

GreenTek®

Trusted by the best in the game

SWEEP-N-FILL Mk3

Operator's Manual



Declaration of Conformity



Date: 5th August 2025
Machine Model: Sweep-N-Fill Mk3
Description: Towed Rotary Brush
Serial Number:

I hereby certify that the machine detailed hereon conforms to:
UK Supply of Machinery (Safety) Regulations 2008
European Directives 89/392EEC as amended on 91/368EEC –
93/368EEC – 93/68EEC

Signed: 

M. J. Oliver
Product Development Manager

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UK

THE SWEEP-N-FILL GROOMING BRUSH

Introduction

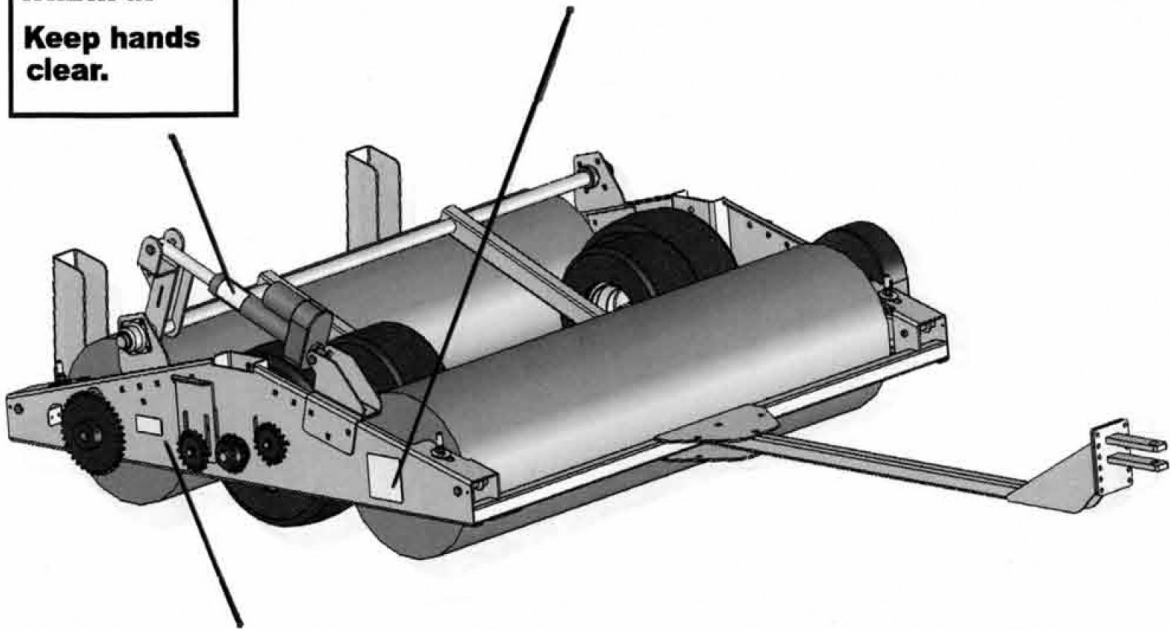
- The Sweep-N-Fill is a tow-behind grooming brush with 2 counter-rotating cylinder brushes, which is used by groundskeepers to improve the playing quality and the growing environment of the turf on golf courses and sports fields.
- The Sweep-N-Fill may be towed behind a variety of lightweight utility vehicles or tractors commonly used for turf maintenance.
- The brushes are set in motion by a turf tyre coming into contact with the ground which then drives a chain and sprocket assembly and turns the brush. Each brush is powered by its own drive tyre.
- A 12 volt electric actuator is the device that raises and lowers the unit. As the drive tyre lifts off the ground, the brushes stop turning - also when the towing vehicle stops, the brushes will stop turning.
- The Sweep-N-Fill has a variety of uses. As a 'groomer' the brush lifts the laid-over grass upright so that it can be cleanly mowed. The brush is also used to incorporate topdressing materials into the turf canopy. The mechanical action of the brush places the topdressing deeper into the canopy so that less material is removed in the next mowing operation. Lastly, the brush is the preferred tool for backfilling topdressing materials into the holes left in the surface by core aerification or spiking procedures that are routinely used in turf maintenance.
- Only general maintenance is required by the operator including: keeping tyres properly inflated; adjustment of the drive chains so that there is 1/2 to 1 inch of chain deflection at the midpoint between the sprockets, rinsing the unit after use so that the soil, sand, grass or fertilizer are removed from the unit. Store the unit so that bristles are not in contact with a floor, wall or anything that would distort the bristles.
- The Sweep-N-Fill is not intended to remove aerifier cores from a playing surface or to move large amounts of soil or sand over the turf.

