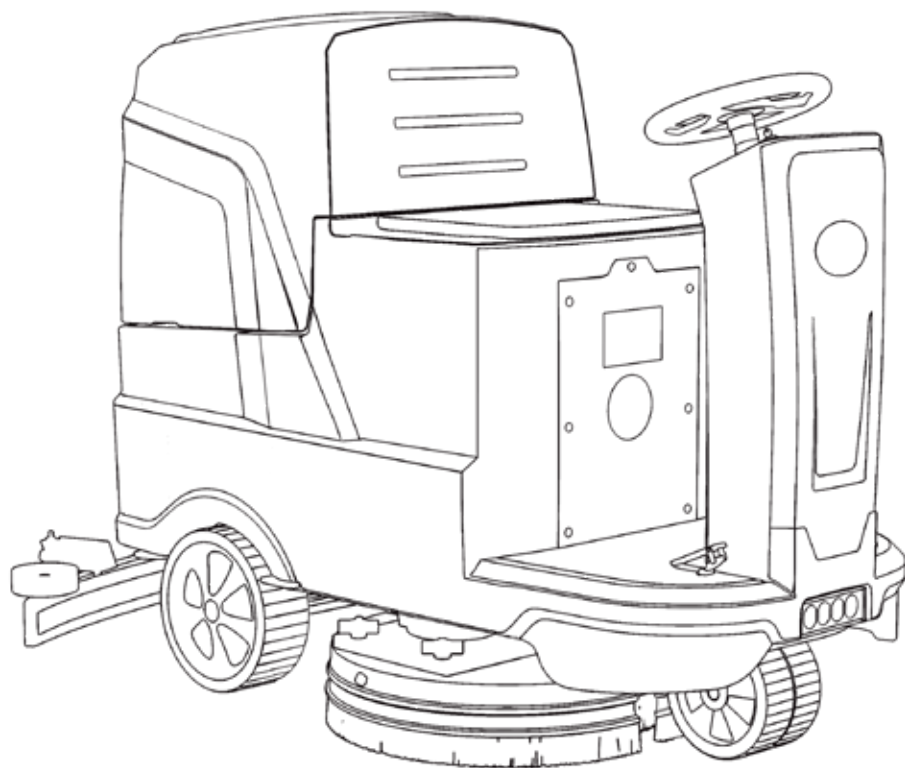


FLOOR SCRUBBER

MODEL: F560



INSTRUCTION MANUAL

► INTRODUCTION

Each new machine is supplied with this Operation Manual, containing complete operating instructions and maintenance procedures.



Before performing any operation or maintenance work, you must read this operation manual in full and familiarize yourself with the equipment.

This equipment delivers exceptional floor maintenance and cleaning performance. To ensure optimal performance at the lowest operating costs, please strictly adhere to the following operating guidelines.

- The equipment must be operated in strict compliance with the operating procedures.
- This equipment must be maintained strictly in accordance with the maintenance instructions.
- This equipment must be maintained using original manufacturer parts or parts of equivalent quality.

PROTECT THE ENVIRONMENT



Please dispose of packaging materials and used components (such as batteries and liquids) in an environmentally friendly manner and comply with local waste disposal regulations.



Please always consider possible recycling.

► INTENDED PURPOSE

The F560 is an industrial/commercial ride-on floor scrubber designed for cleaning flat and hard surfaces (e.g., concrete, tiles, stone, and plastic). Typical application scenarios include educational facilities, hospitals/medical institutions, office complexes, and retail centers.



Do not use this machine on soil, grass, artificial turf, or carpeted surfaces.

The machine is intended for indoor use only and is not suitable for public roads.

Do not use the machine for purposes other than those described in this operating manual.

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► SAFETY PRECAUTIONS

This manual uses the following hazard symbols to alert operators to potential hazards.



WARNING: Hazards or unsafe operations that may result in serious or fatal injury.

CAUTION: This notice covers the operational procedures that must be strictly followed to ensure safe machine operation.

The following information alerts operators to potential hazards. Always remain vigilant to scenarios where these hazards may occur and thoroughly familiarize yourself with the locations of all safety devices on the machinery. Immediately cease operation if any machine damage or operational malfunction is detected.



