

TOMAHAWK

4 GALLON FERTILIZER SPREADER

MODEL NUMBER: TGS30

Operation Manual

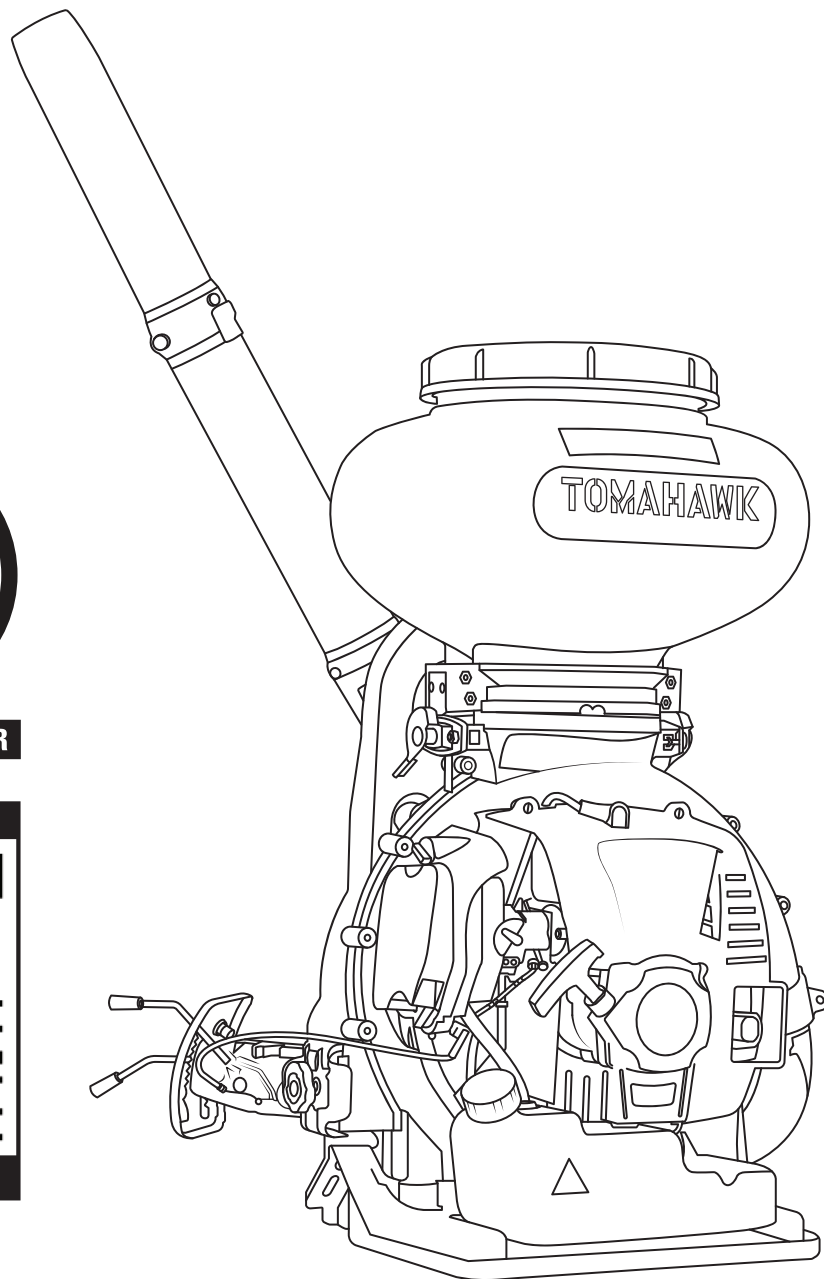
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ONE

SPREADER  LEAF BLOWER

SCAN FOR HOW TO GUIDE



HOW TO VIDEOS, GUIDES,
MANUALS, & MORE



To reduce the risk of injury, the user must read and understand the Operator's Manual before using this product. Save these instructions for future reference.

TOMAHAWK

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Register Your Equipment

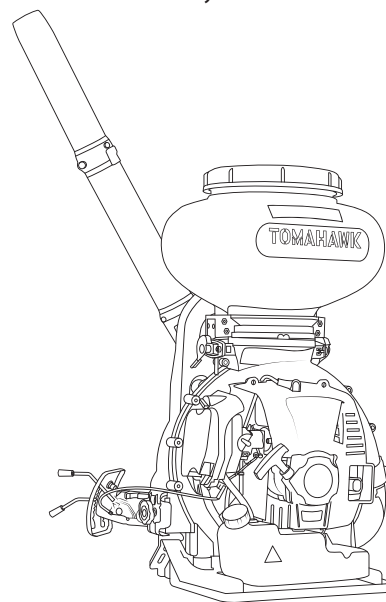
Thank you for purchasing TOMAHAWK® equipment! Your product is covered by the TOMAHAWK® Warranty Policy, but in order to activate your warranty, we need you to register your product. In addition to activating your equipment warranty, product registration will grant you access to important product updates, 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 on each product listing or the Service Videos Page

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 each product listing or 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 equipment. 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 equipment. If you lose this manual or need an additional copy, please contact Tomahawk Power LLC or visit www.tomahawk-power.com. This equipment 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, contact Tomahawk Power.

The information contained in this manual is based on equipment's production at the time of publication. Tomahawk Power 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 call-outs 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.

CAUTION: Used without the safety alert symbol, **CAUTION** indicates a potentially hazardous situation which, if not avoided, may result in property damage.

1.1 Laws Pertaining to Spark Arresters

Notice: State Health Safety Codes and Public Resources Codes specify that in certain locations spark arresters be used on internal combustion engines that use hydrocarbon fuels. A spark arrester is a device designed to prevent accidental discharge of sparks or flames from the engine exhaust. Spark arresters are qualified and rated by the United States Forest Service for this purpose.

In order to comply with local laws regarding spark arresters, consult the engine distributor or the local Health and Safety Administrator.

1.2 Operating Safety



WARNING Familiarity and proper training are required for the safe operation of equipment! Equipment operated improperly or by untrained personnel can be dangerous! Read the operating instructions contained in both this manual and the engine manual and familiarize yourself with the location and proper use of all controls. Inexperienced operators should receive instruction from someone familiar with the equipment before being allowed to operate the machine.

1.2.1 NEVER allow anyone to operate this equipment without proper training. People operating this equipment must be familiar with the risks and hazards associated with it.

1.2.2 NEVER touch the engine or muffler while the engine is on or immediately after it has been turned off. These areas get hot and may cause burns.

1.2.3 NEVER use accessories or attachments that are not recommended by Tomahawk Power. Damage to equipment and injury to the user may result.

1.2.4 NEVER leave machine running unattended.

1.2.5 ALWAYS be sure operator is familiar with proper safety precautions and operation techniques before using machine.

1.2.6 ALWAYS wear ANSI Z87.1-approved safety goggles or safety glasses with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.

1.2.7 ALWAYS close fuel valve on engines equipped with one when machine is not being operated.

1.2.8 ALWAYS store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children.

1.2.9 ALWAYS operate machine with all safety devices and guards in place and in working order. DO NOT modify or remove safety devices. DO NOT operate machine if any safety devices or guards are missing or inoperative.

1.2.10 ALWAYS read, understand, and follow procedures in Operator's Manual before attempting to operate equipment.

1.3 Safety while using Combustion Engines



DANGER Internal combustion engines present special hazards during operation and fueling! Read and follow warning instructions in engine owner's manual and safety guidelines below. Failure to follow warnings and DANGER safety guidelines could result in severe injury or death.

1.3.1 DO NOT run machine indoors or in an enclosed area such as a deep trenches unless there is adequate ventilation, through such items as exhaust fans or hoses are provided. Gasoline exhaust from the engine contains poisonous carbon monoxide gas; exposure to carbon monoxide can cause loss of consciousness and may lead to death.

1.3.2 DO NOT smoke while operating machine.

1.3.3 DO NOT smoke when refueling engine.

1.3.4 DO NOT refuel hot or running engine.

1.3.5 DO NOT refuel engine near open flame.

1.3.6 DO NOT spill fuel when refueling engine.

1.3.7 DO NOT run engine near open flames.

1.3.8 ALWAYS refill fuel tank in well-ventilated area.

1.3.9 ALWAYS replace fuel tank cap after refueling.

1.3.10 ALWAYS check fuel lines and fuel tank for leaks and cracks before starting engine.

1.3.11 DO NOT run machine if fuel leaks are present or fuel lines are loose.

1.4 Service Safety



WARNING Poorly maintained equipment can become a safety hazard! In order for the equipment to operate safely and properly over a long period of time, periodic maintenance and occasional repairs are necessary.

1.4.1 DO NOT attempt to clean or service machine while it is running. Rotating parts can cause severe injury.

1.4.2 DO NOT crank a flooded engine with the spark plug removed on gasoline-powered engines. Fuel trapped in the cylinder will squirt out the spark plug opening.

1.4.3 DO NOT test for spark on gasoline-powered engines, if engine is flooded or the smell of gasoline is present. A stray spark could ignite fumes.

1.4.4 DO NOT use gasoline or other types of fuels or flammable solvents to clean parts, especially in enclosed areas. Fumes from fuels and solvents can become explosive.

1.4.5 ALWAYS keep area around muffler free of debris such as leaves, paper, cartons, etc. A hot muffler could ignite them, starting a fire.

1.4.6 ALWAYS replace worn or damaged components with spare parts designed and recommended by Tomahawk Power.

1.4.7 ALWAYS disconnect spark plug on machines equipped with gasoline engines, before servicing, to avoid accidental start-up.

1.4.8 ALWAYS keep machine clean and labels legible. Replace all missing and hard-to-read labels. Labels provide important operating instructions and warn of dangers and hazards.

1.4.9 ALWAYS check for damaged parts before each use. Carefully check that the trowel will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the trowel with a damaged part.