Identification Markings



Pinch point hazard.
Keep hands clear.

SNF III Turf Brush		SERIAL 00501
Rated Voltage	12 vdc	
Rated Current	20 amp	
Total Weight		388 lbs / 176 kg
Maximum Operational Speed		5 mph / 8 km/h
Maximum Transport Speed		15 mph / 24 km/h
Tire Pressure		14 psi / 97 kPa
Fuse Spec.		25 amp Mini ATM Automotive
Dream Turf, LLC John Heitfield 1155 Donald Drive Greenville, Ohio 45331		937-417-3321 www.sweepnfill.com Manufactured in the USA 2012

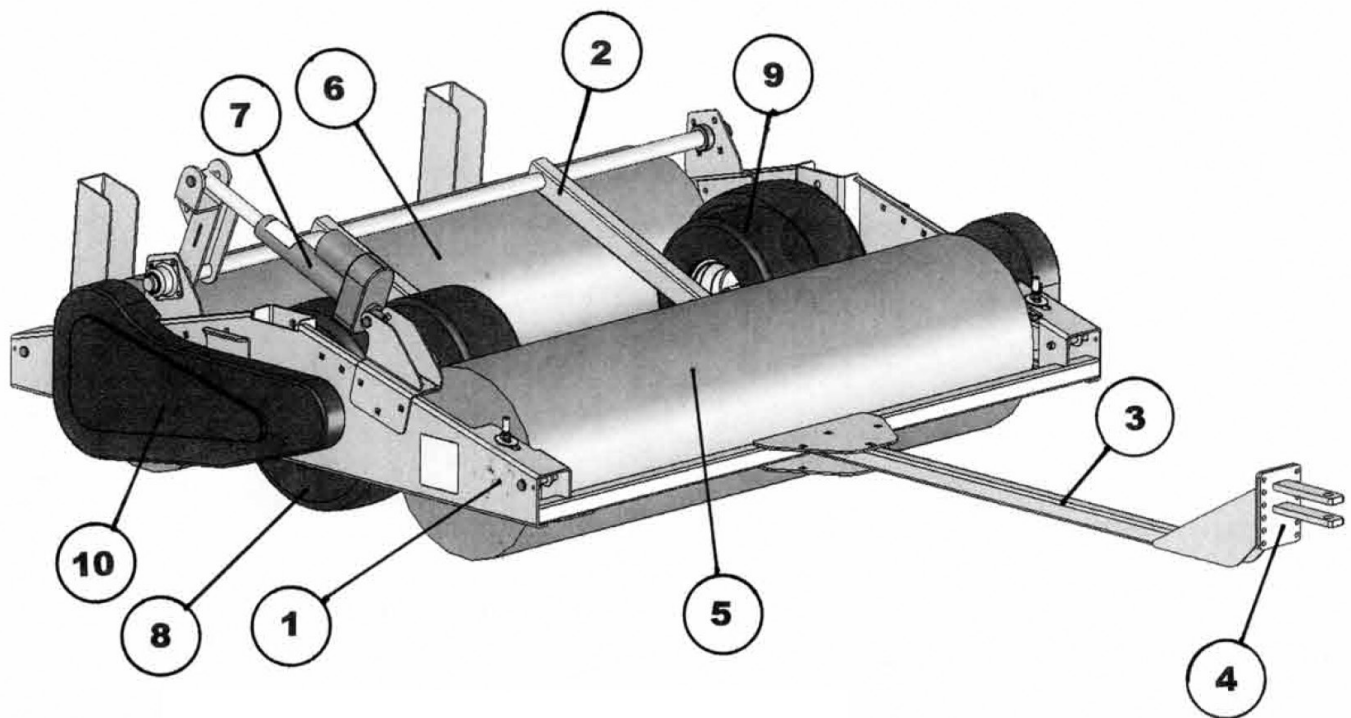




WARNING
Moving parts can crush and cut.
Keep hands clear.
Do not operate with guard removed.

