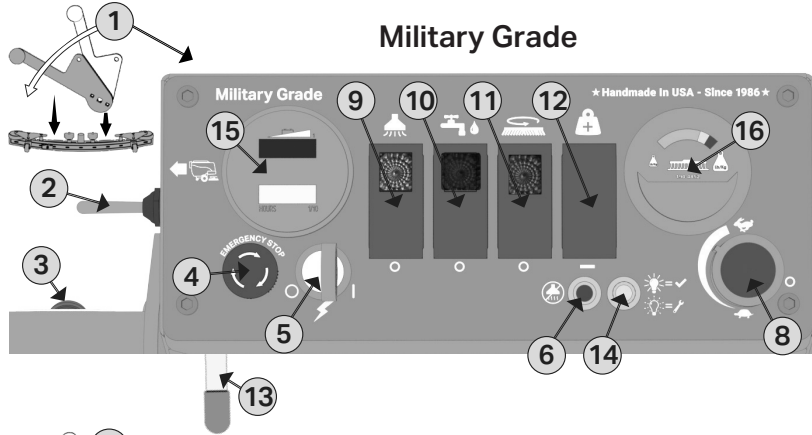
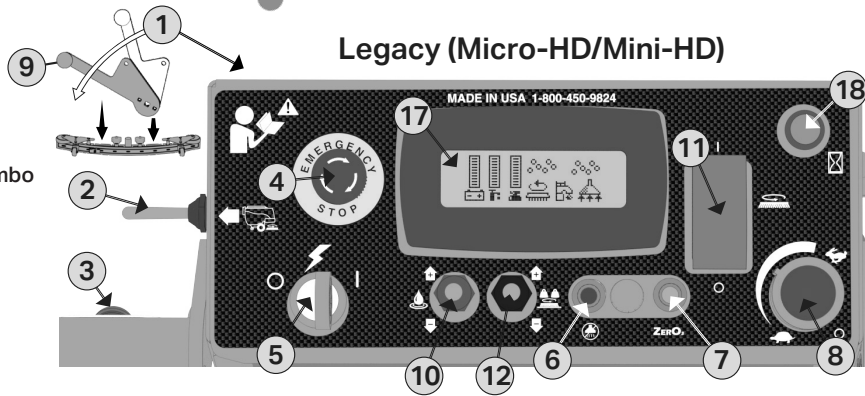


DASHBOARD CONTROLS (MILITARY, LEGACY, TOUCH SCREEN, MEMBRANE)

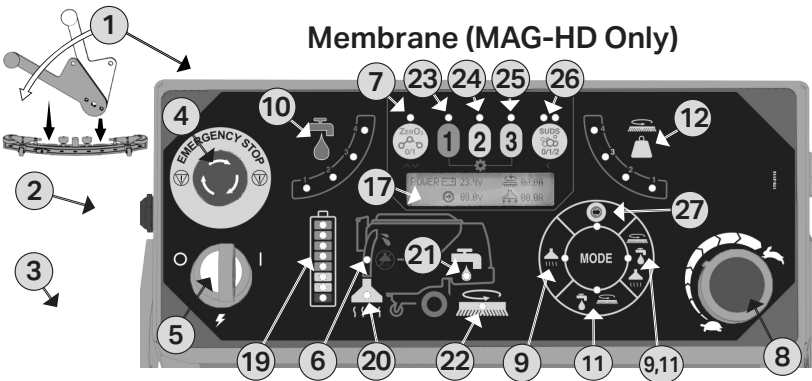
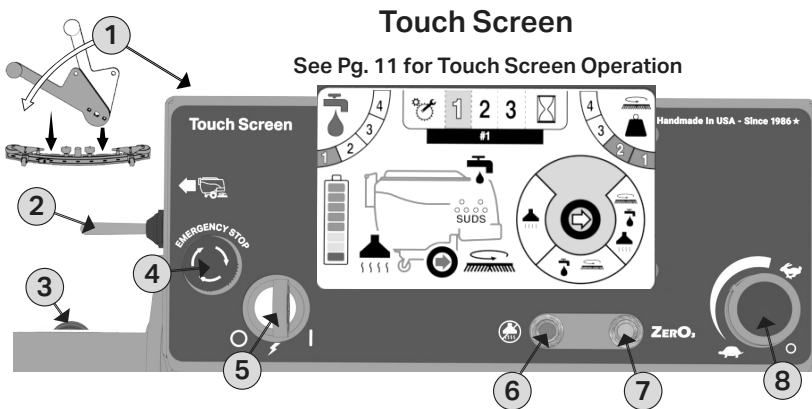
1. Squeegee Lever
2. Reverse Switch
3. Drive Switch (Both Handles)
4. E-Stop
5. Key Switch
6. Vac Clog Light
7. ZER03 Light
8. Speed Potentiometer



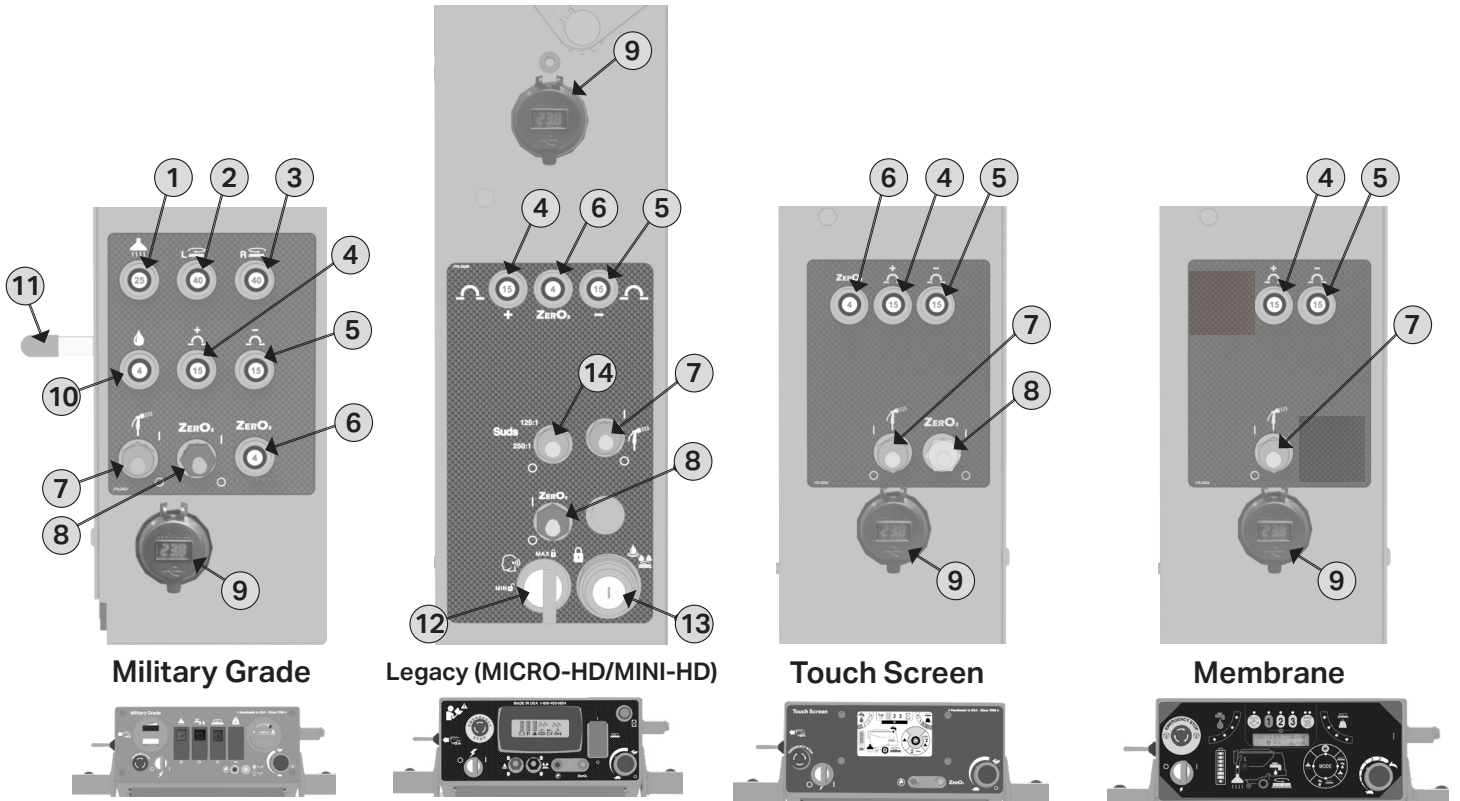
9. Vac Switch
10. Solution Switch
11. Scrubdeck Switch
12. Down pressure Switch
13. Military Flow Lever
14. Military Status Light
15. Military Battery Gauge / Hour Meter Combo
16. Military Down Pressure Gauge
17. LCD Screen
18. Legacy Hour Meter Button
19. Batteries
20. Vac Light
21. Solution Light
22. Scrubdeck



19. Batteries
20. Vac Light
21. Solution Light
22. Scrubdeck
23. Zone 1
24. Zone 2
25. Zone 3
26. Suds
27. Traction



CENTRAL COMMAND SIDE PANEL CONTROLS

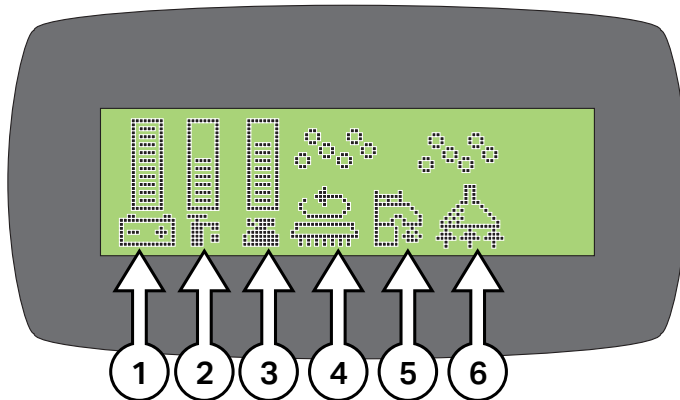


- | | | |
|----------------------------------|------------------------------------|---|
| 1. Vac Circuit Breaker | 6. ZER03 Circuit Breaker | 11. Military Solution Control Lever |
| 2. Left Brush Circuit Breaker | 7. Spray Jet On (I) / Off (O) | 12. Legacy ECON switch Max (locked) Min (unlocked) |
| 3. Right Brush Circuit Breaker | 8. ZER03 On (I) / Off (O) | 13. Legacy Dual Manager Lockout Solution/Downpressure |
| 4. Positive BUSS Circuit Breaker | 9. Dual USB Voltmeter | 14. Suds Switch 125:1/ 250:1/ Off (O) |
| 5. Negative BUSS Circuit Breaker | 10. Solution Valve Circuit Breaker | |

