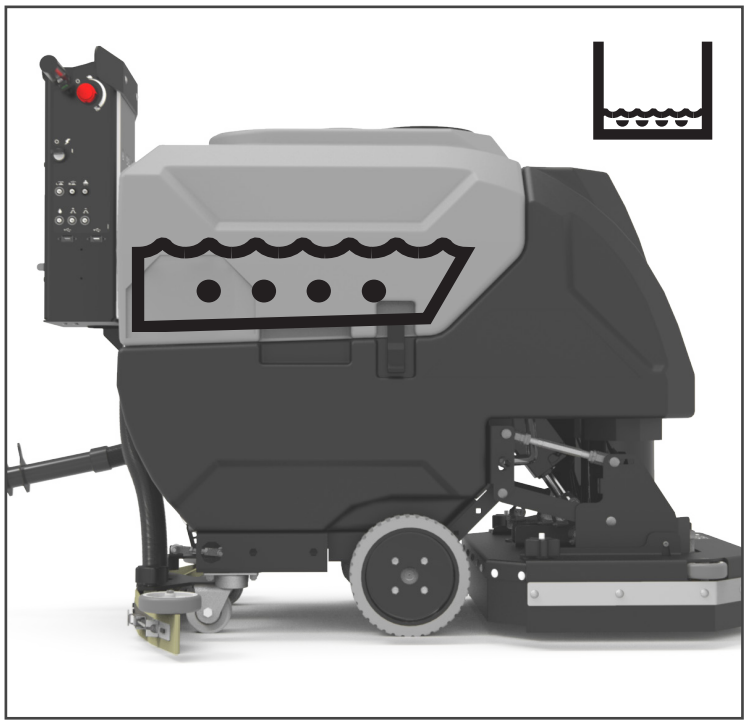




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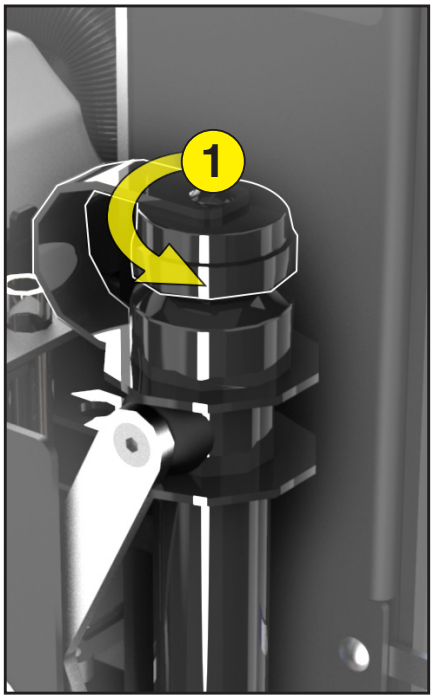