WARNING

- ① Ensure no electrical sparks or open flames are near the battery, as this poses a risk of explosion or fire.
- ② Flammable liquids may cause explosions or fires.
Never inhale any flammable liquids, flammable gases, solvents, or acidic/alkaline liquids.
- ③ Flammable materials or reactive metals may cause explosions or fires.
Never use this machine to process such substances.
- ④ Operation of the equipment by untrained or unauthorized personnel is strictly prohibited.
The use of this equipment by children or individuals with disabilities is not allowed.
- ⑤ In case of fire, use a dry powder fire extinguisher. Water must not be used under any circumstances.
- ⑥ The machine's operational atmospheric humidity range is 30% to 95% (non-condensing).
- ⑦ Operate strictly within the manufacturer-specified climbing angle limit. When working on slopes with minimal gradients and elevations:
 - Exercise extreme caution during lateral operation.
 - Reverse operation is strictly prohibited.
 - Retract brush disc and water absorption rake assemblies when traversing inclines.
- ⑧ All machine maintenance and repair operations must be performed with the battery terminals disconnected.
- ⑨ Operation in special environments (e.g., pharmaceutical industry, hospitals, chemical plants) must strictly comply with all applicable safety standards and regulations.
- ⑩ Ensure no tools are left above battery terminals to prevent potential short circuits and explosion risks.
- ⑪ The machine's circuits and motors are water-resistant treated, however, the following cleaning specifications must be strictly observed:
 - High-pressure water jet cleaning is strictly prohibited.
 - Cleaning must be performed using low-pressure, non-corrosive water.
- ⑫ The filling funnel must remain installed during water tank refilling operations to prevent foreign object ingress that may damage the pump or clog the hydraulic system.

► MACHINE COMPONENTS



- | | | |
|--|-------------------------------|-------------------------|
| 1. Dirty water tank | 15. Drive wheel | 31. Steel wire rope |
| 2. Clean water tank | 16. Accelerator pedal | 32. Handle |
| 3. Console housing | 17. Flange | 33. Socket |
| 4. Sewage tank lid | 18. Squeegee | 34. Liquid level tube |
| 5. Stainless steel electrical
cover plate | 19. Motor base | 35. Tension spring |
| 6. Drain pipe | 20. Water baffle | 36. Chain |
| 7. Suction hose | 21. Brush | 37. Steering large gear |
| 8. Aluminum step | 22. Nut | 38. Rear axle assembly |
| 9. Cushion | 23. Chassis | 39. Filter |
| 10. Float cage | 24. Squeegee kit holder | 40. Solenoid Valve |
| 11. Steering wheel | 25. Control panel | 41. Valve |
| 12. Submersible pump
motor cover | 26. Basic control board | 42. Steel wire hose |
| 13. Clean water tank Lid | 27. Controller | 43. Brush motor |
| 14. Front wheel | 28. Vacuum motor | 44. Lighting lamp |
| | 29. Steering linkage assembly | |
| | 30. Lift-pull handle | |

GAOGE

► OPERATING CONTROLS

Centralized control panel with intuitive and easy-to-use operations. When operating, please follow these steps: First, lower the scrub brush and suction squeegee; next, turn on the key switch and select the forward direction; finally, rotate to choose the scrub brush + water suction function to initiate operation.

CONTROL PANEL



1 Trumpets

2 Forward and backward

3 LED light

4 Key switch

5 Squeegee and brush disk gear adjustment

► MAIN STRUCTURE

DIRTY WATER TANK

The large-capacity dirty water tank design ensures operational efficiency, while the integrated water float ball device provides enhanced protection for the motor.

Before use, check the following:

1. Whether the dirty water tank lid is securely closed.
2. Whether the cleaning access cover at the bottom of the dirty water tank is properly closed and tightened.
3. Whether there is air leakage in the suction hose.



CLEAN WATER TANK

The water tank features a sandwich-structured design with enlarged and thickened dimensions. Its hollow inner wall allows clean water to be filled, saving space and enhancing equipment efficiency.

SQUEEGEE

The cast aluminum water absorption squeegee is robust and durable, while the natural rubber strip offers wear-resistant longevity. During machine operation, the scraping rubber of the suction squeegee maintains a slight rearward tilt at a specific angle relative to the ground surface. The enlarged and widened design doubles the cleaning efficiency.

