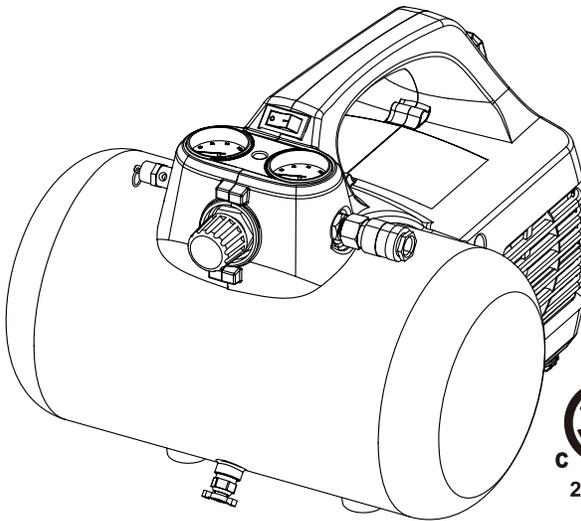


greenworks™

**2 GALLON OIL-FREE
HOTDOG COMPRESSOR
4101602**



Owner's Manual

TOLL-FREE HELPLINE: 1-888-90WORKS (888.909.6757)

www.GreenWorksTools.com

 Read all safety rules and instructions carefully before operating this tool.

CONTENTS

Contents	2
Product specifications.....	2
Symbols	3
General safety rules	4-9
Know your air compressor	10
Assembly instruction.....	11-12
Operation.....	13
Maintenance.....	14
Troubleshooting.....	15
Warranty.....	16
Exploded View	17
Parts List.....	18-19
Notes	20

PRODUCT SPECIFICATIONS

2 GAL OIL-FREE HOTDOG COMPRESSOR

Motor.....	120V 60Hz, 2.6-amp
Tank size.....	2-gallon
Air delivery.....	1.0 SCFM @ 40 PSI 0.6 SCFM @ 90 PSI
Cut-in pressure	85 PSI
Cut-out pressure	100 PSI
Weight	14.99lbs (6.8kg)



SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	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	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME
	Safety Alert
	Please read the instructions carefully before starting the product.
	Wear ear protection
	Risk of electric shock. Caution: before doing any work on the compressor it must be disconnected from the power supply.
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

GENERAL SAFETY RULES

IMPORTANT SAFETY INSTRUCTIONS



WARNING

Do not operate this unit until you read and understand this instruction manual for safety, operation and maintenance instructions.

HAZARD



RISK OF EXPLOSION OR FIRE

WHAT CAN HAPPEN	HOW TO PREVENT IT
1. It is normal for electrical contacts within the motor and pressure switch to spark.	1. Always operate the compressor in a well ventilated area free of combustible materials, gasoline, or solvent vapors.
2. If electrical sparks from compressor come into contact with flammable vapors, they may ignite, causing fire or explosion.	2/1 If spraying flammable materials, locate compressor at least 20 feet (6.1 m) away from spray area. An additional length of air hose may be required. 2/2 Store flammable materials in a secure location away from compressor.
3. Restricting any of the compressor ventilation openings will cause serious overheating and could cause fire.	3/1 Never place objects against or on top of compressor. 3/2 Operate compressor in an open area at least 12" (30.5 cm) away from any wall or obstruction that would restrict the flow of fresh air to the ventilation openings. 3/3 Operate compressor in a clean, dry well ventilated area. Do not operate unit indoors or in any confined area.
4. Unattended operation of this product could result in personal injury or property damage. To reduce the risk of fire, do not allow the compressor to operate unattended.	4/1 Always remain in attendance with the product when it is operating. 4/2 Always turn off and unplug unit when not in use.