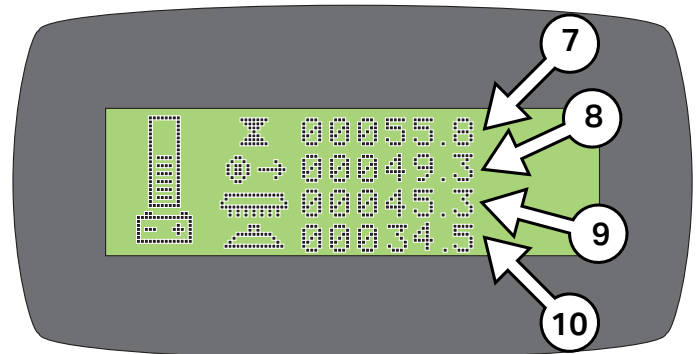
LEGACY LCD SCREEN (MICRO-HD/MINI-HD ONLY)



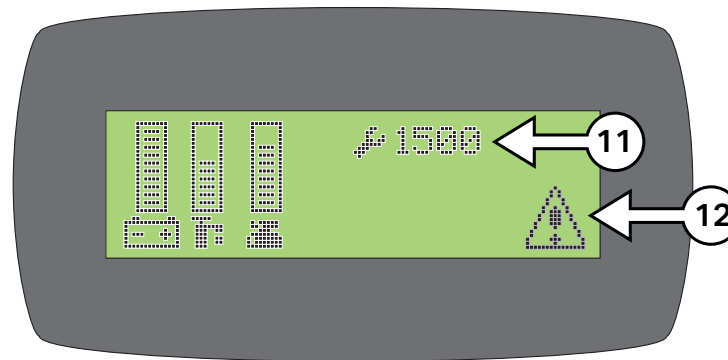
SCREEN #1 (OPERATOR)



SCREEN #2 (MAINTENANCE)



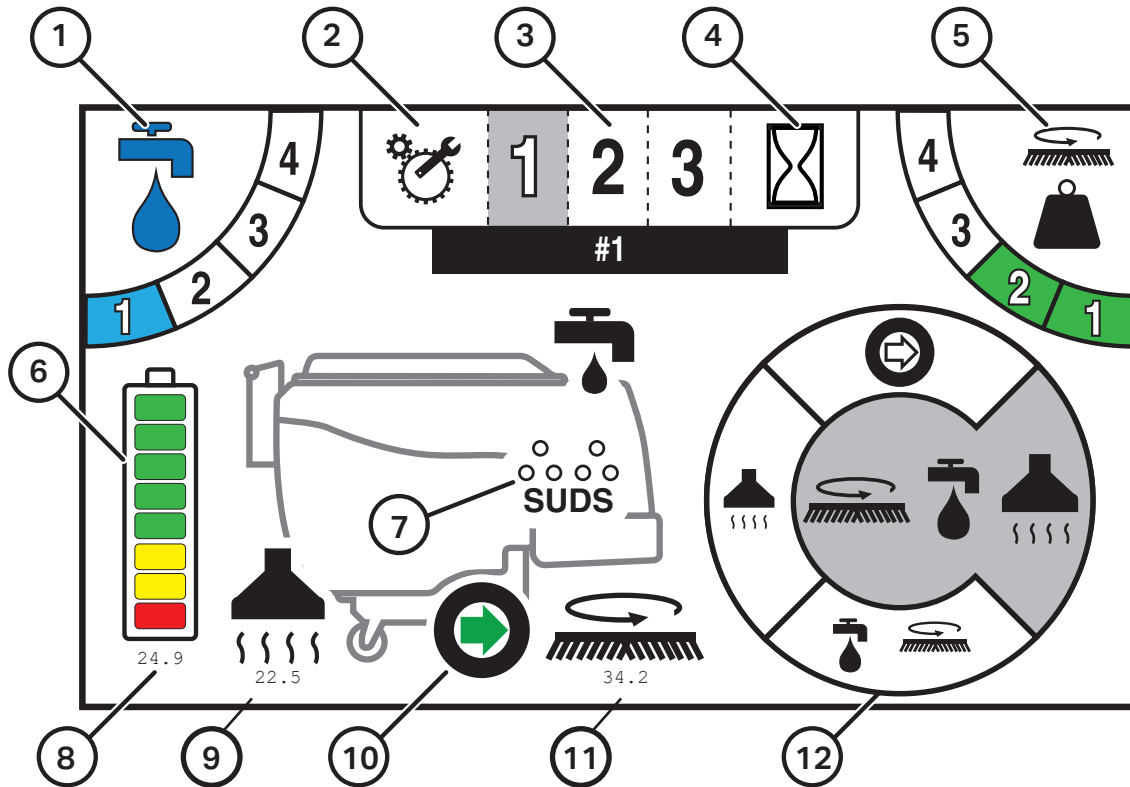
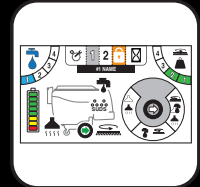
SCREEN #3 (WITH ERROR CODE)



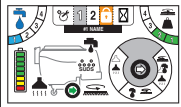
**** USE GREEN MENU SELECTION BUTTON ON CONTROL PANEL TO CHANGE SCREENS ****

1. **BATTERY LEVEL INDICATOR** - Indicates the energy level remaining in the Batteries (*Shown on all menu displays*)
2. **SOLUTION OUTPUT INDICATOR** - Indicates the gallons per minute (*GPM*) 0 - 1.0
3. **SCRUBDECK DOWN PRESSURE INDICATOR** - Sets the down pressure on the Brushes / Pads
4. **SCRUB MOTORS ON** - Indicates the Brush Motors are in operation
5. **SOLUTION ON** - Indicates the solution flow is *ON*
6. **VACUUM ON** - Indicates the Vacuum is *ON*
7. **KEY SWITCH HOUR METER** - Indicates total hours the machine has had keyswitch *ON*
8. **TRANSPORT HOUR METER** - Indicates total hours the drive system has been in operation
9. **SCRUB BRUSH HOUR METER** - Indicates total hours the brush motors have been in operation
10. **VACUUM HOUR METER** - Indicates total hours the vacuum motor has been used
11. **DIAGNOSTIC CODE** - Displays diagnostic code which helps troubleshoot issues
12. **ERROR WARNING SYMBOL** - Indicates when there has been a diagnostic code error

TOUCH SCREEN (OPTIONAL)

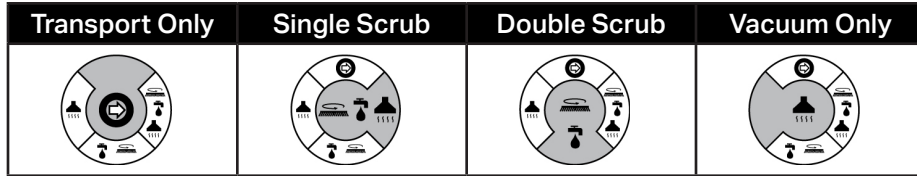


1. SOLUTION OUTPUT - Indicates the level of solution that is being dispensed when in operation, (0 = off, 1 = Low, 4 = High).
2. TECHNICAL / MANAGER SETUP - Access 'Error Code History' and Manager Programming
3. PROGRAMMED ZONES - Switch between preset solution and downpressure settings for varying applications
4. HOUR METERS - Displays all of the hour meters of the machine: Key Switch, Transport, Scrub Motors, and Vacuum Motor
5. DOWN PRESSURE OUTPUT - Indicates the level of downpressure that is being applied to the floor surface (1 = low, 4 = high).
6. BATTERY GAUGE - Indicates the level of battery charge available and volt meter
7. SUDS - (Onboard Chemical Dilution) indicator
8. ACTIVE VOLT & AMP DRAW - Indicates the live DC Volts (under battery gauge) and Amp draw (under systems) when machine is running
9. AMP VAC CURRENT - Indicates Vac power consumption
10. TRANSPORT INDICATION - Green Forward & Red Rev
11. BRUSH DISK CURRENT - Indicates Brush power consumption
12. OPERATION MODE SELECTOR - Cycle through and select which operation mode you would like to work in

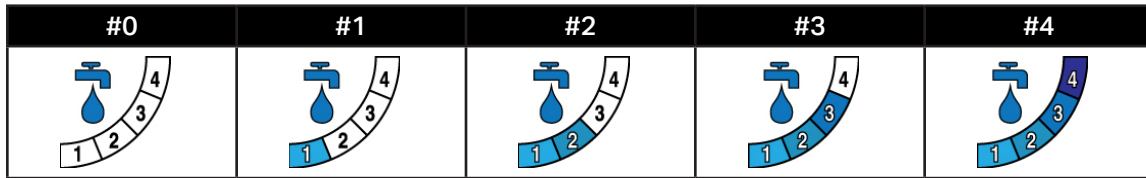


TOUCH SCREEN SYMBOLS (OPTIONAL)