1.5 Chemical Handling



FOR USE WITH WATER-BASED OR WATERBORNE COMPOUNDS ONLY. DO NOT USE EQUIPMENT WITH SOLVENT-BASED OR EXPLOSIVE LIQUIDS. FAILURE TO COMPLY MAY CAUSE SERIOUS BODILY HARM OR DEATH. READ ALL CHEMICAL MANUALS BEFORE OPERATION.

1.5.1 ALWAYS wear eye protection when handling chemicals.

1.5.2 ALWAYS wear the proper protective equipment/clothing when handling chemicals. Proper protective equipment includes safety goggles or glasses, mask/respirator, and a long-sleeved shirt and long pants.

1.5.3 ALWAYS use mask to protect mouth and face from dust and/or pesticide when handling chemicals.

1.5.4 ALWAYS after spraying, wash hands and clothing immediately.

2. GENERAL INFORMATION

2.1 Design and Features

Tomahawk Motorized Fertilizer Spreaders are great for Year Round Use! Not just perfect for Spring and Summer Landscaping and Pest Control, but also an incredible Leaf Blower and Ice Melt solution during Autumn and Winter! Unlike ordinary spreaders, Tomahawk Motorized Spreaders are powered by a 63.3cc/3HP, 2 stroke engine that generates an extreme blowing force with 30ft of Horizontal Reach!

2.2 TOMAHAWK® Engine

The ultra-lightweight, 2-Stroke, 3HP engine efficiently delivers the power and performance that you'd expect from a larger engine – but in a very compact package

2.3 Specifications

Model	TGS30
Engine	3HP 2 Stroke Engine
Displacement	63.3 cc
Chemical Tank	4 gal (14l)
Fuel Capacity	1.1 qt
Horizontal Reach	30ft (9m)
Vertical Reach	15+ft (4.5+m)
Air Speed	220 MPH (354KPH)
Air Volume	490 CFM
MPA	1.0 - 2.5
Start Type	Recoil Cord
Fan Rotation Speed	7300 RPM
Weight	35 lbs (15.8kg)
Dimensions	21x17x26 in (53.3x43.1x66 cm)
Recommended Fuel	50:1 Pre-Mix (Not Included)

3. ASSEMBLY

3.1 Spreader Parts

Remove all parts from the packaging. You **will not** need all parts for this set up.

A Ribbed Tube

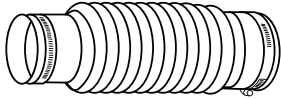
B Throttle Tube

C Extension Tube

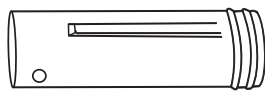
D Blower Tube

E Throttle Control Handle

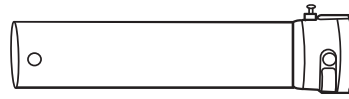
F Volume Control Lever



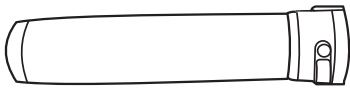
A



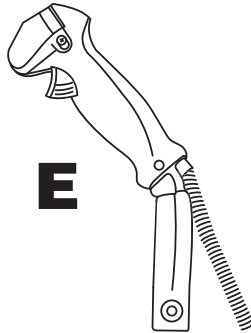
B



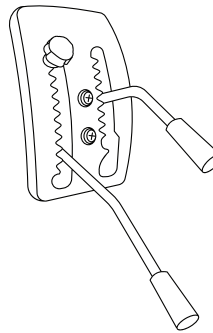
C



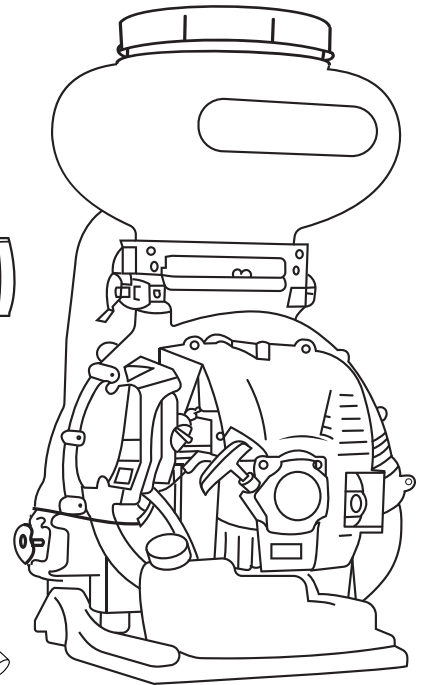
D



E



F



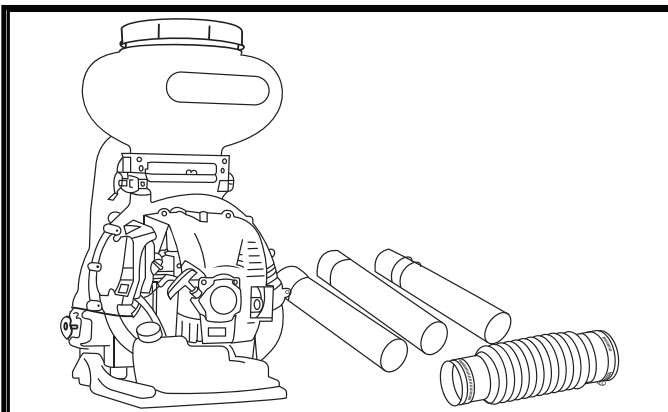
Additional Parts

Backpack Straps

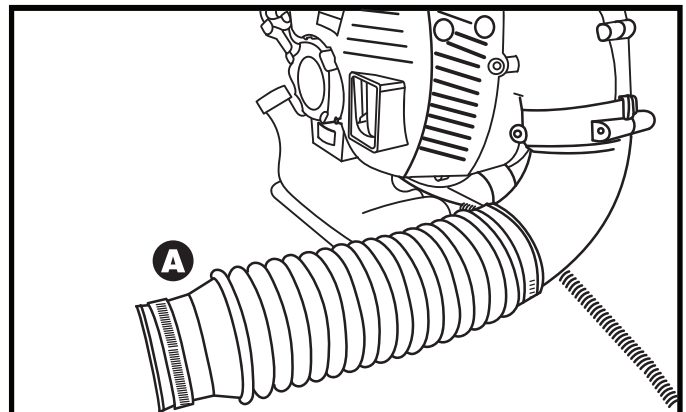
Tool Kit

Tube Clamps

3.2 Assembly Guide

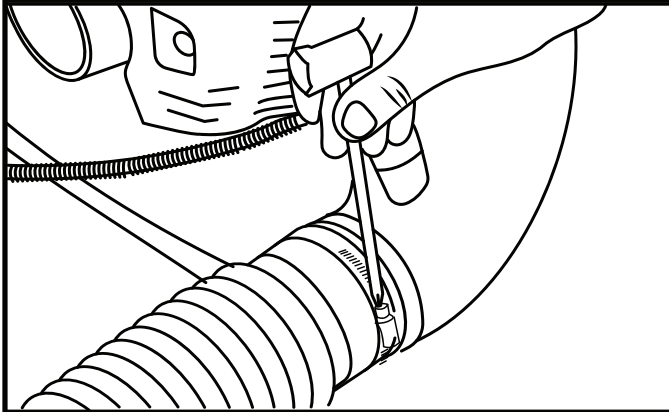


1 Remove all parts from the spreader box, including the tool kit bag.

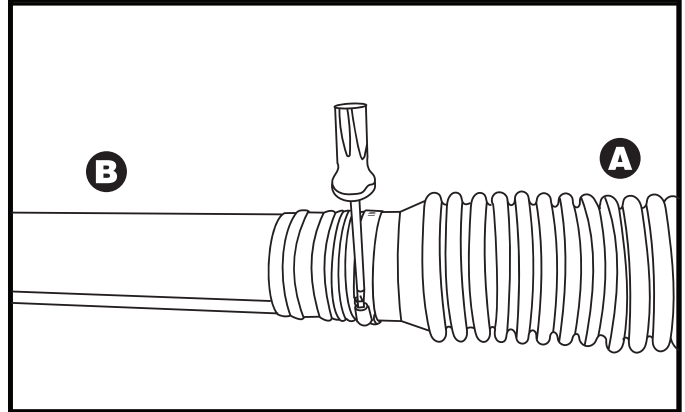


2 Attach the ribbed tube (A) to the spreader's blower elbow.

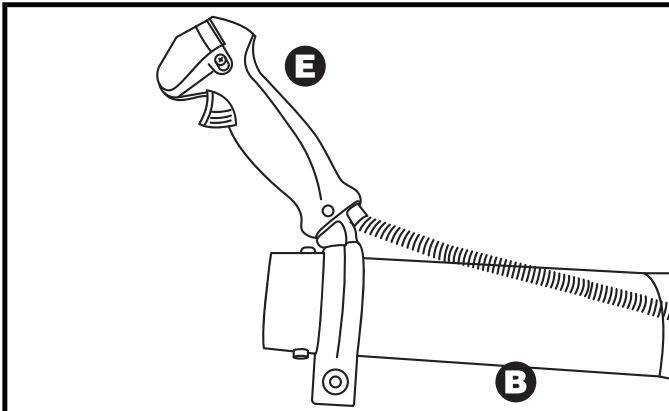
3.2 Assembly Guide Continued



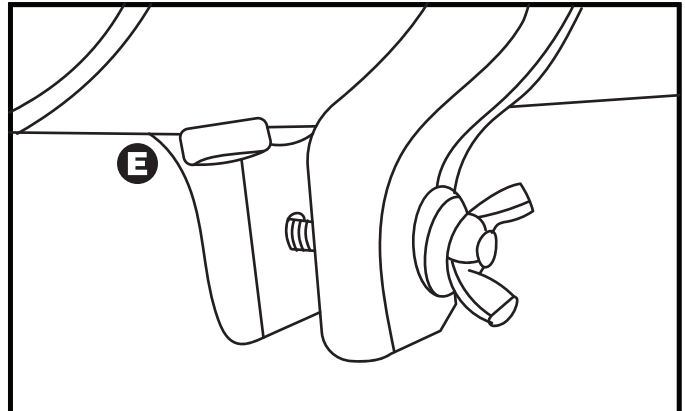
3 Secure the ribbed tube (A) with a hose clamp to the spreader's blower elbow.