GENERAL SAFETY RULES

RISK TO BREATHING (ASPHYXIATION)



WHAT CAN HAPPEN	HOW TO PREVENT IT
1. The compressed air directly from your compressor is not safe for breathing. The air stream may contain carbon monoxide, toxic vapors, or solid particles from the air tank. Breathing these contaminants can cause serious injury or death.	1. Air obtained directly from the compressor should never be used to supply air for human consumption. In order to use air produced by this compressor for breathing, suitable filters and in-line safety equipment must be properly installed. In-line filters and safety equipment used in conjunction with the compressor must be capable of treating air to all applicable local and federal codes prior to human consumption.
2. Exposure to chemicals in dust created by power sanding, sawing, grinding, drilling, and other construction activities may be harmful.	2. Work in an area with good cross ventilation. Read and follow the safety instructions provided on the label or safety data sheets for the materials you are spraying. Always use certified safety equipment: NIOSH/OSHA respiratory protection or properly fitting face mask designed for use with your specific application.

RISK OF BURSTING



Air Tank: On February 26, 2002, the U.S. Consumer Product Safety Commission published Release # 02-108 concerning air compressor tank safety: Air compressor receiver tanks do not have an infinite life. Tank life is dependent upon several factors, some of which include operating conditions, ambient conditions, proper installations, field modifications, and the level of maintenance. The exact effect of these factors on air receiver life is difficult to predict. If proper maintenance procedures are not followed, internal corrosion to the inner wall of the air receiver tank can cause the air tank to unexpectedly rupture allowing pressurized air to suddenly and forcefully escape, posing risk of injury to consumers.

GENERAL SAFETY RULES

The following conditions could lead to a weakening of the air tank, and result in a violent air tank explosion:

WHAT CAN HAPPEN	HOW TO PREVENT IT
1. Failure to properly drain condensed water from air tank, causes rust and thinning of the steel air tank.	1. Drain air tank daily or after each use. If air tank develops a leak, replace it immediately with a new air tank or replace the entire compressor.
2. Modifications or attempted repairs to the air tank.	2. Never drill into, weld, or make any modifications to the air tank or its attachments. Never attempt to repair a damaged or leaking air tank. Replace with a new air tank.
3. Unauthorised modifications to the safety valve or any other components which control air tank pressure.	3. The air tank is designed to withstand specific operating pressures. Never make adjustments or parts substitutions to alter the factory set operating pressures.

Attachments & accessories:

1. Exceeding the pressure rating of air tools, spray guns, air operated accessories, tires, and other inflatables can cause them to explode or fly apart, and could result in serious injury.	1. Follow the equipment manufacturers recommendation and never exceed the maximum allowable pressure rating of attachments. Never use compressor to inflate small low pressure objects such as children's toys, footballs, basketballs, etc.
---	--

Tires:

1. Over inflation of tires could result in serious injury and property damage.	<p>1. Use a tire pressure gauge to check the tires pressure before each use and while inflating tires; see the tire sidewall for the correct tire pressure.</p> <p><i>NOTE: Air tanks, compressors and similar equipment used to inflate tires can fill small tires very rapidly. Adjust pressure regulator on air supply to no more than the rating of the tire pressure. Add air in small increments and frequently use the tire gauge to prevent over inflation.</i></p>
--	---

GENERAL SAFETY RULES

RISK FROM FLYING OBJECTS



WHAT CAN HAPPEN	HOW TO PREVENT IT
1. The compressed air stream can cause soft tissue damage to exposed skin and can propel dirt, chips, loose particles, and small objects at high speed, resulting in property damage or personal injury.	1/1 Always wear certified safety equipment: ANSI Z87.1 eye protection (CAN/CSA Z94.3) with side shields when using the compressor.
	1/2 Never point any nozzle or sprayer toward any part of the body or at other people or animals.
	1/3 Always turn the compressor off and bleed pressure from the air hose and air tank before attempting maintenance, attaching tools or accessories.

RISK OF HOT SURFACES



WHAT CAN HAPPEN	HOW TO PREVENT IT
1. Touching exposed metal such as the compressor head, engine head, engine exhaust or outlet tubes, can result in serious burns.	1/1 Never touch any exposed metal parts on compressor during or immediately after operation. Compressor will remain hot for several minutes after operation.
	1/2 Do not reach around protective shrouds or attempt maintenance until unit has been allowed to cool.