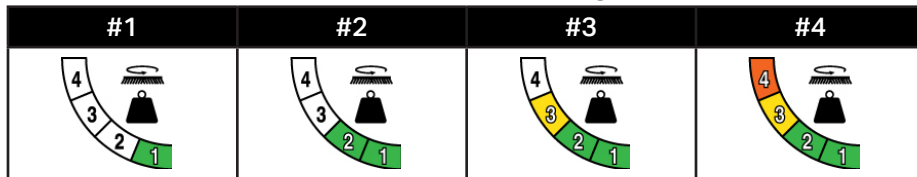
Mode Selection



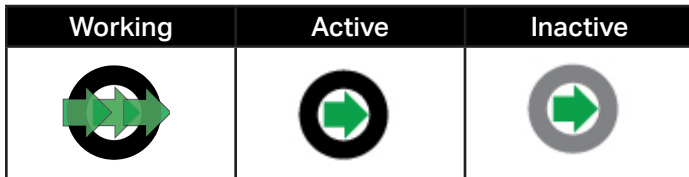
Solution Setting



Down Pressure Setting



Forward Transport Motor



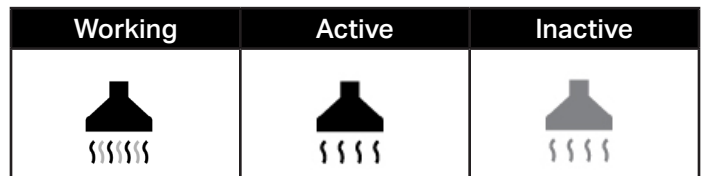
Reverse Transport Motor



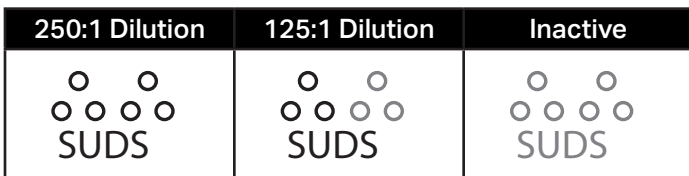
Solution Flow



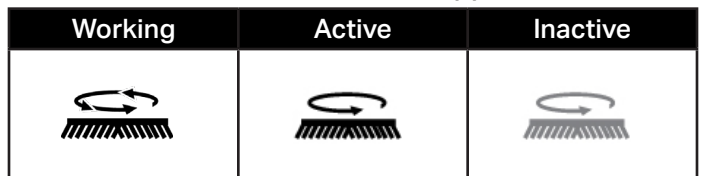
Vacuum Motor



Suds



Scrub Deck Motor(s)



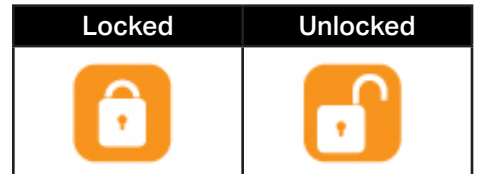
Setup



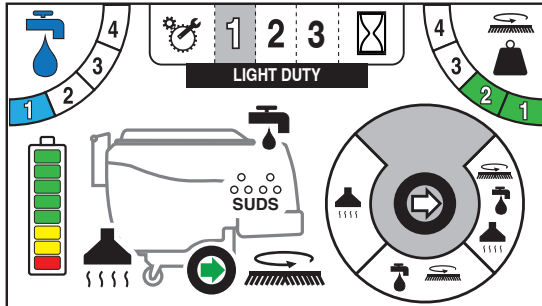
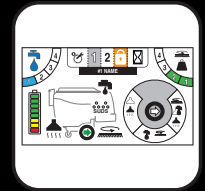
Hour Meters



Zone Lock



TOUCH SCREEN ZONE OPERATION (OPTIONAL)



The touch screen is designed to be programmed to three specific zones. Each zone can be named and custom programmed or even disabled if not needed.

The zone you are working in is highlighted as indication. In Figure 1. the zone selected is Light Duty.

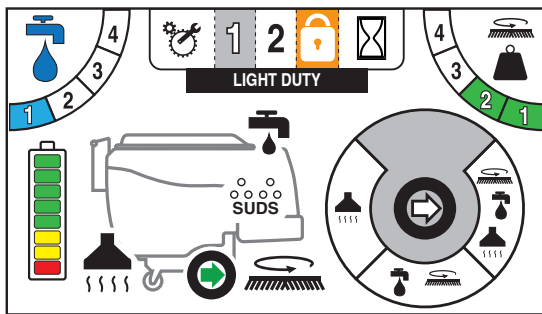


Figure 2. shows Zone 3 "locked out" by the indicator lock icon.

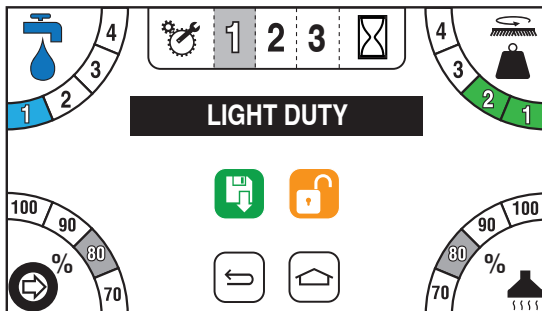


Figure 3. shows Zone 1 "Light Duty" Factory Configuration.

- Water = 1
- Downpressure = 2
- Drive Speed = 70%
- Vac Motor = 80%

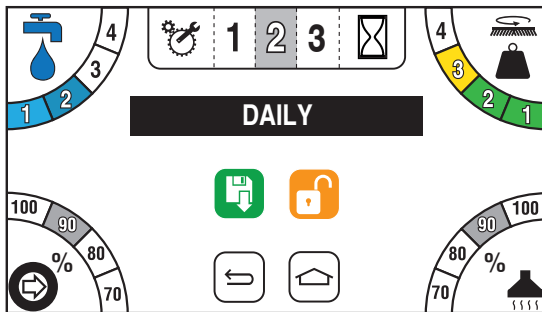


Figure 3. shows Zone 2 "Daily" Factory Configuration.

- Water = 2
- Downpressure = 3
- Drive Speed = 90%
- Vac Motor = 90%

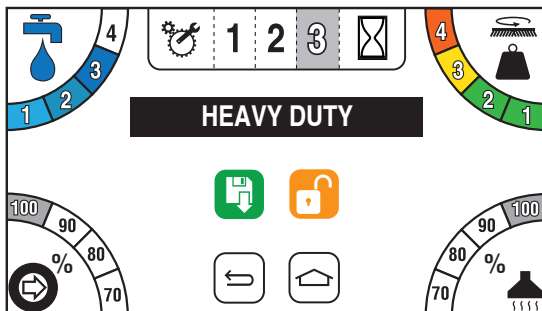
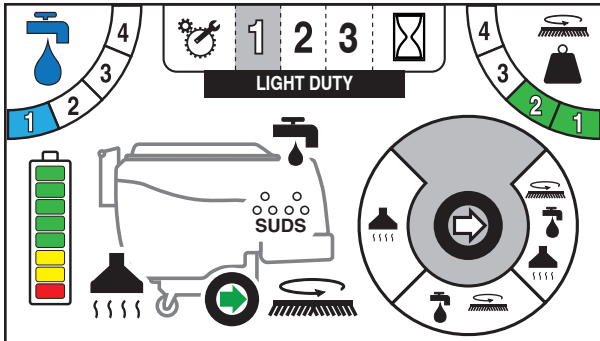
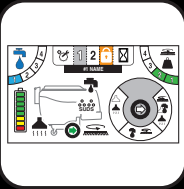


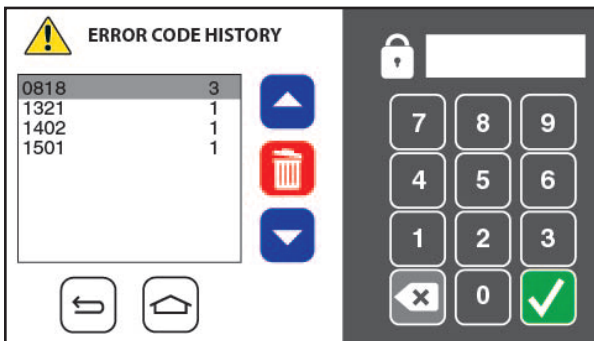
Figure 3. shows Zone 3 "Heavy Duty" Factory Configuration.

- Water = 3
- Downpressure = 4
- Drive Speed = 100%
- Vac Motor = 100%

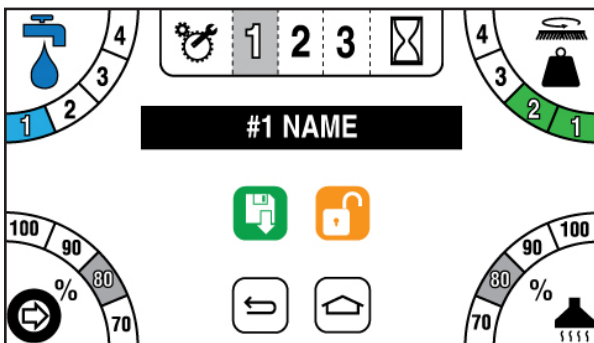
TOUCH SCREEN ZONE PROGRAMMING (OPTIONAL)



To program the 3 Zones, press



From here you will be prompted with a passcode screen. Enter the manager passcode 349 to get access to setup.



Once you have entered the password, you will see the Figure 3. screen where you can alter the name, solution output, down-pressure setting, scrubbing speed, and vacuum power.

Alternatively you can lock the Zone out from this screen, to prohibit operator use.