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Approved Drains Only

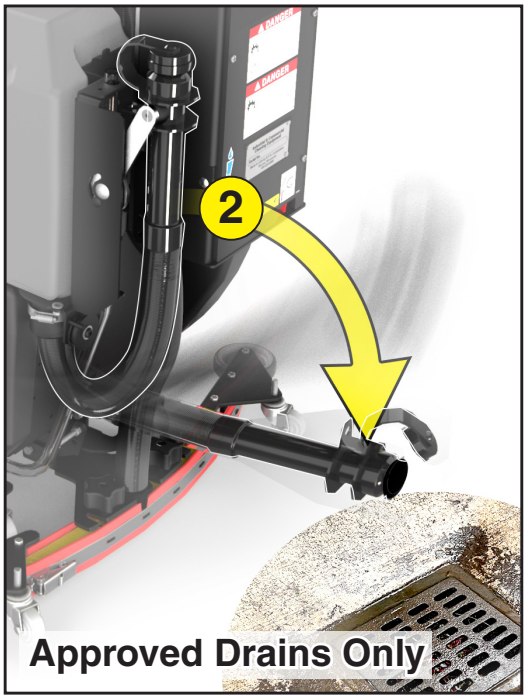


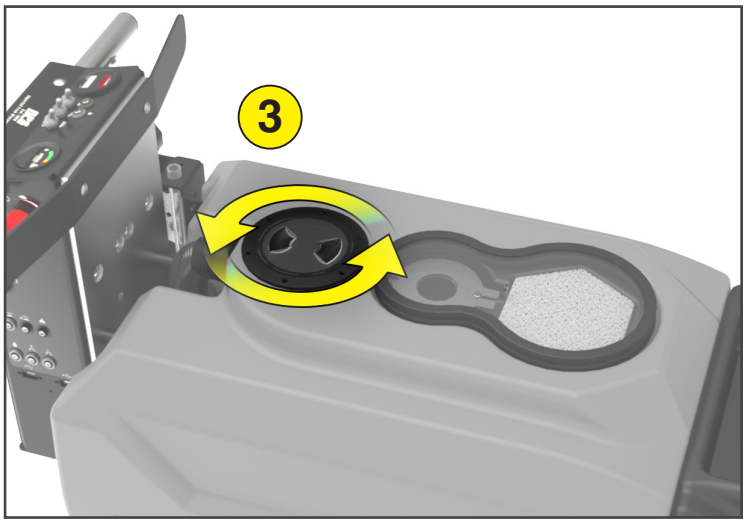


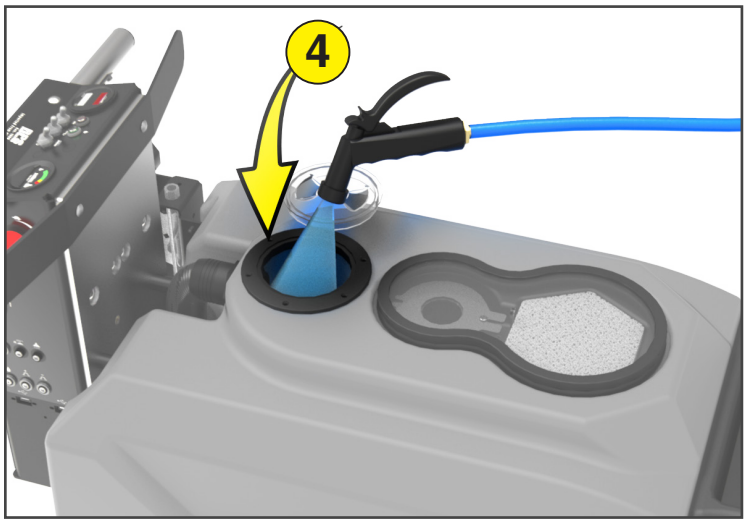
Flushing Recovery Tank

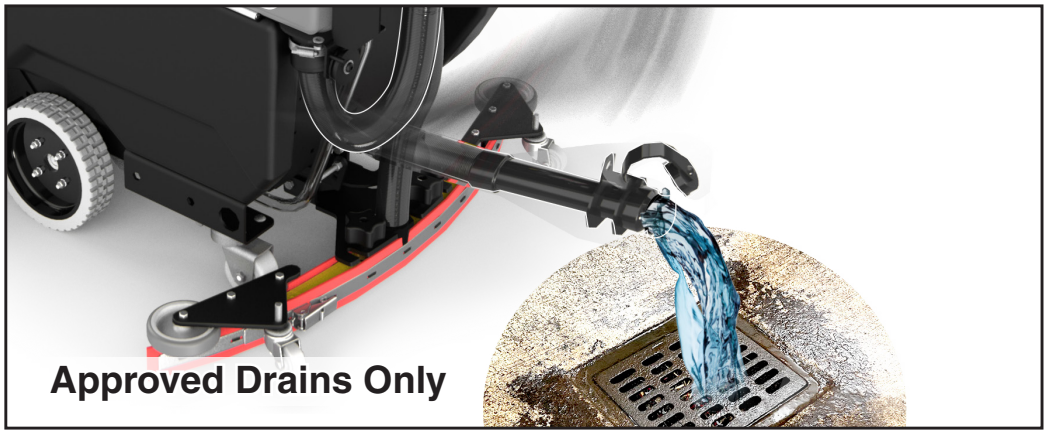






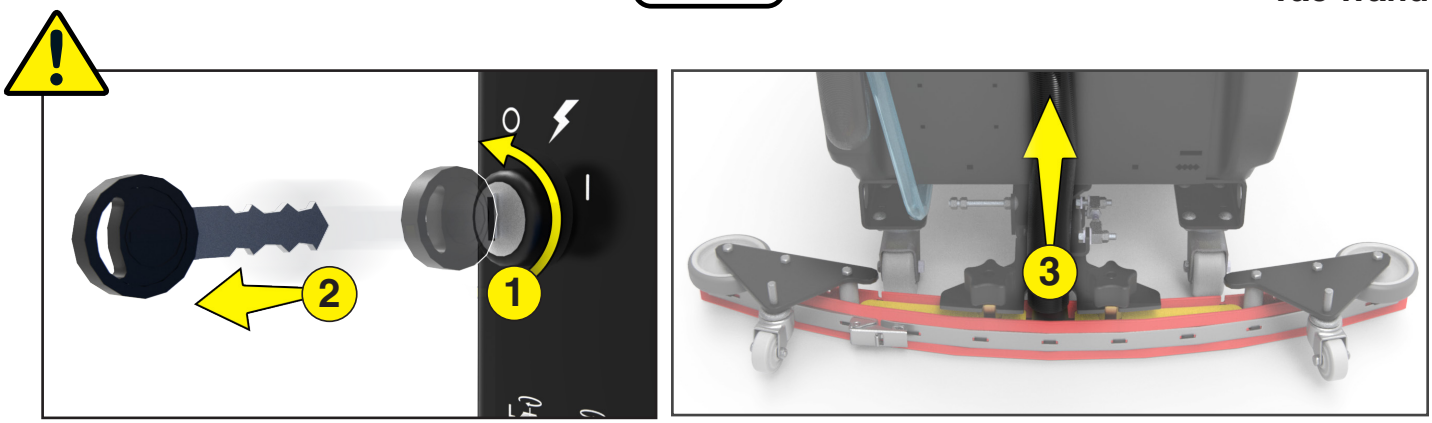


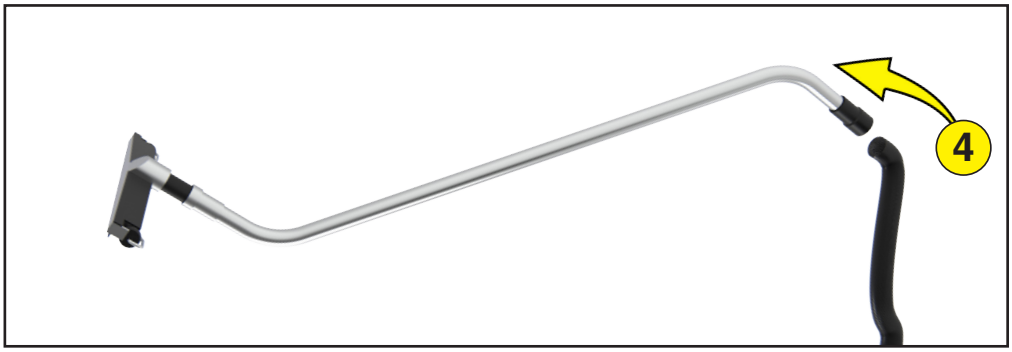




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Vac Wand







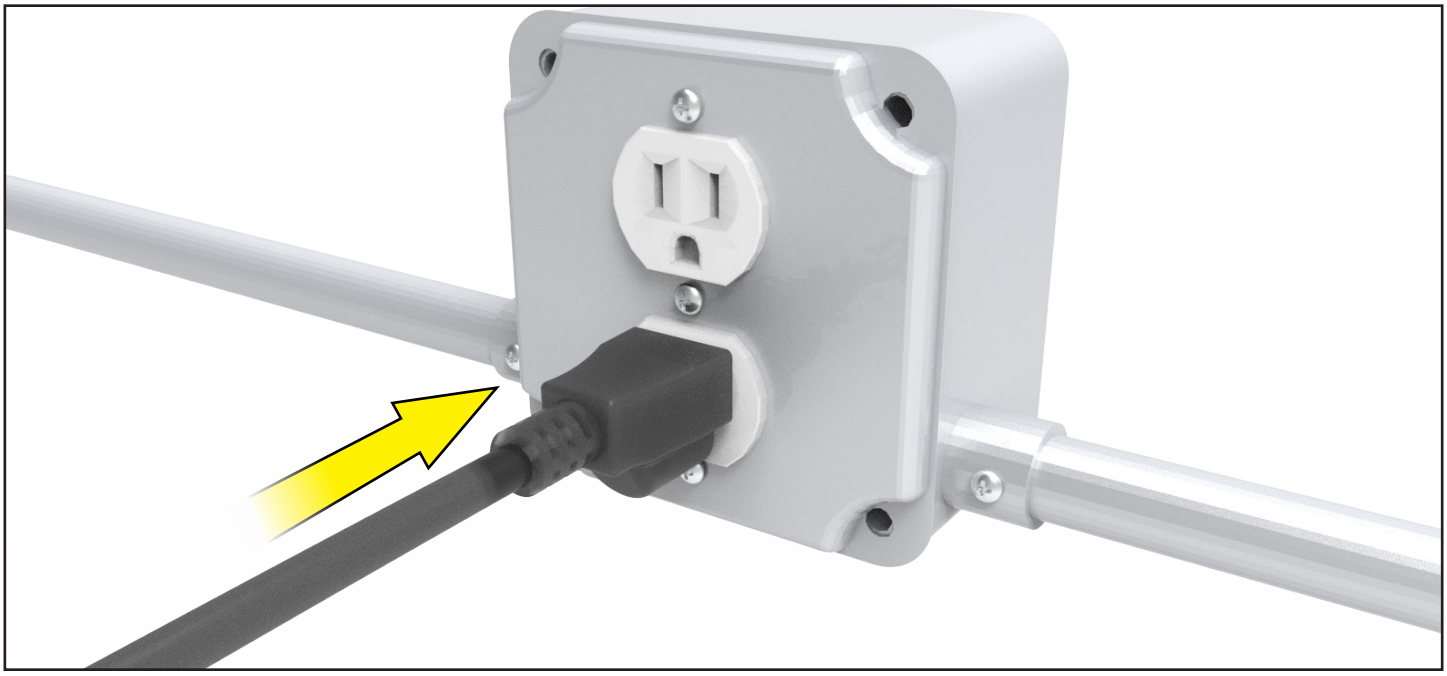


OPTIONS

Onboard Charger

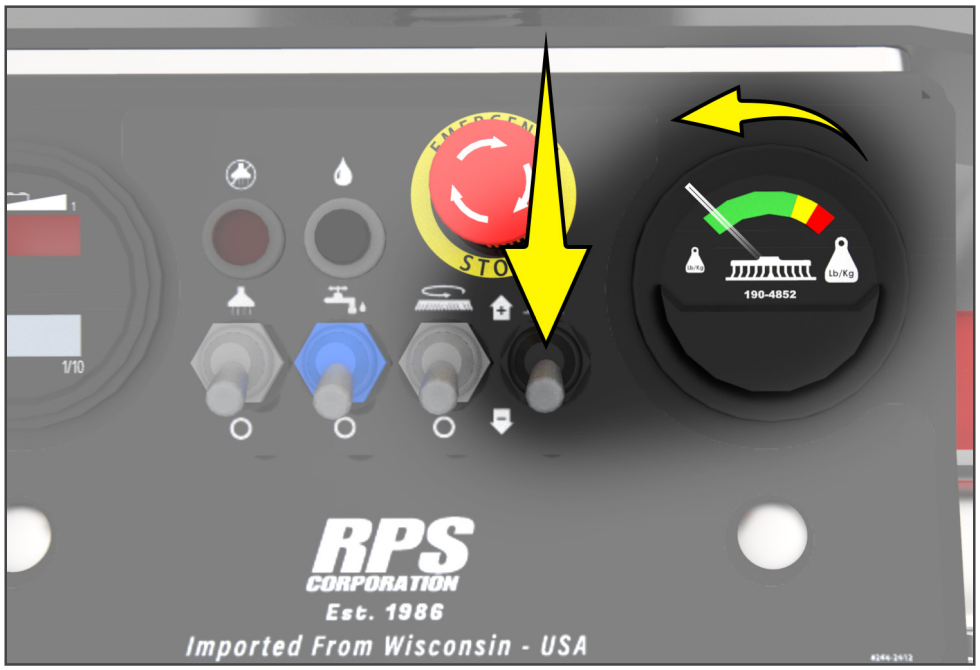






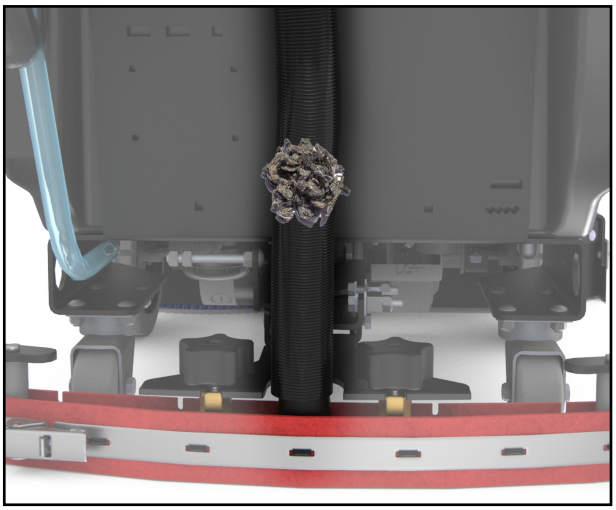
Brush Pressure +/-



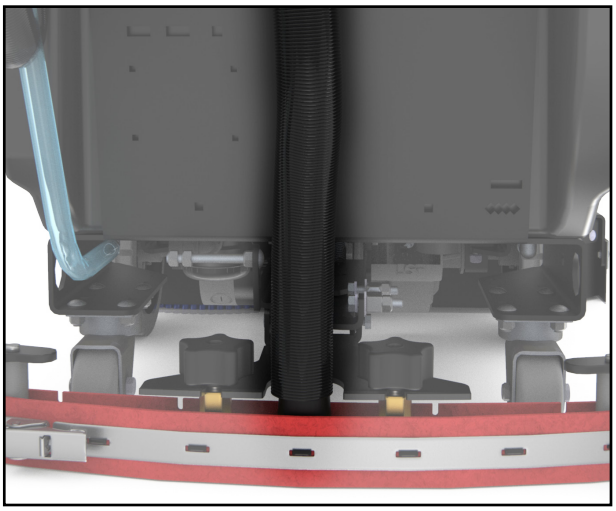


Vac Clog Light

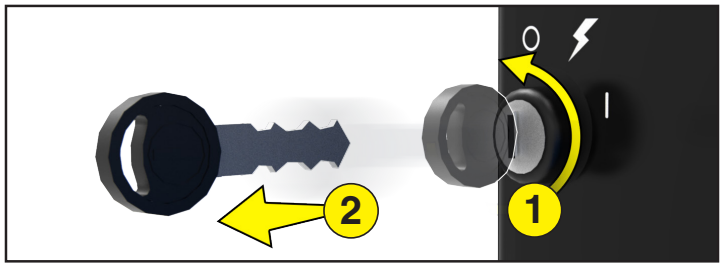


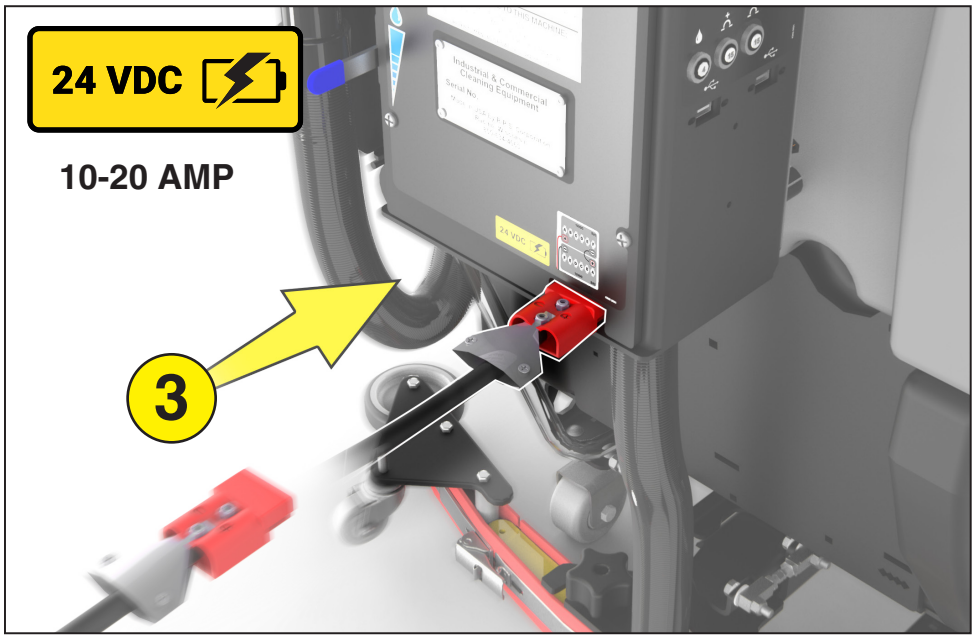


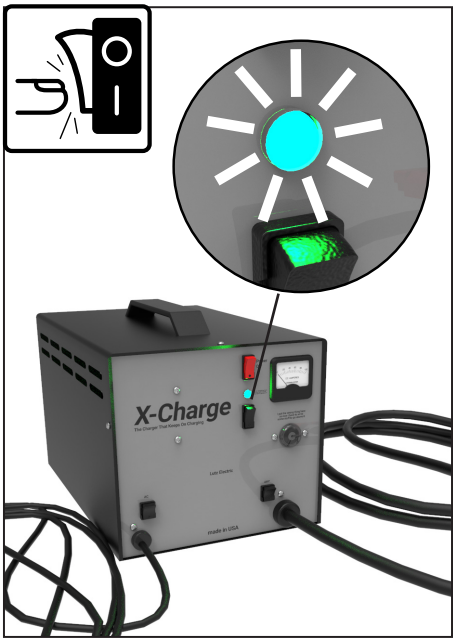


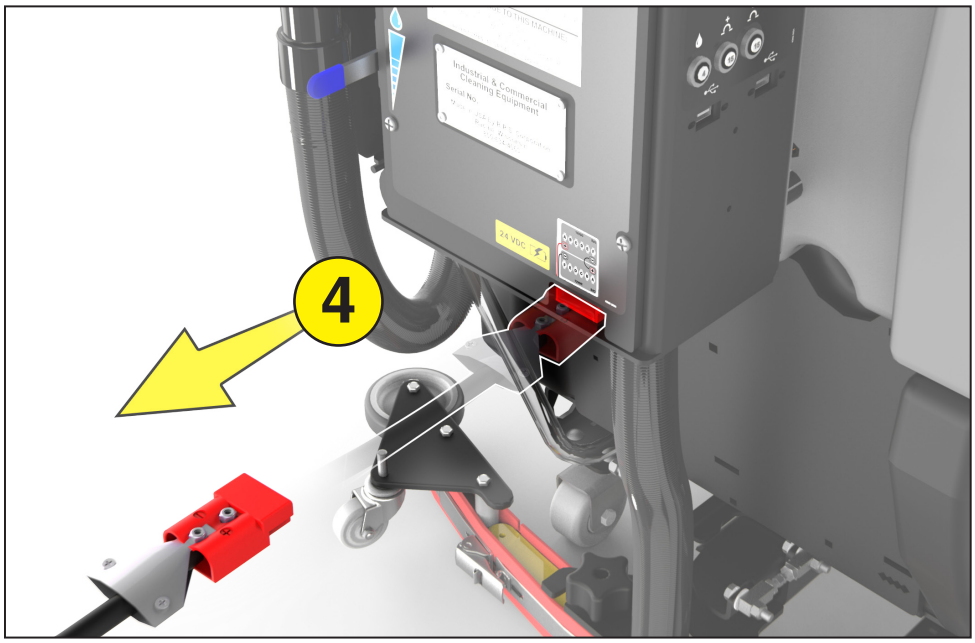


Charge Batteries





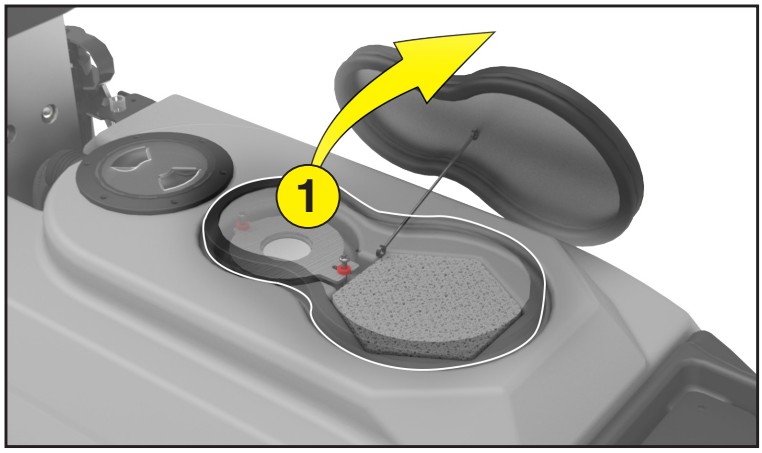


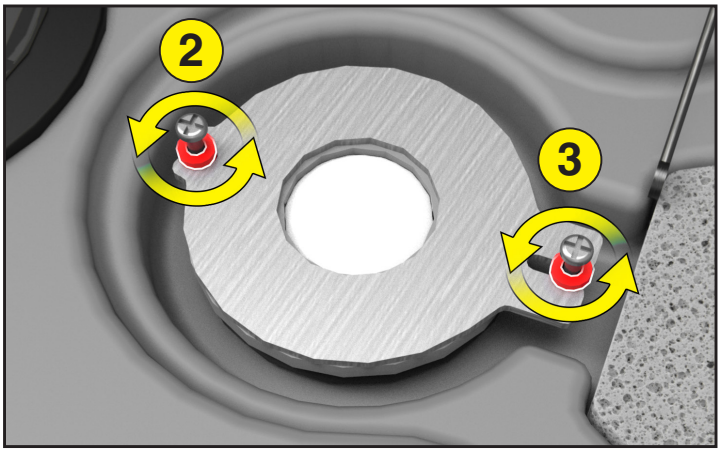


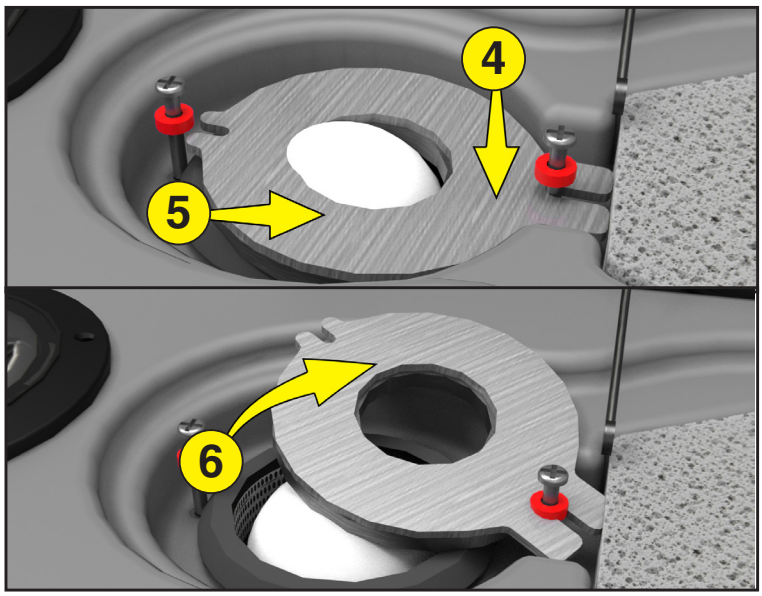


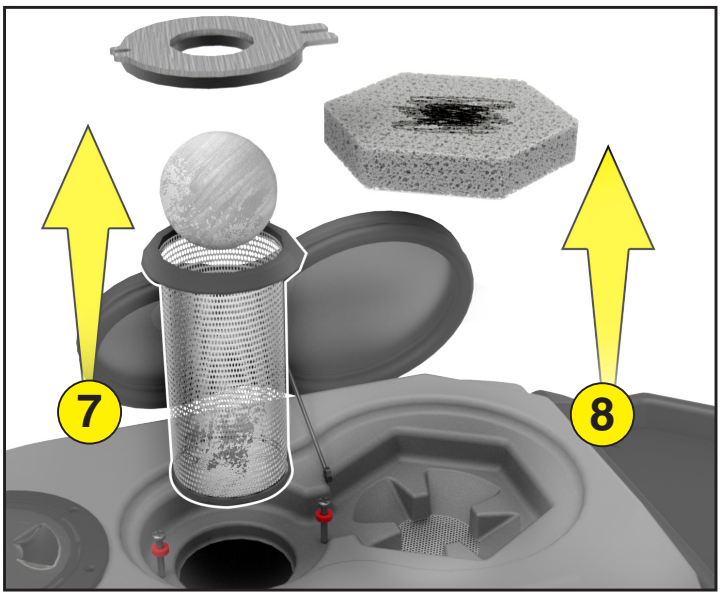
WEEKLY MAINTENANCE (<25 HRS)