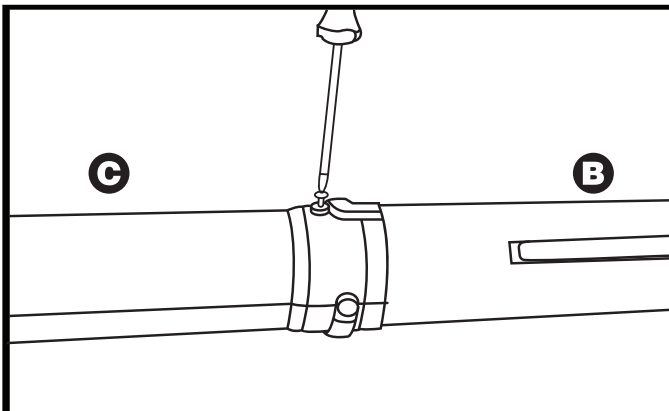
4 Attach the throttle tube (B) and secure it to the ribbed tube (A) with a hose clamp.



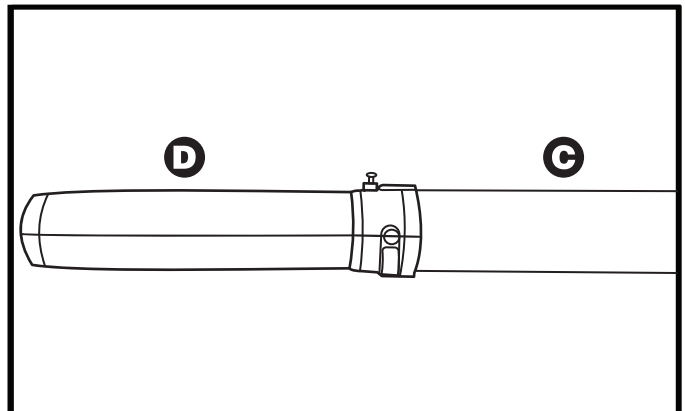
5 Slide the throttle control handle (E) over the throttle tube (B)



6 Fasten the base of the throttle control handle (E) with the wing nut.

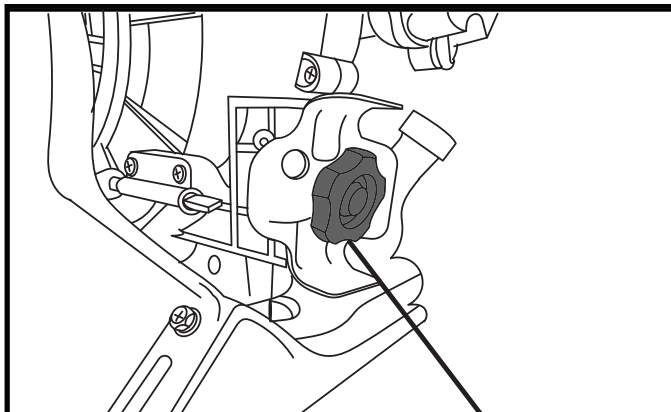


7 Attach the extension tube (C) and secure it to the throttle tube (B) with a hose clamp.

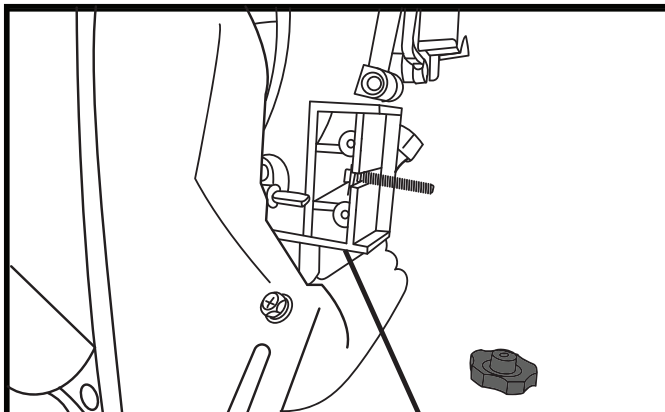


8 Attach the blower tube (D) and secure it to the extension tube (C) with a hose clamp.

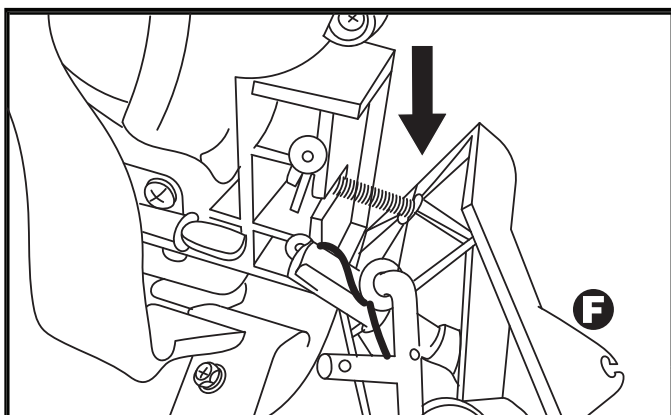
3.2 Assembly Guide Continued



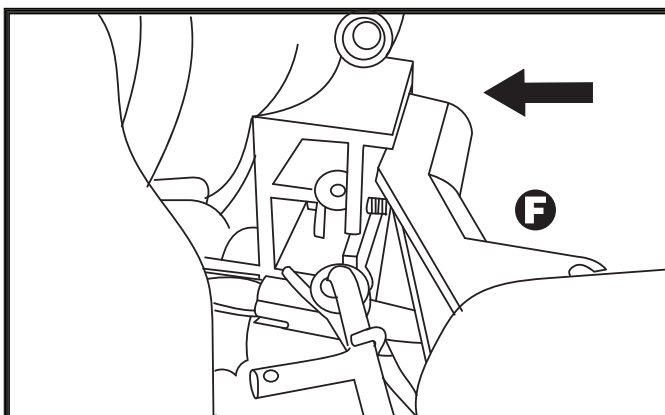
9 Locate the volume lever assembly behind the fuel tank.



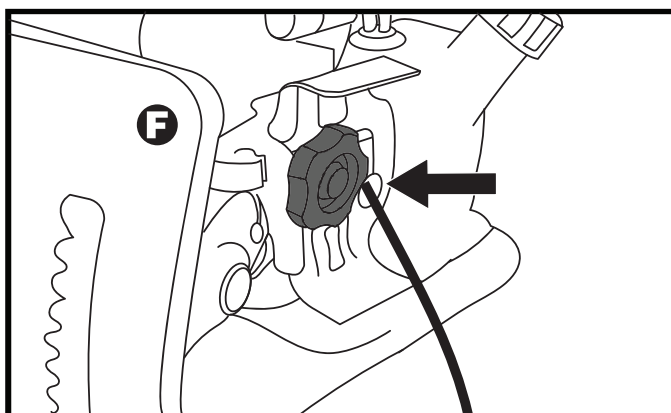
10 Remove the knob to access the bolt.



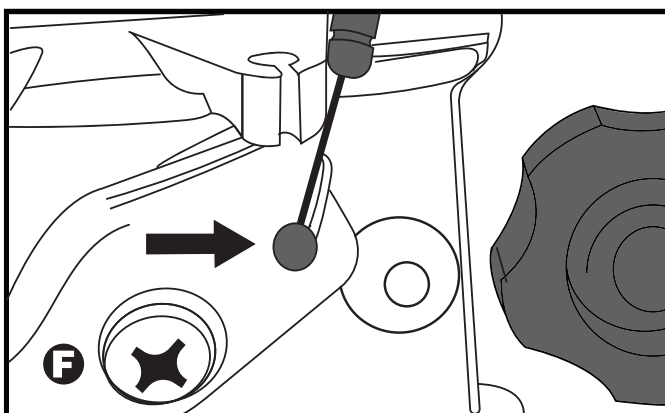
11 Push the bolt through the back of the volume control lever (F).



