

TOMAHAWK

eTOS30
BATTERY POWER SWEEPER

Operations Manual



SCAN FOR ASSEMBLY GUIDE



HOW TO VIDEOS, MANUALS,
GUIDES, & MORE



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Register Your Equipment

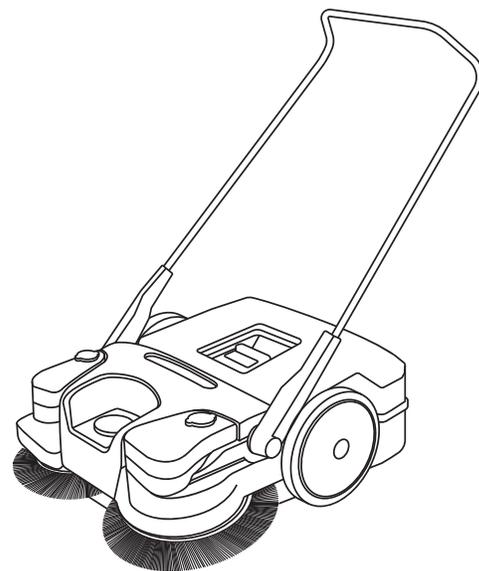
Thank you for purchasing TOMAHAWK® equipment! Your product is covered by the TOMAHAWK® Warranty policy, but in order to activate your warranty, we need you to register your product. In addition to activating your equipment warranty, product registration will grant you access to important product updates, streamlined customer service and more.

INCLUDED WITH YOUR REGISTRATION

- ✓ Equipment Warranty Activation
- ✓ Product Updates
- ✓ Streamlined Customer Service
- ✓ Exclusive Discounts and Sales

STEPS TO REGISTER YOUR EQUIPMENT

1. Visit www.tomahawk-power.com
2. Choose “Product Registration” at the bottom of the page
3. Enter your equipment’s serial number to get started
4. Provide all required information
5. Submit Registration



Equipment Resources

TOMAHAWK® Customer Service doesn’t stop at checkout. We understand to keep a job-site running smoothly - the proper equipment, spare parts, instruction manuals, and more are needed at the drop of a hat. Visit www.tomahawk-power.com to gain access to the incredible resources below.

How To Video Library

More of a visual person? Visit our Video Library for equipment assembly instructions, troubleshooting tips, and more!

Found at the TOMAHAWK® Resource Center

Manual and Assembly Guide Library

Visit our Manual Library if you are looking for a lost operations manual or a particular spare part?

Found on the TOMAHAWK® Manuals Page

Service Requests

In need of a quick fix or a service center referral? Submit a Service Request and a TOMAHAWK® Technician will respond shortly to get you the help you need.

Choose “Service Request” at the bottom of www.tomahawk-power.com



This manual provides information and procedures to safely operate and maintain this model. For your own safety and protection from injury, carefully read, understand and observe the safety instructions described in this manual.

Keep this manual or a copy of it with the machine. If you lose this manual or need an additional copy, please contact TOMAHAWK® or visit www.tomahawk-power.com This machine is built with user safety in mind; however, it can present hazards if improperly operated and serviced. Follow operating instructions carefully. If you have questions about operating or servicing this equipment, please contact TOMAHAWK®.

The information contained in this manual is based on machines in production at the time of publication. TOMAHAWK® reserves the right to change any portion of this information without notice.

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1. SAFETY INFORMATION

This manual contains DANGER, WARNING, CAUTION, and NOTE callouts which must be followed to reduce the possibility of personal injury, damage to the equipment, or improper service.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

1.1 Operating Safety

1.1.1 Observe all applicable local safety regulations, standards, and ordinances.

1.1.2 Individuals who operate the sweeper must be informed about the dangers related to use of the machine.

1.1.3 Do not operate the sweeper if you are under the influence of any substance (drugs, alcohol) which might impair vision, dexterity, or judgment.

1.1.4 Keep bystanders, especially children, and animals away from the work area.

1.1.5 The user is responsible for avoiding injury to third parties or damage to their property.

1.1.6 Do not lend or rent your power tool without the instruction manual. Be sure that anyone using it understands the information contained in this manual.

1.1.7 If you have any condition that might be aggravated by strenuous work, check with your doctor before operating a power tool.

1.2 Usage

1.2.1 The sweeper is designed for sweeping road dust, leaves, grass, paper, and similar items from flat and hard surfaces.