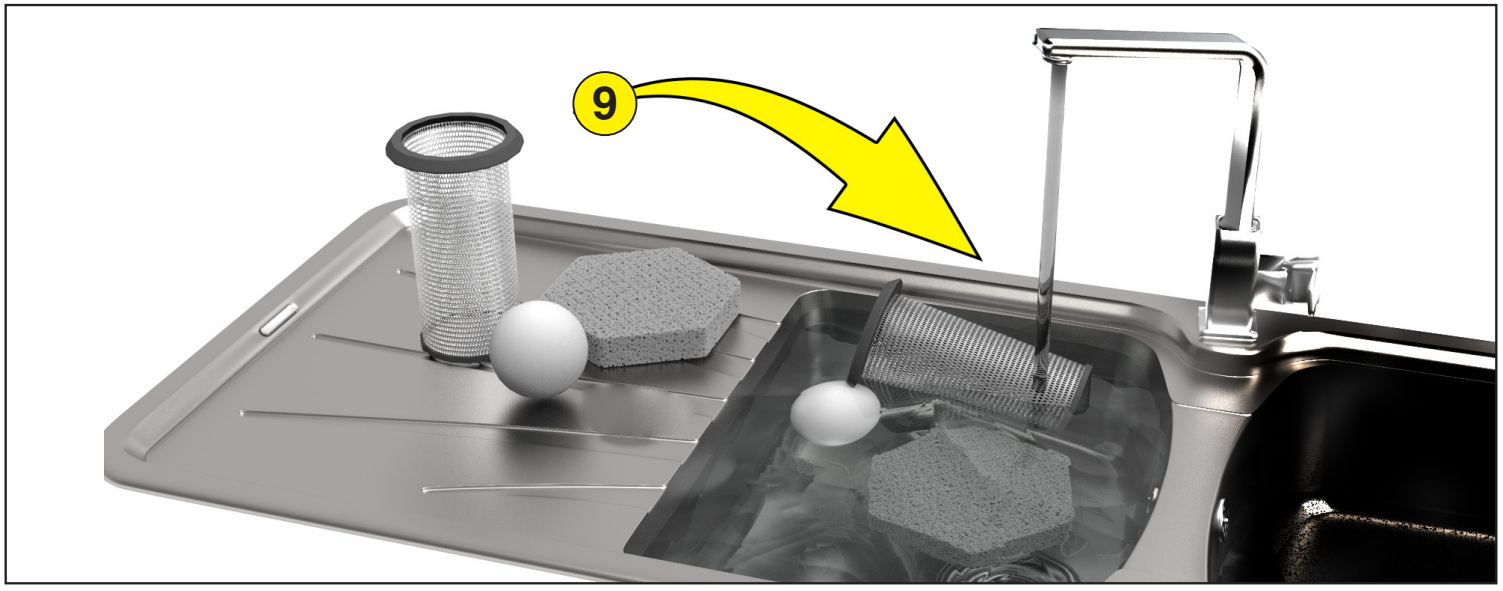
Clean White Filter/Screen





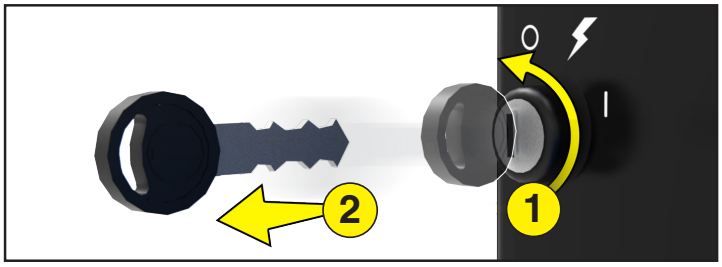


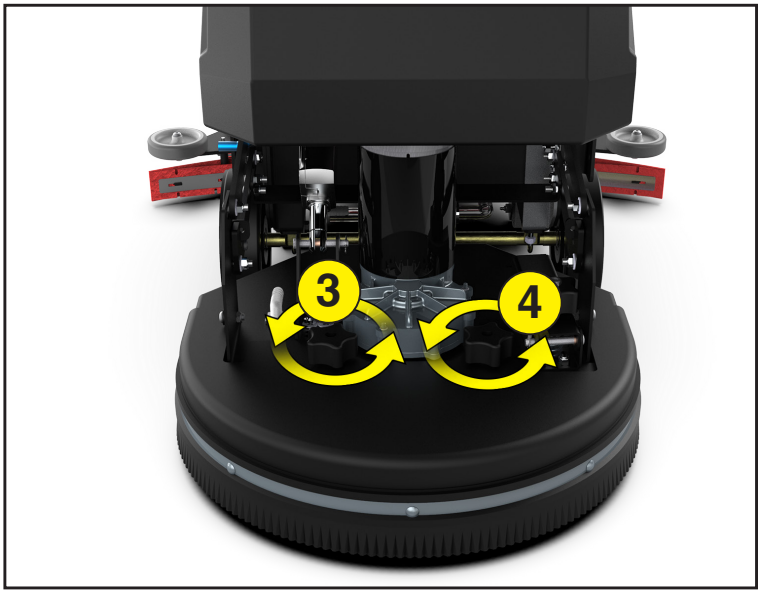


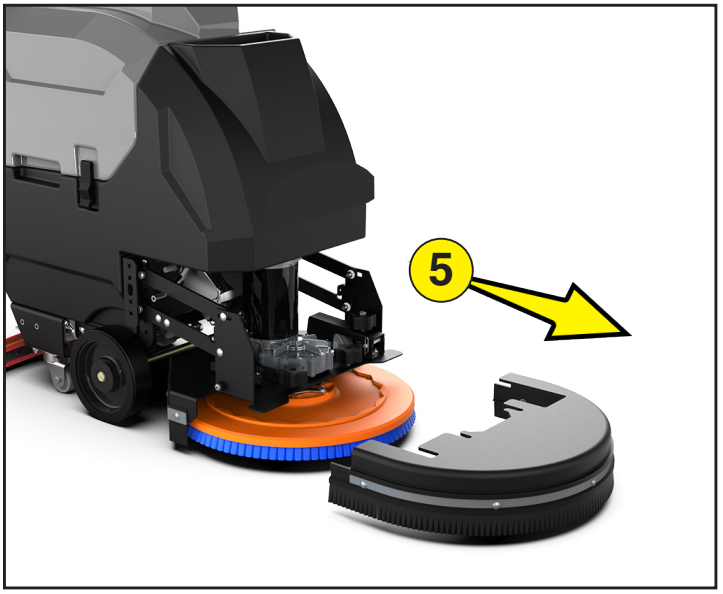


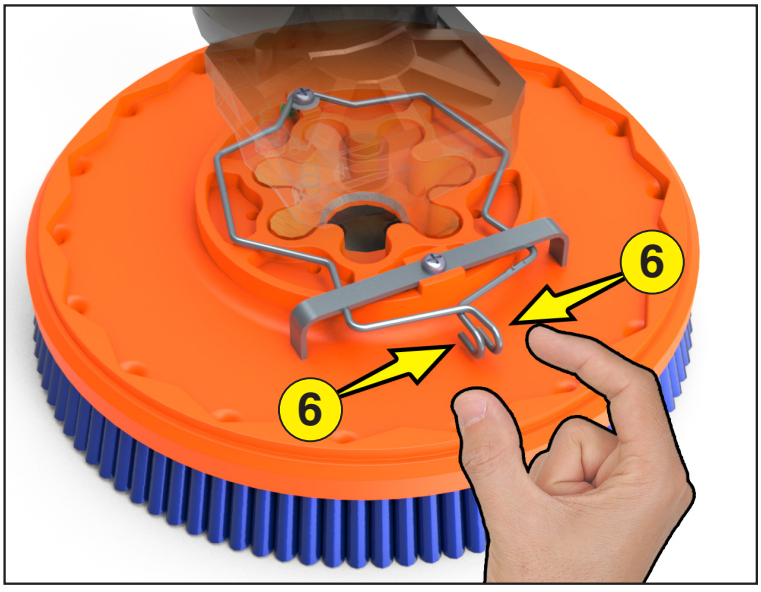
Questions? Call 855-965-0011 Use OEM Parts