Sweep-N-Fill Mk3

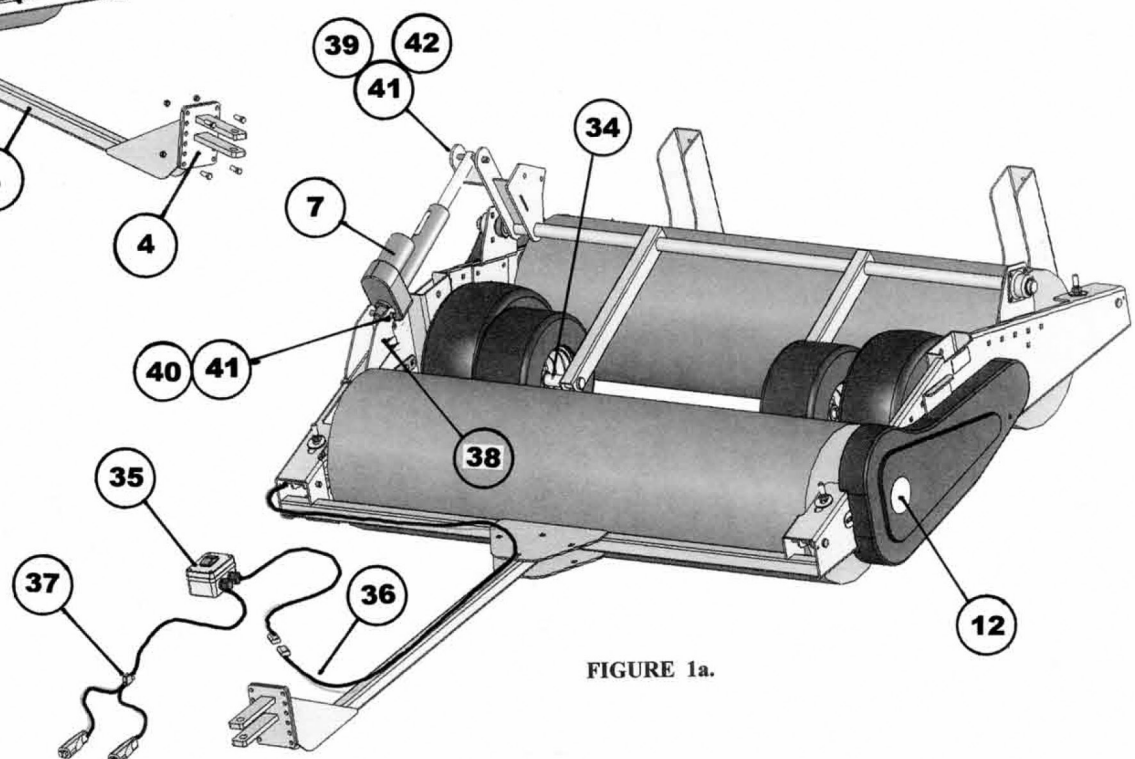
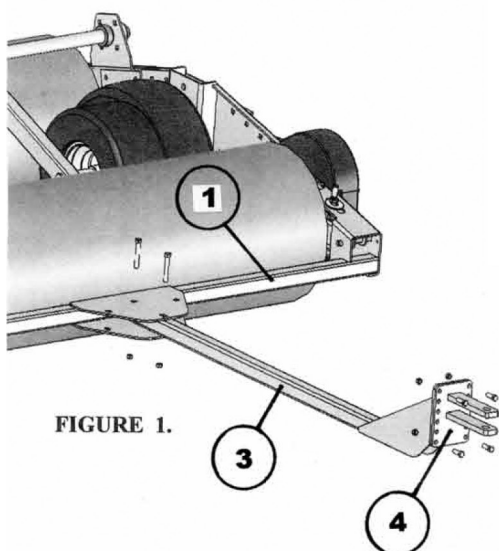
Major Component Description