12 Align the volume control lever's slot (F) into place and line up the housing.

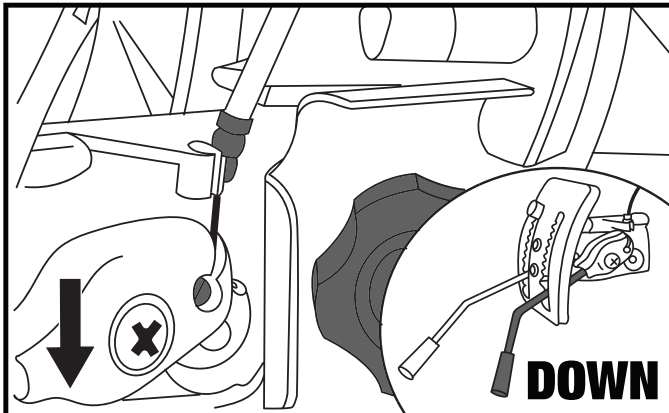


13 Thread the throttle cable through the hole in the volume lever assembly and fasten the knob.

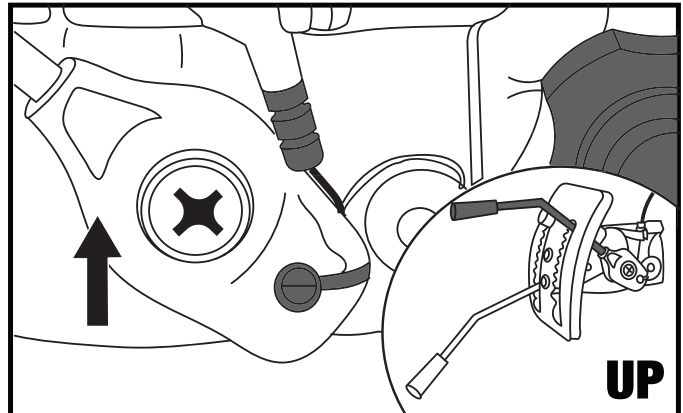


14 Press the throttle cable's end into the slot of the volume lever (F).

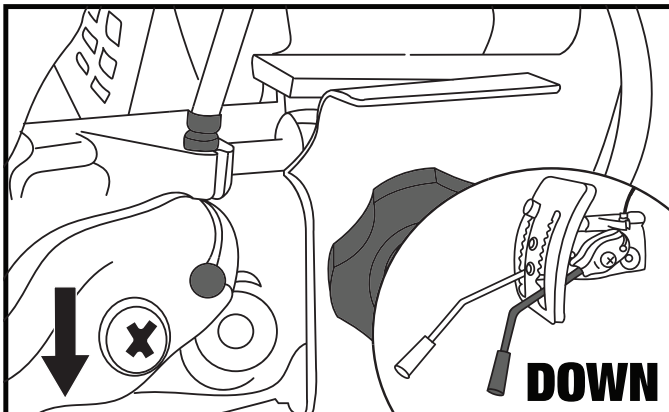
3.2 Assembly Guide Continued



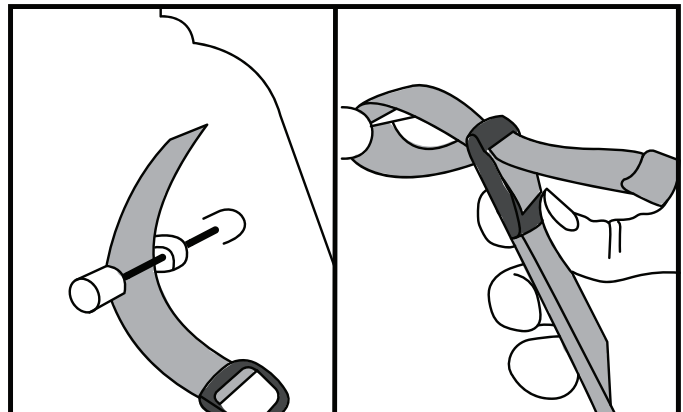
15 Move the STOP LEVER down to lock the throttle cable into the lower channel.



16 Move the STOP LEVER up to lock the throttle cable into the upper channel.



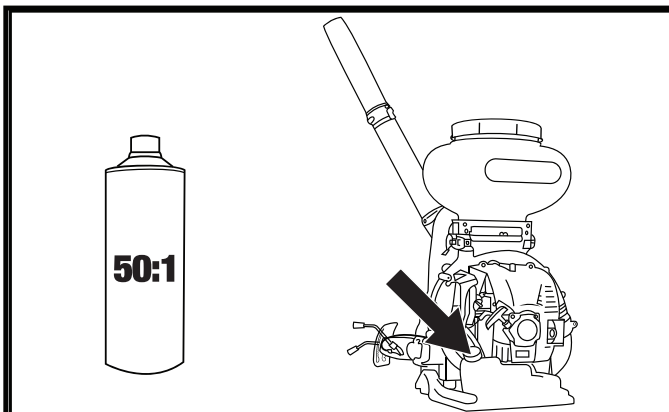
17 Move the STOP LEVER down to lock the throttle cable into the last channel.



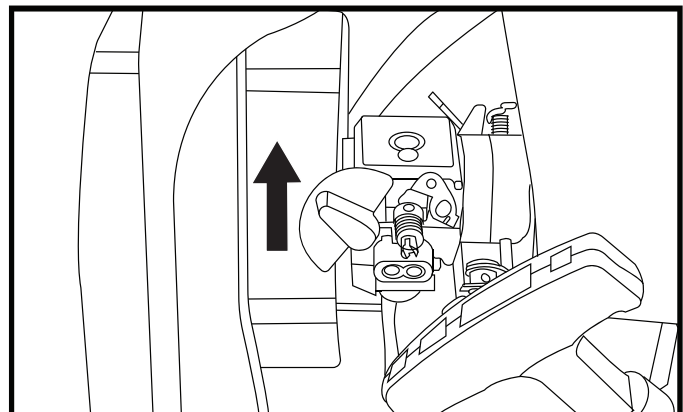
18 To attach the straps, feed the end through the metal bar and down through the buckle.

4. OPERATION

4.1 Start Up Guide

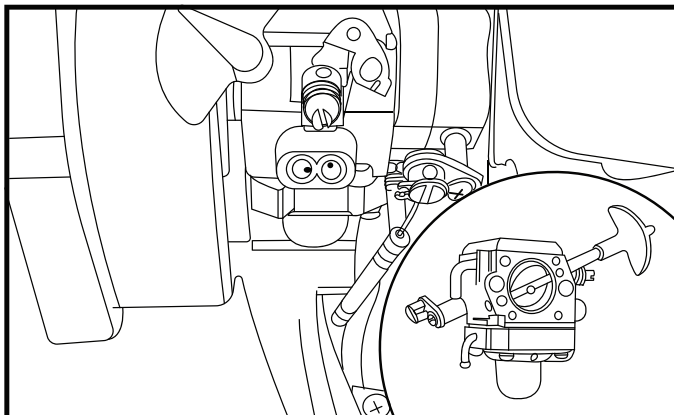


1 Fill the spreader's fuel tank with 50:1 pre-mixed fuel.

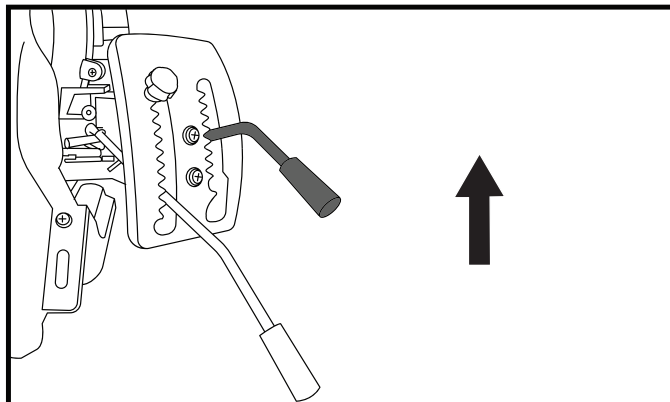


2 Turn the choke to the UP position.

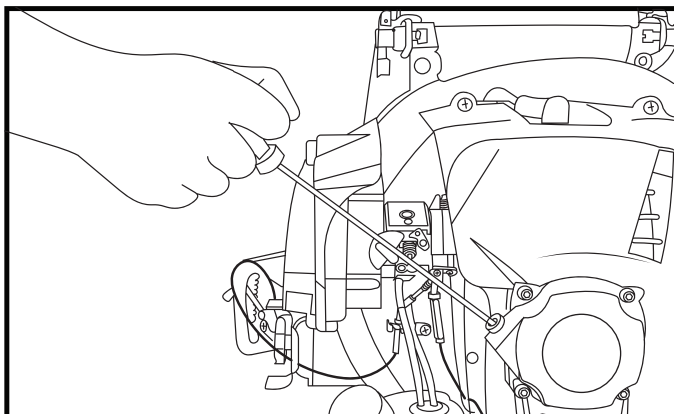
4.1 Start Up Guide Continued



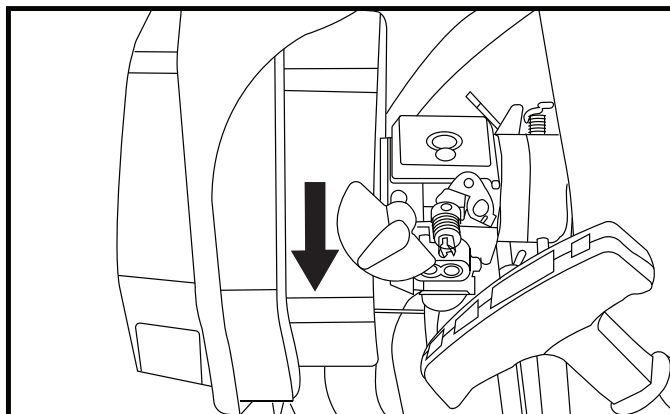
3 Press the fuel injection bulb 3-5 times or until fuel is seen flowing through the fuel lines.



4 Move the STOP LEVER up. Keep the DUST LEVER down.*



5 Pull the engine's recoil starter cord until the engine starts.



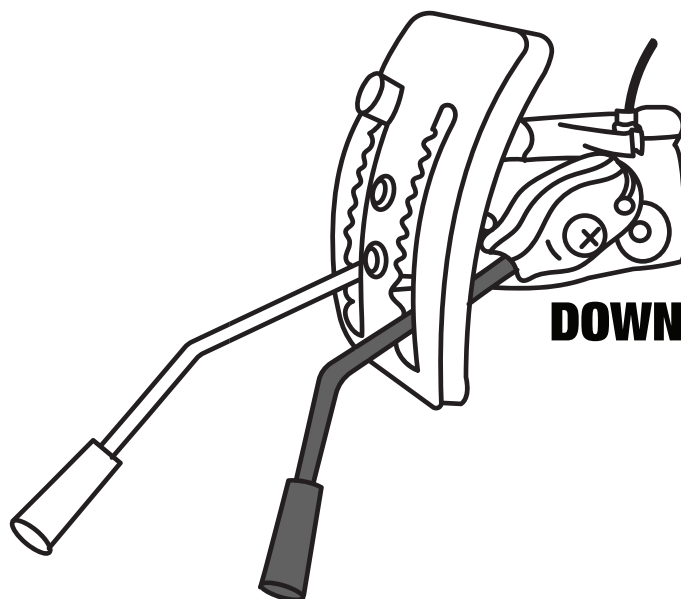
6 Turn the choke to the DOWN position.