1.2.2 Do not sweep substances that are dangerous to health. The power tool is not suitable for sweeping liquids.

1.2.3 Never sweep explosive dusts, liquids, acids, or solvents.

1.2.4 Do not operate the power tool in potentially explosive atmospheres.

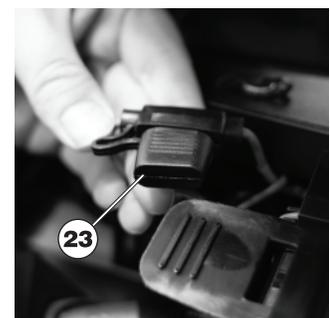
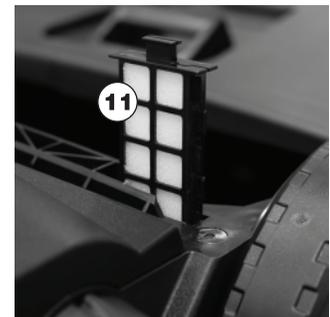
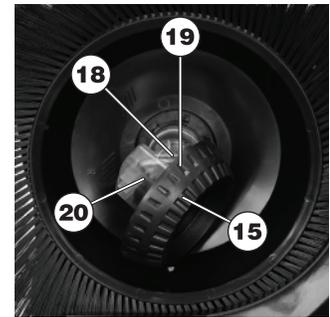
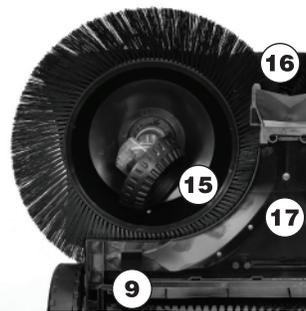
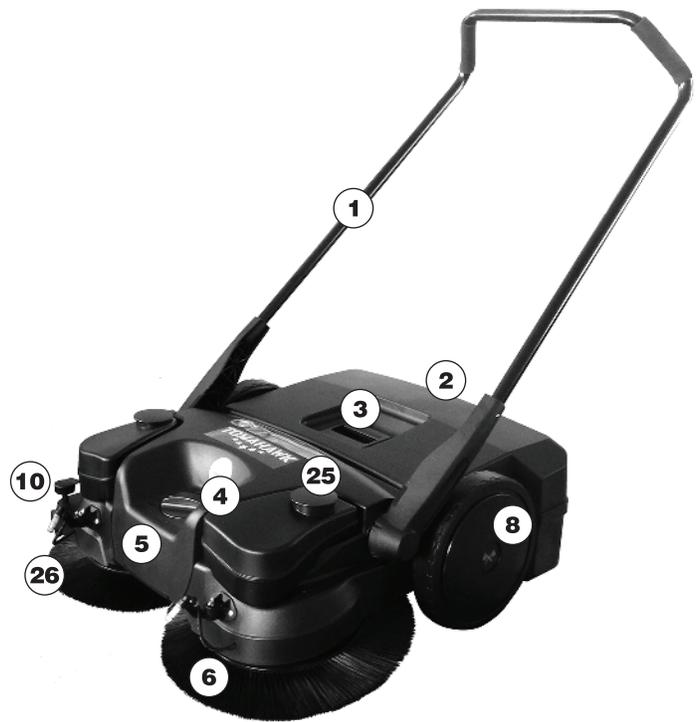
1.2.5 Do not use the power tool as a means of transport.

1.2.6 Wear sturdy shoes with non-slip soles

2. EQUIPMENT DATA

2.1 Features

1. Push Handle
2. Waste Bin
3. Waste Bin Handle
4. Disc Brush Height Adjustment
5. Carrying Handle
6. Disc Brush
7. Side Guide Roller
8. Running Wheel
9. Fine Dirt Sweeping Roller
10. Holding-Down Device
11. Dust Filter
12. On/Off Switch
13. LED Indicators
14. Battery
15. Angled Wheel
16. Sweeping Lip
17. Sweeping Plate
18. Clutch
19. Toothed Sleeve
20. Gear Protection
21. Water Pump Switch
22. Water Pump
23. Fuse
24. Charger Socket
25. Battery Indicator
26. Spray Nozzle