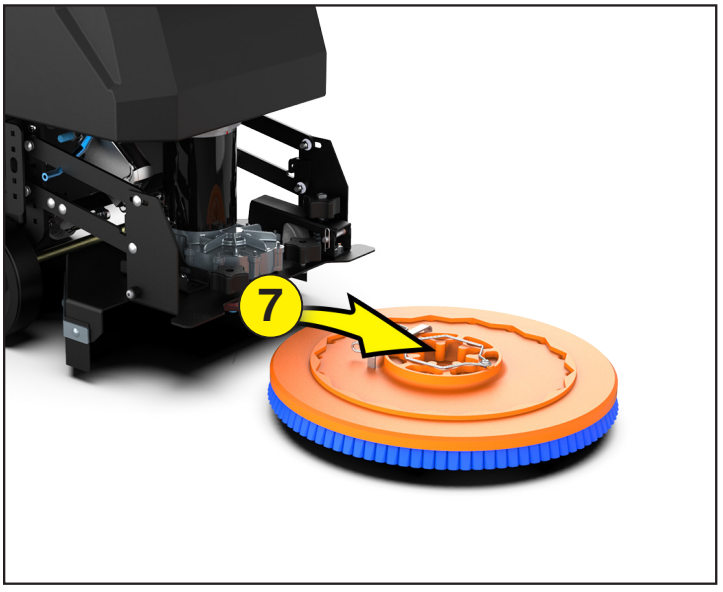
Remove Disk Brushes



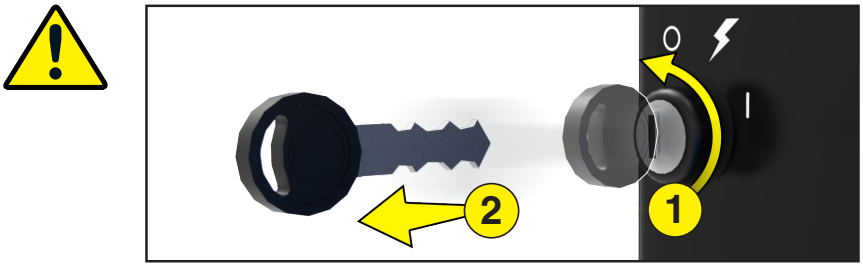


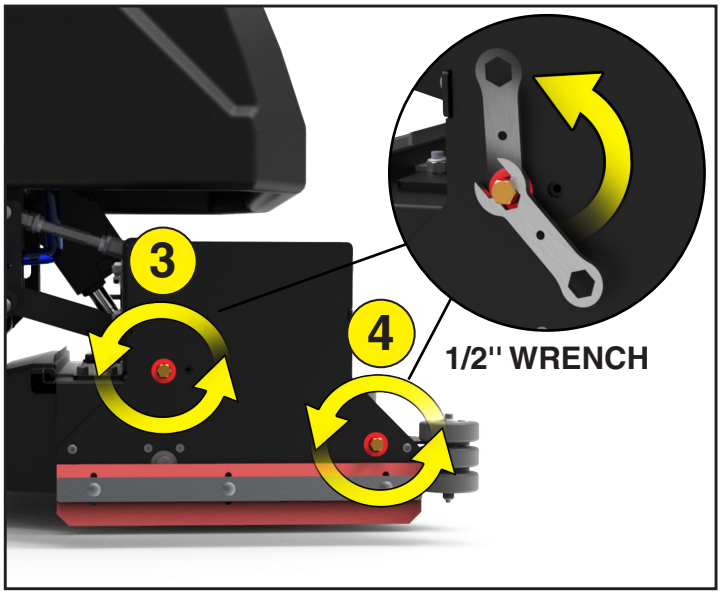


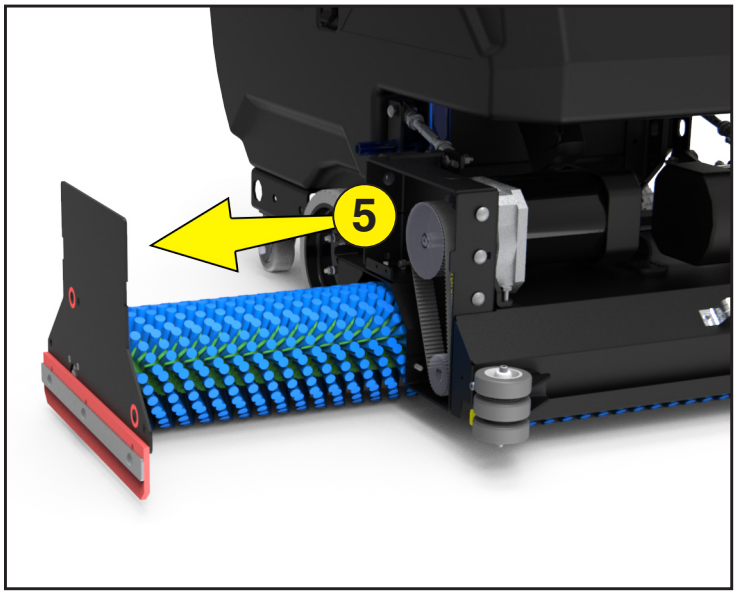


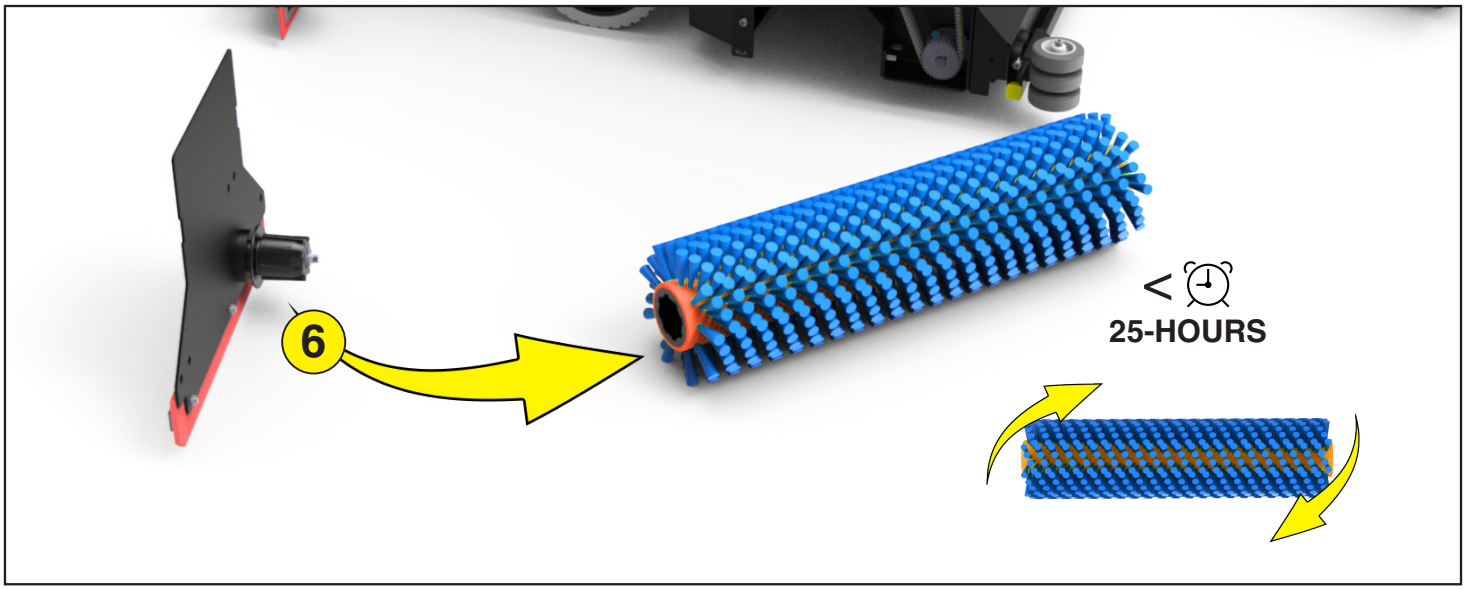


Rotate Grout Brush





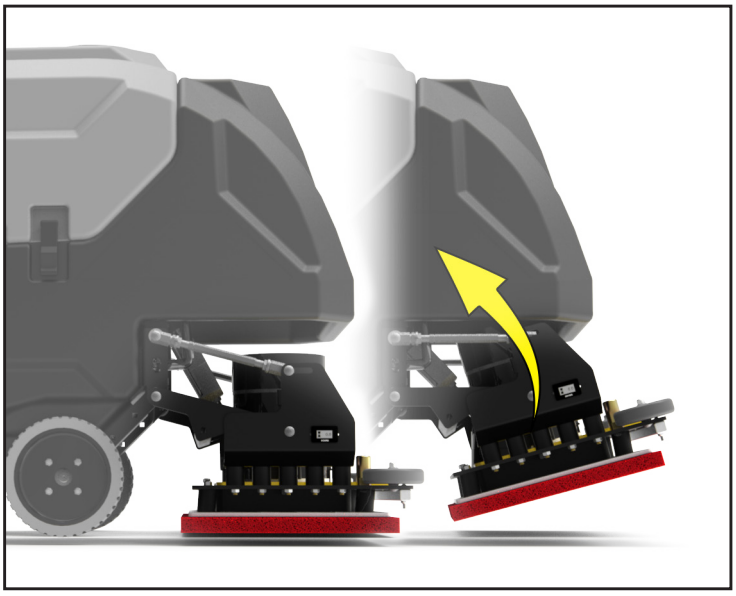


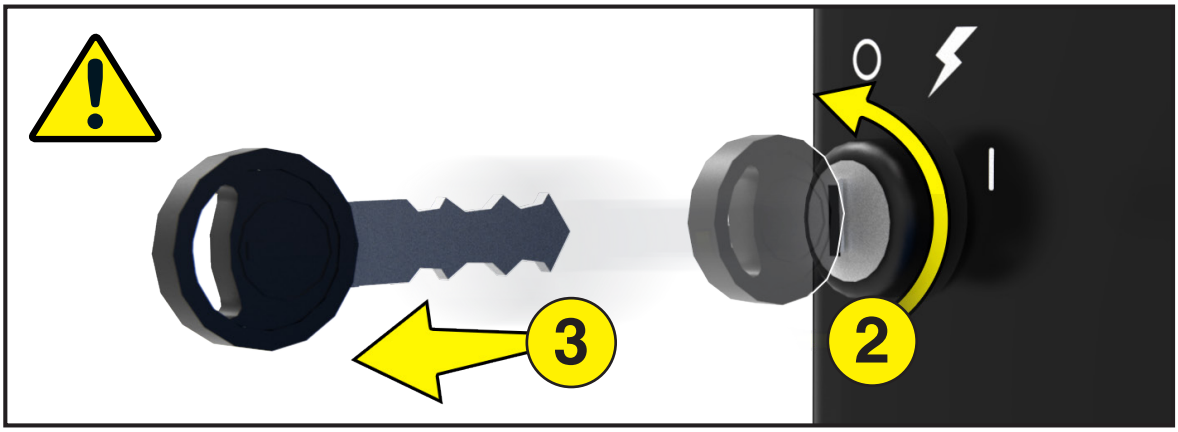


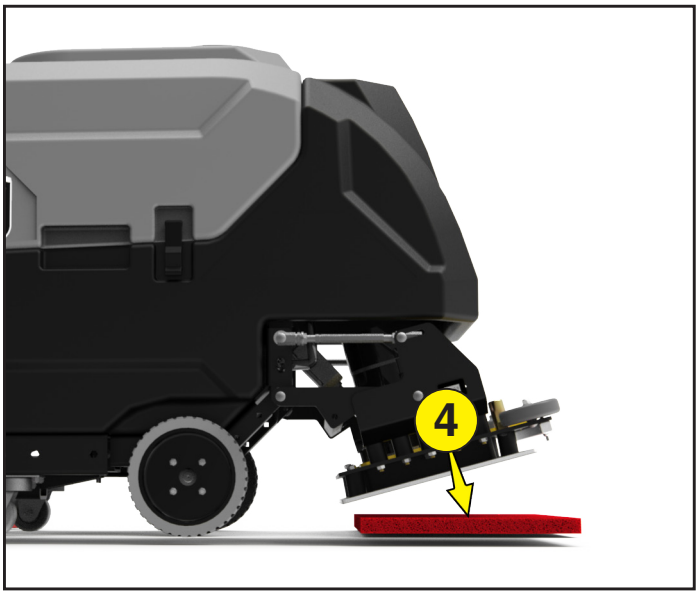
Questions? Call 855-965-0011 Use OEM Parts

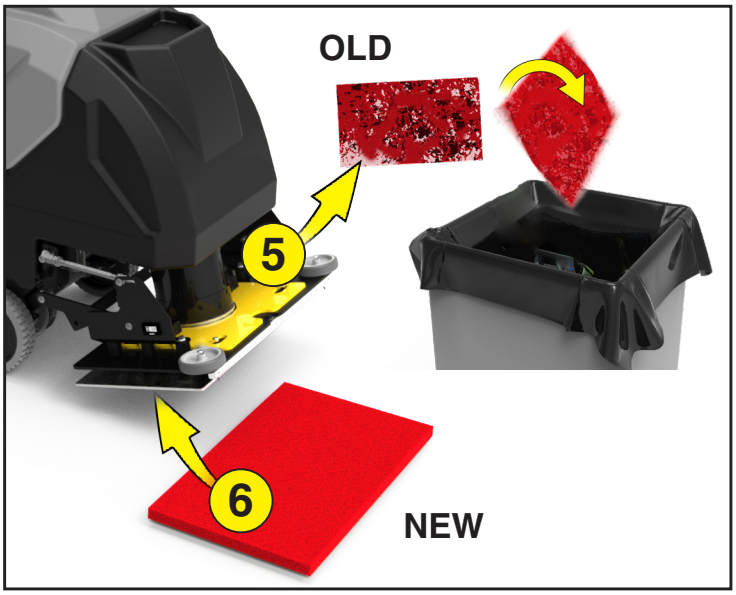
Replace Orbital Pads





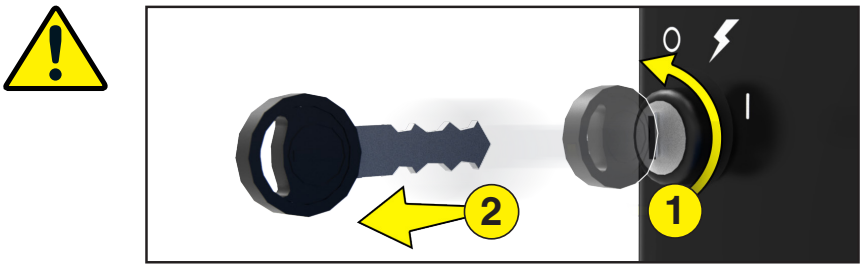


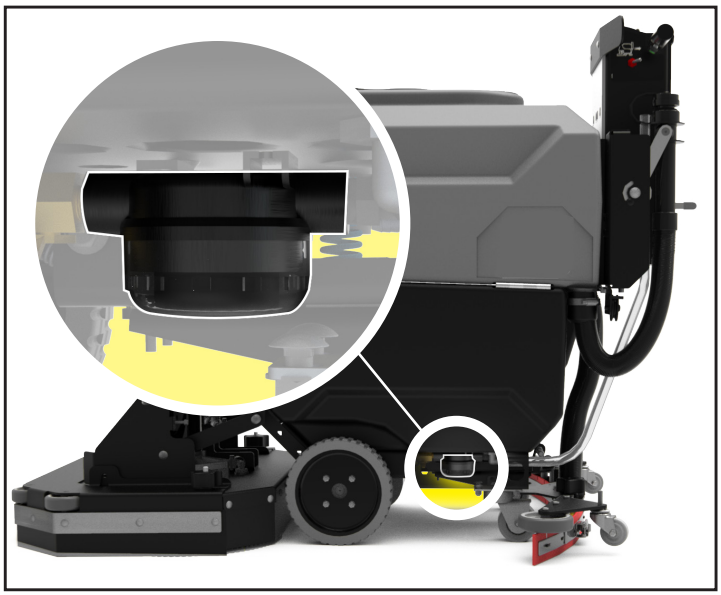


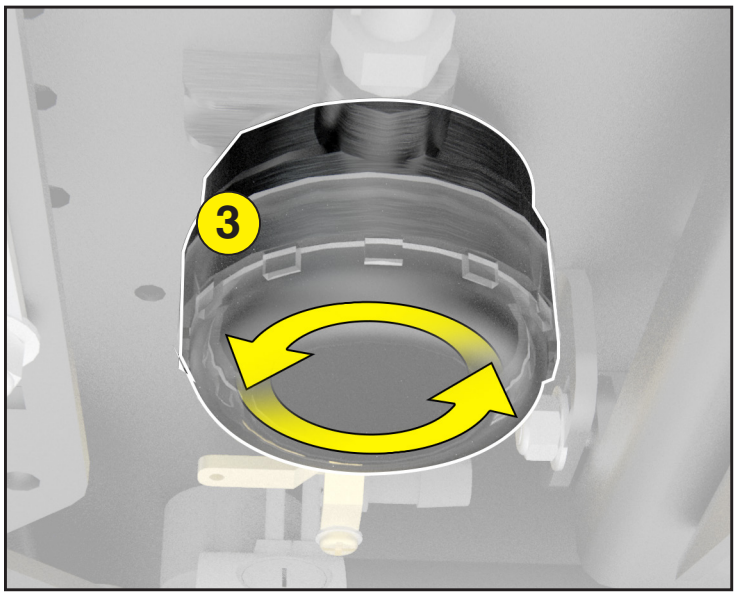


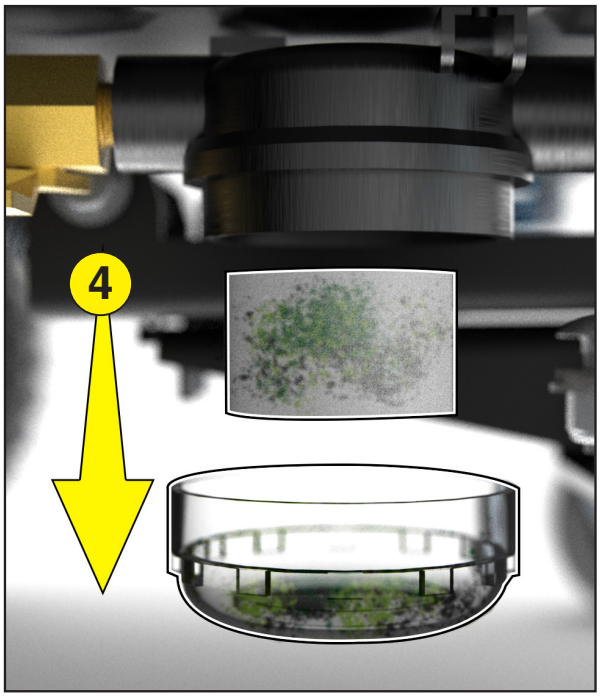
Questions? Call 855-965-0011 Use OEM Parts