GENERAL SAFETY RULES

RISK FROM MOVING PARTS



WHAT CAN HAPPEN	HOW TO PREVENT IT
1. Moving parts such as the pulley, flywheel, and belt can cause serious injury if they come into contact with you or your clothing.	1/1 Never operate the compressor with guards or covers which are damaged or removed. 1/2 Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts. 1/3 Air vents may cover moving parts and should be avoided as well.
2. Attempting to operate compressor with damaged or missing parts or attempting to repair compressor with protective shrouds removed can expose you to moving parts and can result in serious injury.	2. Any repairs required on this product should be performed by authorized service center personnel.

RISK OF UNSAFE OPERATION



WHAT CAN HAPPEN	HOW TO PREVENT IT
1. Unsafe operation of your air compressor could lead to serious injury or death to you or others.	1 Review and understand all instructions and warnings in this manual. 2 Become familiar with the operation and controls of the air compressor. 3 Keep operating area clear of all persons, pets, and obstacles. 4 Keep children away from the air compressor at all times. 5 Do not operate the product when fatigued or under the influence of alcohol or drugs. Stay alert at all times. 6 Never defeat the safety features of this product. 7 Equip area of operation with a fire extinguisher. 8 Do not operate machine with missing, broken, or unauthorized parts.

GENERAL SAFETY RULES

RISK OF FALLING



WHAT CAN HAPPEN	HOW TO PREVENT IT
1 A portable compressor can fall from a table, workbench, or roof causing damage to the compressor and could result in serious injury or death to the operator.	1 Always operate compressor in a stable secure position to prevent accidental movement of the unit. Never operate compressor on a roof or other elevated position. Use additional air hose to reach high locations.

RISK FROM NOISE



WHAT CAN HAPPEN	HOW TO PREVENT IT
1 Under some conditions and duration of use, noise from this product may contribute to hearing loss.	1 Always wear certified safety equipment: ANSI S12.6 (S3.19) hearing protection.

SAVE THESE INSTRUCTIONS FOR FUTURE USE

GLOSSARY

Become familiar with these terms before operating the unit.

CFM: Cubic feet per minute.

SCFM: Standard cubic feet per minute; a unit of measure of air delivery.

PSI: Pounds per square inch gauge; a unit of measure pressure.

Code Certification: Products that bear one or more of the following Marks: UL®*, CUL, ETL®*, CETL, have been evaluated by OSHA certified independent safety laboratories and meet the applicable Standards for Safety.

*UL® is a registered trademark of Underwriters Laboratories and ETL® is a registered trademark of Electrical Testing Laboratories.

Cut-In Pressure: While the motor is off, air tank pressure drops as you continue to use your accessory. When the tank pressure drops to a certain low level the motor will restart automatically. The low pressure at which the motor automatically restarts is called "cut-in" pressure.

Cut-Out Pressure: When an air compressor is turned on and begins to run, air pressure in the air tank begins to build. It builds to a certain high pressure before the motor automatically shuts off, protecting your air tank from pressure higher than its capacity.

The high pressure at which the motor shuts off is called "cut-out" pressure.

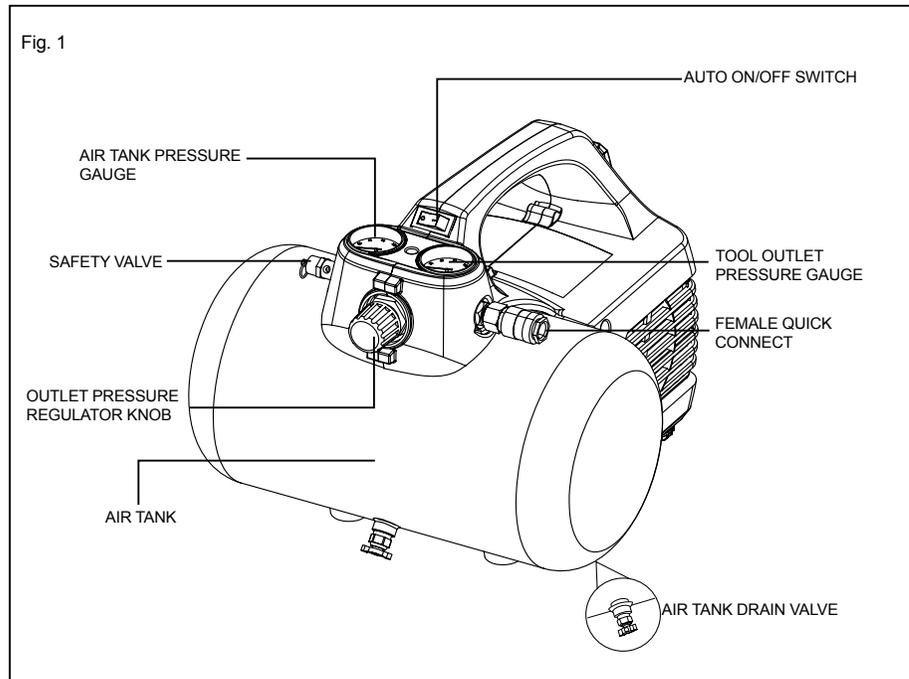
Branch Circuit: Circuit carrying electricity from electrical panel to outlet.