3. SPECIFICATIONS

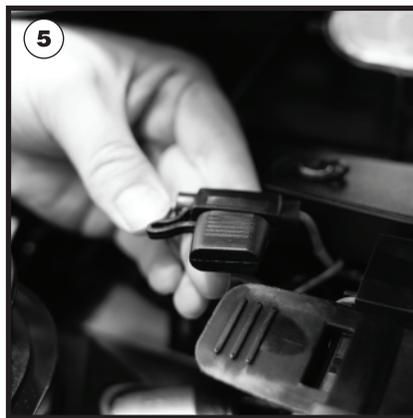
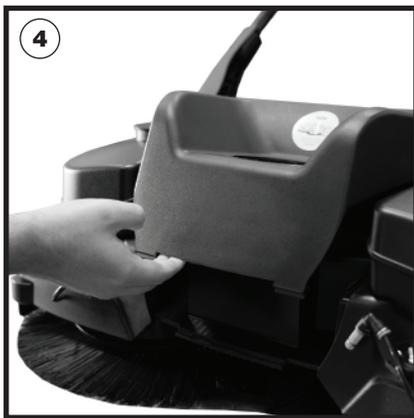
eTOS30 SPECIFICATIONS	
Working Width	30.7 in.
Cleaning Area	12,467 ft
Container Capacity	13.5 gallons
Net Weight	43 lb.
Gross Weight	48.5 lb.
Package Size	42.7 x 31.3 x 41.1 in
Overall Dimensions	31.8 x 11.8 x 32.7 in.
Water Tank Container	87 oz
Battery Rated Voltage	12v
Battery Capacity	384 Wh
Battery Running Time When Fully Charged	5 hours
Battery Temperature	14F - 122F
Charging Temperature	32F - 104F
Storage Temperature	14F - 104F
Charger Input Voltage	100-240v
Charger Output Voltage	12.6v
Charging Current	8 watt/volt
Roller Brush	12V 40W
Side Brush	12V 30W
Water Pump Power	30W
Nozzle Aperture	0.01 in.
Spraying Time	1 hour

4. SWEEPER ASSEMBLY

1. Turn handle fittings (1) so that they are positioned vertically upwards.
2. Press locking springs (3) on push handle (2).
3. Push the push handle (2) simultaneously into the two handle fittings (1).
4. Press the push handle into the handle fittings until the locking springs engage.



5. Pull cover forwards at the front bottom edge (4).
6. Lift cover up by unclipping the two latches underneath (4).
7. Plug the fuse into the negative terminal found in the bag (5-6).
Red= Positive Terminal (+)
Blue= Negative Terminal (-)



8. Close cover (4).

5. CHARGING THE BATTERY



Do not insert any electrically conductive objects in the charging socket or the sweeper may be damaged by a short circuit. Disconnect the cable at the battery before carrying out maintenance and cleaning work.



A short circuit in the charging socket can lead to a cable fire in the sweeper.



The charger has a fully electronic voltage and current limitation function. This ensures that a connected battery is always kept at the optimum state of charge. This prevents overcharging of the battery.
The battery is not fully charged on delivery.
Do not switch on the sweeper during charging.

5.1 How to Charge

5.1.1 Plug the charger plug into the charging socket on the sweeper

5.1.2 Plug the charger into a 100~240V power outlet

5.2 While Charging

5.2.1 The LED indicator on the charger lights up red during charging

5.2.2 The charging of the sweeper takes approximately 6~7 hours

5.2.3 LED indicator on the charger lights up green when finished charging

5.2.4 Sweeper will not operate when charging.

5.3 Overload Protection

5.3.1 The motors are equipped with overload protection to prevent damage

5.3.2 The sweeper switches off automatically in the event of overloading

6. MAINTENANCE

The machine must be serviced regularly. Do not attempt any maintenance or repair work not described in the Instruction Manual. All other work should be carried out by a servicing dealer.

6.1 Checking the Machine Prior to Use

6.1.1 Check to ensure that the push handle is securely attached to the sweeper.

6.1.2 Check condition of waste bin and ensure that it is securely attached.

6.1.3 Check the disc brushes and fine dirt sweeping roller for stuck parts and embedded dirt - bristles must move freely.

6.1.4 Check height adjustment of the disc brushes and adjust to the ground to be swept.

6.1.5 Check the height adjustment.

6.2 Sprayer Device

6.2.1 When using your sweeper for the first time, unscrew, and remove the nozzle to clear the air out of the pipeline, otherwise it may cause abnormal spraying.

6.2.2 To prevent clogging of nozzle, add tap water.

6.2.3 When you add water, be careful not to splash the water on the screen of the switch, otherwise it may cause the equipment to malfunction.

6.2.4 If the nozzle is clogged, remove and clean.

6.2.5 When the temperature is below 32F or the sweeper will be stored for a long time, please ensure to empty the water tank.