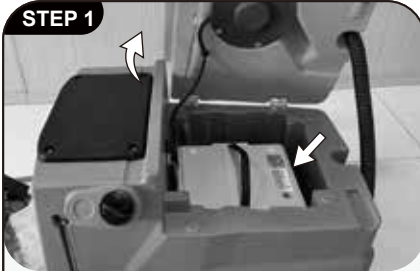


BRUSH

The widened brush plate design significantly enhances cleaning efficiency. Weekly inspection of the floor scrubber's brush height is required. Should brush bristles exhibit wear or distortion, reassembly of the brush head is recommended to prevent motor overload and excessive vibration caused by inconsistent bristle inclination angles.

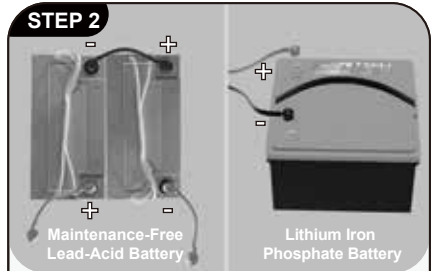
► INSTALLATION AND OPERATION

STEP 1



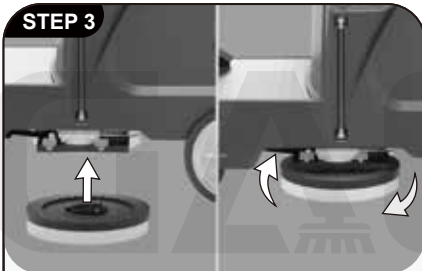
Open the dirty water tank cover and put in the battery.

STEP 2



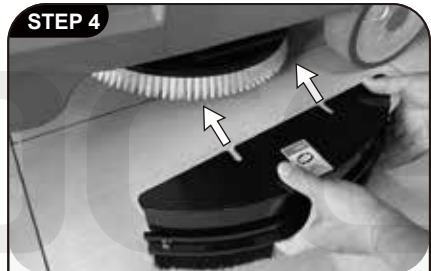
Connect the battery's positive and negative terminals with wires as shown in the picture, and then connect them to the device.

STEP 3



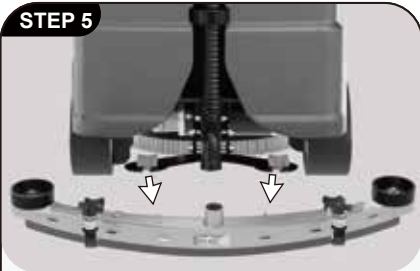
Align the brush plate with the upper flange, rotate it clockwise until the brush plate locks into place with the flange, and the installation is then complete.

STEP 4



Align the grooves of the water shield with the two nuts on the brush plate, secure them in place, then tighten the nuts to complete the water shield installation.

STEP 5



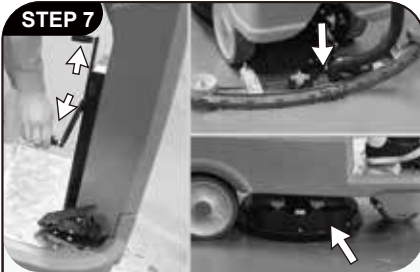
Install the squeegee assembly and tighten the knob securely. Connect the vacuum hose to the squeegee assembly, inspect the rubber blade, and make necessary adjustments.

STEP 6



Open the water filler lid, align the hose with the water filler port, and fill the tank.

Note: If cleaning agent is added, an antifoaming agent must be simultaneously added to the dirty water tank to prevent motor damage.

STEP 7

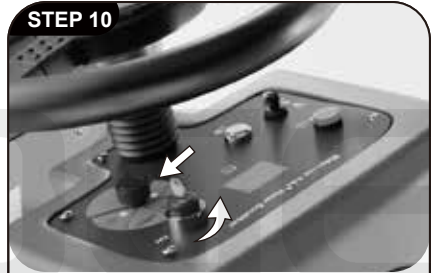
Lower both the brush plate handle and suction squeegee handle simultaneously.

STEP 8

Turn the ignition key switch to ON, select forward direction, then rotate the gear selector to engage brush and squeegee positions.

