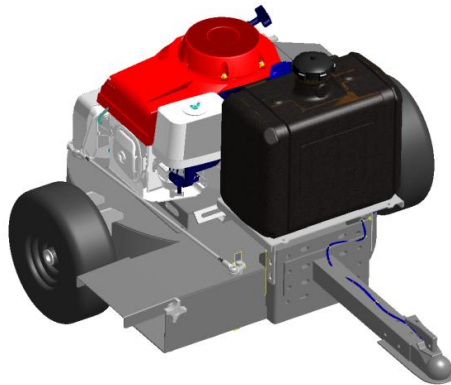




LANDSHARK™

Tow-Behind Attachment Blower



OWNER'S MANUAL

Debris Blowers for the professional
Blow the Competition Away...

Covers All 10-13 HP Models

Please Read all safety and operating instructions before using
machine.

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SELBRO
INCORPORATED *of PowerQuip
Company*



We would like to thank you for your purchase of our professional grade LandShark high output debris blower. All our products are fabricated and assembled using quality parts and heavy gauge steel materials in our Bellevue, Ohio facility. The machine you have is designed to provide many years of service.

The LandShark Team

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Applications and uses:

The versatility of the LandShark blower makes it ideal for a wide range of uses. Uses include, blowing leaves, drying tennis courts, blowing grass clippings, cleaning parking lots, cleaning driveways and sidewalks, snow in some cases and blowing thatch from golf course greens and tees.

This manual provides information for safe and efficient operation and service. It is important that you read and understand this manual before operating your blower.

⚠ Warning: The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. For more information refer to www.P65Warnings.ca.gov.

Service Information:

Engine: Refer to the enclosed Engine Manual provided by the engine manufacturer or an authorized repair facility for replacement parts and engine warranty.

Blower Components: Contact your local LandShark dealer.

Safety Information:

⚠ WARNING: This symbol indicates important safety instructions. When you see this symbol, **⚠** pay special attention to its warning!! Stay Alert!!

⚠ WARNING: TO REDUCE THE POTENTIAL FOR ACCIDENTS, ALWAYS COMPLY WITH THE SAFETY INSTRUCTIONS IN THIS MANUAL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND / OR EQUIPMENT AND PROPERTY DAMAGE.



⚠ WARNING: IMPROPER USE OR CARE OF THE BLOWER, FAILURE TO WEAR PROPER SAFETY PROTECTION CAN RESULT IN SERIOUS INJURY. READ AND UNDERSTAND THE RULES FOR SAFE OPERATION AND ALL INSTRUCTIONS IN THIS MANUAL. WEAR HEARING AND EYE PROTECTION AT ALL TIMES WHEN OPERATING THIS BLOWER.

⚠ Safety Decal



Ensure safety labels are in place, visible and in good condition.

General Safety Rules

Read and understand the operator's manual. Pay specific attention to all areas pertaining to safety. Keep your operators manual in a secure place.

WARNING --- KEEP CHILDREN, PETS, and BYSTANDERS AWAY ---Do not permit children to touch blower. Keep children a safe distance away from work area. Never allow a person under the influence of alcohol or drugs to operate the blower.

DO NOT OVERREACH OR STAND ON UNSTABLE SURFACES when operating the blower. Keep good footing at all times.

WHEN OPERATING MULTIPLE MACHINES ---Keep a safe distance between operators when working simultaneously.



WARNING DANGER Misuse of blower or failure to follow all safety precautions may result in serious injury to the operator or others. Read and understand the following before attempting to operate this blower!!!

Warnings - - Do NOT Do!

DANGER ROTATING FAN --- KEEP HANDS AWAY. DO NOT attempt to clear debris of any sort from the intake area or discharge area of the blower while the engine is running.

DO NOT touch the exhaust muffler if the unit has been run recently as it will be very hot and cause burns.

DO NOT place hands or feet around the unit during operation. There are several potential pinch points that could cause injury. When activated with the remote control, the rods that open and close the gates move and can cause injury.

DO NOT RIDE ON THE UNIT – it is designed to carry itself and nothing more.

DO NOT POINT THE BLOWER DISCHARGE OUTLET in the direction of people, cars, glass, or other items which could be injured or damaged by flying debris.