6.3 Emptying the Water Tank

6.3.1 Unscrew the spray nozzle and place a container under the pipe of the spray nozzle.

6.3.2 Turn on the power switch and water pump switch.

6.3.3 Turn off all switches when the water tank is empty.

6.4 Removing the Handles

6.4.1 Adjust the handles so that the arrows on the housing are flush with the lugs on the handle fittings.

6.4.1 Position yourself in front of the sweeper inside the push handle.

6.4.1 Grasp both handle fittings with your hands.

6.4.1 Carefully press both handle fittings outwards.

6.4.1 Simultaneously pull the handle fittings out of the two mounts on the sweeper.

6.5 Disconnecting the Battery



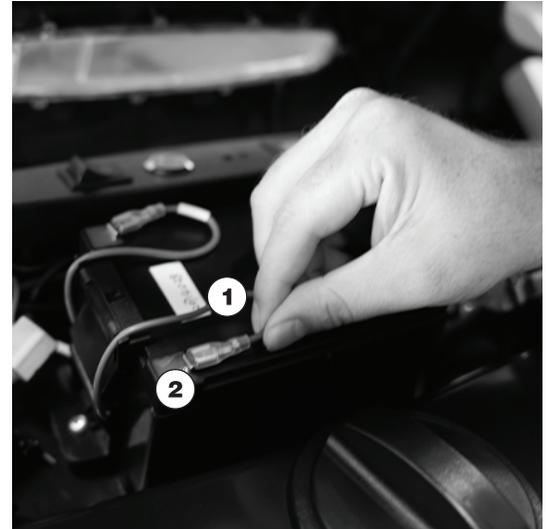
Improper disconnection of the sweeper may cause damage to the sweeper. For storage periods of longer than 2 months: disconnect the battery cable to protect the battery against deep discharge.

The sweeper may be damaged, and the warranty rendered void if the cables are mixed up on the battery.

6.5.1 Pull the cover forwards at the front bottom edge.

6.5.1 Swivel the cover up.

6.5.1 Pull the battery cable (blue) (1) off contact tab (2).



6.6 Storage

6.6.1 Empty the waste bin.

6.6.2 Switch the ON/OFF switch to "O" position.

6.6.3 Position the sweeper so that the bristles are not kinked or bent.

6.6.4 Secure the sweeper to prevent it from tipping, slipping or being damaged.

6.6.5 Do not store the sweeper outside or in a damp place.

6.7 Transportation



Do not carry the sweeper by the handle of the waste bin.

6.7.1 Fold the push handle (1) forwards so that it is in flat position.

6.7.2 Grasp the sweeper at the carrying handle (2).

6.7.3 Carry the sweeper so that the disc brushes are facing away from the body (3).



7. TROUBLESHOOTING

REASON	POSSIBLE CAUSES	SOLUTION
No Response LED Light Is Not Lit	Power supply positive and negative poles are reversed	Connect properly
	Circuit board P+/P- plug off	Reconnect
	The fuse is burned or missing	Install a new fuse
Brush Does Not Turn Green LED Light Is Always On Or Flashing	The connection plug is loose	Reconnect the line
	Broken brush, circuit board protection	Turn off the power and clean up foreign objects
	The brush is too low from the ground and the brush resistance is high	Height adjustment
	Front brush wear	Replace the turbine/brush
The Red LED Flashes And The Machine Do Not Work	Power < 5%, Voltage <9V, Circuit board protection	Charging the battery
The Pump Works Normally but Does Not Spray Water	The nozzle is blocked or broken	Cleaning or replacing the nozzle
	External filter is blocked	Clean or replace the filter
Slow Or Unsmooth Movement When Working Without Power	The brush is blocked	Clear the blockage
	The sweeper is too dirty	Clean the sweeper
	Brush driver is dirty	Clean the driver, apply lubricant
Not Picking Up All Debris When Sweeping	Cleaning lip is lost, loose, or worn	Replace the cleaning lip
	Trash bin is full	Dumping the garbage
Brush Is Bending	Inappropriate storage	Blow straight with a hair dryer

8. MAINTENANCE RECORD

TOMAHAWK® tools are assembled with care and will provide years of service when properly maintained. Preventative maintenance and routine service are essential to the long life of your tool. Adhere to reading through this manual thoroughly. You will find that you can do some of the regular maintenance yourself. However, when in need of parts or major service, be sure to contact a TOMAHAWK® Technician. For your convenience we have provided this space to record relevant data about your TOMAHAWK® equipment.

Invoice Number:		Type of Machine:	
Date Purchased:		Dealer Name:	
Serial Number:		Dealer Phone:	

REPLACEMENT PARTS USED					MAINTENANCE LOG	
PART NO.	DESCRIPTION	QTY	COST	DATE	DATE	OPERATION

9. REPLACEMENT PARTS

9.1 For replacement parts and technical questions visit www.tomahawk-power.com or scan the QR code on the front of this manual.