ACCESSORIES

Includes: Recoil Hose, Blow gun, 1/4" Quick connector, Tire chuck, Inflation needle Blow gun adaptor, Tapered nozzle, Plumber's tape

KNOW YOUR AIR COMPRESSOR

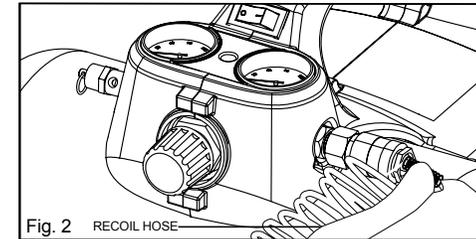
The safe use of this product requires an understanding of the information on the tool and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules. (See Fig. 1)



ASSEMBLY INSTRUCTION

ATTACHING AIR HOSE TO COMPRESSOR

1. Using your right hand push quick connect towards the body of the compressor.
2. Firmly press fit the male quick connect portion on the air hose into the female quick connect and release female quick connect locking hose in place.



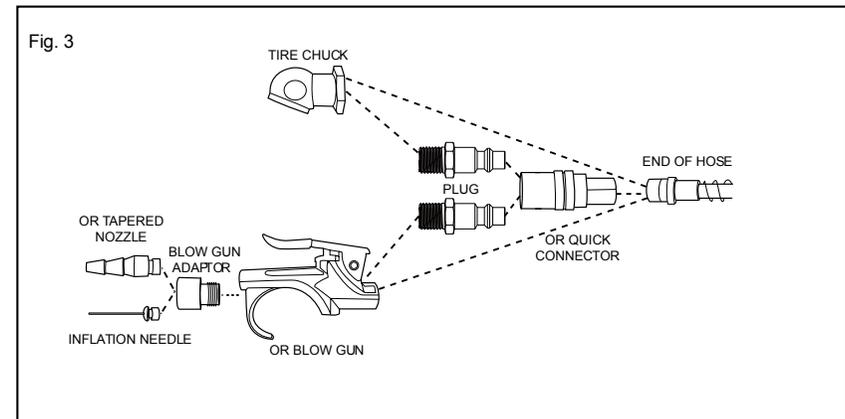
NOTE: When connecting or disconnecting air hose remove air from tank.

ASSEMBLE ACCESSORIES

The unit supplied with an accessory kit, choose the accessory needed.

Assemble Accessory Kit

1. Assemble female tire chuck/blow gun/quick coupler to the end of hose and tighten securely with wrenches.
2. Assemble Plug to the quick coupler
3. Assemble tire chuck/ blow gun to the plug
4. Assemble blow gun adaptor to the blow gun.
5. Assemble inflation needle/tapered nozzle to the blow gun adaptor.



ASSEMBLY INSTRUCTION

UNPACKING

- This product requires assembly.

⚠ WARNING

Do not use this product if any parts on the Packing List are already assembled to your product when you unpack it. Parts on this list are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call **1-888-909-6757** for assistance.