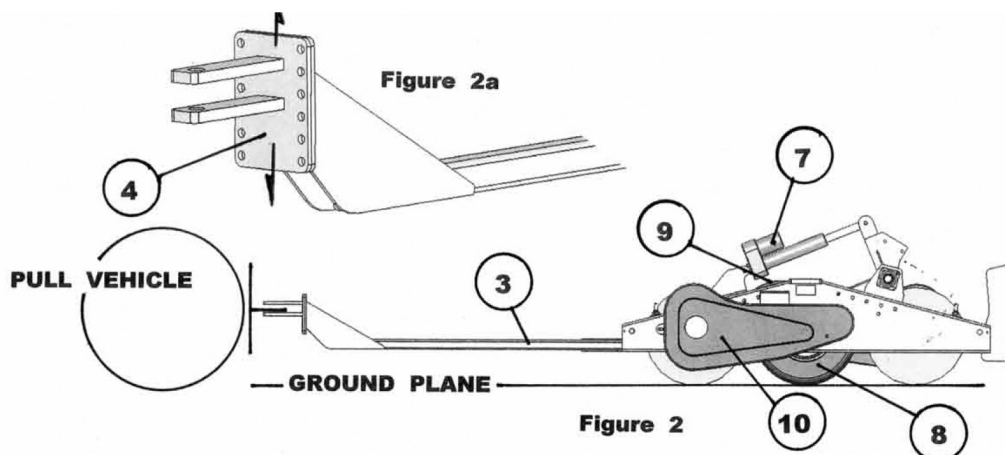
- 1** Frame Assembly
- 2** Transport Axle Assembly
- 3** Tongue Assembly
- 4** Hitch
- 5** Front Brush Assembly
- 6** Rear Brush Assembly
- 7** Electric (12 Volt) Actuator
- 8** Drive-Wheel / Tyre Assembly
- 9** Transport-Wheel / Tyre Assembly
- 10** Chain Guard Cover
- 35** Actuator Control Box (see over)
- 36** Actuator Harness (see over)

Initial Sweep-N-Fill Mk3 Assembly Requirements

- 1** Assemble Tongue (#3) to Frame (#1) as shown using (2) 3/8 - 16 x 2 1/2" long carriage bolts with (2) 3/8 serrated lock nuts - Fully tighten (fig. 1)
- 2** Assemble Hitch (#4) to Tongue (#3) as shown using (4) 3/8 - 16 x 1" long hex bolts with (4) 3/8 serrated lock nuts - do not tighten at this point (fig 1)
- 3** Connect Actuator Control Box (#35) to Actuator Harness (#36) as shown in (fig 1a)



Initial Sweep-N-Fill Mk3 Setup Requirements



- 1 After initial assembly steps are completed position the SNF Mk3 on a level flat surface.
 - 2 Attached the SNF Mk3 to the desired pull vehicle. Adjust Hitch (#4) up or down (fig. 2a) such that Tongue (#3) is parallel to the ground plane as shown in (fig. 2) Secure Hitch (#4) in the desired position and tighten bolts.
 - 3 Connect the actuator control box battery clips to the pull vehicle battery.
 - 4 **WARNING. Ensure that all actuator control box wiring is properly routed so entanglement is prevented.**
 - 5 Raise transport Wheels (#9) as shown in (fig. 2) such that the SNF Mk3 is resting on the Drive Wheels (#8) NOTE: Actuator (#7) is fully extended
 - 6 Adjust (4) brush height adjustments bolts leaving 1/8" to 1/4" space between washer and lock nut (fig 2b)
 - 7 Remove both Chain guard covers (#10) and check chain tension. Chain should have between 1/2" to 1" deflection at point "A" as shown in (fig. 2c) to get the desired chain deflection. Replace Chain Guard covers (#10)
- WARNING. Never Operate SNF Mk3 With Chain Guard Covers Removed!**
- 8 Check tyre pressure - inflate both Drive and Transport tyres to 14psi. (97 kPa)
 - 9 Always ensure that the SNF Mk3 is properly greased (see the maintenance section for lubrication points). For your convenience the SNF Mk3 has initially been fully greased in the factory.

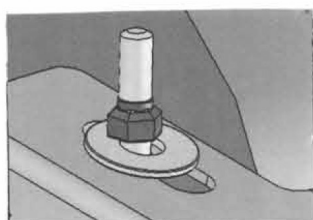


FIGURE 2b

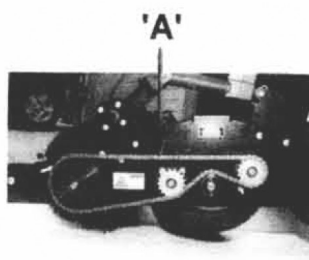


FIGURE 2c

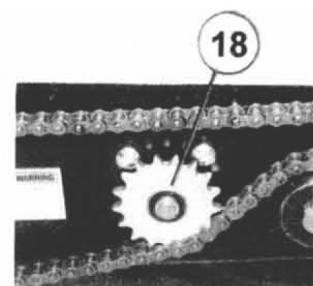


FIGURE 2d

Maintenance requirements / Suggestions

NOTE: Your SNF Mk3 has been designed for the need of minimal routine maintenance. If the following service points are periodically checked your SNF Mk3 will deliver years of trouble free service.