9.2 Not all equipment components are available for replacement. The illustrations within this manual are a convenient reference to the location and position of parts in the assembly sequence.

9.3 When ordering parts, the following will be required: equipment model number, serial number/lot, date code, and description.

9.4 The distributor reserves the right to make design changes and/or improvements to equipment, parts, accessories, and manuals without notice.

10. WARRANTY

Your new TOMAHAWK® equipment is warranted to the original purchaser for a period of one-year.

(12 months) from the original date of purchase. The TOMAHAWK® warranty is against defects in design, materials and workmanship.

The following are not covered under the warranty:

1. Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.
2. Alterations, additions or repairs carried out by persons other than TOMAHAWK® or their recognised agents.
3. Transportation or shipment costs to and from TOMAHAWK® or their recognised agents, for repair or assessment against a warranty claim, on any machine.
4. Materials and/or labor costs to renew, repair or replace components due to fair wear and tear.

TOMAHAWK® and/or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by reason of or the inability to use the machine for any purpose.

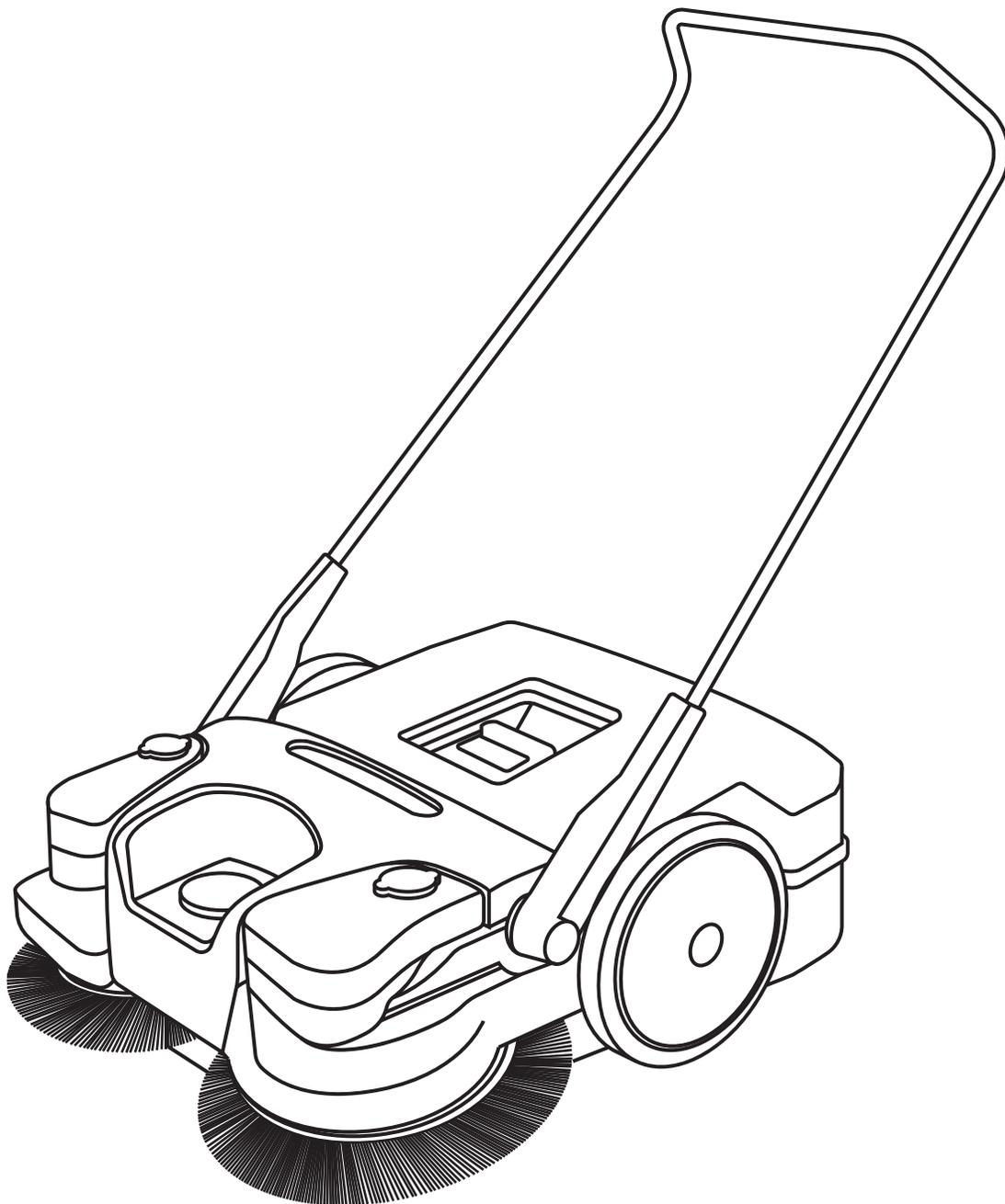
Warranty Claims

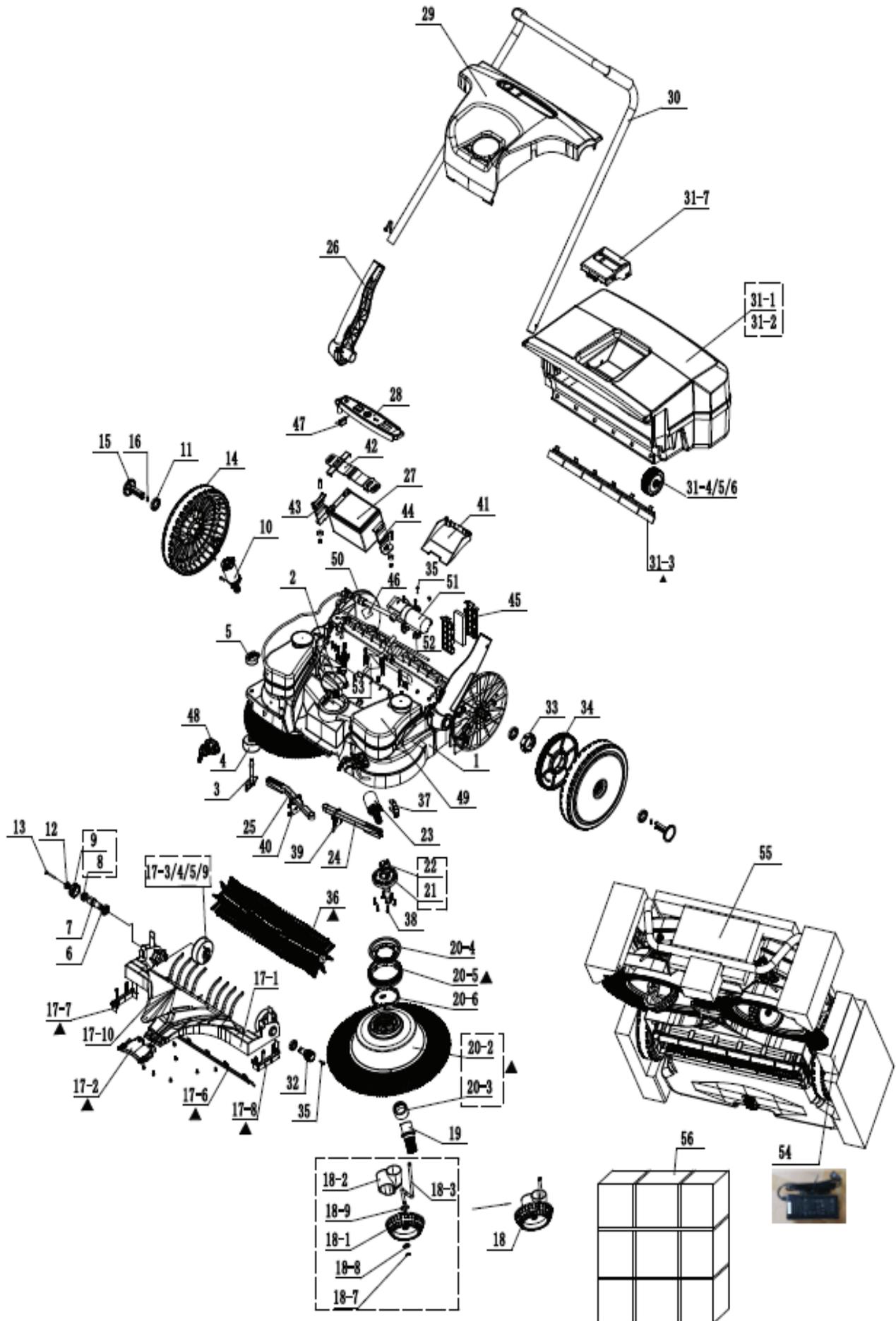
Before submitting any warranty claim, your new TOMAHAWK® equipment should be registered through www.tomahawk-power.com. Follow the steps on page 3 to complete the equipment registration. After registration is complete, all warranty claims should firstly be directed to TOMAHAWK® through the online Service Request form found at www.tomahawk-power.com/pages/service-request.