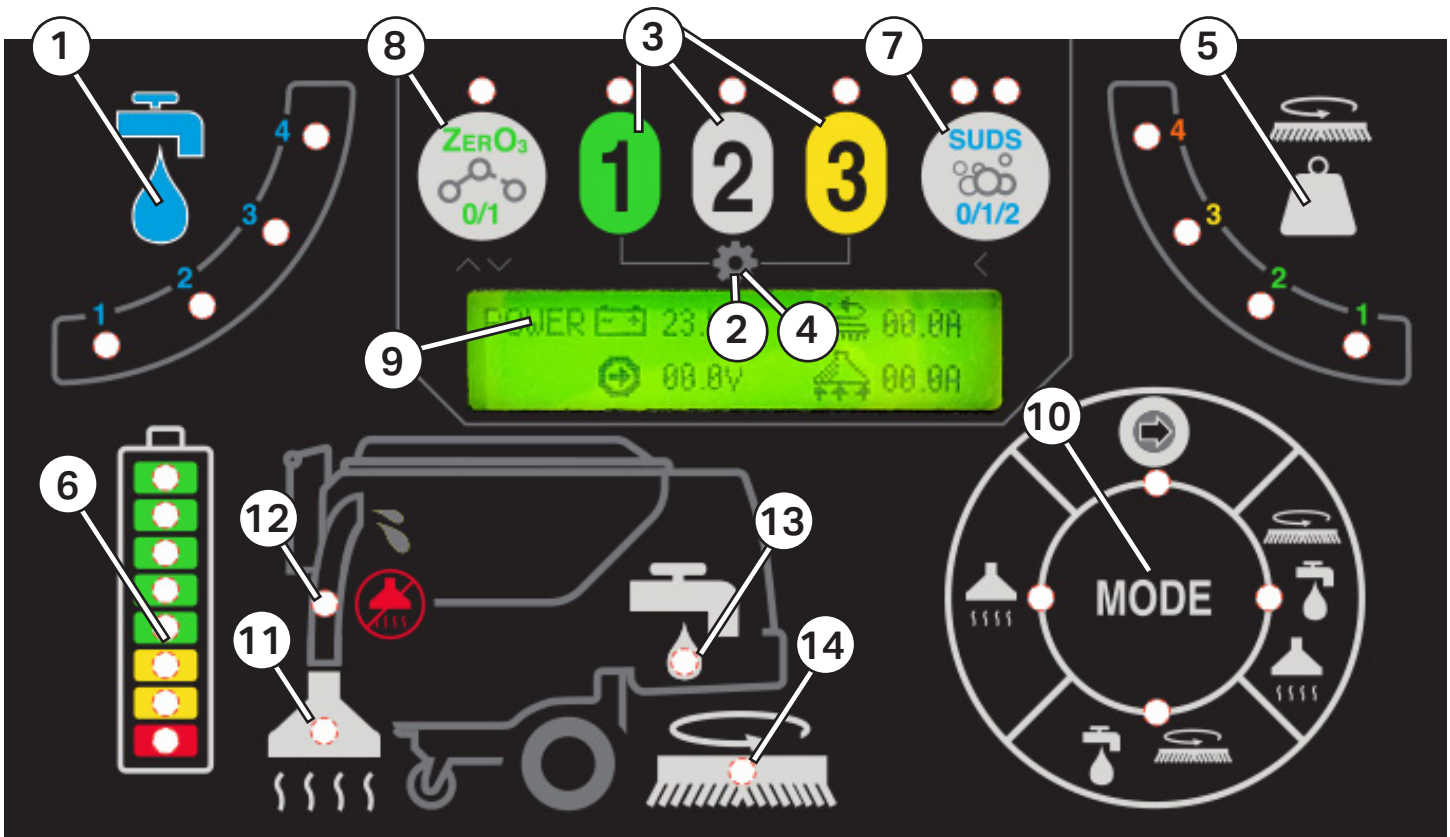
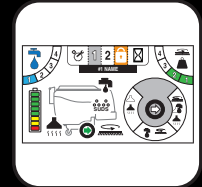
Once any of the 3 "Zones" is locked the remaining zones are no longer adjustable either by the operator.



To alter the name of a Zone, simply click on the black name box and a full keyboard will appear as Figure 4. shows. Enter new name and save your work with the Green save icon.



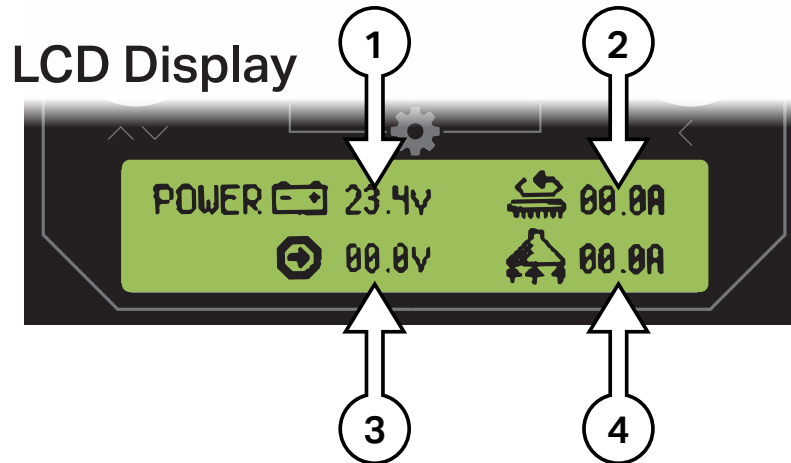
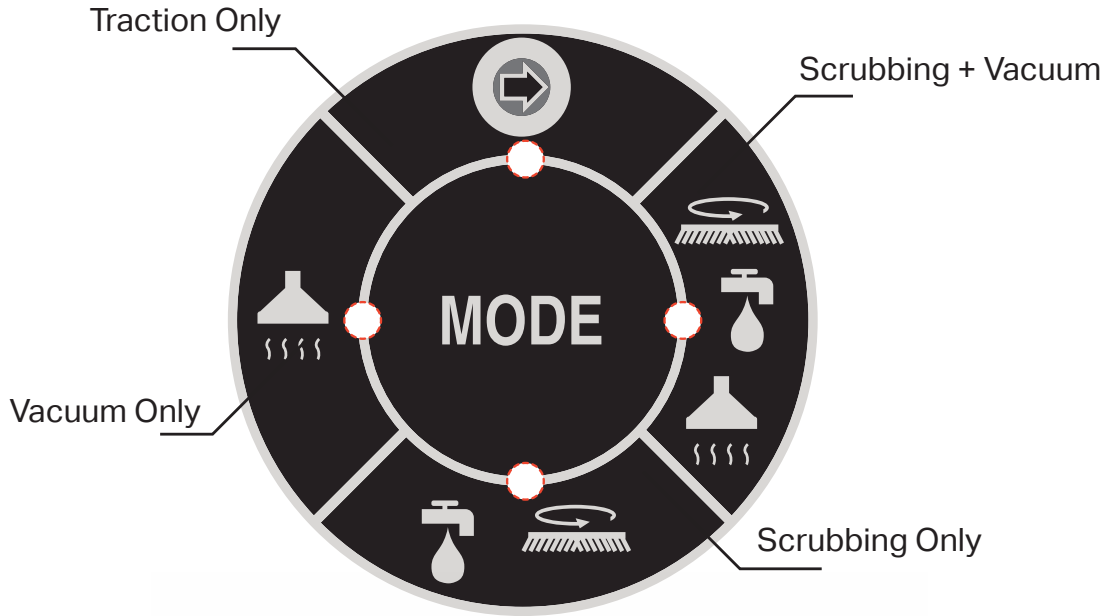
MEMBRANE (MAG-HD ONLY)



1. SOLUTION OUTPUT - Indicates the level of solution that is being dispensed when in operation, (0 = off, 1 = Low, 4 = High).
2. TECHNICAL / MANAGER SETUP - Access 'Error Code History' and Manager Programming
3. PROGRAMMED ZONES - Switch between preset solution and downpressure settings for varying applications
4. HOUR METERS - Displays all of the hour meters of the machine: Key Switch, Transport, Scrub Motors, and Vacuum Motor
5. DOWN PRESSURE OUTPUT - Indicates the level of downpressure that is being applied to the floor surface (1 = low, 4 = high).
6. BATTERY GAUGE - Indicates the level of battery charge available and volt meter
7. SUDS - (Onboard Chemical Dilution) indicator
8. ZerO3 - (Chemical Free Auquous Ozone) indicator
9. ACTIVE VOLT & AMP DRAW - Indicates the live DC Volts (under battery gauge) and Amp draw (under systems) when machine is running
10. OPERATION MODE SELECTOR - Cycle through and select which operation mode you would like to work in
11. VAC LIGHT- Indicates when vacuum is on
12. VAC CLOG LIGHT- Indicates when vacuum is clogged
13. SOLUTION LIGHT- Indicates active solution to scrub deck
14. SCRUB DECK LIGHT- Indicates active scrub deck



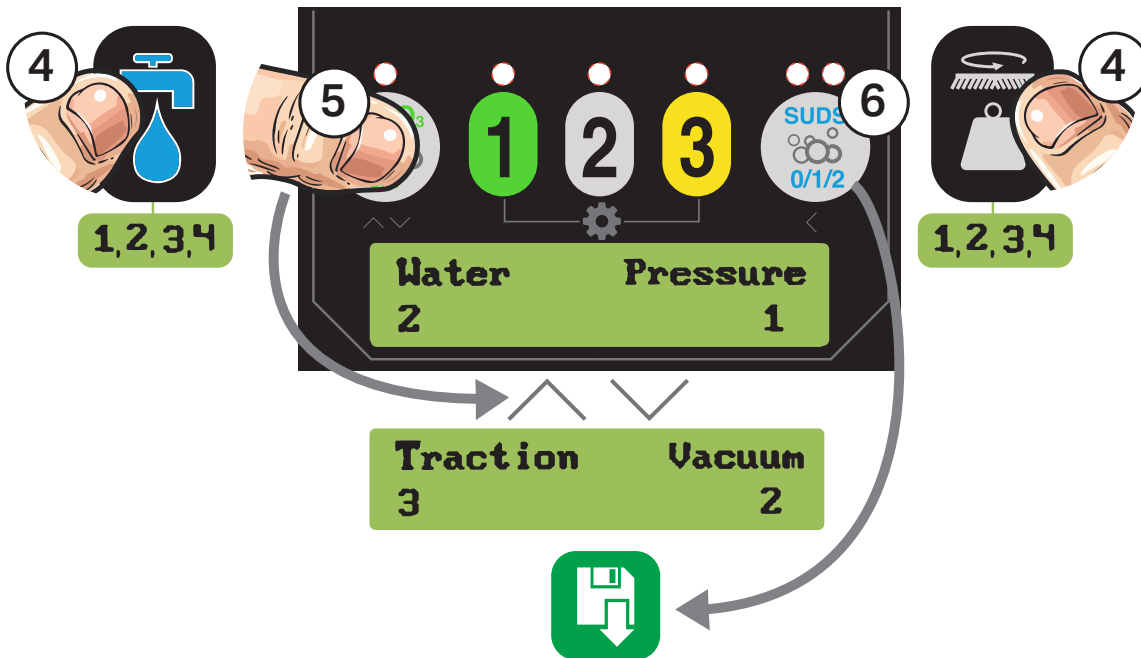
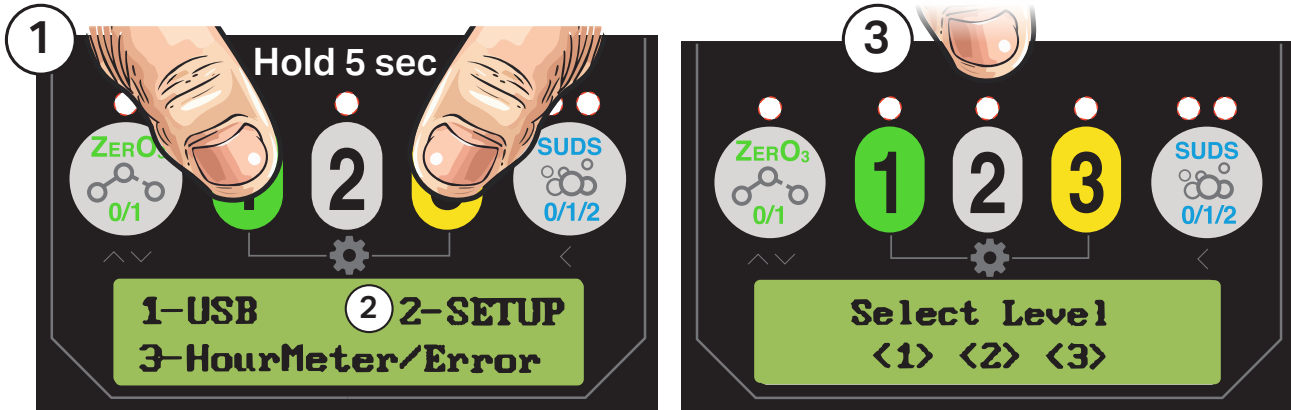
Mode Wheel