- 1** Periodically check for any loose hardware and tighten as necessary.
- 2** Always maintain a tyre pressure of 14 PSI / 97kPa in both the Drive (#8) and Trailer (#9) tyres.
- 3** After routine use, wash down to remove all debris buildup.
- 4** Periodically it is recommended to remove the chain guard cover (#10) and check for debris buildup, clean as required. At this time check the chain (#45) deflection and adjust as required per (fig. 2c). It is recommended not to grease the chain but instead apply a light coat of a dry silicone spray lubricant - this will minimise dirt buildup on the chain drive components.

NOTE: REPLACE THE CHAIN GUARD COVERS AND NEVER OPERATE THE SNF Mk3 WITHOUT THE COVERS PROPERLY INSTALLED.

- 5** There are two points that require grease lubrication (fig 3a & 3b)
 - a. Trailer wheel hub / Spindle (#9 / 34)
 - b. Trailer axle pivot bearing (#20)

It is important to keep these points properly lubricated, however, always wipe away excess grease to prevent damage to surfaces being groomed.

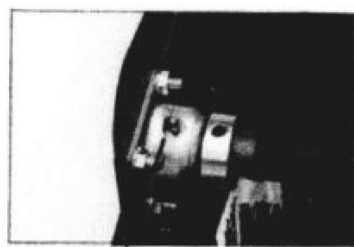
- 6** It is recommended to store the SNF Mk3 inside, However, this may not always be possible, at least disconnect the control box harness and store inside.
- 7** If the actuator (#7) fails to function check the following:
 - that the battery connections are securely attached.
 - that the harness wiring has not been damaged
 - all harness connections are securely connected and corrosion free
 - check fuse (#37) if blown, replace with 25 amp standard mini automotive fuse.

Figure 3a



GREASE

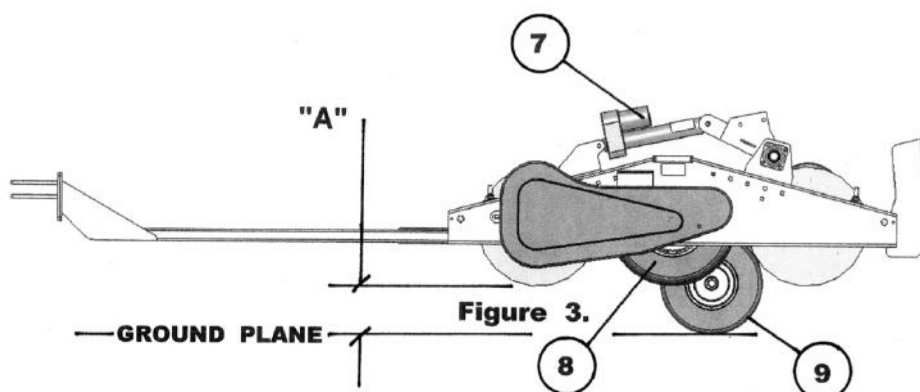
Figure 3b



GREASE

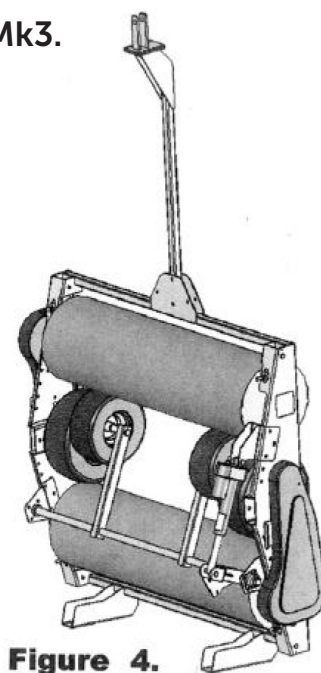
Transporting Sweep-N-Fill Mk3

- 1 When transporting the SNF Mk3 from one grooming location to the next, it is recommended to always raise the SNF Mk3 by fully retracting the Actuator (#7). This will raise the Drive Wheels (#8) off the ground and lower the transport Wheels (#9) as shown in (fig 3). By doing this when transporting the brush life will be significantly increased.
- 2 **WARNING: The SNF Mk3 is not designed for highway towing! The recommended maximum transport speed is 15 mph/ 24/ kmh**