DO NOT ATTEMPT TO REPAIR BLOWER --- repairs should be made by a LandShark authorized Dealer. Make sure that only LandShark and recommended engine manufacturer's parts are used.

DO NOT bend the connecting rods as they are calibrated to actuate the control gates properly. Any adjustments made will decrease efficiency and may burn out the gate motor or electronics module.

Do not open the electronics module as it will void the warranty. Contact the LandShark manufacturer for options if you lose the remotes supplied.

Returning a working module to the manufacturer will reduce repair/replacement costs.



1) Warnings - - Do

Connect the blower to the tow equipment before running at full throttle as the unit will move on its own.

BE SURE BLOWER IS PROPERLY ASSEMBLED --- Never operate the blower without all guards and deflectors in place. Make sure all hardware is properly tightened and secure.

KEEP HANDS AWAY FROM AIR INTAKE AND AIR OUTLET CHUTES.

ALWAYS KEEP THE THROTTLE (if equipped) IN THE "IDLE" POSITION AND ENGINE SHUT OFF WHEN NOT IN USE.

DRESS PROPERLY --- Do not wear loose clothing or jewelry. These items can be pulled into moving parts. Safety glasses and ear protection are HIGHLY recommended.

MAINTENANCE IS IMPORTANT --- Follow the routine maintenance instructions provided in this manual and your engine manual to extend the useful life of your blower.

2) Engine / Fuel Warnings

WARNING DANGER, HANDLE FUEL WITH CARE, IT IS HIGHLY FLAMMABLE. FUELING A HOT ENGINE OR NEAR AN IGNITION SOURCE CAN CAUSE FIRE AND RESULT IN SERIOUS PERSONAL INJURY AND / OR PROPERTY DAMAGE.

Do not smoke when handling fuel.

B) Do not refuel an engine that is hot or running.

C) Do not refuel indoors.

D) Do not start or run indoors as poisonous carbon monoxide is emitted.

E) Do not operate in un-ventilated area.

F) Avoid spilling fuel or oil.



WARNING - All debris blowers are shipped without oil. When filling with oil, refer to the engine manufacturers operating instructions for proper type and amount.

Blower Assembly Instructions

The LandShark Tow-Behind Blower is shipped mostly assembled for your convenience.

2} The tow-arm requires 4 bolts to attach to the blower housing assembly. There are two options for this assembly, a pin clevis or 1-7/8" ball hitch. All units are shipped with the pin clevis version. Reach out to your LandShark dealer if you are interested in the ball hitch version.



Position the tow-arm so the blower housing is as level as possible with the ground when attached to the tow machine. This will provide the best performance. The tow arm and wheels have some adjustment if more or less ground clearance is desired. Note: lowering the unit could cause difficulties when towing over uneven ground and may bottom out the unit on an obstruction.

Impeller Removal

(This procedure should only be performed at a qualified dealer)

If removal is required, refer to the manufacturer for instructions.

Operating Instructions

Refer to engine manual for engine operation. **Remember to add oil to the engine as it is shipped without oil!**

Follow the directions in the engine manual for proper oil and quantity.



Maneuverability of the blower and direction control using the remote (buttons C and D) will increase productivity significantly. Using the throttle control (buttons A and B) on the remote at Idle can move smaller amounts of debris without blowing into unwanted areas.

Leaves, thatch, debris and other materials can be directed into windrows or piles making clean up easier and faster.

Use caution when moving backward with the unit.

The horizontal discharge deflectors direct the air downward to “chisel” under wet heavy leaves and litter. Slight changes in deflector angle will have a big effect on air direction and flow. Experiment until you find the best performance for your circumstances.

Take note of the direction of the air outputs to make sure any pushed material is not directed where it will cause damage or inflict injury to others.

Keeping the engine recoil and blower intake free from debris will help the performance. It is recommended to shut the engine off to clear debris.

Caution: Exhaust muffler will be hot if the unit has been run for any length of time. Do not touch it!

3) Maintenance Instructions

Keep all nuts, bolts and screws tight.

Never store the blower with fuel in the tank inside a building or confined space where fumes can accumulate and potentially ignite. Turn off the fuel switch during transport.