1. BATTERY VOLTAGE READOUT
2. SCRUBDECK AMPERAGE READOUT
3. TRACTION VOLTAGE READOUT
4. VACUUM AMPERAGE READOUT



Programming Zones



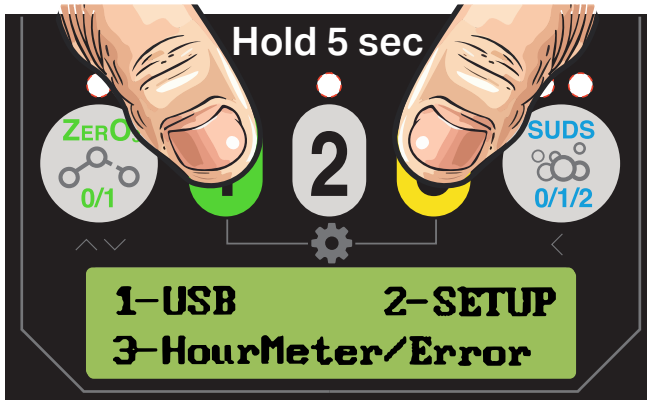
Operator Video



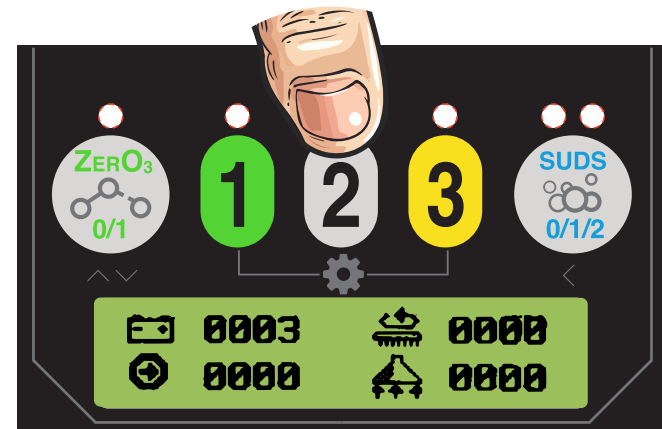
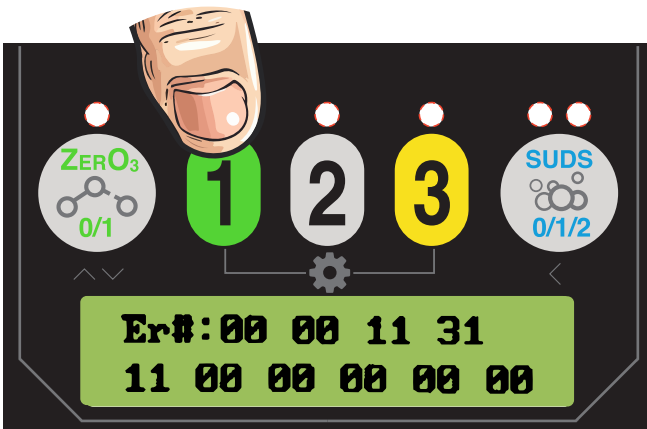
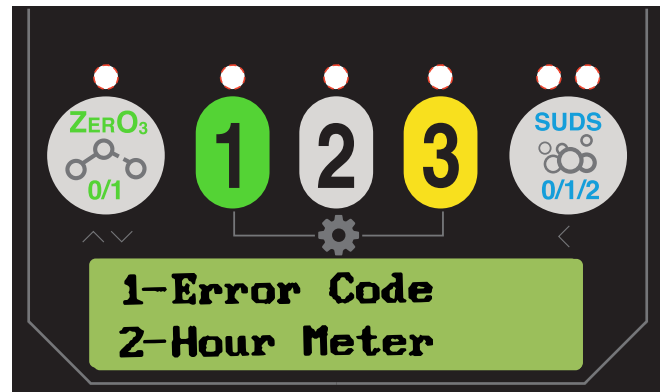
- ① HOLD (1) & (3) FOR 5 SEC
- ② SELECT SETUP (2)
- ③ SELECT LEVEL
- ④ WATER/DOWNPRESSURE CHANGES VALUES
- ⑤ PUSH ZERO3 TO SWAP SCREENS
- ⑥ PUSH SUDS TO SAVE



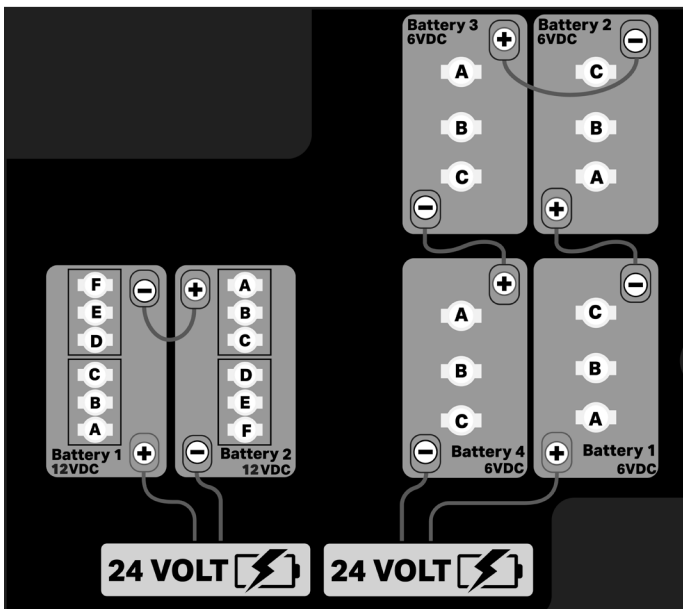
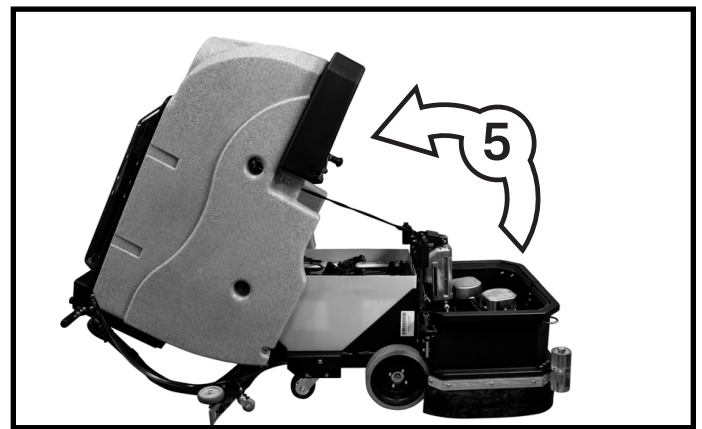
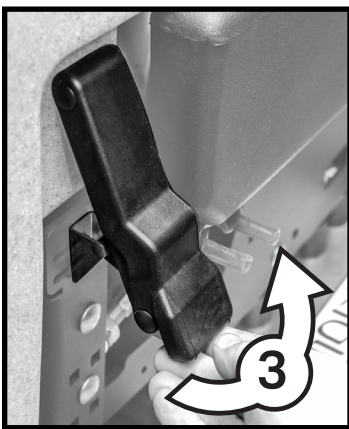
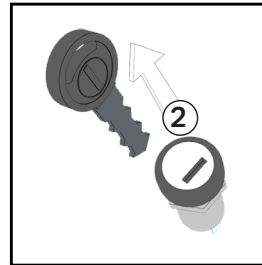
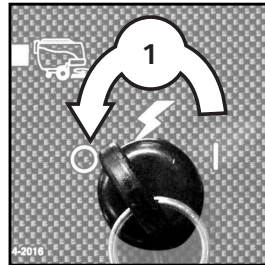
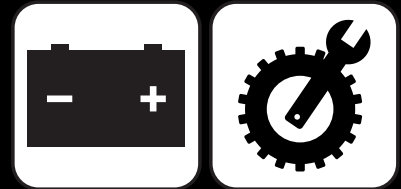
Checking Hour Meters & Error Codes



Select (3)