STEP 9

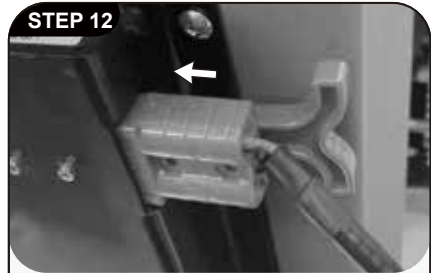
Step on the accelerator pedal to begin efficient operation.

STEP 10

After cleaning completion, turn the ignition key to OFF, then rotate the gear selector to disengage squeegee and brush assemblies.

STEP 11

When the dirty water reaches full capacity, immediately disconnect the wastewater hose to drain the sewage.

STEP 12

Recharge promptly after machine operation if insufficient charge remains!

► OPERATIONAL PRECAUTIONS

PRE-OPERATION CHECK

- Remove dust from the floor.
- Verify the charge level indicators on the battery gauge. (refer to the battery gauge)
- Inspect wear condition of brushes/cleaning pads.
- Check the wear of the squeegee rubber blade and adjust the angle appropriately.
- Check the wear on the brush head skirt.
- Ensure the wastewater tank is empty and that a clean floating filter ball cage has been installed.

NOTE: Before starting the machine, ensure all safety devices are properly positioned and functioning correctly.

DURING MACHINE OPERATION

- Ensure a 5 cm overlap between adjacent cleaning paths.
- Maintain continuous machine travel to prevent floor damage.
- If streaking occurs after using the squeegee, clean the rubber blade with a lint-free cloth to remove debris. Pre-sweep surfaces to eliminate potential contaminants that cause streaks.
- Do not operate the machine on slopes exceeding a 5% (3°) incline.
- When using detergent for cleaning, add defoamer solution to the wastewater tank to suppress foam formation.



WARNING: Prevent foam ingress into the filter assembly to avoid suction motor damage. Foam accumulation may disable the safety switch mechanism.

- When cleaning heavily soiled areas, first raise the squeegee to begin cleaning and allow the solution to soak for 3-5 minutes. Then lower the squeegee and repeat the cleaning process.
- Replace the scouring pad as needed based on the cleaning scenario.
- Monitor the battery power consumption (refer to the battery gauge).
- Check the remaining liquid level through the clean water tank level gauge. The traditional floor cleaning method consumes approximately 10 liters every 10 minutes.
- When the solution in the clean water tank is depleted, empty the waste water tank first before refilling with fresh solution.
- When the operator leaves the machine, park it on level ground and remove the key.
- After cleaning is completed, perform the daily maintenance procedures.

NOTE: It is recommended to use a cleaning speed of 45-60 meters per minute.

► BRUSHES AND SCOURING PADS

To ensure optimal performance, always use the correct brush type for cleaning tasks. Recommendations for using brushes and scouring pads are as follows:

White soft nylon brush

Recommended for cleaning coated floors without damaging the surface.

White polishing pad

Recommended for maintaining high-gloss or polished floors.

Red buffer pad

Recommended for gently scrubbing away light dirt without damaging the floor.

Black gravity scrub pad

Recommended for aggressively removing heavy coatings or substrates, or for ultra-intensive cleaning.

INSTALL BRUSH AND SCRUB PAD

1. Park the machine on level ground and remove the key.
2. First place the scrub pad on the needle adapter, then install the drive plate. Secure the scrub pad by tightening the central lock.
3. Align the needle adapter/brush mounting stud with the motor drive plate latch, then press the brush motor switch.
4. To remove the needle adapter and brush, step on the brush head lifting pedal to raise the brush head off the ground, then press the brush motor switch.
5. Step on the brush head lifting pedal to raise the brush head off the ground.

NOTE: For instructions on using brushes and scrub pads, refer to the usage recommendations for brushes and scrub pads provided above.

► DRAIN THE WATER TANK

Drain and clean the dirty water tank after each use.
Regularly clean the clean water tank to remove any corrosion.

Move the machine to the drainage area, turn off the power key, and drain the water according to the following instructions:

1. Rotate the drain pipe cap of the dirty water tank counterclockwise and remove it.
2. Open the dirty water tank cover and rinse the tank.
3. Remove and rinse the floating filter screen located inside the dirty water tank.

NOTE: For safety reasons, before leaving the machine to drain, please ensure that the machine is parked on level ground, turned off, and the key is removed.

► BATTERY INSTALLATION



WARNING: When installing the battery, ensure the machine key is in the OFF position and remove the key to prevent electric shock hazards!