Engine - 4 cycle- Refer to the manufacturers operating instructions regarding fuel recommendations, starting and storage.

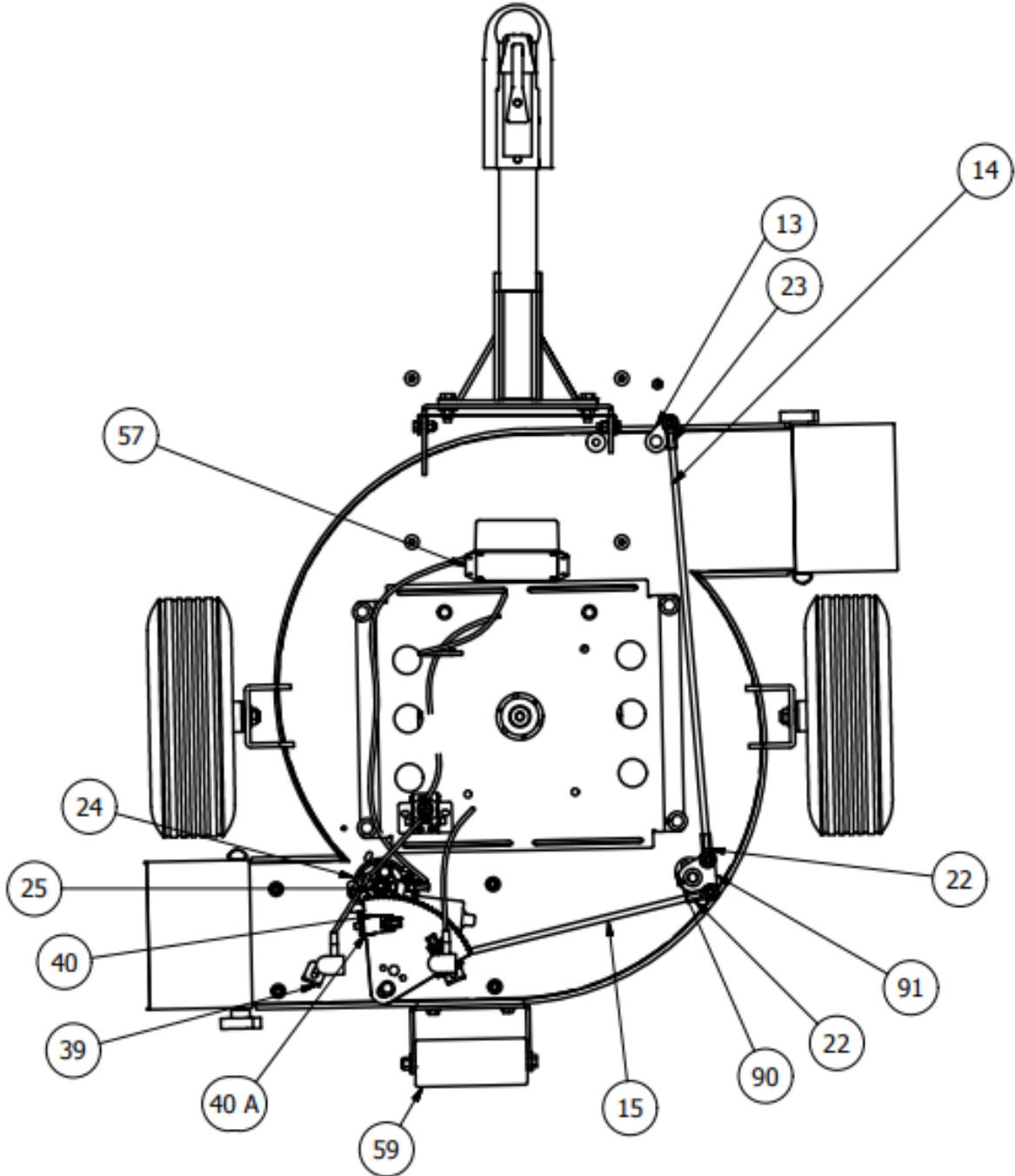
All safety labels should be inspected and clearly visible to the operator.

To prevent accidental starting, disconnect the spark plug wire when servicing engine or blower.