BATTERY SETUP

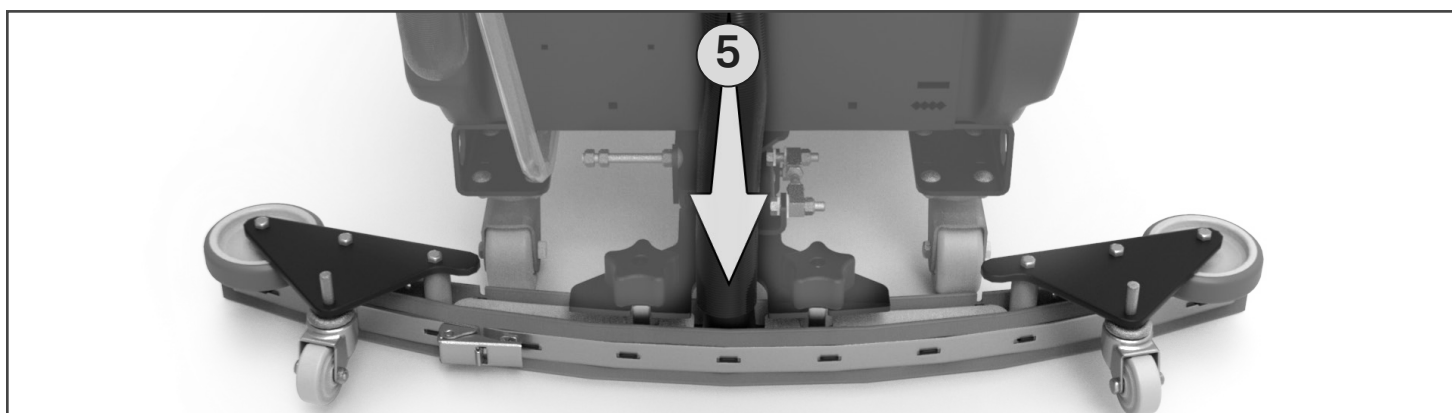
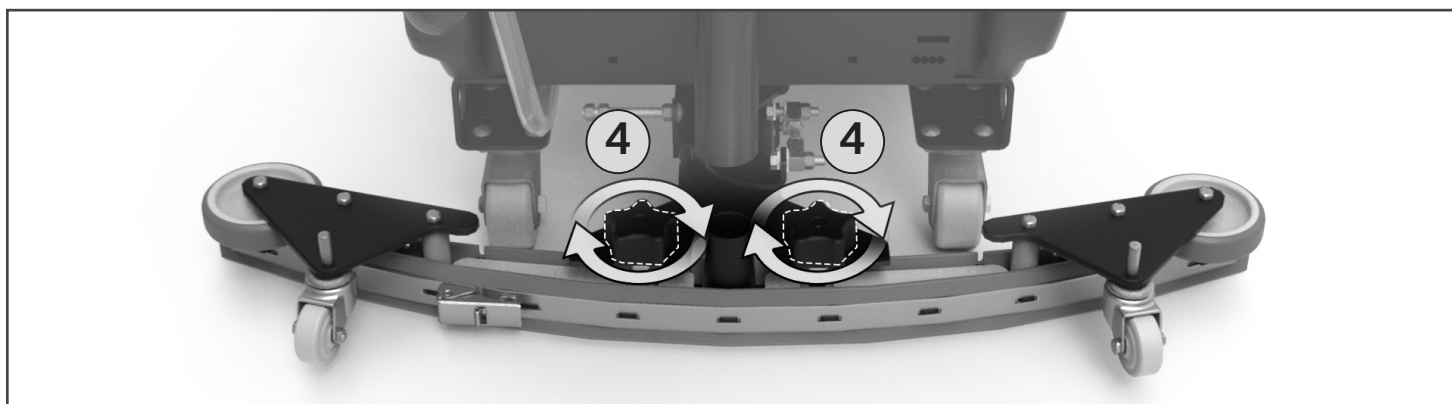
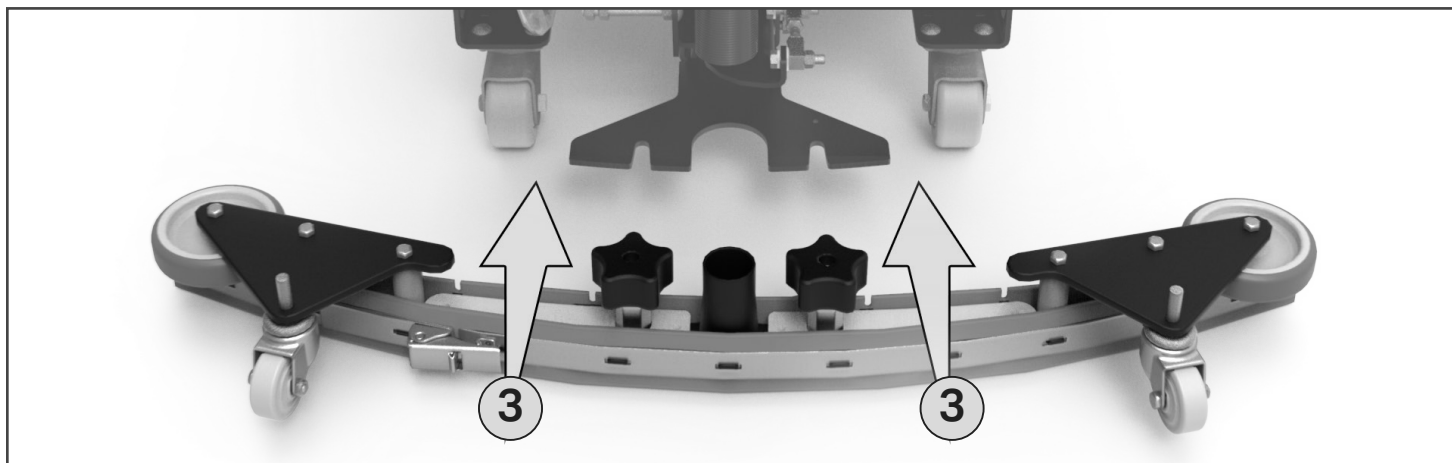
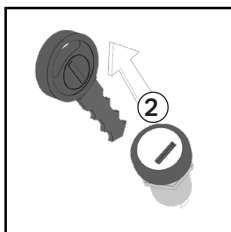
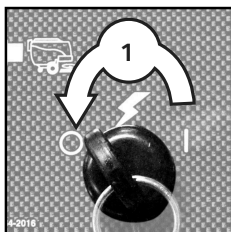


NOTICE
Batteries are a possible environmental hazard. Consult your Battery supplier for safe disposal methods.

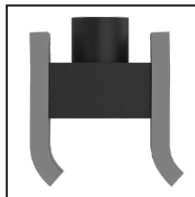
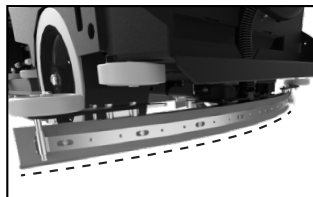
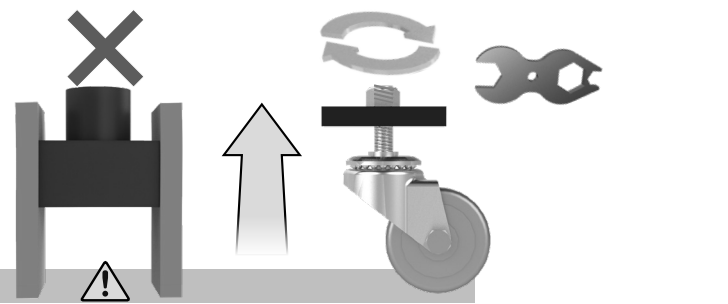
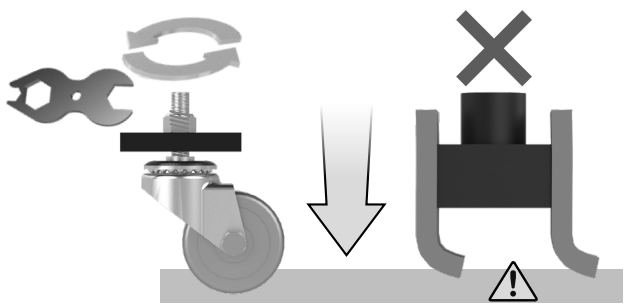
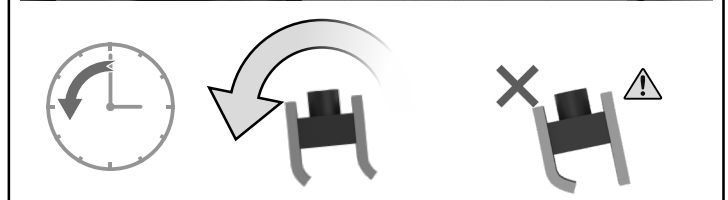
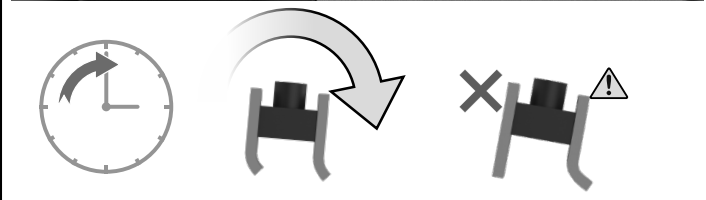
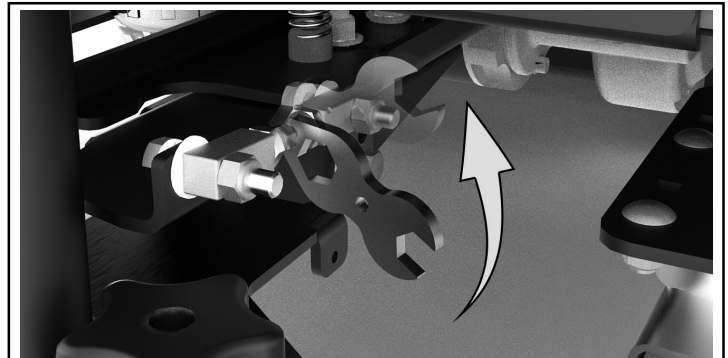
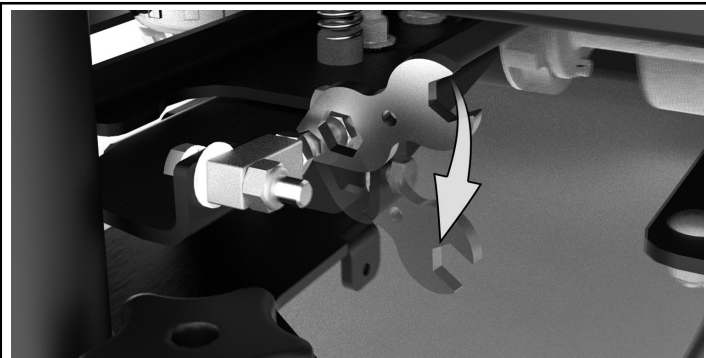
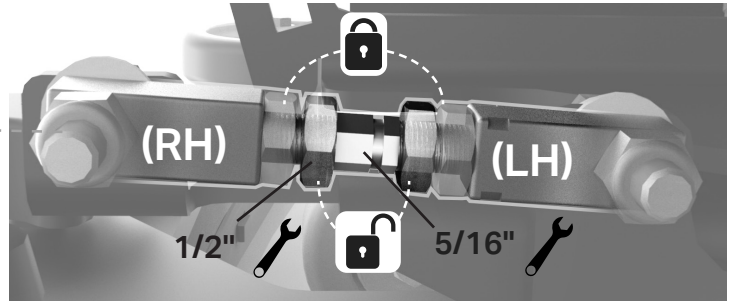
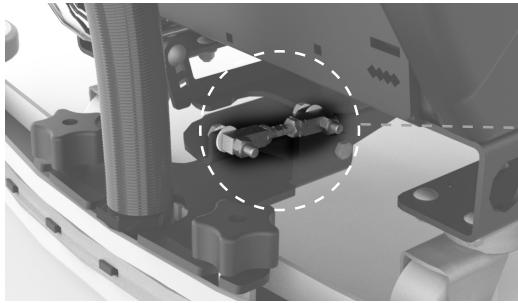
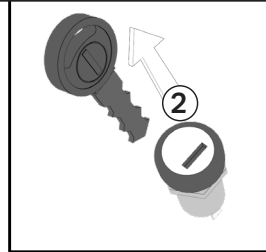
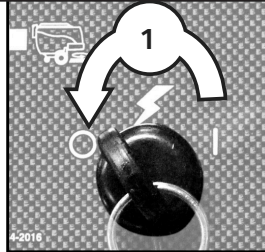
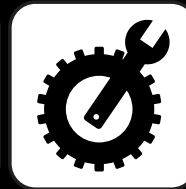
NOTICE
Orientation of Batteries is critical for cables to reach. Ensure proper torque values when installing batteries. (Between 8 - 12 ft/lbs)