*If the DUST LEVER is raised up during start up, any material in the tank will be released and may be wasted.

4.2 Stopping the Engine

4.2.1 Lower the STOP LEVER down.

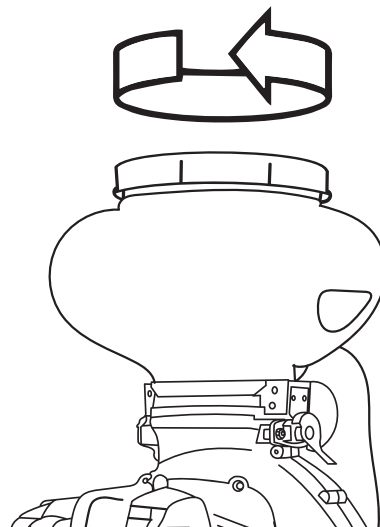
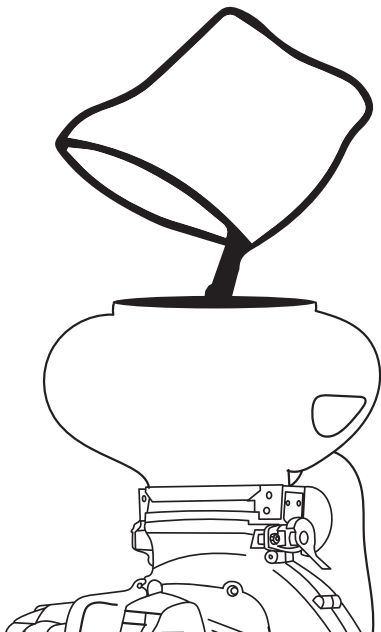


4.3 Filling the Tank

4.3.1 Keep the Dust Lever Down

4.3.2 Remove the lid and pour the chemical in the tank, being careful not to spill it on the outside. Only fill the tank with the amount to be spread.

4.3.3 Fasten the lid on the tank. If the lid is loose, it may affect the operation.



4.4 Spreading

4.4.1 Using the throttle handle will control the speed of the engine - to adjust the distance and spread of the granules spread.

4.4.2 Using the dust lever adjusts the amount granular chemicals that leave the tank. In the down position no granular chemicals will spread. In the up position the maximum amount of granular will enter through the fertilizer spreader

NOTE: At full throttle the spreader with the lever all the way up the this product will spread up to 38lbs of fertilizer/ small granular per minute.

5. TRANSPORTATION & STORAGE

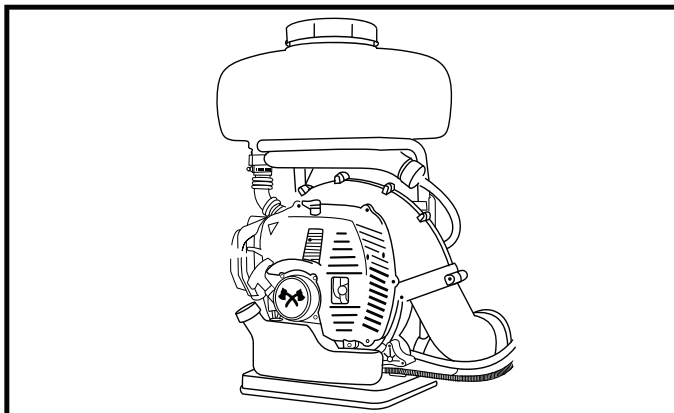
5.1 Empty the tank of all chemicals and flush the system and hoses with 2 tanks of clean water.

5.2 Secure the equipment during transportation in order to avoid transport damage.

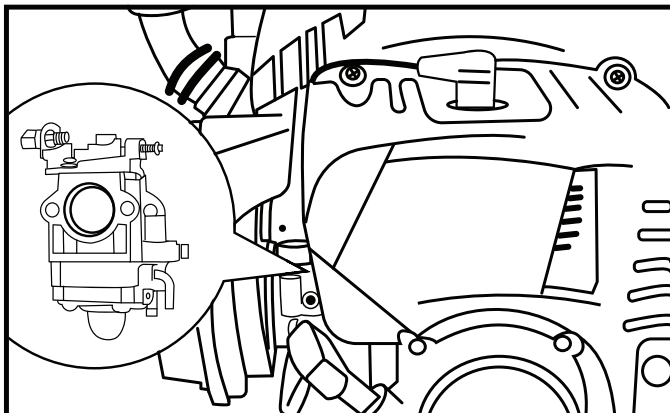
5.2 For longer storage periods, drain the fuel tank and run the engine until it stalls to eliminate any remaining fuel in the carburetor. Apply a light coat of oil to the cylinder and spark plug hole.

5.3 ALWAYS Store the equipment upright, in a lockable, dry area - out of reach of children and unauthorized persons.

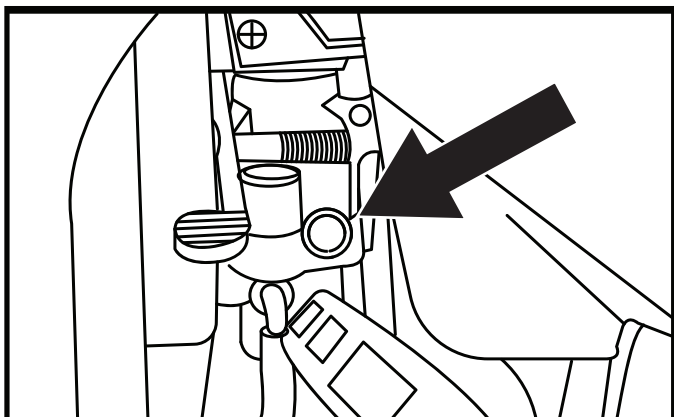
6. CARBURETOR ADJUSTMENT GUIDE CONTINUED



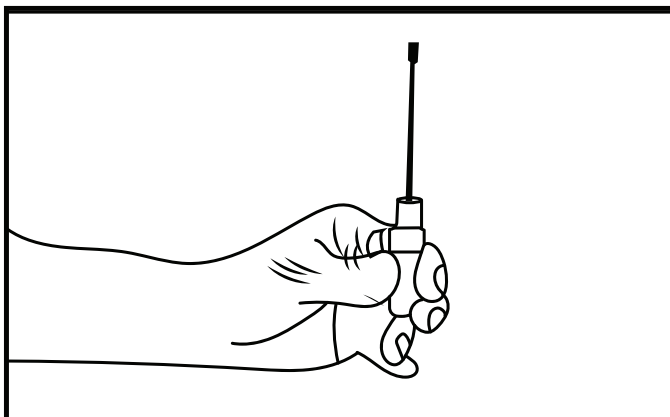
1 If your spreader engine is bogging down or only runs with the choke open, follow these steps.



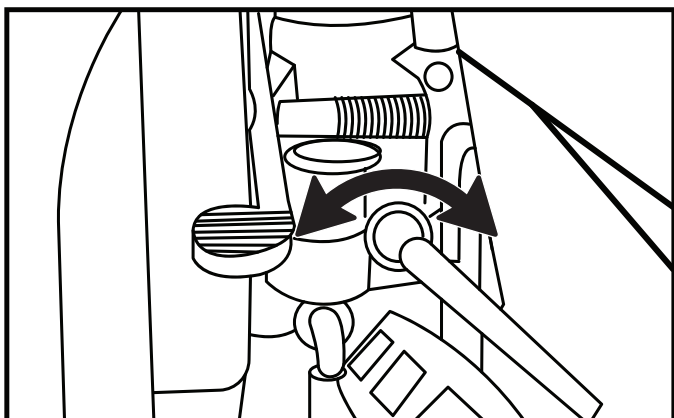
2 Identify the engine's carburetor in between the engine cover and air filter.



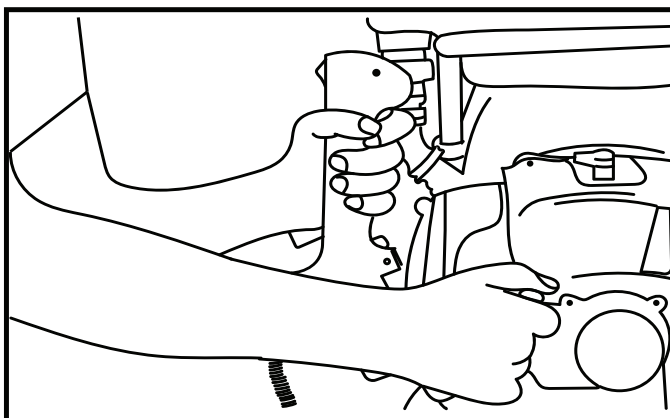
3 Tune up your carburetor by adjusting the keyhole. (pictured above)



4 Use the carburetor adjustment tool* to tune the carburetor while the engine is running.



5 Turn the tool to the left or right until the engine is running correctly.



6 Use the spreader's throttle handle to listen for a high pitch, steady hum & find the right speed.

*Carburetor adjustment tool not included. Visit www.tomahawk-power.com for carburetor adjustment tools and a wide assortment of attachments and spraying nozzles.

7. REPLACEMENT PARTS

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

7.2 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.

7.3 When ordering parts, the following will be required: equipment model number, serial number/lot, date code, and description. The distributor reserves the right to make design changes and/or improvements to equipment, parts, accessories, and manuals without notice.

8. 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:

8.1 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.

8.2 Alterations, additions or repairs carried out by persons other than TOMAHAWK® or their recognised agents.

8.3 Transportation or shipment costs to and from TOMAHAWK® or their recognised agents, for repair or assessment against a warranty claim, on any machine.

8.4 Materials and/or labor costs to renew, repair or replace components due to fair wear and tear.

8.5 TOMAHAWK® and/or their recognized 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.

9. MAINTENANCE

Maintain the equipment in accordance with the following recommended procedures. Refer to the engine manufacturer's instruction manual for additional information about engine maintenance. The following chart is based on a normal operation schedule.