FOR SAFETY REASONS: Wear protective gloves and eye protection when servicing the machine or handling the battery and battery terminals. Avoid contact with battery acid.

- Park the machine on level ground, shut down the machine, and remove the key.
- Lift the wastewater tank and place it into the battery compartment. Before connecting the battery, ensure that the electrodes and terminals are clean. Use an electrode cleaning wave and a soft brush as needed.

NOTE: Do not drop the battery into the battery compartment, as this may cause damage to both the battery and the machine.

- Connect the cables correctly according to the battery electrodes.

NOTE: Apply a thin layer of non-metallic grease or protective spray to the connected terminals to prevent battery corrosion.

- After the battery is securely installed, check the charge level on the battery indicator. Recharge the battery as needed.

► BATTERY CHARGING



WARNING

To extend the battery life and ensure the machine's optimal performance, the battery must be charged only after the machine has been used for at least 30 minutes. Do not leave the battery in an uncharged state for extended periods. The following charging instructions apply to the charger provided with this machine.

NOTE: The battery's lifespan is limited by the number of charging cycles. To avoid permanent damage, ensure the battery is never fully discharged. Charge immediately when the battery indicator shows two bars remaining!

Battery voltage range: 21 V to 28 V, low voltage protection: 18 V, high voltage protection: 35.0 V. When the walking motor is operating, if the battery voltage falls below the low voltage protection threshold (18V) or exceeds the high voltage protection threshold (35.0V), it will cease operation.

CHARGE THE BATTERY USING AN EXTERNAL CHARGER

IMPORTANT NOTE: Before charging, ensure the charger settings match the battery type.

1. Move the machine to a well-ventilated area.
2. Place the machine on a flat, dry surface and turn it off.
3. Before charging, check the electrolyte level in each cell of the battery.

FOR SAFETY REASONS: When servicing the machine, wear protective gloves and eye protection when handling the battery and battery terminals. Avoid contact with battery acid.

4. When charging, open the side of the wastewater tank to ensure ventilation. (As shown in the figure)



WARNING: The battery releases hydrogen gas, which poses a risk of explosion or fire. Keep away from electrical sparks or open flames near the battery. Keep the battery compartment open during charging.

5. Plug the charger into the machine's charging port.
6. Plug the battery charger into the power outlet.
7. The charger will automatically shut off after the battery is fully charged.



NOTE: The machine cannot be operated when connected to the charger.

WARNING: Do not disconnect the charger's DC cable from the machine's charging port while the charger is operating, as this may cause an arc discharge. If it is necessary to disconnect the charger during charging, first unplug the power cord from the outlet.