PACKING LIST

- Air Compressor
- Recoil Hose P/N: 3790175
- Accessory Kit
 - 1 Blow gun, P/N:37905110
 - 1 1/4" Quick connector, P/N:3790150-1A
 - 1 Tire chuck, P/N:37903110
 - 1 Inflation needle, P/N:37902110
 - 1 Blow gun adaptor, P/N:37911110
 - 1 Tapered nozzle, P/N:37904110
 - 2 Male plug P/N:37909110
 - 1 plumber tape P/N:37901110
- Operator's Manual

⚠ WARNING

If any parts are damaged or missing do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury

⚠ WARNING

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

OPERATION

STARTUP

1. Before each startup, make sure the power switch is in the OFF position
2. Place air compressor on a flat and level surface.
3. Release pressure from air compressor. Drain moisture from the air tank by opening the air tank drain valve by turning counter-clockwise. Once all moisture has been drained, close the drain valve by turning clockwise until securely tightened.

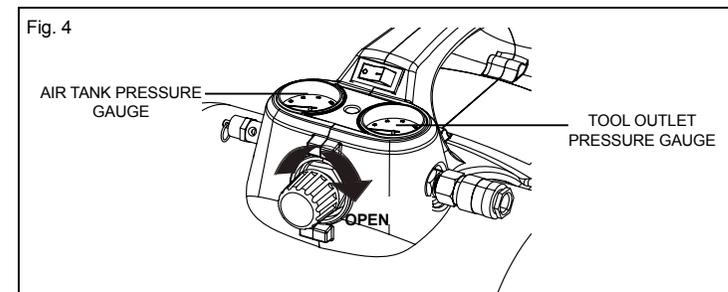
NOTE: Air tank will not pressurize while drain valve is open.

4. Turn the pressure regulator knob fully counterclockwise to close airflow from air outlet port.
5. Attach air hose and accessories.

⚠ WARNING

Too much air pressure causes a hazardous risk of bursting. Check the manufacturer's maximum pressure rating for air tools and accessories. The regulator outlet pressure must never exceed the maximum pressure rating.

6. Turn the compressor ON by moving the switch to the AUTO/ON position and allow the tank pressure to build. Once the air pressure reaches the maximum preset pressure ("cut-out" pressure) it will automatically shut off.
7. Slowly turn the pressure regulator knob clockwise to open airflow from air outlet port until desired output pressure is reached.



NOTE: The air compressor will automatically restart once the pressure in the air tank drops below the minimum preset pressure ("cut-in" pressure).

MAINTENANCE

WARNING

Disconnect air compressor from power source and bleed off all air pressure before attempting any maintenance or repair.

SHUTDOWN AND STORAGE:

1. Turn the switch to the OFF position
2. Turn the pressure regulator knob fully counterclockwise to close airflow from air outlet port. Check the outlet pressure gauge to ensure that it reads 0 PSI.
3. Remove the air hose and any air accessories.
4. Drain moisture from the air tank by slowly opening the air tank drain valve by turning counter clockwise. Tilt tank to remove all moisture. Once all the moisture has drained out, close the fitting securely.
5. Allow the compressor to cool down.
6. Wipe the air compressor clean and store it in a clean, dry, and non-freezing location.

WHEN PERFORMING ANY MAINTENANCE OR SERVICE:

1. The air compressor must be turned off.
 2. Open tank drain to bleed off all air pressure before attempting any maintenance or repair.
 3. Allow compressor to fully cool before attempting any maintenance or repair.
- Check the air compressor frequently for any visible problems and follow maintenance procedures each time the compressor is used.

MAINTENANCE CHECKLIST:

Daily:

- Drain accumulated liquid from tank.
- Check for unusual noise and/or vibrations.
- Check that all fasteners are secure.
- Wipe compressor clean.

Monthly:

- Check for air leaks.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	LIKELY SOLUTIONS
Compressor does not start or restart	<ol style="list-style-type: none"> 1. Tank(s) already pressurized. 2. Power cord not plugged in properly. 3. No power at outlet. 4. Thermal overload switch tripped. 5. Building power supply circuit tripped or blown fuse. 6. Cord wire size is too small or cord is too long to properly power compressor. 7. Compressor needs service. 	<ol style="list-style-type: none"> 1. No problem. Compressor will start when needed. 2. Check that cord is plugged in securely. 3. Reset circuit breaker, or have outlet serviced by a qualified technician. 4. Turn off Compressor and wait for it to cool down. Press reset button. Resume operation. 5. Reset circuit or replace fuse. Check for low voltage conditions. It may be necessary to disconnect other electrical appliances from the circuit or move the compressor to its own circuit. 6. Use larger diameter or shorter extension cord or eliminate extension cord. See Recommended Wire Gauge for Extension Cords in Safety section. 7. Have unit inspected by a qualified technician.
Compressor not building enough air pressure	<ol style="list-style-type: none"> 1. Air filters need cleaning/replacing. 2. Check Valve needs service. 3. Compressor not large enough for job. 4. Loose fittings. 5. Hose or hose connections too narrow. 6. High altitude reducing air output. 	<ol style="list-style-type: none"> 1. Check inlet and outlet filters. Clean and/or replace as needed. 2. Have technician clean or replace, as needed. 3. Check if accessory CFM is met by Compressor. If Compressor cannot supply enough air flow (CFM), you need a larger Compressor. 4. Reduce air pressure, then check all fittings with a soap solution for air leaks and tighten as needed. Do not overtighten. 5. Replace with wider hose and/or hose connections. 6. Higher altitudes require compressors with greater output.
Overheating	<ol style="list-style-type: none"> 1. Unusually dusty environment. 2. Cord is too small of a gauge or too long to handle compressor. 3. Unit not on level surface. 	<ol style="list-style-type: none"> 1. Move unit to cleaner environment. 2. Increase cord size or use shorter length extension cord, or eliminate extension cord. See Recommended Wire Gauge for Extension Cords in Safety section. 3. Reposition unit on a level surface.
Compressor starts and stops excessively	<ol style="list-style-type: none"> 1. Loose fittings. 2. Compressor not large enough for job. 	<ol style="list-style-type: none"> 1. Reduce air pressure, then check all fittings with a soap solution for air leaks and tighten as needed. Do not overtighten. 2. Check if accessory CFM is met by Compressor. If Compressor doesn't reach accessory CFM, you need a larger Compressor.
Excessive noise	Loose fittings.	Reduce air pressure, then check all fittings with a soap solution for air leaks and tighten as needed. Do not overtighten.
Moisture in discharge air	Too much moisture in air.	Install inline air filter/dryer, and/or relocate to less humid environment.
Safety Valve "pops"	Safety valve needs service.	Pull on test ring of safety valve. If it still pops, replace.
Air leaks from pump or fittings	Loose fittings.	Reduce air pressure, then check all fittings with a soap solution for air leaks and tighten as needed. Do not overtighten.
Air leaks from tank	Defective or rusted tank.	Have tank replaced by a qualified technician. Drain moisture from tank daily to prevent future corrosion.

 Follow all safety precautions whenever diagnosing or servicing the compressor. Disconnect power supply before service.

LIMITED ONE-YEAR WARRANTY



GREENWORKS™ hereby warrants this product, to the original purchaser with **proof of purchase**, for a period of one (1) year against defects in materials, parts or workmanship. GREENWORKS™, at its own discretion will repair or replace any and all parts found to be defective, through normal use, free of charge to the customer. This warranty is valid only for units which have been used for personal use that have not been hired or rented for industrial/commercial use, and that have been maintained in accordance with the instructions in the owners' manual supplied with the product from new.

ITEMS NOT COVERED BY WARRANTY:

This warranty applies only to the original purchaser at retail and may not be transferred. This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse, neglect, alteration, modification or repair by other than an authorized service center for GREENWORKS™ branded air compressors. Consumable accessories provided with the tool such as, but not limited to, blades, bits and sand paper are not covered.