	DAILY BEFORE STARTING	AFTER FIRST 20 HOURS OR 3 MONTHS	AFTER FIRST 50 HOURS OR 6 MONTHS	AFTER FIRST 100 HOURS OR EVERY YEAR	AFTER FIRST 200 HOURS OR EVERY 2 YEARS
Check the fuel level	●				
Inspect chemical tank & hoses	●				
Inspect the fuel lines	●				
Inspect the air filter and replace if needed	●				
Check and tighten the external hardware	●				
Flush pump and hoses with clean water to clear system.	●				
Clean the air filter		●	●		
Change the engine oil			●		
Check and clean the spark plug			●		
Clean the fuel strainer				●	
Check and adjust the valve clearance					●
Clean the cylinder head					●
Replace the spark plug					●

10. TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
<i>Fails to Start</i>	Failed to push fuel-injecting pump	Push fuel-injecting pump until fuels runs through lines
	Water mixed with fuel	Replace the fuel
	Deterioration of spark plug or carbon build up	Replace the spark plug
	Bad contact between spark plug and lead wire	Check the spark plug
<i>It starts but cannot run at high speed</i>	The choke is the fully open	Open to full position
	Wrong ratio of fuel	Replace
	Water In Fuel	Replace the fuel
<i>It runs but does not work efficiently</i>	The air filter is dirty	Check and clean
	Outlet of cylinder and muffler are dirty	Remove the dirt
	Piston, piston ring, and/or cylinder have been worn	Replace
<i>Stops while running</i>	Fuel is out	Add fuel (50:1 premix)
	The lead wire of the plug is loose	Check and replace
	Spark plug is covered with carbon	Replace the spark plug
	The filter is clogged	Clean
	Water in fuel	Replace fuel (50:1 premix)
	Engine bogging down	Adjust carburetor

10. TROUBLESHOOTING CONTINUED

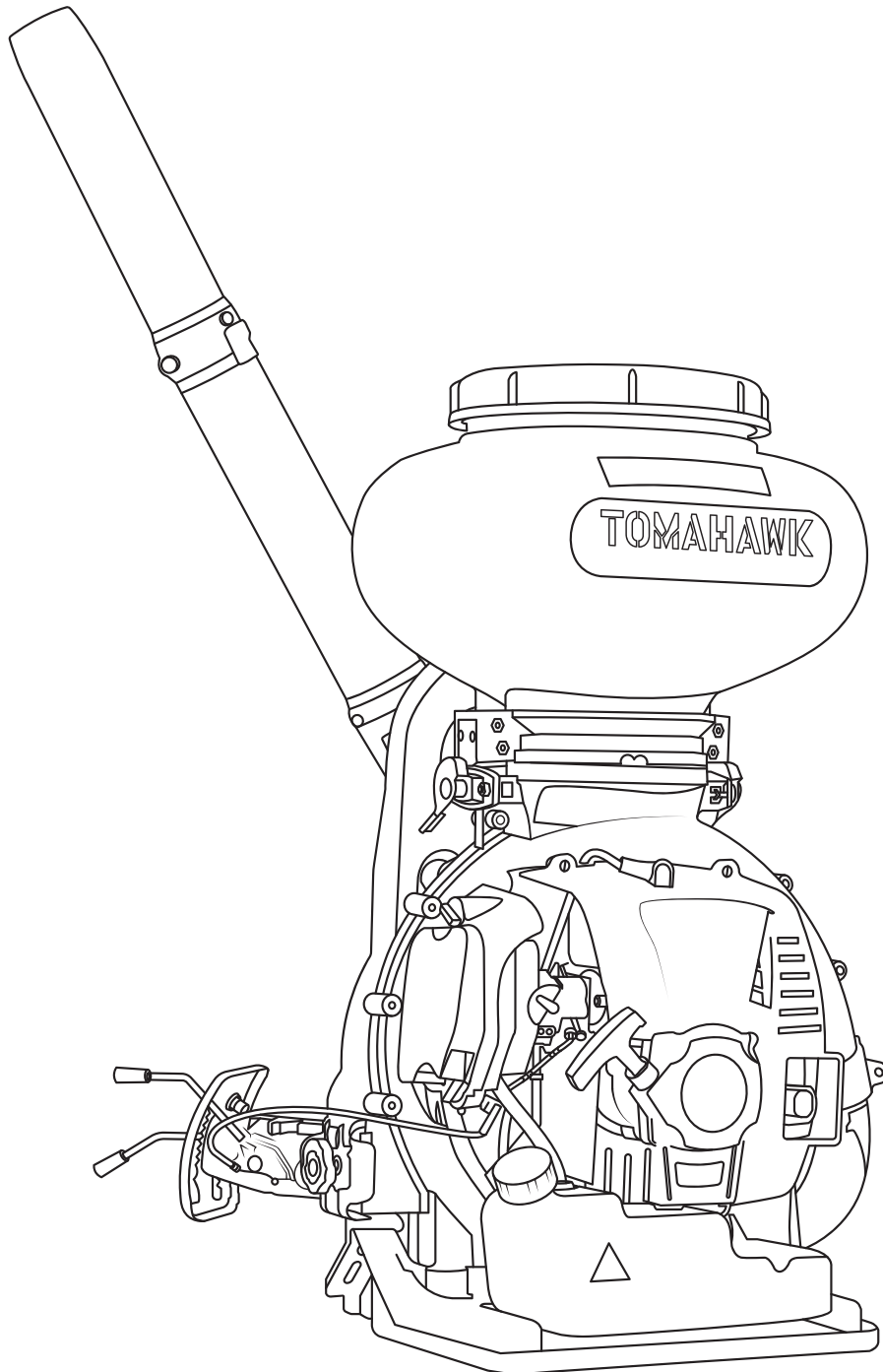
PROBLEM	CAUSE	SOLUTION
<i>Liquid does not spray out</i>	Inlet and/or outlet valves are blocked	Replace or Clean
	Washer is damaged	Replace
	Bearing is damaged	Replace
	Piston is damaged	Replace
<i>(If using the Liquid Tank Adapter) Low spraying or no pressure</i>	Not enough pressure	Regulate
	Not enough elastic force regulating spring	Replace
	Corrosion resistant steel ball worn	Replace
	Turbo boost pump broken	Replace
<i>Pressure is fine but spraying is low</i>	Piston is worn	Replace
	Piston running distance is not enough	Replace
	Inlet valve and outlet valve are worn	Replace
	Spraying parts are clogged	Clean
<i>Spraying mist is low</i>	The holes of spraying sheet are worn	Replace
	Spraying parts are clogged	Clean