TOMAHAWK

**eTOS30
BATTERY POWER SWEEPER**

Parts Manual





Part No.	Description	Quantity
1	Machine Frame	1
2	Regulating Handle	1
3	Anti-Collision Axle	1
4	Anti-Collision Wheel	1
5	Push Button	1
6	Bearing 61805-2Rs	4
7	Connecting Sleeve	1
8	Unidirectional Spring	1
9	Small Turbine	1
10	Brush Motor Assembly	1
11	Bearing 61903-2Rs	4
12	Turbine Cover	1
13	M 4 X 70 Assault Spike	1
14	Wheel	2
15	Wheel Cover	2
16	Wheel Cap Pin	2
17	Dust Collector Assembly	1
18	Front Wheel Assembly	2
19	Spur Gear	2
20	Front Brush Assembly	2
21	Fixed Shaft	2
22	Fixed Axle Cover	2
23	Front Brush Motor Assembly	2
24	Adjusting Lever Left	1
25	Adjusting Lever	1
26	Handrail Support	2
27	Battery Assembly	1
28	Switch Seat Assembly	1
29	Upper Cover Assembly	1
30	Handrail	1
31	Dust Container Assembly	1
32	Small Pinions	1
33	Monomia Case	1
34	Big Pinions	1
35	Self-Tapping Nailst4.2×19	15
36	Roller Brush Assembly	1
37	Turbine Arm	2
38	Self-Tapping Nailst4.2×16	16
39	Camber Plate Left	1
40	Camber Plate Right	1
41	Camber Plate	1
42	Battery Pressure Plate 1	1
43	Battery Pressure Plate 2	1
44	Battery Pressure Plate 3	1
45	Sponge Assembly	2
46	Signage	1
47	Chargers	2
48	Nozzle Base Assembly	2
49	Water Container Assembly	2
50	Water Pipes And Fittings	1
51	Pump	1
52	Pump Support 1/2	4
53	Filter Assembly	2
54	Insurance Pipe	1
55	Manual	1
56	Carton Box	1

TOMAHAWK

PRODUCT CATALOG

COMPACTION



HONDA
ENGINES

3,550 lbs/ft Vibratory Rammer
Part#: TR68H

3.6 HP Honda GXR120 Engine
Easily achieve a 100% compaction rating
3-in-One Fuel System with carburetor protection
13" x 11" plate for narrow trenches and corners
3 Year Engine Warranty & 1 Year Product Warranty



HONDA
ENGINES

3,400 lbs/ft Plate Compactor
Part#: TPC90H

5.5 HP Honda GX160 Engine
Easily achieve a 100% compaction rating
22" x 20" cold, rolled steel beveled base plate
Includes 3.5 gallon water tank for asphalt compaction
3 Year Engine Warranty & 1 Year Product Warranty



HONDA
ENGINES

KOHLER
ENGINES

3,000 lbs/ft Plate Compactor
Part#: TPC80 & TPC80H

6 HP Kohler CH260 & 5.5 HP Honda GX160 Engines
Easily achieve a 100% compaction rating
16.5" x 21.5" plate for narrow trenches and corners
Optional Honda Engine model: TPC80H
3 Year Engine Warranty & 1 Year Product Warranty

FINISHING



6.5 Gal Backpack Concrete Sprayer
Part#: TCS6.5

Maintain constant, adjustable pressure up to 450 PSI
Achieve superior concrete finishes with even spraying
Spray 15,000 sq ft in less than 10 minutes
Compatible with major manufacturer wands
1 Year Product Warranty



HONDA
ENGINES

1.6 HP Vibratory Concrete Screed
Part#: TVSA-H

1.6 HP Honda GX35 Engine
Aluminum Magnesium blades available from 8ft - 14ft
Finish concrete 4X faster than other screed methods
360° adjustable handle placement
3 Year Engine Warranty & 1 Year Product Warranty



HONDA
ENGINES

6" Early Entry Green Concrete Saw
Part#: TFS6H

5.5 HP Honda GX160 Engine
Maximum cutting depth of 1 3/16 inches
OSHA compliant vacuum port for dust collection
Includes 6" early entry concrete blade
3 Year Engine Warranty & 1 Year Product Warranty

FINISHING



HONDA
ENGINES

1.6HP Backpack Concrete Vibrator
Part#: TVIBH + TVW10-P

1.6 HP Honda GX35 engine
Consolidation with speeds of 10,000-12,000 VPM
Quick Connect centrifugal clutch vibrator
1" and 2" Diameter Whips Available in 10ft Length
3 Year Engine Warranty & 1 Year Product Warranty