8. After charging is complete, check the electrolyte level again.



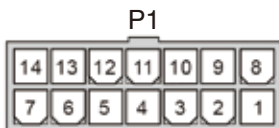
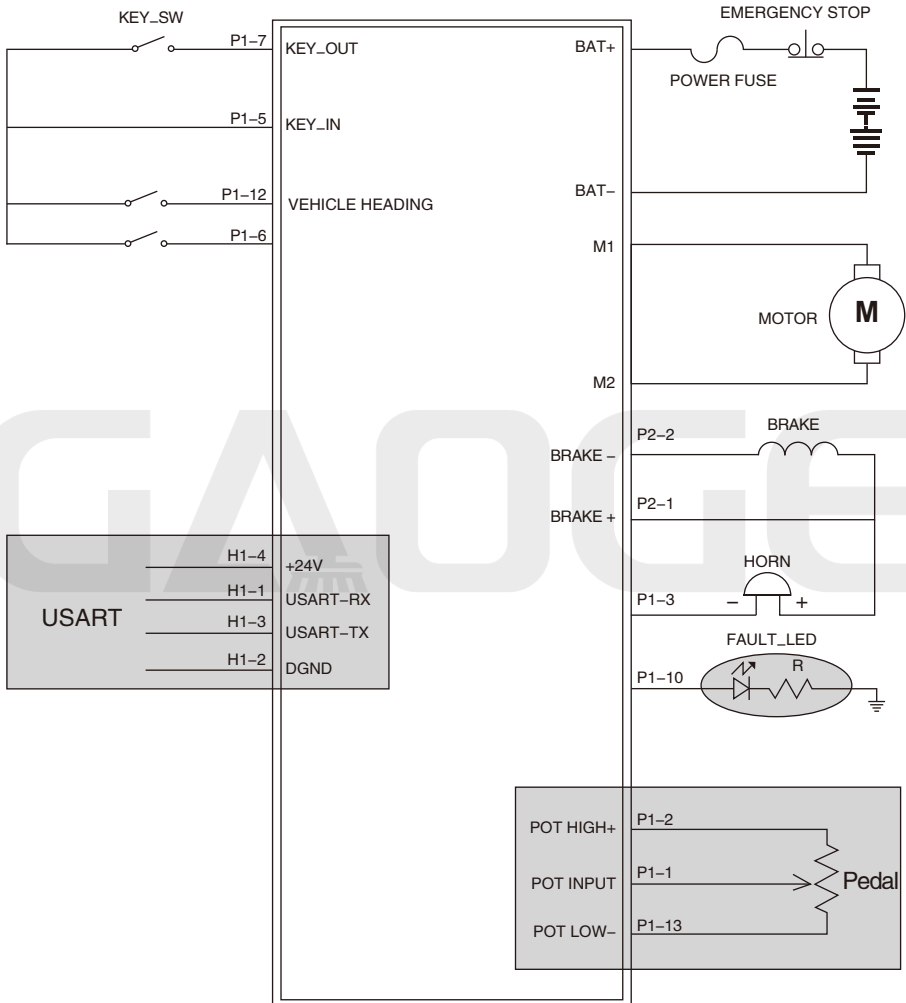
WARNING

Please select the appropriate charger based on the battery type. Before charging, ensure that the charger settings match the battery type.

This device must be charged using the original manufacturer's charger or a charger with equivalent quality specifications.

►CIRCUIT DIAGRAM

ELECTRICAL SCHEMATIC—F560



► TROUBLESHOOTING GUIDE

When a fault is detected in the drive system, operation should be halted. Please refer to the table below to determine the cause of the fault.

FAULT CODE	LED BLINKING	FAULT DESCRIPTION	DIAGNOSIS
E[33]	3 Slow, 3 Fast	Precharge fault 1.	1.Brake output short to ground. 2.Controller traction motor mosfet damaged or brake control mosfet damaged. Troubleshooting: Disconnect the brake from the controller.If the fault disappears, check for brake short circuit to ground.If the fault persists, an internal controller failure is indicated.
E[15]	1 Slow, 5 Fast	PVDD1 overvoltage fault.	PVDD1 voltage exceeds 34V.
E[14]	1 Slow, 4 Fast	PVDD1 under-voltage fault.	PVDD1 voltage drops below 12V.
E[13]	1 Slow, 3 Fast	Ignition switch undervoltage fault.	P1-5 voltage below 12V.
E[14]	1 Slow, 4 Fast	Battery undervoltage fault.	Battery voltage below 12V.
E[15]	1 Slow, 5 Fast	Battery overvoltage fault.	Battery voltage above 34V.
E[14]	1 Slow, 4 Fast	Critically low battery voltage fault.	Battery voltage below 12V .
E[15]	1 Slow, 5 Fast	Critically high battery voltage fault.	Battery voltage exceeds 36V.
E[21]	2 Slow, 1 Fast	Relay K1 connection fault.	Traction motor short circuit OR electromagnetic brake short to ground.
E[51]	5 Slow, 1 Fast	Traction motor phase A NTC fault.	Controller internal failure.
E[52]	5 Slow, 2 Fast	Traction motor phase B NTC fault.	Controller internal failure.
E[53]	5 Slow, 3 Fast	Phase A control over-temperature fault.	Drive circuit temperature above 75°C.
E[11]	1 Slow, 1 Fast	Phase A control critically high temperature fault.	Drive circuit critical temperature exceeds 85°C.
	3 Slow, 6 Fast	Phase B control over-temperature fault.	Drive circuit temperature above 75°C.
	3 Slow, 7 Fast	Phase B control critically high temperature fault.	Drive circuit critical temperature exceeds 85°C.
E[42]	4 Slow, 2 Fast	Phase A mosfet gate overvoltage fault.	Phase A voltage high fault.Disconnect traction motor wiring from controller.Power cycle the controller. If fault persists: Internal controller failure confirmed. If fault clears: Check for short circuit between motor wiring and battery positive.