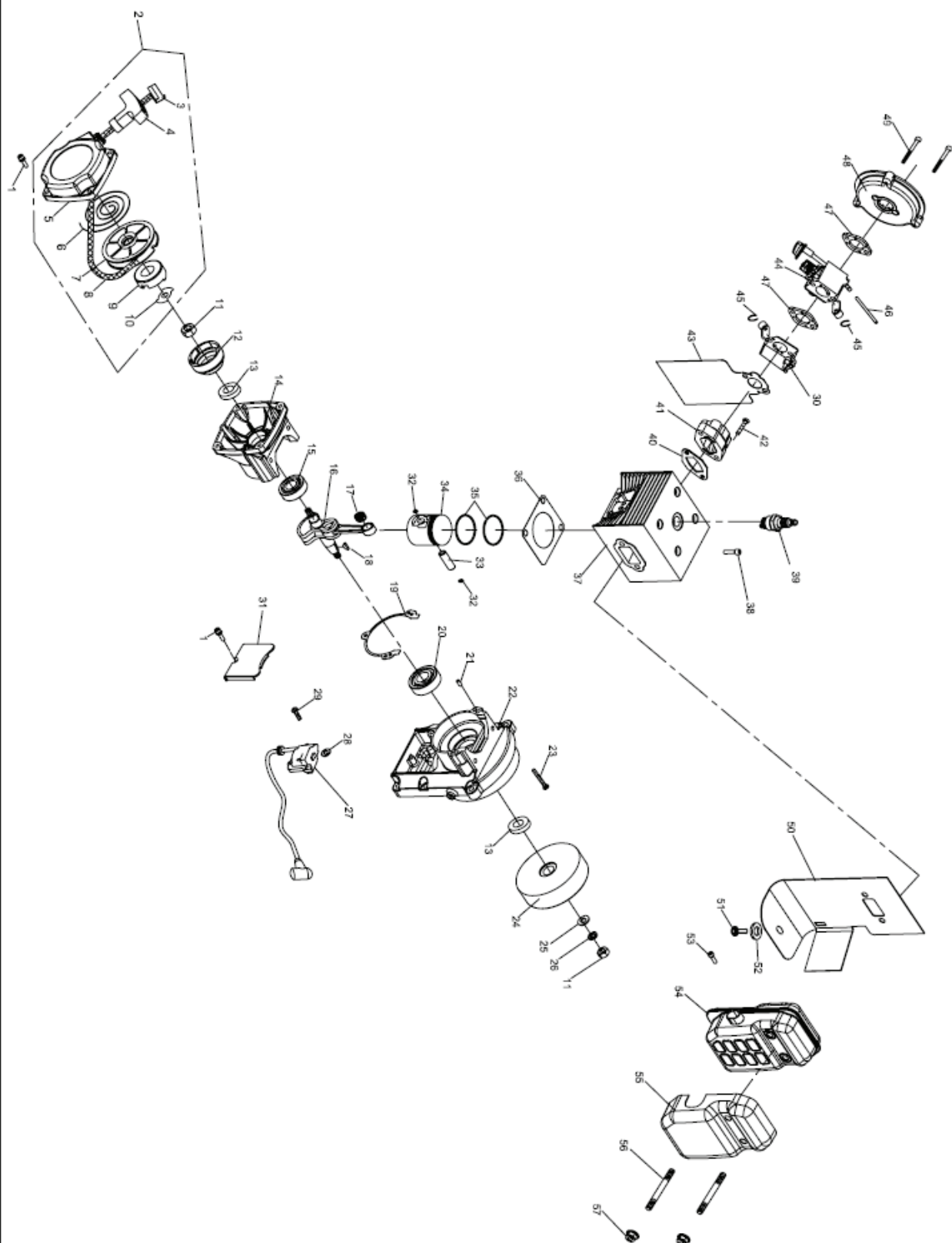
TOMAHAWK

4 GALLON FERTILIZER SPREADER

MODEL NUMBER: TGS30

Parts Manual





ENGINE GROUP

NO.	Part NO.	Part Name	Qty.
1	GB70.1+GB93+GB97	SCREW M5×16	5
2	EB-800-E.1.7	STARTER ASSY	1
3	1E40FP-3Z.4-10	.KNOB CAP	1
4	1E40FP-3Z.4-2	.KNOB	1
5	EB-800-E.1.7-1	.CASE	1
6	1E40FP-3Z.4-7	.SPRING	1
7	EB-800-E.1.7-3	.REEL	1
8	3.8×800	.ROPE	1
9	1E46FP-3.3-1	.WHEEL	1
10	EB-800-E.1.7-2	.GUIDE SLICE	1
11	GB/T 6171	NUT M10×1	2
12	EB-800-E.1.5	START REEL	1
13	1E40FP-3Z-11	SEAL	2
14	1E54FP.2-2	BACK CANKCASE	1
15	GB/T 276	BEARING 6202/P6	1
16	EB-800-E.1.5.1	CRANKSHAFT	1
17	6MF-30.1.4-3	BEARING	1
18	GB 1099	KEY 3×5×13	1
19	1E54FP.2-1	GASKET	1
20	GB/T 276	BEARING 6203	1
21	GB119	PIN 4h8×10	2
22	EB-800-E.1.4-1	FRONT CANKCASE	1
23	GB70	SCREW M5×35	3
24	1E46FP.1.1-	FLYWHEEL	1
25	GB97	WASHER 10	1
26	GB93	WASHER 10	1
27	EB-800-E.1.9	MAGNETO	1
28	P40-5	WASHER	2
29	GB9074.13	SCREW M4×20	2
30	EB-800-E.1.10	BLOCK	1
31	EB-800-E.1-3	SHIELD	1
32	1E58FL.6-5	RING	2
33	6MF-30.1.4-2	PISTON PIN	1
34	EB-800-E.1.5-1	PISTON	1
35	1E53FP.4-2	PISTON RING	2
36	EB-800-E.1-7	GASKET	1
37	EB-800-E.1.3	CYLINDER ASSY	1
38	GB70	SCREW M6×20	4
39	BPMR7A	SPARK PLUG	1
40	EB-800-E.1-2	GASKET	1
41	EB-800-E.1.2	INSULATOR	1
42	GB70.1+GB93+GB97	SCREW M5×25	2
43	EB-800-E.1-1A	GASKET	1

ENGINE GROUP

NO.	Part NO.	Part Name	Qty.
1	GB70.1+GB93+GB97	SCREW M5×16	5
2	EB-800-E.1.7	STARTER ASSY	1
3	1E40FP-3Z.4-10	.KNOB CAP	1
4	1E40FP-3Z.4-2	.KNOB	1
5	EB-800-E.1.7-1	.CASE	1
6	1E40FP-3Z.4-7	.SPRING	1
7	EB-800-E.1.7-3	.REEL	1
8	3.8×800	.ROPE	1
9	1E46FP-3.3-1	.WHEEL	1
10	EB-800-E.1.7-2	.GUIDE SLICE	1
11	GB/T 6171	NUT M10×1	2
12	EB-800-E.1.5	START REEL	1
13	1E40FP-3Z-11	SEAL	2
14	1E54FP.2-2	BACK CANKCASE	1
15	GB/T 276	BEARING 6202/P6	1
16	EB-800-E.1.5.1	CRANKSHAFT	1
17	6MF-30.1.4-3	BEARING	1
18	GB 1099	KEY 3×5×13	1
19	1E54FP.2-1	GASKET	1
20	GB/T 276	BEARING 6203	1
21	GB119	PIN 4h8×10	2
22	EB-800-E.1.4-1	FRONT CANKCASE	1
23	GB70	SCREW M5×35	3
24	1E46FP.1.1-	FLYWHEEL	1
25	GB97	WASHER 10	1
26	GB93	WASHER 10	1
27	EB-800-E.1.9	MAGNETO	1
28	P40-5	WASHER	2
29	GB9074.13	SCREW M4×20	2
30	EB-800-E.1.10	BLOCK	1
31	EB-800-E.1-3	SHIELD	1
32	1E58FL.6-5	RING	2
33	6MF-30.1.4-2	PISTON PIN	1
34	EB-800-E.1.5-1	PISTON	1
35	1E53FP.4-2	PISTON RING	2
36	EB-800-E.1-7	GASKET	1
37	EB-800-E.1.3	CYLINDER ASSY	1
38	GB70	SCREW M6×20	4
39	BPMR7A	SPARK PLUG	1
40	EB-800-E.1-2	GASKET	1
41	EB-800-E.1.2	INSULATOR	1
42	GB70.1+GB93+GB97	SCREW M5×25	2
43	EB-800-E.1-1A	GASKET	1

ENGINE GROUP			
NO.	Part NO.	Part Name	Qty.
44	EB-800-E.1.1	CARBURETOR	1
45	GB 894	RING 8	2
46	CG420.1.3.2-2	FULE TUBE	100mm
47	6MF-30.1-6	GASKET	2
48	EB-800-E.2-7	INSIDE COVER	1
49	GB70.1+GB93+GB97	SCREW M5×80	2
50	EB-800-E.1-4A	GASKET	1
51	GB70	SCREW M5×8	1
52	GB96	WASHER 5	1
53	GB70.1+GB93+GB97	SCREW M5×12	1
54	EB-800-E.1.6	MUFFLER	1
55	EB-800-E.1.8	SHIELD	1
56	1E40F-5-13C	BOLT	2
57	GB6187.1	NUT M8	2

TANK AND BLOWER GROUP

NO.	Part NO.	Part Name	Qty.
1	3WF-20.9-2	SCREW M5×16	4
2	EB-800-E-4	ENGINE COVER	1
3	3WFB-30.8-1	SUPPORTING PLATE	1
4	EB-415.4.2-2	VITTA PLUG	3
5	EB-500-E.4	FULE TANK ASSY	1
6	EB-500-E.4-1	.FULE TANK	1
7	P40.12.2-3A	.FILTER	1
8	CG420.1.3.2-2	.FULE TUBE	350mm
9	EB-415.4.2-4	.FULE TUBE	180mm
10	1E32FL.6.2	.CAP ASSY	1
11	CG420.1.3.2-2	FULE TUBE	100mm
12	EB-415.4.2-4	FULE TUBE	80mm
13	EBV260-3E.1.9.2A	JOINT	2
14	GB/T 818	SCREW 6×12	2
15	GB/T 96	WASHER 6	10
16	GB/T 6177	NUT M6	8
17	3WFB-30-5	FRAME BASE	1
18	3F-30.17	SUPPORT COLUMN	2
19	EB-800-E-5	SUPPORT PLATE	1
20	3WF-20A-1	SUPPORT PLATE	1
21	3WF-20.9-1	SCREW 5×10	4
22	GB70.1+GB93+GB848	SCREW 6×25	6
23	3WFB-30.1	FAN ASSY	1
24	EB-650.7-1	.EBLOW	1
25	GB/T 818	.SCREW 5×70	2
26	3WFB-30.1.1	.VOLUTE CASE	1
27	3WFB-30.1.3	.IMPELLER	1
28	3WFB-30.1-1	.SEALING STRIP	1
29	GB/T 845	.SCREW ST4.2×19	10
30	3WFB-30.1.2	.VOLUTE COVER	1
31	GB/T 889.1	.NUT M5	2
32	3WFB-30.3.1	LEAK PIPE ASSY	1
33	3WFB-30.3-1	SEALING WASHER	1
34	3WFB-30.5	RIGHT LOCKING HANDLE ASSY	1
35	3F-30.12	RUBBER PILLAR	2
36	GB/T 5782	SCREW 6×16	4
37	3WFB-30.4	LEFT LOCKING HANDLE ASSY	1
38	GB/T 6170	NUT M6	4
39	GB70.1+GB93+GB97.1	SCREW 5×35-10.9	4
40	3WF-3S.3.1-4	PLASTIC TIE-IN	1
41	3WF-3S.3A	PUMP ASSY	1
42	GB9074.4	SCREW 4×10	3
43	GB9074.13	SCREW 6×25	4