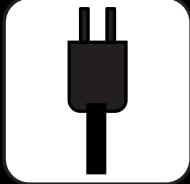
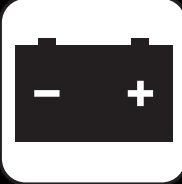


INSTALL SQUEEGEE

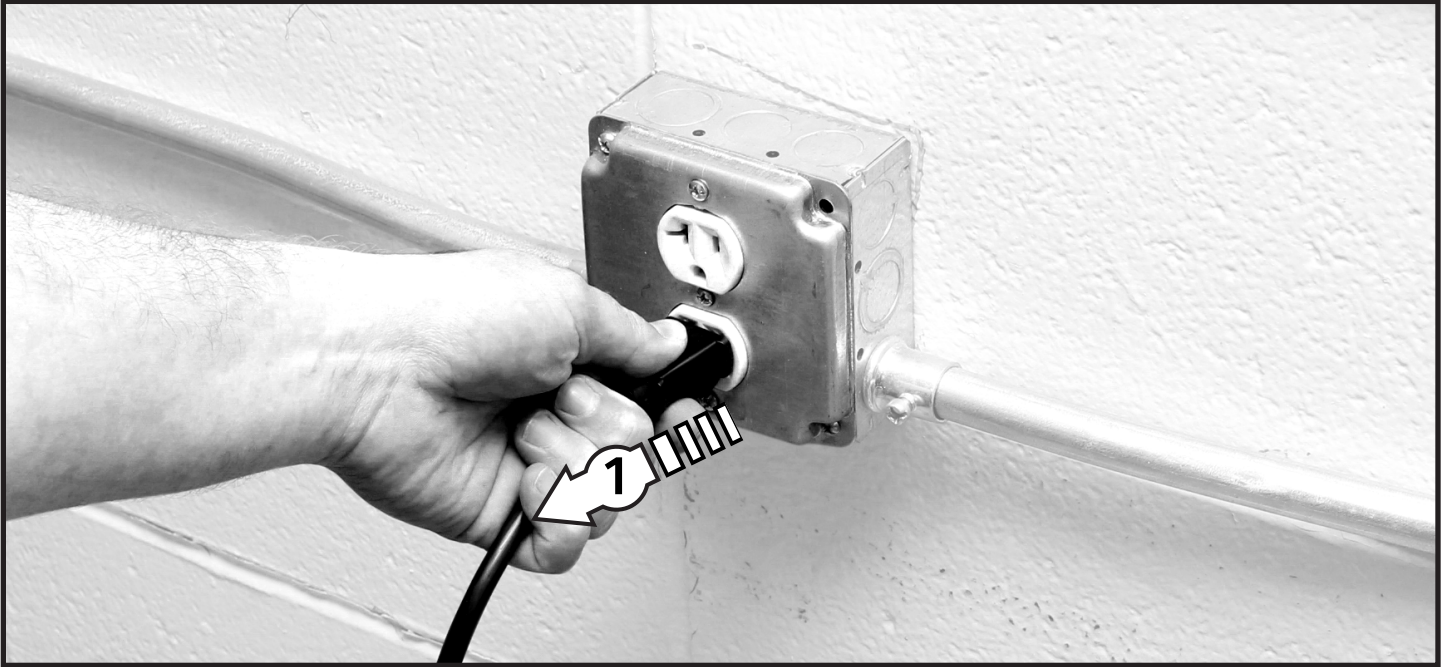


ADJUST SQUEEGEE

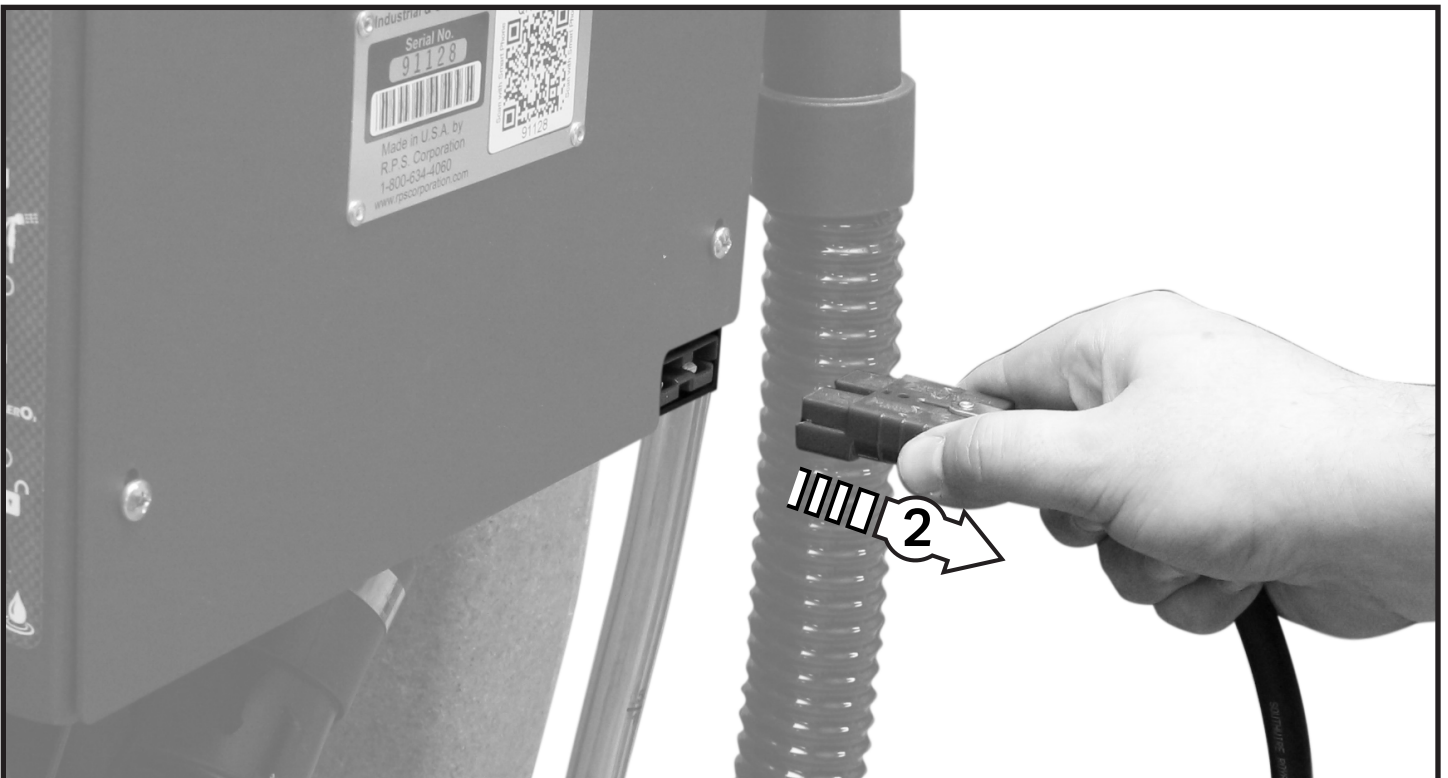




REMOVE FROM BATTERY CHARGER



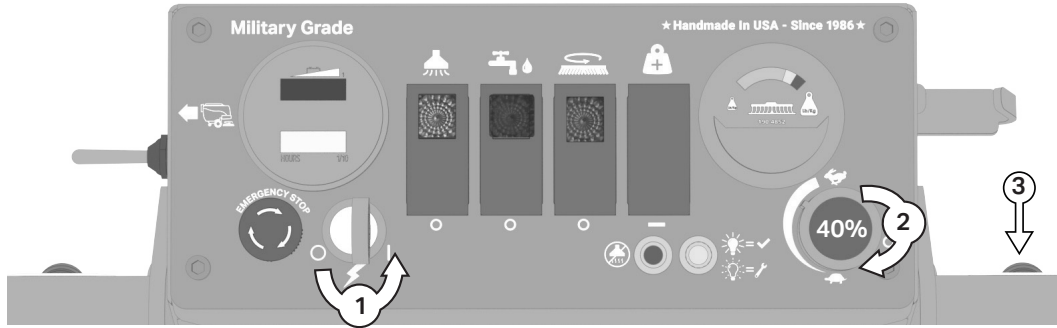
Please refer to OEM Charger Operating Instructions for more information.