FAULT CODE	LED BLINKING	FAULT DESCRIPTION	DIAGNOSIS
E[42]	4 Slow, 3 Fast	Phase A mosfet gate undervoltage fault.	Phase A voltage low fault.Disconnect traction motor wiring from controller. Perform controller power cycle.If fault persists: Confirmed internal controller failure.If fault clears: Check for motor wiring short circuit to battery positive.
E[42]	4 Slow, 2 Fast	Phase B mosfet gate overvoltage fault.	Phase B voltage high fault.Disconnect traction motor wiring from controller.Perform controller power cycle.If fault persists: Internal controller failure confirmed.If fault clears: Check for short circuit between motor wiring and battery positive terminal.
E[42]	4 Slow, 2 Fast	Phase B mosfet gate undervoltage fault.	Phase B voltage low fault.Disconnect traction motor wiring from controller.Perform controller power cycle.If fault persists: Internal controller failure confirmed.If fault clears: Check for short circuit between motor wiring and battery positive terminal.
E[44]	4 Slow, 4 Fast	Traction motor open circuit fault.	Troubleshooting: 1.Check for an open circuit in the travel motor. Disconnect the travel motor from the controller and test for continuity between the two motor wires. 2.Verify the wiring connections. Ensure the travel motor and controller are properly connected.
E[41]	4 Slow, 1 Fast	Travel motor MOS-A short circuit fault.	For a travel motor short circuit, restart and check if the fault persists. If the fault occurs during every operation, inspect the motor for damage or check for a short circuit to external components.
E[54]	5 Slow, 4 Fast	Travel motor MOS-B short circuit fault.	For a travel motor short circuit, restart and check if the fault persists. If the fault occurs during every operation, inspect the motor for damage or check for a short circuit to external components.
	6 Slow, 6 Fast	Travel motor overload fault.	/
E[55]	5 Slow, 5 Fast	Output point 1 open circuit fault.	Output point 1 speaker not properly connected. Troubleshooting: Remove the speaker and test for continuity to check if it is open. Inspect the wiring for correct connections and ensure there are no breaks or interruptions in the lines.
E[56]	5 Slow, 6 Fast	Short Circuit Fault at Output Point 1	Output Point 1: The speaker connection has a short circuit. Troubleshooting: 1.Check if there is a short circuit between the two speaker wires (resistance will be very low). 2.Check if the speaker is shorted to B- or B+.

FAULT CODE	LED BLINKING	FAULT DESCRIPTION	DIAGNOSIS
E[61]	6 Slow, 1 Fast	Output point 2: open circuit fault.	Output Point 2: Fault indicator not connected properly. Troubleshooting: 1.Remove the fault indicator and test for open circuit. 2.Inspect wiring connections for accuracy and check for interrupted/broken wires.
E[62]	6 Slow, 2 Fast	Output point 2: short circuit fault.	Output Point 2: Fault indicator connection has a short circuit. Troubleshooting: 1.Check if there is a short circuit between the two wires of the fault indicator (resistance will be very low). 2.Inspect whether the fault indicator is shorted to B- or B+.
E[63]	6 Slow, 3 Fast	Output point 3: open circuit fault.	Unused
E[64]	6 Slow, 4 Fast	Output point 3: short circuit fault.	Unused
E[32]	3 Slow, 2 Fast	Output point 4: open circuit fault.	Output Point 4: Electromagnetic brake not connected properly. Troubleshooting: 1.Remove the electromagnetic brake and test for open circuit. 2.Inspect wiring connections for accuracy and check for interrupted/broken wires.
E[34]	3 Slow, 4 Fast	Output point 4: short circuit fault.	Output Point 4: Solenoid connection has a short circuit. Troubleshooting: 1.Check for short circuit between the two wires of the solenoid (low resistance) 2.Inspect whether the solenoid is shorted to B- or B+
E[66]	6 Slow, 6 Fast	CAN: disconnection fault.	/
E[71]	7 Slow, 1 Fast	UART: disconnection fault.	/
E[12]	1 Slow, 2 Fast	Throttle: connection fault.	Check whether the throttle input voltage falls within the input voltage range (specified in the controller configuration).
E[13]	1 Slow, 3 Fast	Throttle speed limiter: connection fault.	Check whether the input voltage for both the throttle and speed limiter falls within the input voltage range specified in the controller configuration.
E[35]	3 Slow, 5 Fast	High pedal inhibit fault.	High Pedal Inhibit: When the vehicle enters an operational state immediately upon startup (with throttle pressed), check the gear position and throttle input; verify that the throttle input voltage falls within the controller-configured input voltage range.