TANK AND BLOWER GROUP

NO.	Part NO.	Part Name	Qty.
44	3WFB-30-2	FRAME	1
45	3WFB-30.10	PAD	1
46	3WF-2.6B-2	CLIP	4
47	EB-500-E.3	BAND ASSY	2
48	EB-650-E.5-1	PIPE	1
49	EB-650.7-3	PIPE	1
50	EB-650.7.1	PIPE	1
51	JB8870	φ59-φ82	1
52	3F-30.18-3	HOSE	1
53	JB8870	φ78-φ101	1
54	GB5783	BOLT M6×45	1
55	EB-650.7.2-1A	HANDLE	1
56	GB/T 62	NUT M6	1
57	EB-800-E-CZHZZ	LEVER SET	1
58	BC36.3.1	.STOP SWITCH	1
59	EB-800-E.6	.CABLE	1
60	3WF-16.3.2-1	.TUBE	1
61	GB/T 846	.SCREW ST2.9×13	1
62	BL750.3-9	.PUSH BUTTION	1
63	BL750.3-7	.SPRING	1
64	CG330B-3E.2.1.2	.LEFT MANIPULATOR	1
65	BL750.3-8	.PIN	1
66	BL750.3-2	.SPRING	1
67	BL750.3-3	.LEVER	1
68	BL750.3-4	.LEVER,throttle	1
69	BL750.3-1	.LONG SPRING	1
70	CG330B-3E.2.1-1	.RIGHT MANIPULATOR	1
71	GB/T 845	.SCREW ST2.9×18	3
72	GB/T 70.1	.SCREW M5×30	1
73	GB/T 889	.NUT M5	1
74	3WF-3.17.1-2	TANK CAP	1
75	3WF-3.17.1-1	AIR VALVE	1
76	3WF-3.17.1-3	SEALING WASHER	1
77	3WFB-30E.1.1-1	CHMICAL TANK	1
78	GB/T 5782	BOLT M6×30	2
79	QWMB12.2.2-5	SPRING	2
80	GB/T97	WASHER 6	2
81	3WFB-30.2.2-4	LEAKPLATE	1
82	3WFB-30.2-1	CLAMP	2
83	GB/T6170	NUT M6	4
84	3WFB-30.2.2-5	SEALING WASHER	1
85	3WFB-30.2-2	FIX PIECE	2
86	GB/T 819	SCREW 5×10	4
87	3WFB-30.2.2-1	DUSTING PLATE	1
88	3WFB-30.3-12	PLUG	1
89	GB/T818	SCREW 4×10	2

TANK AND BLOWER GROUP

NO.	Part NO.	Part Name	Qty.
90	3WFB-30.2.2.1	PLATE	1
91	3WFB-30.2.2-3	ROCKER SHAFT	1
92	GB/T 3452.1	SEALING WASHER 6.9×1.8	1
93	GB/T 70.1	SCREW M6×45	4
94	3WF-2.6A-2	PIN	1
95	3WFB-30.7-3	PILLING ROD	1
96	GB/T 6170	NUT M5	3
97	3WF-3-15A	CONNECTOR	1
98	3WF-2.6.7-6	PLATE	1
99	3WFB30.7.2	CONNECTING ROD ASSY	1
100	3WFB30.7-2	PIN SHAFT	1
101	3WF-28.3.3	SCREW	1
102	3WFB-30.7-1	CONNECTING BEAM	1
103	3WF-28.3-3	ARMOR PLATE	1
104	3WF-28.1.2	HANDLE	1
105	GB/T 9074.4	SCREW M5×16	2
106	3WF-28.3.4	NUT	1
107	GB/T 97	WASHER 8	1
108	3WF-28.3-8	SPRING	1
109	3WF-28.3-7	SCREW	1
110	3WF-28.3-2	CRADUATOR	1
111	CG328B.1.1-4	TUBE	270mm
112	3F-30.6-2	HANDLE	1
113	3WF-28.3.2	DUST ROD	1

12. CALIFORNIA AND FEDERAL EMISSION CONTROL WARRANTY STATEMENT YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board, the United States Environmental Protection Agency and Tomahawk Power, LLC are pleased to explain the emissions control system warranty on your 2023-2024 small engine/equipment (SORE). In the United States and California, new small engine/equipment must be designed, built and equipped to meet the State's stringent anti-smog standards. Tomahawk Power, LLC must warrant the emissions control system on your small engine/equipment for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your small engine/equipment.

Your emission control system may include parts such as the carburetor, fuel-injection system, the ignition system, catalytic convertor, fuel tanks, fuel lines, fuel caps, valves, canisters, filters, vapor hoses, belts, clamps, connectors, and other associated emission-related components. For engines less than or equal to 80 cc, only the fuel tank is subject to the evaporative emission control warranty requirements of this section.

(California Only)

Where a warrantable condition exists, Tomahawk Power, LLC will repair your small off- road engine/equipment at no cost to you including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE:

The emissions control system is warranted for two years. If any emissions-related part on your small engine/equipment is defective, the part will be repaired or replaced by Tomahawk Power, LLC

OWNER'S WARRANTY RESPONSIBILITIES:

As the small engine/equipment owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Tomahawk Power, LLC recommends that you retain all receipts covering maintenance on your small engine/ equipment, but Tomahawk Power, LLC cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

As the small engine/equipment owner, you should however be aware that Tomahawk Power, LLC may deny your warranty coverage if your small engine/equipment or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your small engine/equipment to distribution center or service center authorized by Tomahawk Power, LLC as soon as the problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact Tomahawk Power, LLC customer service representative at 1-866-577-4476 or Email: support@tomahawk-power.com .

DEFECTS WARRANTY REQUIREMENTS

(a) The warranty period begins on the date the small engine/equipment is delivered to an ultimate purchaser.

(b) General Emissions Warranty Coverage. Tomahawk Power, LLC warrants to the ultimate purchaser and each subsequent owner that the engine/equipment is:

(1) Designed, built, and equipped so as to conform with all applicable regulations adopted by the Air Resources Board; and

(2) Free from defects in materials and workmanship that causes the failure of a warranted part for a period of two years.

(c) Subject to certain conditions and exclusions as stated below, the warranty on emissions related parts is as follows:

(1) Any warranted part that is not scheduled for replacement as required maintenance in your Owner's Manual is warranted for the warranty period stated above. If the part fails during the period of warranty coverage, the part will be repaired or replaced by Tomahawk Power, LLC according to Subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the period.

(2) Any warranted part that is scheduled only for regular inspection in your Owner's Manual is warranted for the warranty period stated above. Any such part repaired or replaced under warranty will be warranted for the remaining warranty period.

(3) Any warranted part that is scheduled for replacement as required maintenance in your Owner's Manual is warranted for the period of time before the first scheduled replacement date for that part. If the part fails before the first scheduled replacement, the part will be repaired or replaced by Tomahawk Power, LLC according to Subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the period prior to the first scheduled replacement point for the part.

(4) Repair or replacement of any warranted part under the warranty provisions herein must be performed at a warranty station at no charge to the owner.

(5) Notwithstanding the provisions herein, warranty services or repair will be provided at all of our distribution centers that are franchised to service the subject small engine/equipment.

(6) The small engine/equipment owner must not be charged for diagnostic labor that leads to the determination that a warranted part is in fact defective, provided that such diagnostic work is performed at a warranty station.

(7) Tomahawk Power, LLC is liable for damages to other small engine/equipment components proximately caused by a failure under warranty of any warranted part.

(8) Throughout the small engine/equipment warranty period stated above, Tomahawk Power, LLC will maintain a supply of warranted parts sufficient to meet the expected demand for such parts.

(9) Any replacement part may be used in the performance of any warranty maintenance or repairs and must be provided without charge to the owner. Such use will not reduce the warranty obligations of Tomahawk Power, LLC

(10) Add-on or modified parts that are not exempted by the Air Resources Board may not be used. The use of any non-exempted add-on or modified parts by the ultimate purchaser will be grounds for disallowing a warranty claims. Tomahawk Power, LLC will not be liable to warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part.

(11) The manufacturer issuing the warranty shall provide any documents that describe that manufacturer's warranty procedures or policies within five working days of request by the Air Resources Board.

EMISSION WARRANTY PARTS LIST

The repair or replacement of any warranted part otherwise eligible for warranty coverage may be excluded from such warranty coverage if Tomahawk Power, LLC demonstrates that the small engine/equipment has been abused, neglected, or improperly maintained, and that such abuse, neglect, or improper maintenance was the direct cause of the need for repair or replacement of the part. That notwithstanding, any adjustment of a component that has a factory installed, and properly operating, adjustment limiting device is still eligible for warranty coverage. The following emissions warranty parts for each engine family list is covered.

For engine families greater than 80cc:

(1) Fuel Metering System:

- (a) Gasoline carburetor assembly and its internal components
- (b) Carburetor gaskets
- (c) Fuel tank
- (d) Fuel Line
- (e) Fuel Line Fittings
- (f) Clamps
- (g) Pressure regulator (if equipped)
- (h) Mixer assembly and its internal components (if equipped)

(2) Air Induction System including:

- (a) Intake pipe/manifold
- (b) Air cleaner

(3) Ignition System including:

- (a) Spark plug
- (b) Ignition coil

- (4) Catalytic Muffler Assembly including:
 - (a) Muffler gasket
 - (b) Exhaust manifold (c) Catalytic converter
- (5) Crankcase Breather Assembly including:
 - (a) Breather connection tube.
- (6) Fuel tank evaporative emissions control system including:
 - (a) Purge Valves
 - (b) Carbon Canister
 - (c) Canister Mounting Brackets
 - (d) Fuel Cap
 - (e) Fuel Tank
- (7) Miscellaneous items Used in Above Systems including:
 - (a) Switches
 - (b) Hoses, belts, connectors, and assemblies.
- (8) Air injection system
 - (a) Pulse valve

For engine families less than or equal to 80cc:

- (1) Fuel Metering System:
 - (a) Gasoline carburetor assembly and its internal components
 - (b) Fuel filter (if so equipped)
 - (c) Carburetor gaskets
 - (d) Fuel pump (if so equipped)
- (2) Air Induction System including:
 - (a) Intake pipe/manifold
 - (b) Air cleaner
- (3) Ignition System including:
 - (a) Spark plug (b) Ignition module/coil
- (4) Catalytic Muffler Assembly (if so equipped) including:
 - (a) Muffler gasket
 - (b) Exhaust manifold
- (5) Crankcase Breather Assembly including:
 - (a) Breather connection tube.
- (6) Miscellaneous items Used in Above Systems including:
 - (a) Switches
 - (b) Hoses, belts, connectors, and assemblies.
- (7) Fuel tank evaporative emissions control system including:
 - (a) Fuel Tank

The warranty is provided in accordance with the "California AND FEDERAL Emission Control Warranty Statement".



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

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