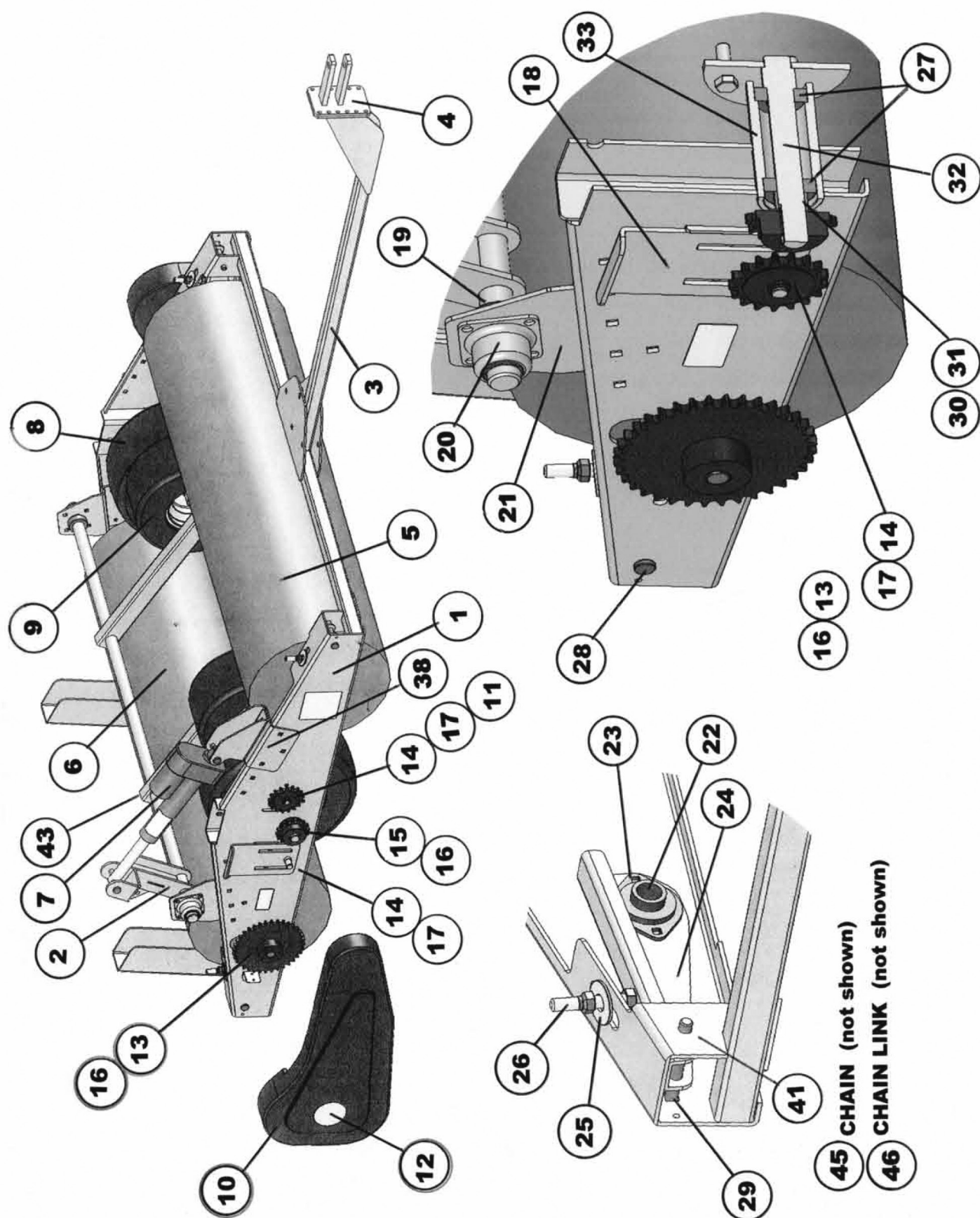
Storage Recommendations

- 1 It is recommended to always store the SNF Mk3 inside to prevent weather damage. When not possible, at a minimum, disconnect the Actuator Control Box (#35) and store inside.
- 2 The SNF Mk3 has built in storage stands on the rear of the machine which allows for vertical storage as shown in (fig. 4).
WARNING: Use caution when raising and lowering the SNF Mk3. It is heavy ... ask for assistance.
- 3 The SNF Mk3 is heavy (176kgs) and must be stored against a wall and secured with appropriate straps and chains.
- 4 If possible, store the SNF Mk3 out of direct sunlight. Constant exposure to ultraviolet light will deteriorate the brush fibres after a period of time.