FAULT CODE	LED BLINKING	FAULT DESCRIPTION	DIAGNOSIS
E[72]	7 Slow, 2 Fast	System time storage fault.	Controller internal fault.
E[72]	7 Slow, 2 Fast	Parameter storage fault.	Controller internal fault.
E[74]	7 Slow, 4 Fast	System information storage fault.	Controller internal fault.
E[75]	7 Slow, 5 Fast	PFC file storage fault.	Controller internal fault.
E[76]	7 Slow, 6 Fast	Program file fault.	Controller internal fault.
E[45]	4 Slow, 5 Fast	Emergency stop fault.	Controller internal fault.
E[78]	7 Slow, 8 Fast	Reverse lockout function.	Controller internal fault.
E[31]	3 Slow, 1 Fast	HPD 10S lockout.	/

GAOGE

► MACHINE MAINTENANCE

Please strictly adhere to the daily, weekly, and monthly maintenance procedures to ensure the machine remains in optimal working condition!



Warning: Electric shock hazard. Disconnect the battery terminals before servicing the machine.

DAILY MAINTENANCE (AFTER EACH USE)

1. Drain and clean the dirty water tank.
2. Remove and rinse the floating filter screen inside the dirty water tank.
3. Drain the clean water tank, and rinse the tank with hot water not exceeding 60°C if necessary.
4. Remove the cleaning pad/brush for cleaning. If worn, flip or replace the cleaning pad.
5. Wipe the squeegee blade. Store the squeegee assembly in the raised position to prevent blade damage.
6. Check the wear on the scraper edge of the squeegee blade. If worn, swap the blade ends.
7. Wipe the machine with a multi-purpose cleaner and a damp cloth.

NOTE: For safety purposes, do not use high-pressure spray or flush the machine with a water hose during cleaning to avoid causing malfunctions in electronic components.

8. Check the wear condition of the brush head skirt. Replace immediately if worn or damaged.
9. Charge the battery only after the machine has been used for more than 30 minutes each time, to prolong the battery's service life and ensure optimal machine performance.

MONTHLY MAINTENANCE (EVERY 80 HOURS OF USE)

1. Remove and clean the clean water tank filter from beneath the machine.
Ensure the clean water tank is emptied before removing the filter.
2. Clean the battery terminals to prevent corrosion (refer to "Battery Maintenance").
3. Check the battery terminals for looseness.
4. Inspect and clean the seal on the dirty water tank lid. Replace if damaged.
5. Spray silicone-based dry lubricant on all pivots and rollers, then apply a layer of water-resistant lubricating oil to maintain smooth axle operation.
6. Check all nuts and bolts on the machine for tightness.
7. Inspect the machine for leaks.

QUARTERLY MAINTENANCE

1. Every 250 hours: Inspect the carbon brush wear on the drive motor (drive-type models), vacuum motor, and brush motor.
2. Replace carbon brushes when their length is worn down to within 10 mm. If the machine requires servicing, contact an authorized service center.

► MACHINE PARAMETERS

MODEL	F560	COMMENTS
Working width	530mm	
Squeegee width	830mm	
Working capacity	2915m ² /h	
Brush diameter	505mm	
Brush motor	24V/500W	
Motor speed	180rpm	
Vacuum motor	24V/500W	
Motor pressure	145mbar	
Clean/Dirty water tank	85L/85L	
Batteries	12V/100Ah*2	
Noise level	≤68dB(A)	
Net/Gross weight	195/270kg	
Brush pressure	25kg/cm ²	
Max gradient	16%	
Drive motor	24V/500W	
Machine size(L*W*H)	1370*660*1085mm	



FLOOR SCRUBBER INSTRUCTION MANUAL

Zhangjiagang Gaoge Cleaning Equipment Co. , Ltd.

📍 www.gaogecleaning.com

📍 Houcheng Tanshang Industrial Park , zhangjiagang , Jiangsu , China