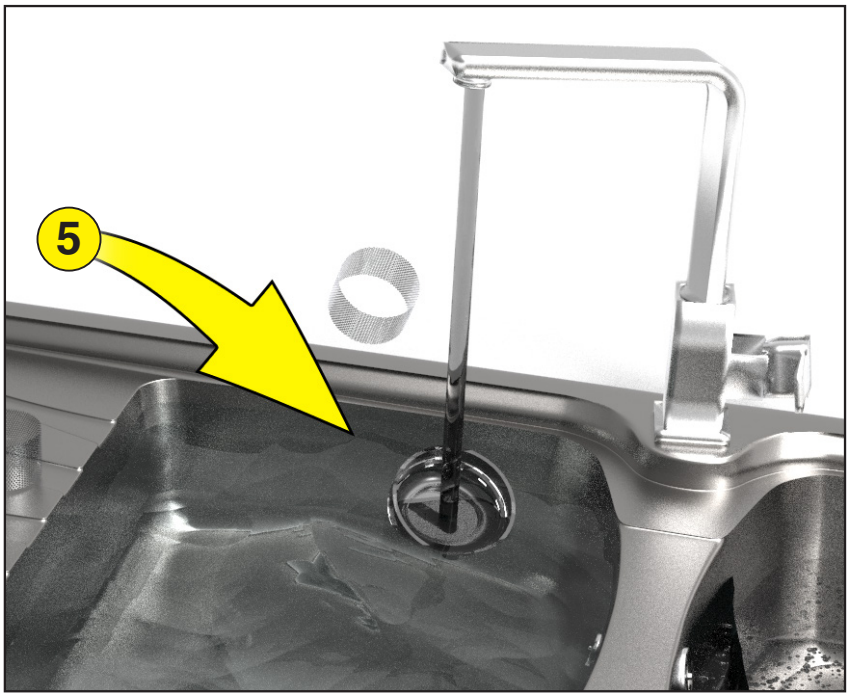
Clean Solution Filter



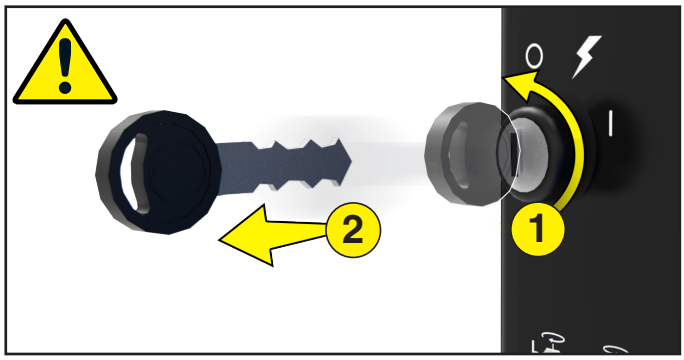


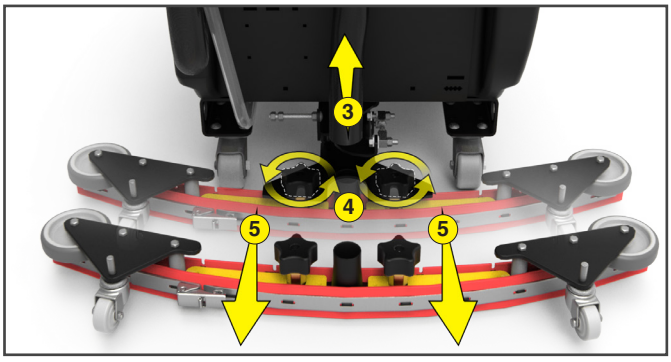


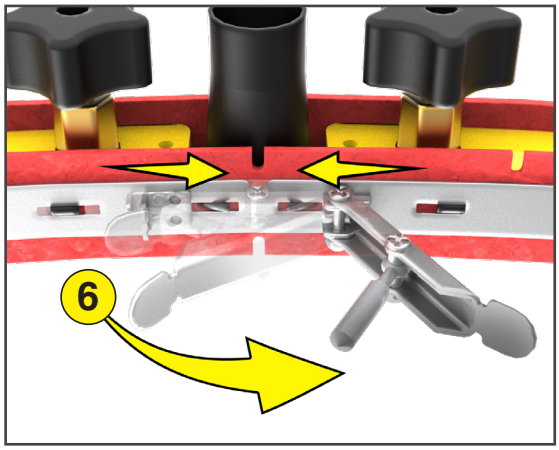


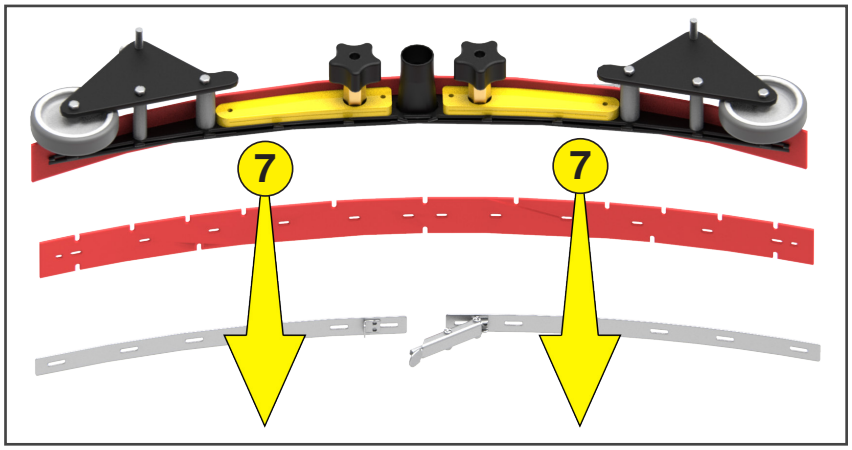


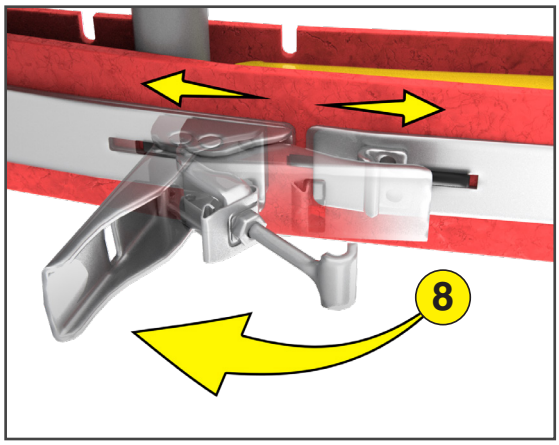
Squeegee Blade Replacement

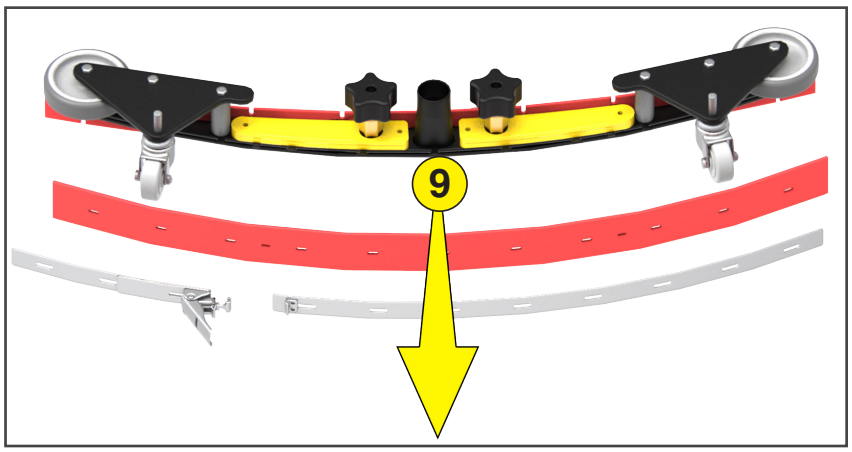


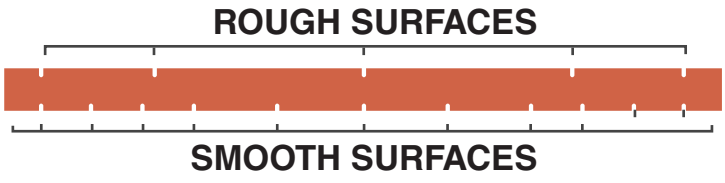


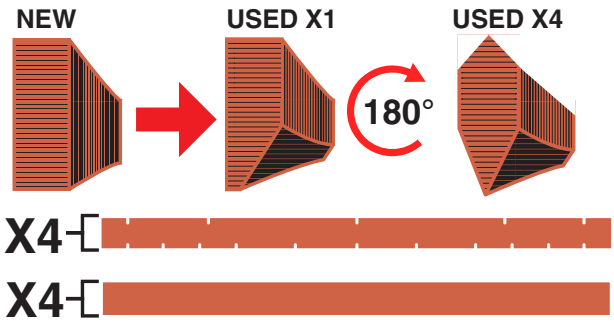






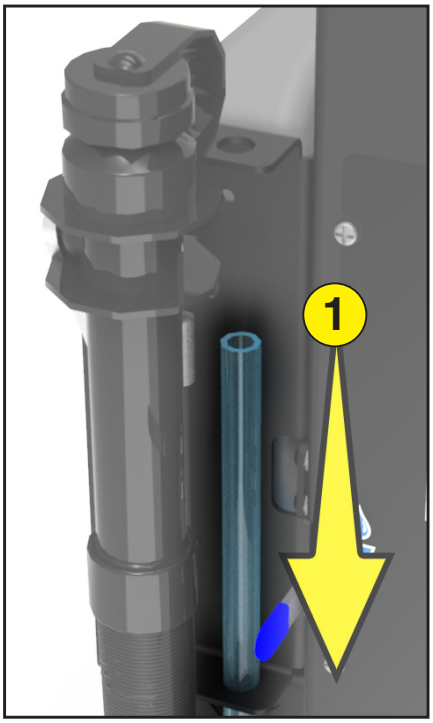


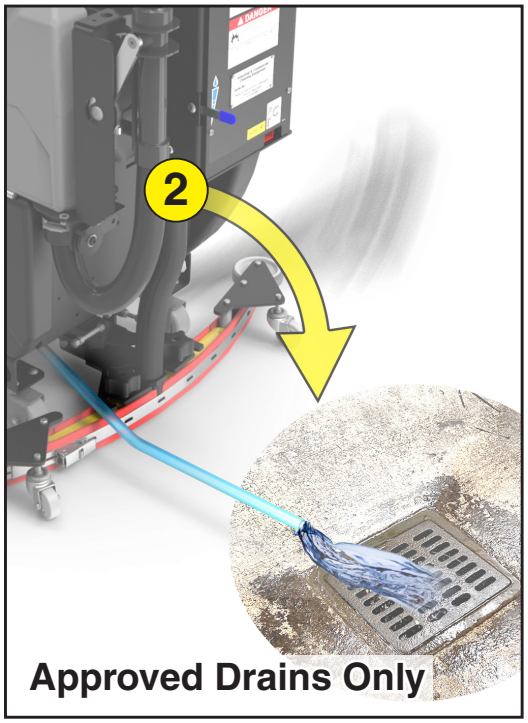


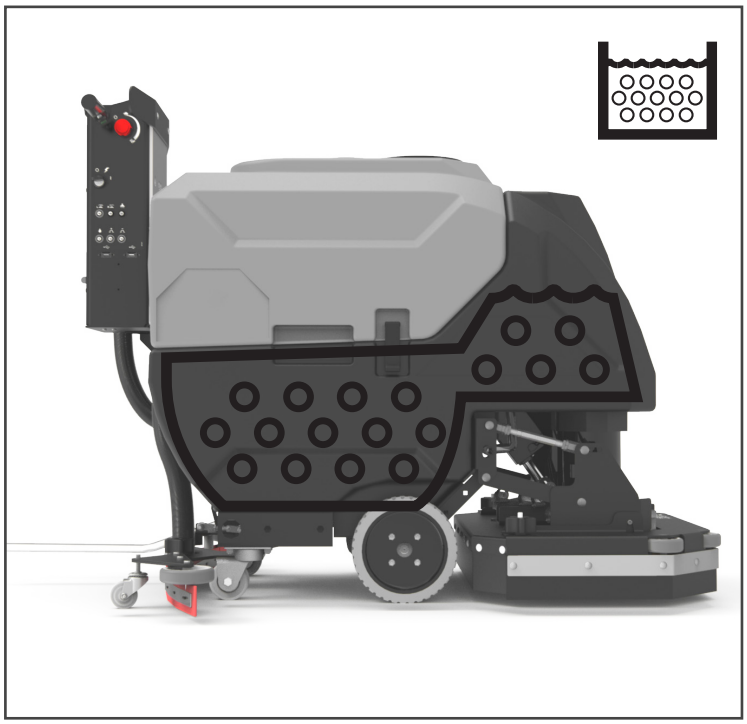


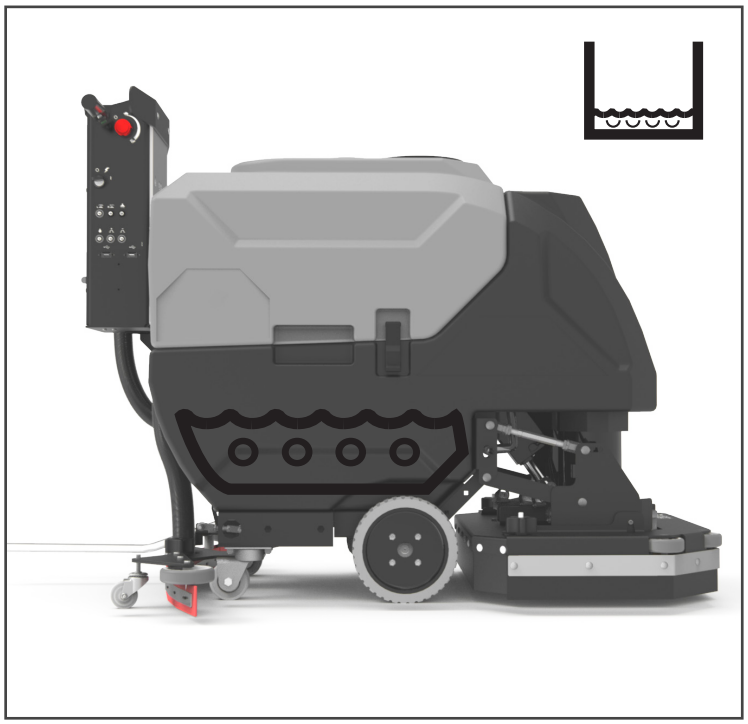
Drain Solution Tank