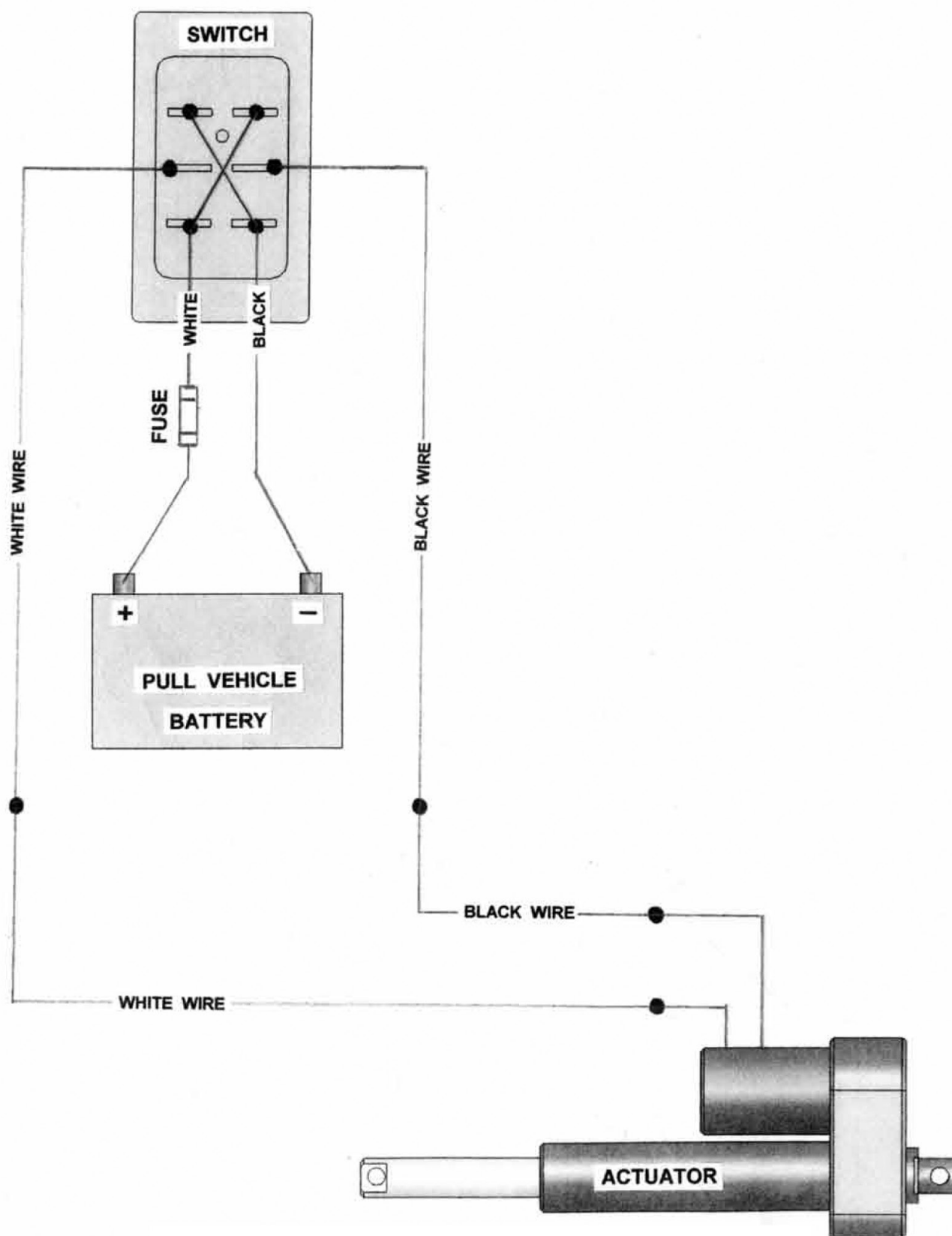


Bill of Materials

DWG Ref	Code	Description	QTY/machine
1	SNF12710-908	Frame assy	1
2	SNF12710-909	Transport Axle Assy	1
3	SNF12710-903	Tongue Assembly	1
4	SNF12710-904	Hitch	1
5 & 6	SNF12710-510	Brush assembly	2
7	SNFMAI-5170-002	Lift Actuator	1
8	SNFDM658-2RT1	Drive wheel/tyre	2
9	SNFW-DC6-3C-NB	Transport wheel/tyre	2
10	SNF12710-500	Chain guard assy	2
11	SNF12710-906	Reversing brckt assy	2
12	SNF12710-530	Decal	2
13	SNF133-655	Brush sprocket	2
14	SNF133-782	Idler sprocket with bearing	4
15	SNF133-586	Drive sprocket	2
16	SNF95361	Key	4
17	SNF68013	Retaining ring	4
18	SNF12710-905	Idler Bracket assy	2
19	SNF168-020	Lock collar	2
20	SNFFEE20G	Transport Shaft Bearing	2
21	SNF12710-045	Axle bracket	2
22	SNF155-616	Brush bearing	4
23	SNF52M-2-ZP	Bearing flange	8
24	SNF12710-910	Brush Arm	4
25	SNF33016	Washer	4
26	SNFADJBLT	Adjustment bolt	4
27	SNF1641	Wheel axle bearing	4
28	SNFCP242	Clevis pin	4
29	SNF2868T11	Spacer	4
30	SNFSS3240	Sleeve bushing	2
31	SNF33445	Washer	6
32	SNF12710-907	Drive spindle assy	2
33	SNF12710-530	Weld on Hub	2
34	SNF12710-540	Weld on spindle	2
35	SNF12710-550	Actuator control	1
36	SNF12710-551	Actuator Wire harness	1
37	SNF12710-552	Fuse	1
38	SNF12710-040/041	Actuator bracket	1
39	SNFCP240	Clevis pin	1
40	SNFCP236	Clevis pin	1
41	SNFBOW120	Retaining pin	6
42	SNF1620	Sleeve bushing	2
43	SNF12588	Plastic cap	2
44	SNFHANGE2	Lynch pin	2
45	SNF12710-560	Chain	2
46	SNF12710-561	Chain Link	2



Sweep-N-Fill Mk3 Electrical Diagram



Warranty Registration

NOTE:

In order to validate the warranty, please register your purchase at www.greentek.uk.com on the Warranty Registration page within 30 days of purchase.

Guarantee

All GreenTek products are covered by 5 years parts and labour warranty for commercial use, and 3 months warranty for hire use.