HONDA
ENGINES

KOHLER
ENGINES

36" & 46" Concrete Power Trowel
Part#: TPT36H/K & TPT46H/K

6 HP/14HP Kohler & 5.5HP/8.5HP Honda Engines
Adjust trowel blade pitch from 0-28°
60-115 RPM rotor speed for superior concrete finishes
Includes float pan and trowel blades
3 Year Engine Warranty & 1 Year Product Warranty



HONDA
ENGINES

8" Gas Powered Concrete Scarifier
Part#: TSCAR8H

5.5 HP Honda GX160 Engine
Remove traffic lines at 800 - 1,000 linear ft/hr
Tungsten Carbide Blade Kit Available
OSHA approved dust port for silica vacuum removal
3 Year Engine Warranty & 1 Year Product Warranty

HAVE QUESTIONS?

Contact us. *We're here to help!*

Email us at sales@tomahawk-power.com

10% OFF

USE CODE

SAVE10

AT CHECKOUT FOR

10% OFF YOUR ORDER AT

WWW.TOMAHAWK-POWER.COM

POWER / WELDING

INVERTER SERIES



2000 Watt Inverter Generator
Part#: TG2000i

2000 Max Watts, 1600 Rated Watts
Run Time of 8 hours on 1 gallon of gas
OSHA and GFCI Compliant
Parallel technology capable for double the power
2 Year Product Warranty

INVERTER SERIES



210 Amp Portable Welder Generator
Part#: TWG135Ai

Steady 50 - 135 Amp DC welding output
3300 Watt Inverter Generator
60% Duty Cycle for extended use
Suitable for welding rods from 6010 to 7024
2 Year Product Warranty



210 Amp Portable Welder Generator
Part#: TWG210A

Steady 50 - 210 Amp DC welding output
2000 Watt Inverter Generator
60% Duty Cycle for extended use
Suitable for welding rods from 6010 to 7024
2 Year Product Warranty

PEST CONTROL



3.7 Gallon 3HP Backpack Fogger
Part#: TMD14

Turbo Boosted Pump with 40ft + Horizontal Reach
Sprays 1 acre in 30 minutes
10X Faster than Manual Pump Sprayers
Converts to Leaf Blower with 200 MPH Air Velocity
1 Year Product Warranty



4.75 Gallon Battery Power Sprayer
Part#: eTPS18

Reach Up to 30ft Horizontal Reach
Sprays 6000 sq ft in 10 minutes
10X Faster than Manual Pump Sprayers
70 PSI Commercial Grade Pump
1 Year Product Warranty



5 Gallon Backpack Power Sprayer
Part#: TPS25

Reach Up to 30ft Horizontal Reach
Sprays acres in 10 minutes
10X Faster than Manual Pump Sprayers
50-435 Adjustable PSI Commercial Grade Pump
1 Year Product Warranty

AND MORE



4 Gal. Motorized Fertilizer Spreader
Part#: TGS30

Reach up to 30ft Horizontally
Sprays 1 acre in 30 minutes
20X Faster than push spreaders
Converts to Leaf Blower with 200 MPH Air Velocity
1 Year Product Warranty



3" Full Trash Water Pump
Part#: TW3H

Moves liquids at a rate up to 375 gal/min
Handle solids up to 1.5"
Silicone carbide seals and a chrome plated volute
8 HP engine protected by rugged all purpose frame
3 Year Engine Warranty & 1 Year Product Warranty



Commercial 38" Push Sweeper
Part#: TOS38

Collect up to 14.5 gallons of dust and debris
Can be used indoors & outdoors on wet or dry surfaces
Includes integrated airflow control and fine dust filter
Lightweight design, capable of fitting through doorways
1 Year Product Warranty

ASSEMBLED IN THE
USA
PARTS SOURCED GLOBALLY

* All coupons in this manual are valid only for orders placed on www.tomahawk-power.com, unless otherwise noted. Coupon codes may only be used once per customer and may not be combined with any other offer. Coupons may expire at any time without notice.

(866) 577-4476

www.tomahawk-power.com



Power Your World

Tomahawk understands to keep a job-site running smoothly the proper equipment and spare parts are needed at the drop of a hat. With same day shipping and faster delivery times, count on Tomahawk to keep you powered throughout the day! With long lasting parts and engines, Tomahawk equipment will be the star of your fleet for years to come. Visit www.tomahawk-power.com to get started today!

TOMAHAWK

TOMAHAWK®, LLC
San Diego, CA

Sales Support
(866) 577-4476
sales@tomahawk-power.com

Equipment Support
(866) 577-4476
support@tomahawk-power.com

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