Check oil regularly.



Mechanical Linkage View





Parts List

Item	Part Number	Description	Qty
1	12663	LST Tow Housing Assembly	1
3	12693	Washer, Nylon, Thrust	4
4	12664	Internal Baffle	2
7	11431	Impeller, 18"	1
8	12665	Motor Riser Plate	1
9	12675	Fuel Tank Mount	1
13	12689	Baffle Rod Assembly	1
14	12691	Rod, 5/16 x 21.75, Left/Right Thread	1
15	12692	Rod, 5/16 x 13.5, Left / Right Thread	1
16	11146	Screw, Thumb 5/16-18 x	4
17	12696	Shaft Extension, Machined	1
18	12659	Bushing, Taper, 9/16	1
19	12679	Discharge Flap	2
20	12680	Cover, Bottom Plate	1
22	12684	Rod End, Left Thread	2
23	12685	Rod End, Right Thread	2
24	12657	Motor, Gate Actuator	1
24A	12752	Harness, Gate Motor	1
24B	12658	Gear, Pinion, Part of 12657	1
24C	12681	Clip, E, used with 1265	1
26	12697	Engine, Honda GXV-390	1
28	12697	Spacer, Throttle Plate, Honda Engine	2
31	12751	Harness, Throttle, Actuator	1
33	12357	Tank, Fuel, 6 Gal	1
34	12702	Strap, Tank	2
36	12668	Cover, Gear / Battery Base	1
39	12698	Switch Stop	2
40	12690-1	Gear Assembly	1
40A	12370	Switch, Gear Assembly	2
41	12678-BR	Assembly, Wheel 13-500x6, PNU,	2
41A	08461	Bolt, Wheel, 3/4-16 x 5-1/2 GR8	2
41B	11158	Washer, Flat, 3/4	4
41C	1034	Nut, Jam, 3/4-16	2
41D	12757	Spanner, 3/4 x 4-9/16	2
43	12677	Spacer, Shaft Extension, 2 OD x 1 ID x 1 Long	1
52	12704	Spacer, Gear Motor	2
53	Battery	Customer Supplied	
54	12460	Battery Hold Down Bracket	1
56	12710	Starter Solenoid Briggs only	1
57	12708	ECM Module, W/2 Remote Controls	1
59	12666	Bracket, Anti-Scalp	1
59A	12667	Roller, Anti-Scalp	1



59B	12239	Bolt, ½-13 x 7	1
59C	11127	Washer, 1/2	2
59D	11036	Nut, Jam, Nylon 1/2	1
62	LST-BH1	Tow Arm, Ball, Option	Option
63	11535	Bolt, 3/8-16 x 1.25	4
64	11155	Washer, 3/8	18
65	11150	Nut, 3/8-16, Nylon	8
66	11080	Bolt, 3/8-16 x 1	4
67	11815	5/16-18 x 1	14
68	11156	Washer, Flat, 1/4	28
69	11905	Nut, Nylon, 5/16-18	14
70	11151	Nut, Nylon, 1/4-20	10
71	11845	Washer, 1/4-20 USS	10
73	11830	Bolt, 1/4-20 x 1	4
74	12754	Cap, End, 1/2	2
75	11148	Bolt, 1/4-20 x 3/4	2
76	12703	Fab, Washer, 1/4 Plate, Engine Shaft	1
77	12423	Bolt, 7/16-20 x 3 GR8, Engine Shaft	1
78	12674	Plate, Throttle Control, Honda	1
79	12660	Switch, Ignition	1
81	12673	Fab, Choke Plate, Honda	1
82	12672	Grommet, Choke	1
83	LST-PH1	Assembly, Tow Arm, Pin Hitch, Standard	1
84	12465	Terminal Protector, Red	1
85	12464	Terminal Protector. Black	1
86	12746	Harness, Main, LST	1
87	12700	Bolt, Hex, Button Head, 5/16-18 x 3/4	6
89	12705	Rod, Choke Control	1
90	12686	Bell Crank Base	1
91	12687	Bell Crank	1
	12368	Label, LandShark Square	2
	12042	Label, Caution Hot Exhaust	1
	12133	Label, Danger	2