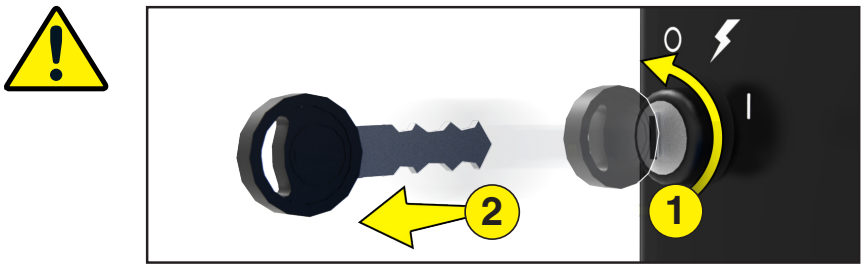


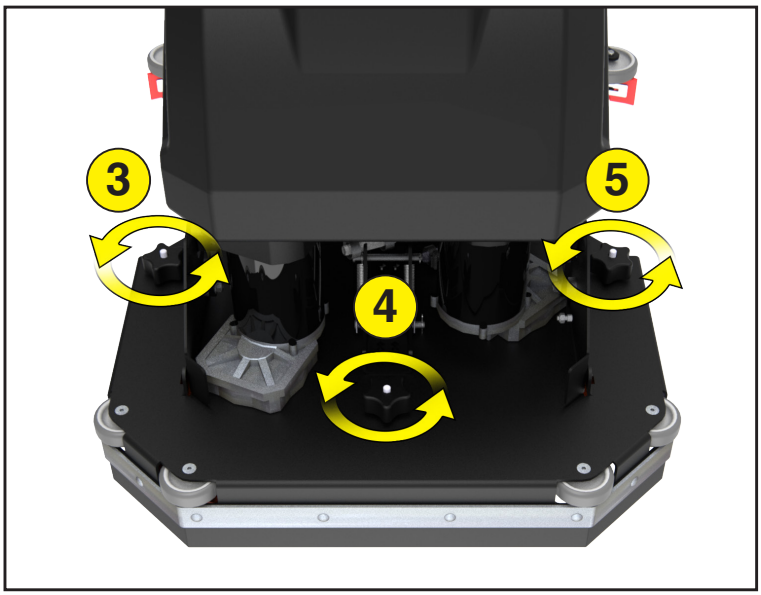


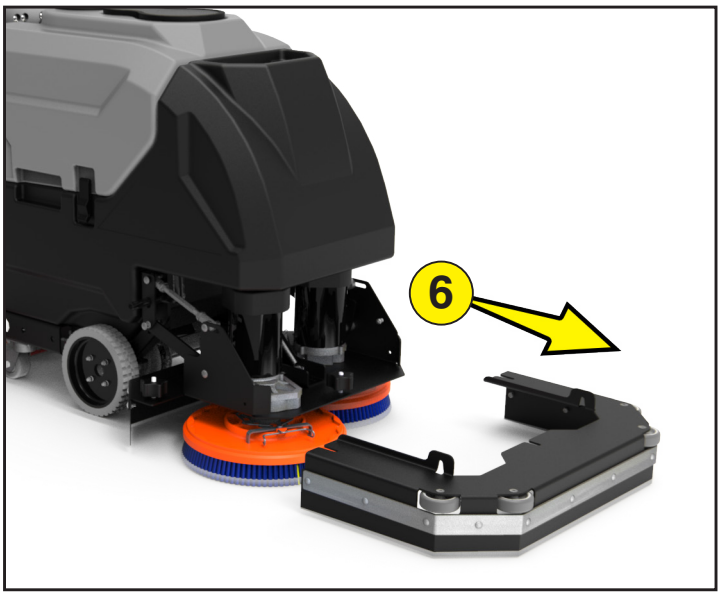


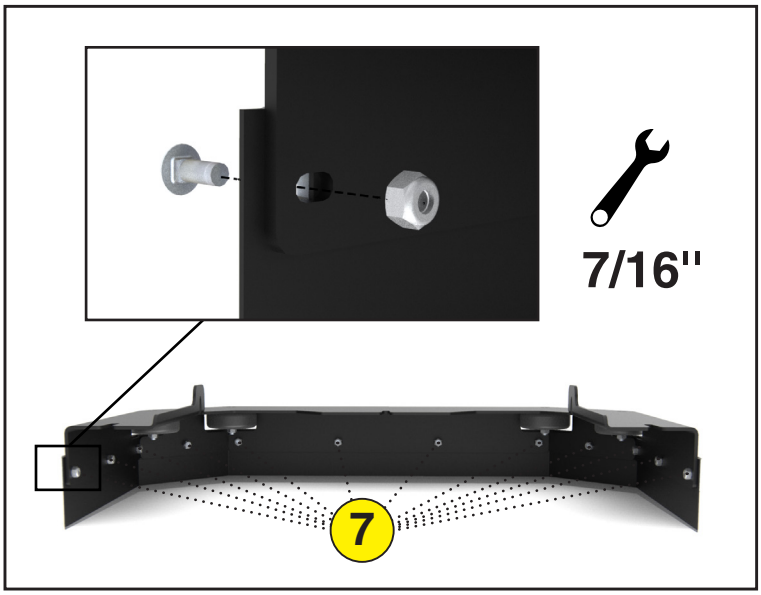


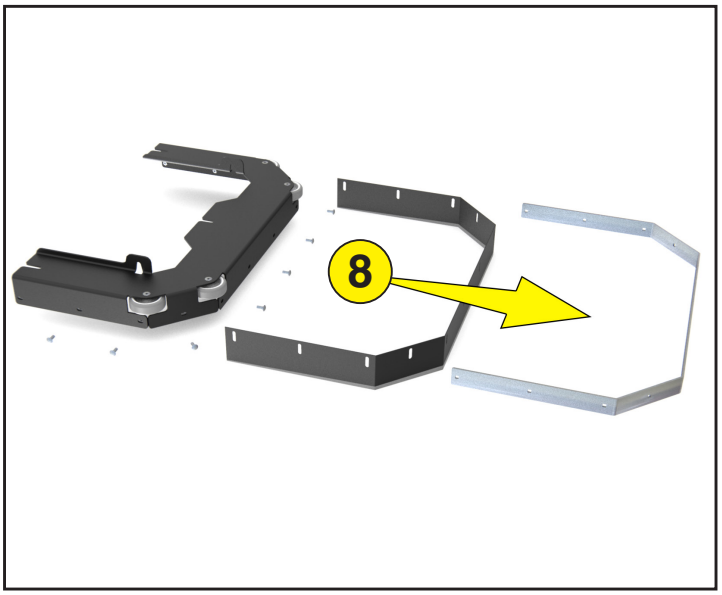
Deck Shroud Curtain Replacement



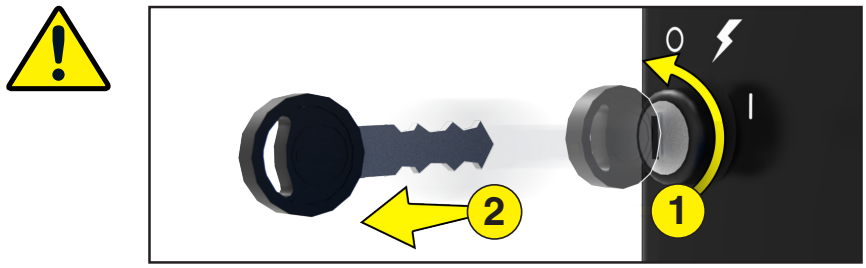


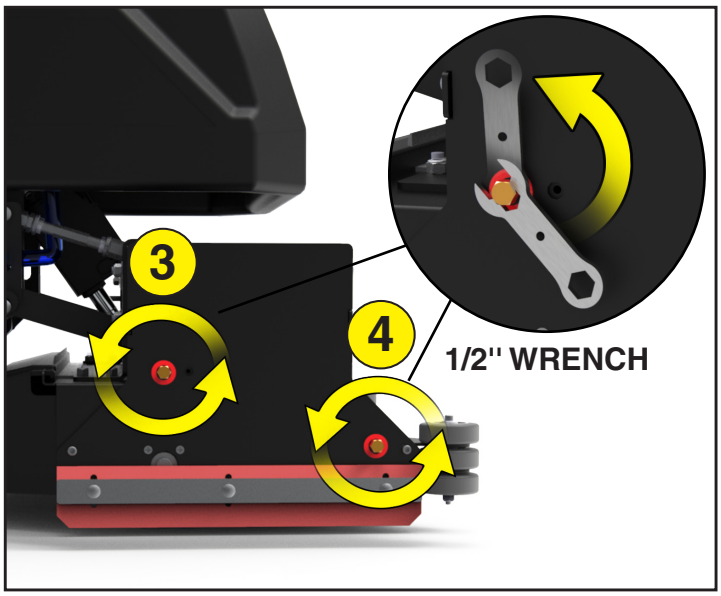


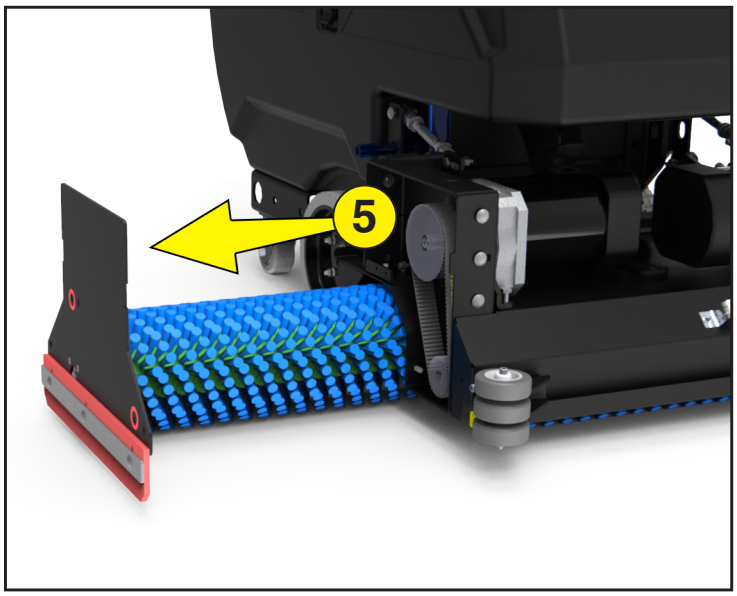


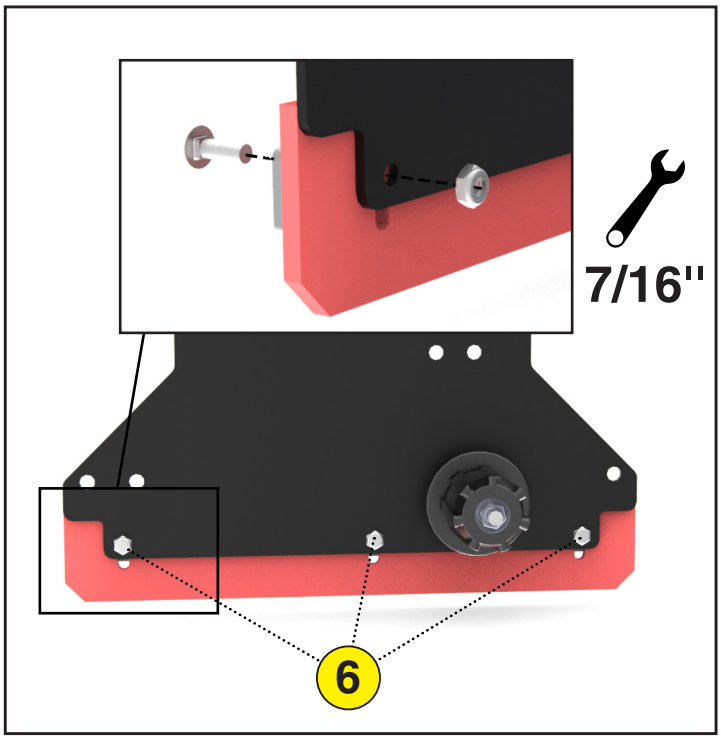


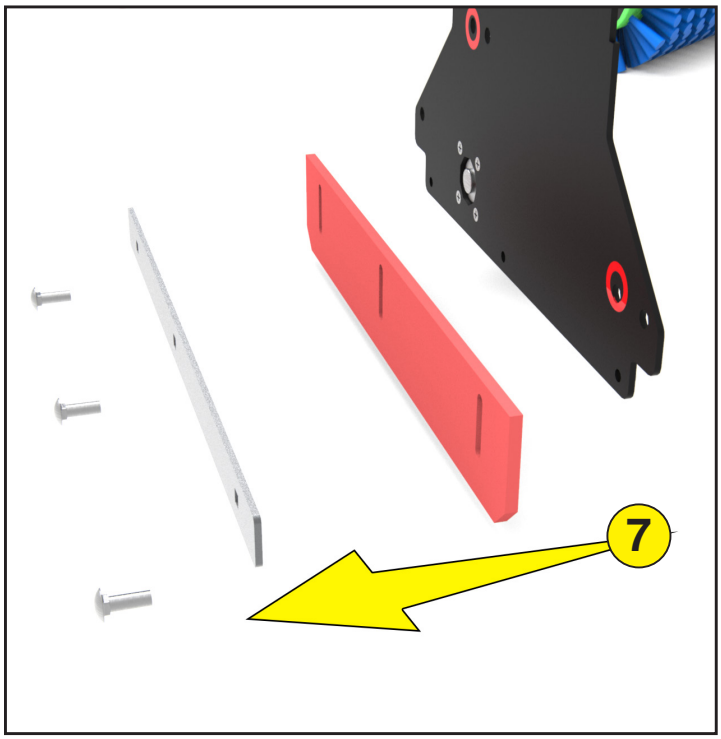
Grout Side Wiper Replacement





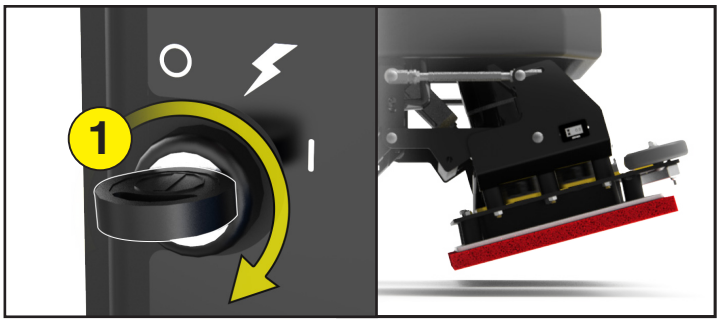




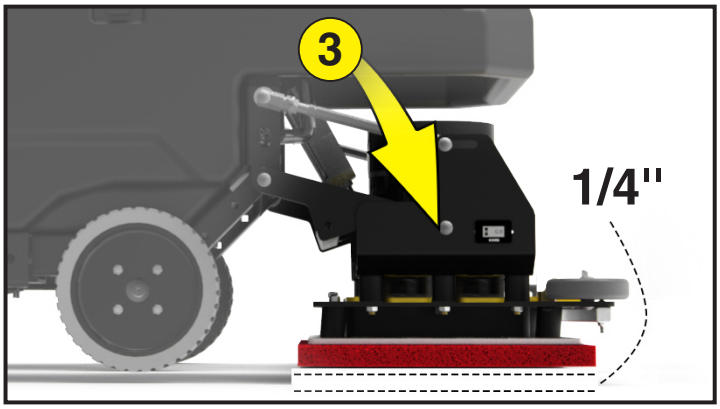


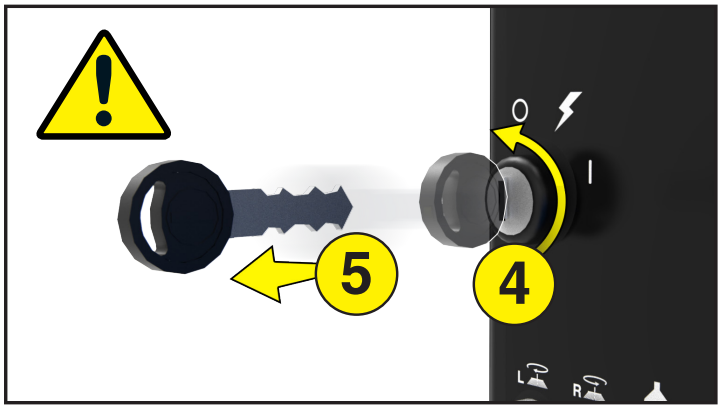
Questions? Call 855-965-0011 Use OEM Parts