This is a genuine 'bumper to bumper' warranty and includes everything except components subject to fair wear and tear such as brushes, bearings, drive chains, sprockets etc, and damage caused by corrosion, abuse, or lack of maintenance. Outsourced components such as linear actuators carry the original manufacturer's warranty.





SAFETY PRECAUTIONS



Most accidents occur because of neglect or carelessness. Avoid needless accidents by following all the safety precautions listed below.

- Machinery should be operated only by those who are responsible and are authorised to do so.
- Stop the engine, lower all equipment, lock the brakes and remove the ignition key before dismounting the utility vehicle.
- Loose fitting clothing should not be worn to avoid catching on various parts.
- Unhook the SNF Mk3 in areas where children normally do not play.
- Only a qualified operator should be allowed to drive the utility vehicle.
- Make sure everyone is in the clear before starting the utility vehicle or raising and lowering equipment.
- Reduce speed when transporting to avoid mishaps. Avoid sharp turns, starts and stops on inclines.
- Allow no riders.
- Always be sure the SNF Mk3 is in the proper transport position.
- Keep alert and watch the front as well as the rear when working with the SNF Mk3.



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Responsibility

The supplier does not accept any responsibility for damage or harm caused by not strictly observing the safety requirements in this manual. The manufacturer cannot be liable for damage, injury or consequential loss resulting from installation or servicing by unqualified personnel. The manufacturer will also not be liable for damage, injury or consequential loss resulting from incorrect operation or modifications of the equipment.

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