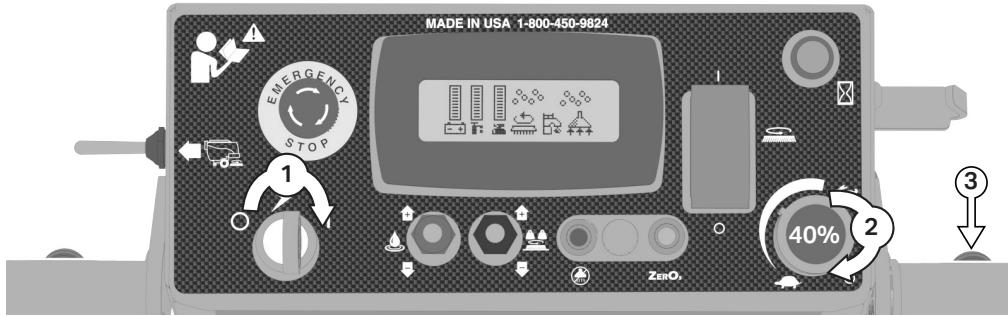
TRANSPORTATION - FORWARD



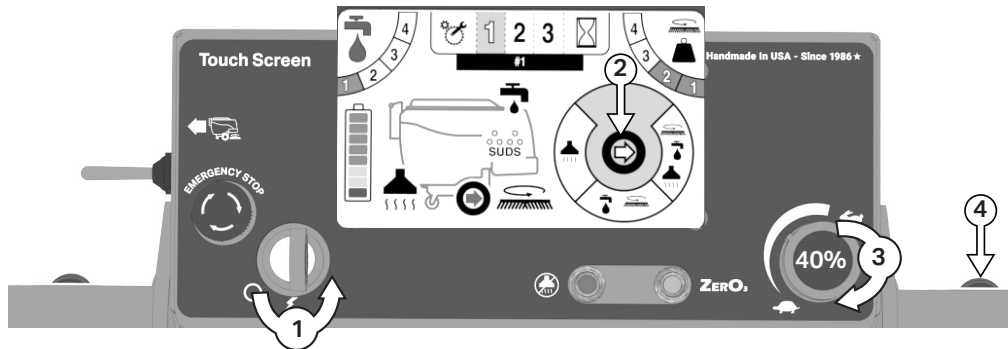
Military Grade



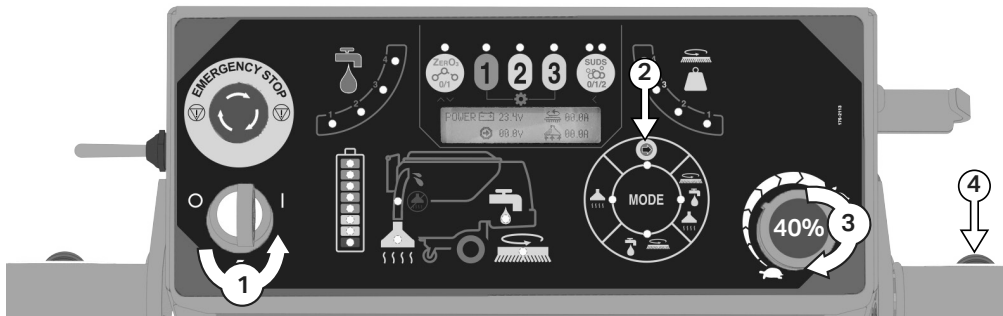
Legacy



Touch Screen



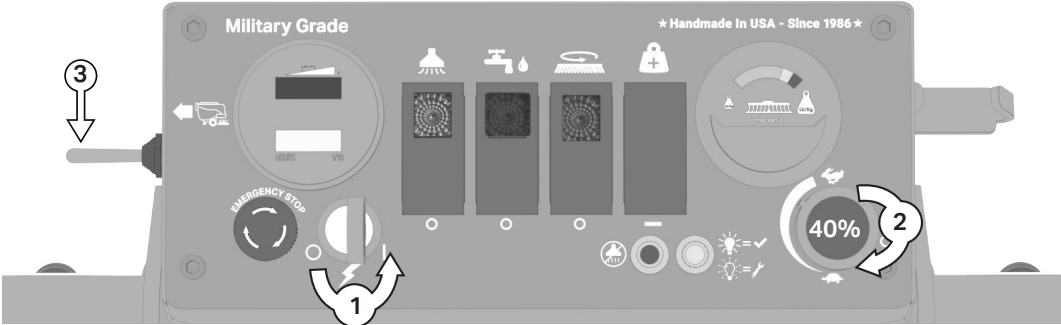
Membrane (Mag-HD)



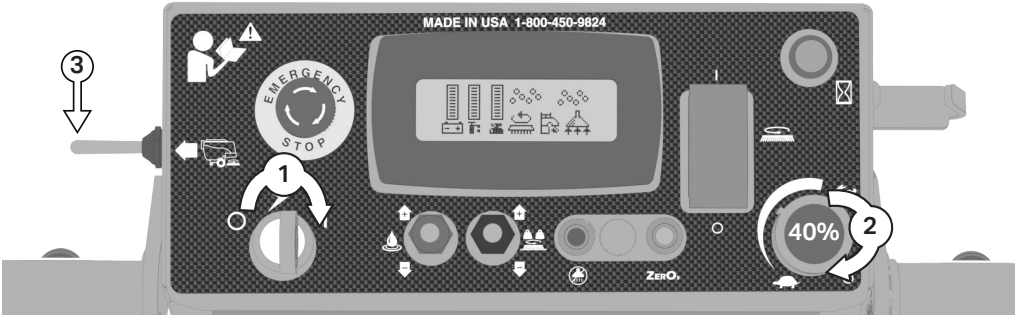


TRANSPORTATION - REVERSE

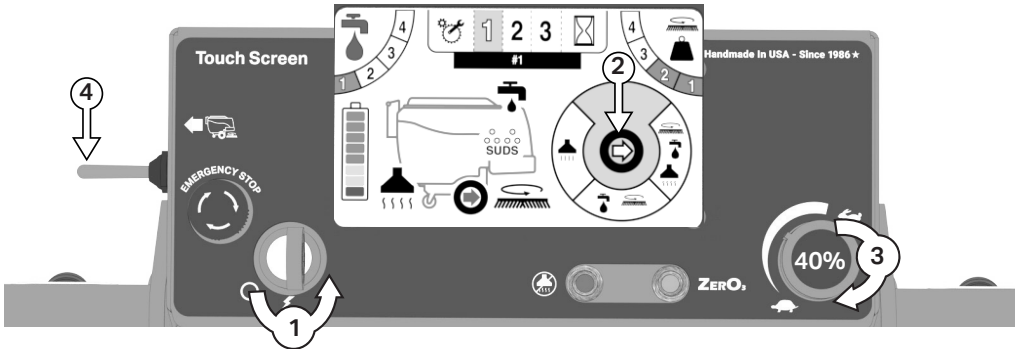
Military Grade



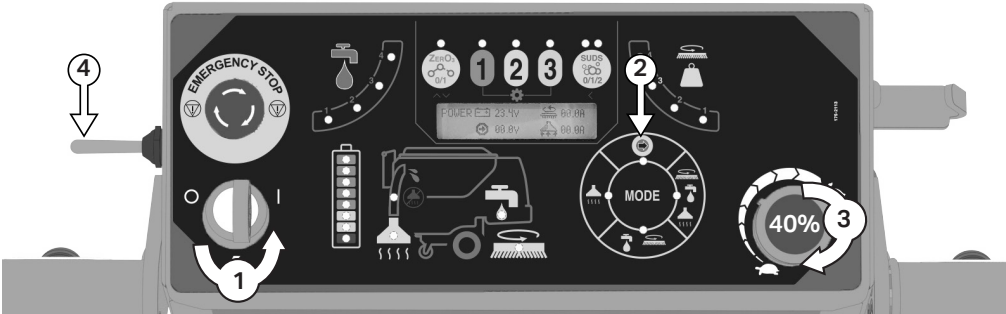
Legacy (MICRO-HD/MINI-HD)



Touch Screen



Membrane (Mag-HD)



FILL SOLUTION TANK



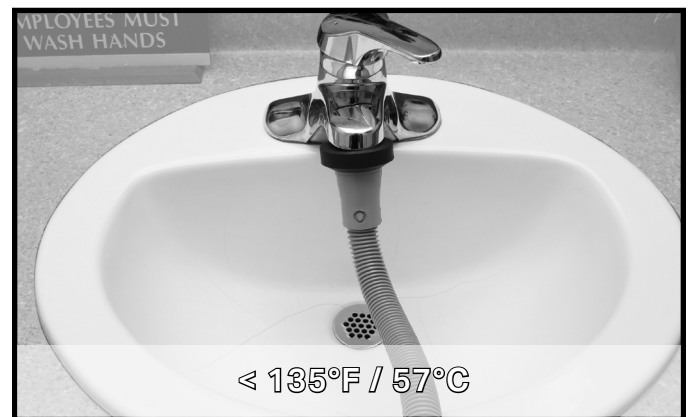
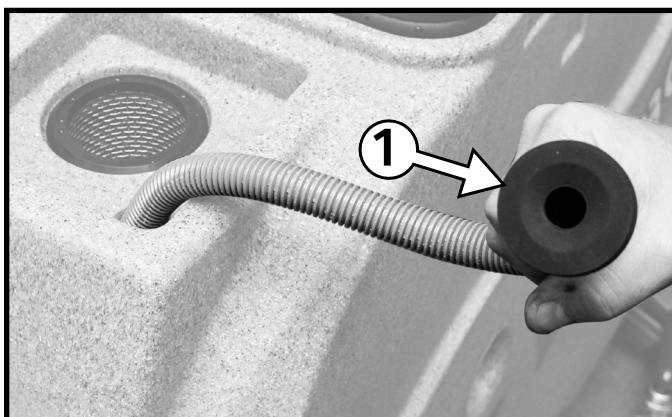
⚠ DANGER

EXPLOSION RISK! Flammable materials can cause an explosion or fire. Do NOT use flammable materials in Tank or pick up.

⚠ CAUTION

TO AVOID DAMAGE TO THIS MACHINE:

- Use APPROVED detergents only
- Water temperature must not exceed 135 °F/57 °C
- Do NOT use high-percentage Bleach mixture





OPERATION - SCRUBBING