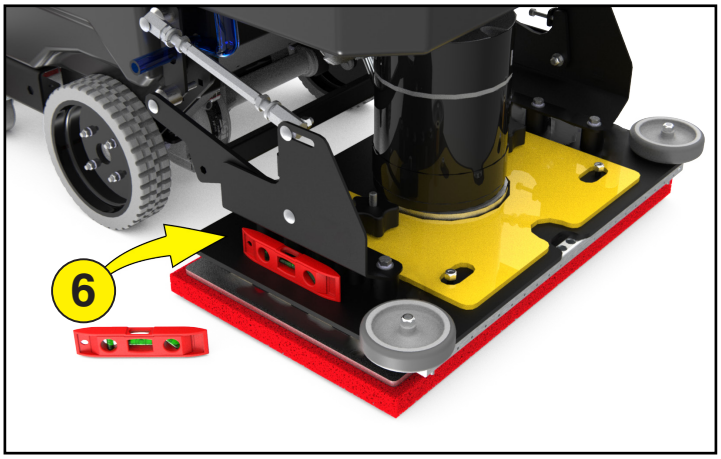
Deck Leveling

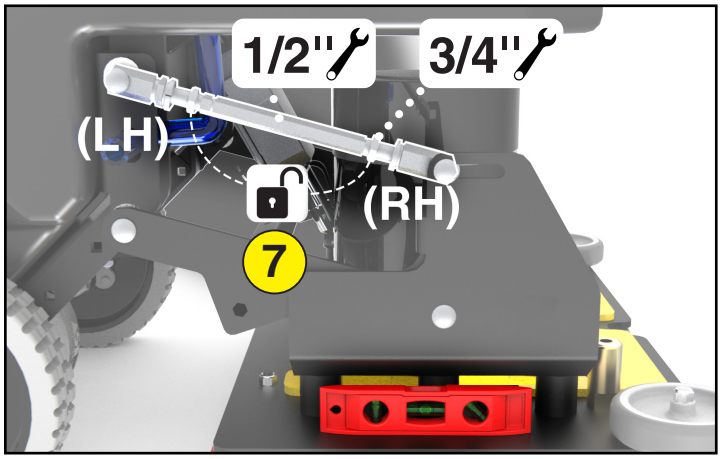


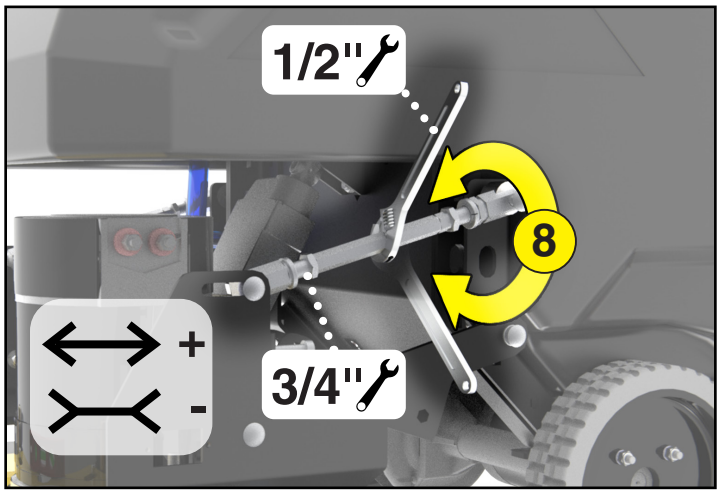


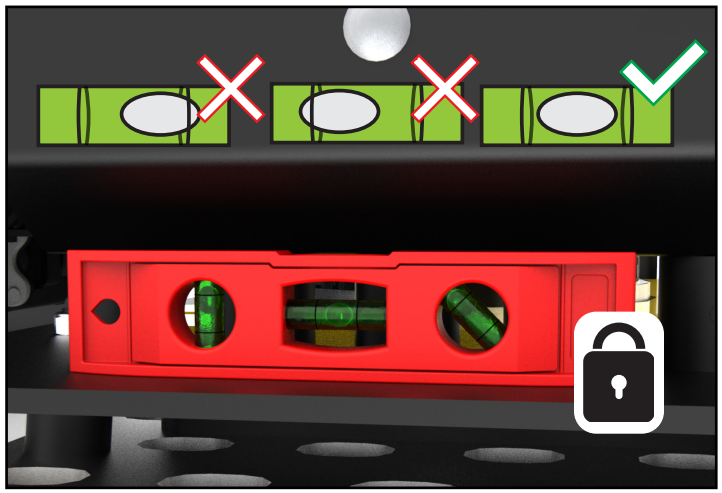












Common Wear Parts

EDGE PADS AND SCREENS:

DESCRIPTION	20''×14'' SCRUBDECK	24''×14'' SCRUBDECK
White Pad	EDGE-4005	N/A
Red Pad	EDGE-4004	EDGE-2404
Blue Pad	EDGE-4003	EDGE-2403
Green Pad	EDGE-4002	EDGE-2402
Black Pad	EDGE-4001	EDGE-2401
White Driver Pad	EDGE-4025	N/A
60 Grit Sand Screen	N/A	N/A
80 Grit Sand Screen	N/A	N/A
100 Grit Sand Screen	N/A	N/A
120 Grit Sand Screen	N/A	N/A
150 Grit Sand Screen	N/A	N/A
400 Grit HD Non Woven Polishing Pad	N/A	N/A
800 Grit HD Non Woven Polishing Pad	N/A	N/A
1500 Grit HD Non Woven Polishing Pad	N/A	N/A
3000 Grit HD Non Woven Polishing Pad	N/A	N/A
6000 Grit Diamond Poly Pad	N/A	N/A
Tile/Grout Renovator Pad	EDGE-4069	N/A
Dominator HD Strip Pad	EDGE-4006	N/A
Maroon ECO Prep Pad	EDGE-4007	EDGE-2407
Microfiber Pad	EDGE-4036	EDGE-2436

Common Wear Parts

ROUND DISK BRUSHES:

NOTICE

The ## in Disk Column Denotes Desk Pad Size: 17'' or 20''

BRUSHES	DISK	LEVEL
Midi Grit	706-##C	Medium
Light Grit	706-##PS	Moderate
Nylon	706-##N	Light
Pad Driver	706-##D	
Pad Driver Pad Retainer	#40-433	
Pad Driver Spring Clip	#40-423	

ROUND DISK PADS:

NOTICE

The ## in Disk Column Denotes Desk Pad Size: 17'' or 20''

DISK PADS	DISK	LEVEL	COLOR
Super Black	##-422BB	Very High	Black
Black	##-422B	High	Black
Brown	##-422BR	High	Brown
Green	##-422G	Medium	Green
Blue	##-422BL	Moderate	Blue
Red	##-422R	Moderate	Red
White	##-422W	Light	White

CYLINDRICAL BRUSHES:

BRUSHES	MODEL 26'' CYLINDRICAL	LEVEL
Midi Grit	75-246C	Medium
Light Grit	75-246PS	Moderate
Nylon	75-246N	Light

Squeegee Blade Kits

SQUEEGEE BLADE KITS & COMPLETE SQUEEGEE ASSEMBLIES:

SQUEEGEE SIZE	17" DECK	20" DECK	24" DECK
31" Squeegee	Standard	N/A	N/A
33" Squeegee	N/A	Standard	N/A
37" Squeegee	N/A	N/A	Standard

SQUEEGEE SIZE	LINATEX BLADE KIT	GUM RUBBER BLADE KIT	URETHANE BLADE KIT	COMPLETE SQUEEGEE ASSEMBLIES
31" Squeegee	231-770L	231-770G	231-770U	231-7180
33" Squeegee	233-770L	233-770G	233-770U	233-7180
37" Squeegee	237-770L	237-770G	237-770U	237-7180

SQUEEGEE MATERIAL:	USED FOR:
LINATEX	Provides best wear and tear resistance. Not designed for use with harsh chemicals.
URETHANE	Provides best resistance when dealing with harsh chemicals, oils, fuels, etc.
GUM	Provides best drying performance on rough/grouted floor types by sealing over irregularities. Short life.

NOTICE

Squeegee blade kits include (1) Rear Blade, (1) Front Blade, and (2) Caster Wheels with hardware.

NOTICE

Squeegee Assemblies (complete) listed above all come with Linatex blades.

NOTICE

Size is denoted by label on top squeegee.



S-SERIES PM SHEET

CUSTOMER & MACHINE INFORMATION			
Customer:			Email:
Address:			Phone:
City:	State:	Zip:	Contact:
Serial #:	Model #:		Work Order #:

NOTE: Start with Machine filled at least with ½ Tank of water. Turn ON Machine and Test Functionality of Machine

CHECK OPERATION & CONDITION OF	IN SPEC	REPAIR	PROBLEM
Key Switch			
Battery Gauge			
Deck Up / Down – Brush Switch			
Brush Pressure +/- Toggle (Optional)			
Vacuum Switch - ON / OFF			
Squeegee Lever - Up/Down			
Solution Switch - ON/OFF			
Solution Flow Lever +/-			
Green Drive Buttons - L & R			
Reverse Toggle Switch			
E-Stop (Optional)			

NOTE: Drain Solution & Recovery Tank fully. Rinse out Recovery Tank

CLEAN & INSPECT – SOLUTION TANK	IN SPEC	REPAIR	PROBLEM
Solution Fill Screen - Mesh			
Solution Fill Hose (Optional)			
Solution Inline Filter			
Vacuum Muffler Drain Hose			
Battery Drain Hose			

BRUSH CONDITION – SCRUB DECK			
Deck Curtains/Wipers	Good	Worn	Needs Replacement
Brush Sockets: (2-Disk)/(4-Cylindrical)	Good	Worn	Needs Replacement
Brush Drivers: (2-Disk)/(4-Cylindrical)	Good	Worn	Needs Replacement
Scrub Brush Fiber Length	Brush 1 Length:	Brush 2 Length:	Rotated Brushes: Y / N

CLEAN & INSPECT – SCRUB DECK	IN SPEC	REPAIR	PROBLEM
Scrub Deck Linkage Pivot Points			
Scrub Deck Lift Actuator			
Scrub Deck Level (Orbital Only)			
Scrub Motor Wires			

CLEAN & INSPECT - SQUEEGEE	IN SPEC	REPAIR	PROBLEM
Remove and Wipe off Squeegee			
Check and Rotate Blades as Needed			
Caster Wheels and Height			
Pitch Adjust			
Check Pivot and Knobs			
Squeegee Vac Hose			

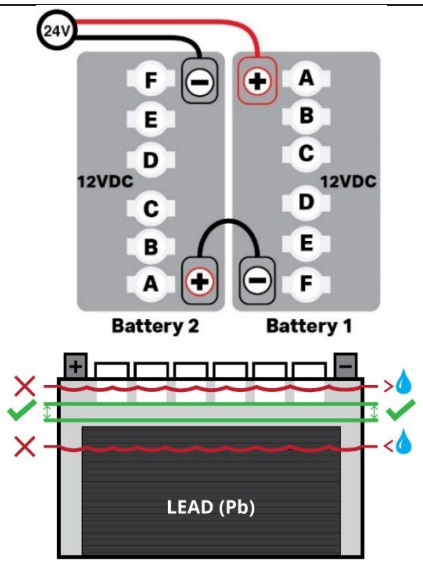
CLEAN & INSPECT – RECOVERY TANK	IN SPEC	REPAIR	PROBLEM
Recovery Tank Lid & Gasket			
Vacuum Float Ball Screen			
Vacuum Box White Filter			
2” Round Final Vac Screen			
Solution Site Tube			

CLEAN & INSPECT – DRIVE	IN SPEC	REPAIR	PROBLEM
Drive Wheels & Casters Condition			
Grease Caster Swivel			

PM Sheet

S-SERIES PM SHEET

BATTERY #1	HYDROMETER READING	WATER CLARITY (Circle One)		WATER LEVEL (Circle One)		
Cell A		Clear	Dark	Overfilled	OK	Low
Cell B		Clear	Dark	Overfilled	OK	Low
Cell C		Clear	Dark	Overfilled	OK	Low
Cell D		Clear	Dark	Overfilled	OK	Low
Cell E		Clear	Dark	Overfilled	OK	Low
Cell F		Clear	Dark	Overfilled	OK	Low
BATTERY #2	**HYDROMETER READING**	**WATER CLARITY (Circle One)**		**WATER LEVEL (Circle One)**		
Cell A		Clear	Dark	Overfilled	OK	Low
Cell B		Clear	Dark	Overfilled	OK	Low
Cell C		Clear	Dark	Overfilled	OK	Low
Cell D		Clear	Dark	Overfilled	OK	Low
Cell E		Clear	Dark	Overfilled	OK	Low
Cell F		Clear	Dark	Overfilled	OK	Low



CLEAN & INSPECT - BATTERIES	IN SPEC	REPAIR	PROBLEM
Battery Terminals			
Battery Cables			
Torque Battery Nuts 11ft/lbs			

OPERATE & CONFIRM	IN SPEC	REPAIR	PROBLEM
Fill Solution Tank – ¾ Full			
Scrub & Dry			
Fine Tune Squeegee Adjustments			

COMMENTS & RECOMMENDATIONS		
Servicing Distributor:		
Technician's Name:	Date:	Signature:
Customer's Name:	Date:	Signature:

PG. 2

Console / WET / Domestic Chargers:

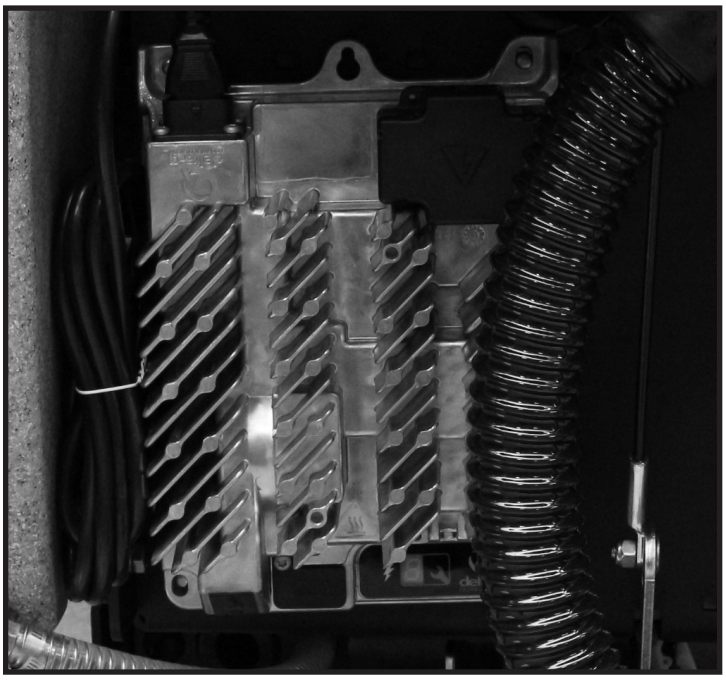




AC Power IN: 120VAC / 60Hz
DC Power OUT: 24VDC / 12A

Please refer to OEM Charger Operating Instructions for more information.

Onboard / AGM / International Chargers:

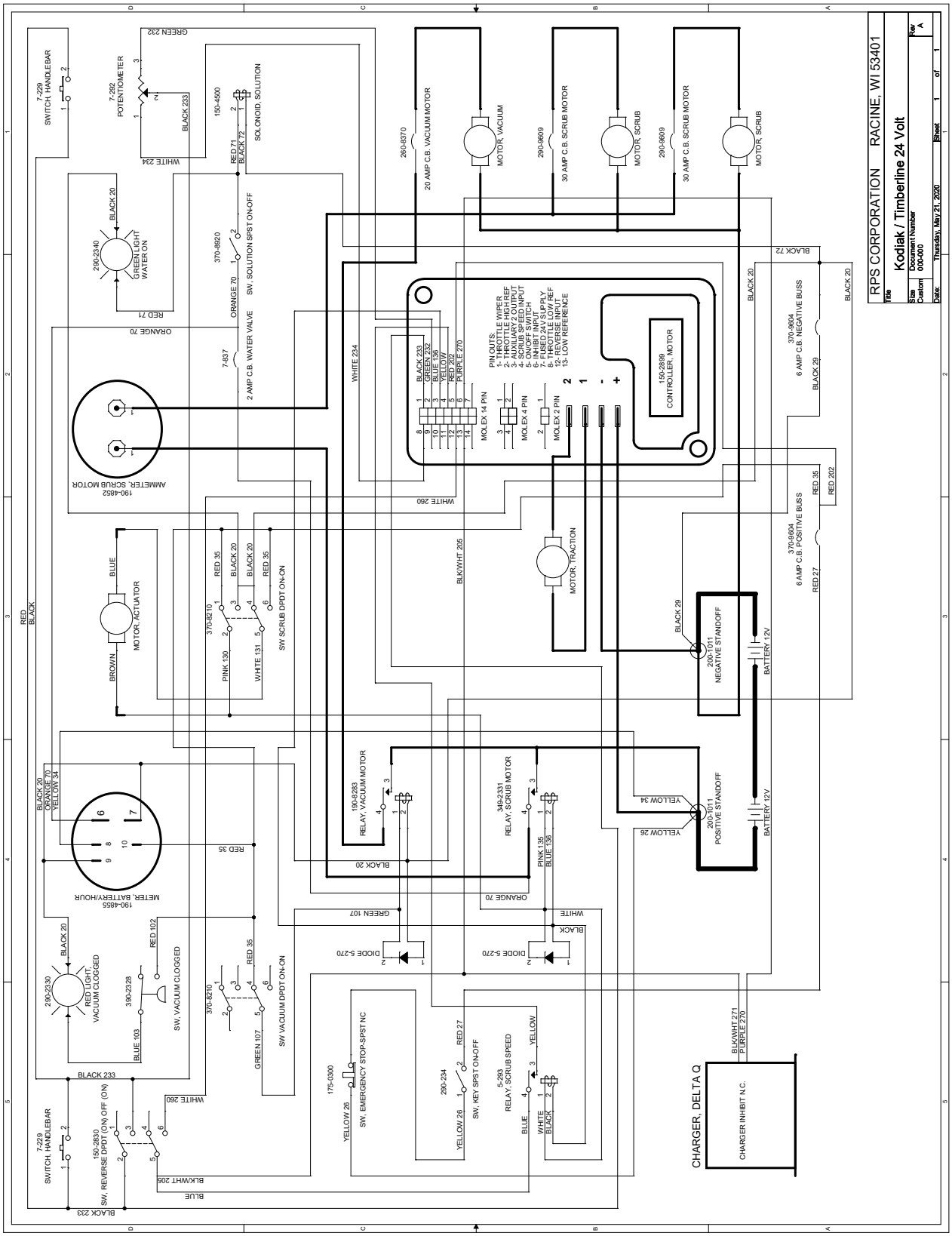




AC Power: 80-270VAC / 50-60Hz
DC Power OUT: 24VDC / 25A

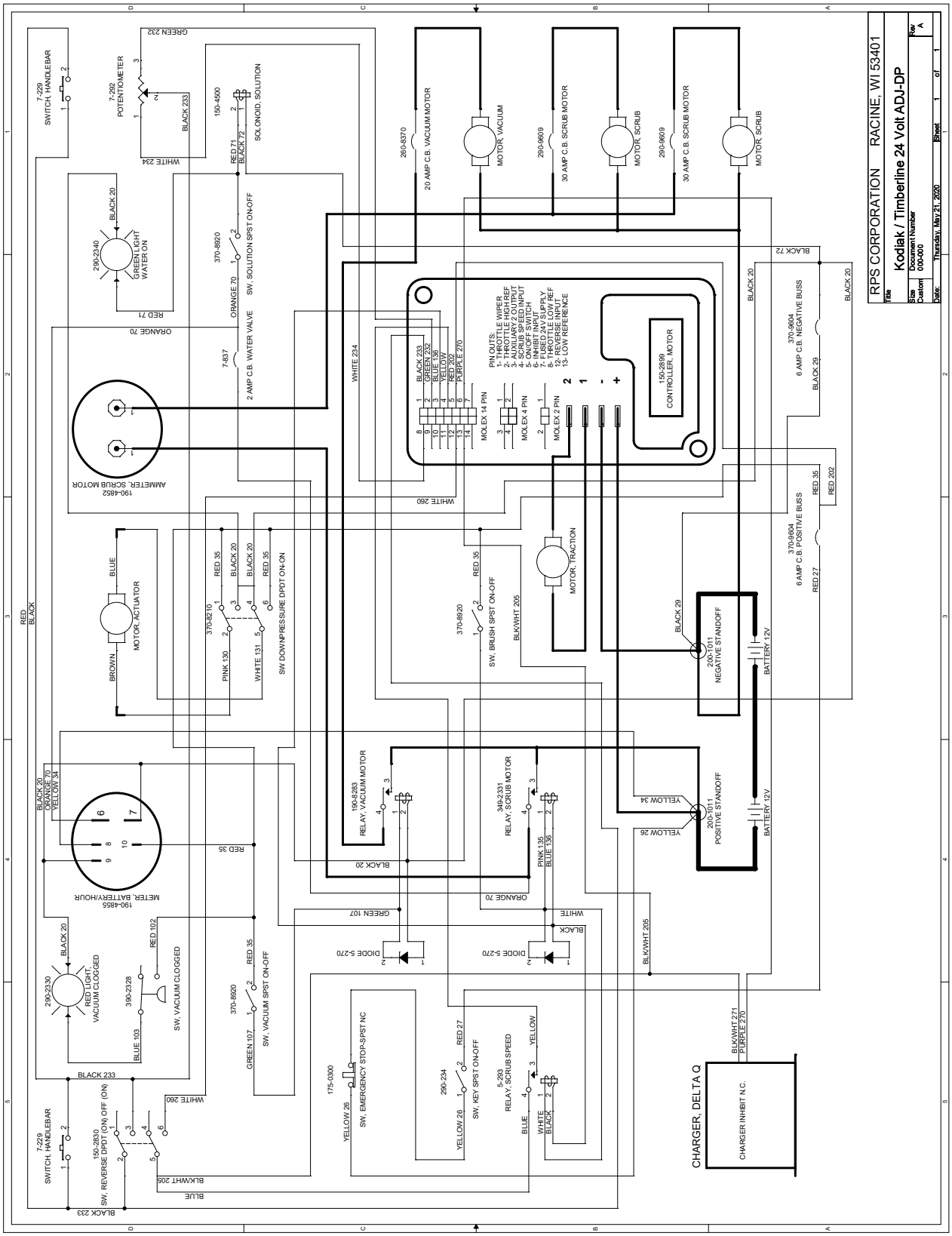
Please refer to OEM Charger Operating Instructions for more information.

Schematics



Questions? Call 855-965-0011 Use OEM Parts

Schematics Adjusted Down Pressure



Questions? Call 855-965-0011 Use OEM Parts

OTHER

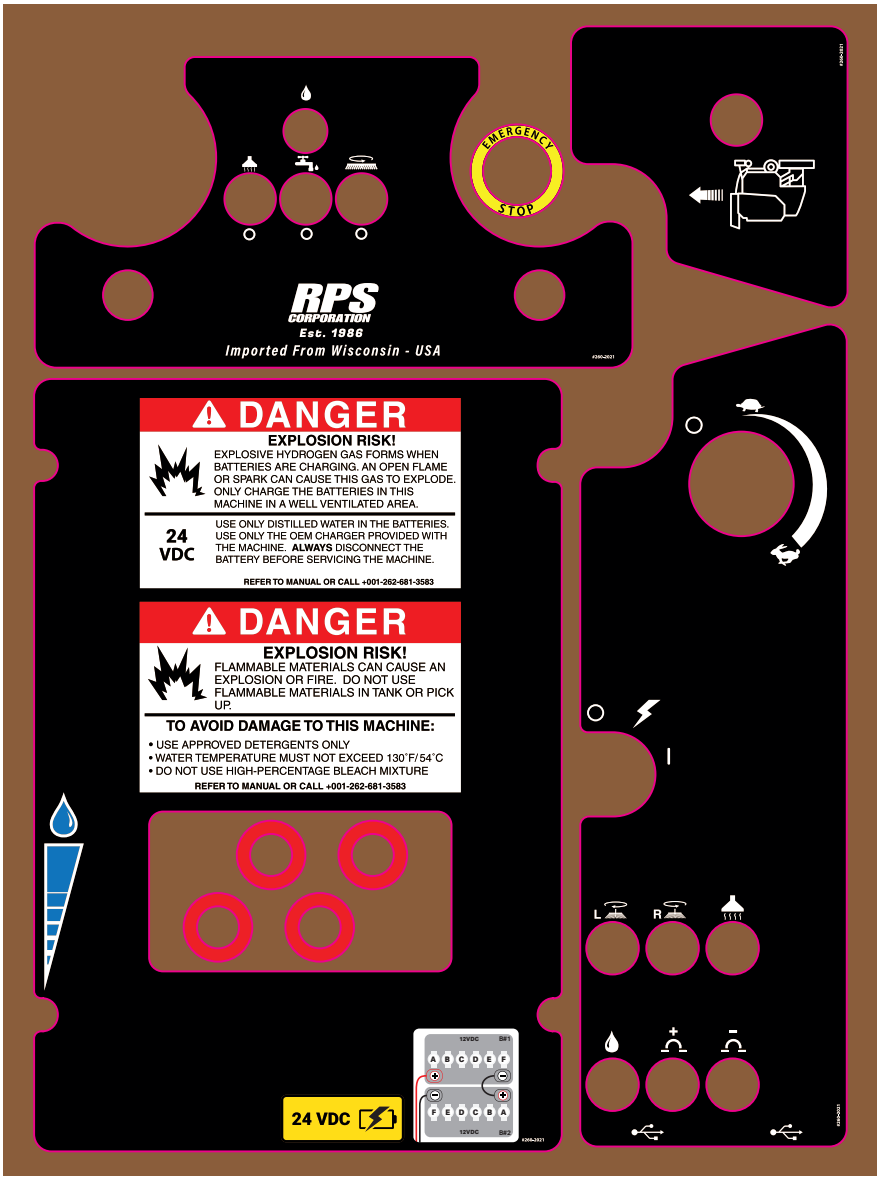
Decals



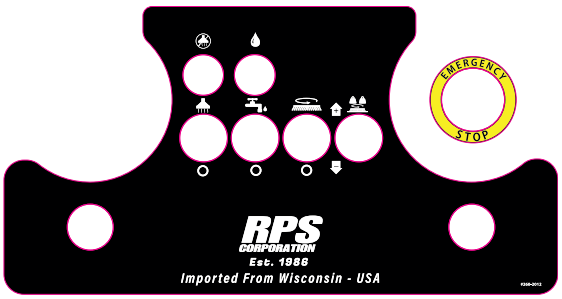
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P# 260-7201



P# 260-2021



P# 260-2012



P# 260-020D



P# 260-020O



P# 260-024O