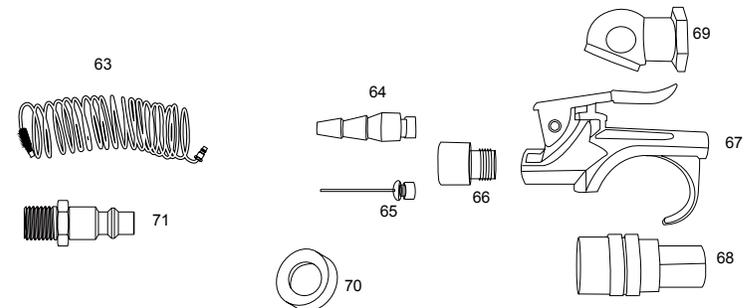
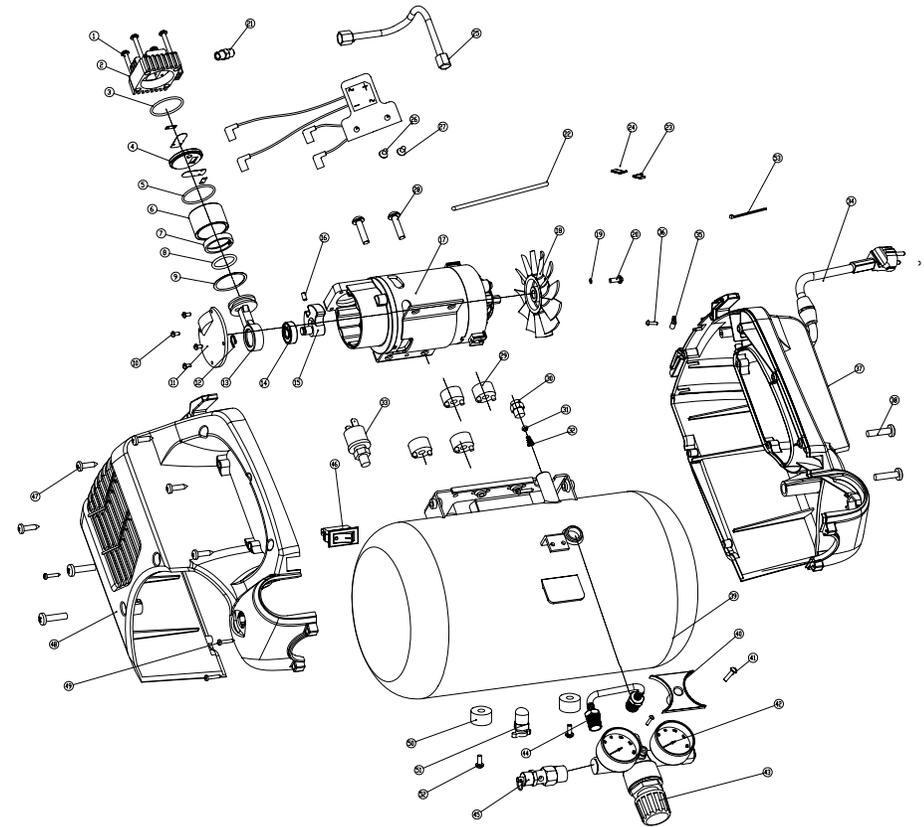
GREENWORKS HELPLINE (1 888 90WORKS):

Warranty service is available by calling our toll-free helpline, at **1-888-909-6757 (1-888-90WORKS)**.

TRANSPORTATION CHARGES:

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by GREENWORKS.

EXPLODED VIEW



PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	32201252A	Screw M4x35	4
2	3310250-1A	Cylinder Head	1
3	3490350	Silicon Ring 31.5x1.8	1
4	3310252-2	Cylinder Gasket	1
5	3490350-1	Silicon Ring 31.x2	1
6	3310550	Cylinder	1
7	3490150-1	Piston Ring	1
8	3420352	Silicon Ring 21.2	1
9	3490650	Fishpaper washer	4
10	32202301A	Screw ST2.9x10	4
11	3410150-1	Acoustical Panel	1
12	3290650	Clamping ϕ 8	1
13	3310152	Connecting Rod	1
14	321011192	Bearing 608 2RS	1
15	3320350	Crank	1
16	3220152-2	Screw M5x10	1
17	3610152-3	3G Motor	1
18	3410350-6A	Fan	1
19	3290452	Flat Washer	1
20	3220205-1	Screw M4x10	1
21	3750150A	Pipe Connector	1
22	3030150	cotton varnished sleeve 4	1
23	3330550	Terminal 6.3x0.8	1
24	3419650	Sheath 6.3	1
25	31106744	Aluminum Tube Assy.	1
26	31102744	PCB	1
27	3220840	Screw M4x8	2
28	3220250A	Screw M6x25	4
29	34104744	Damping plug	4
30	3750150A	Pipe Connector	1
31	3410152	Silicone Seal Gasket	1
32	3290252	Bellow Spring	1
33	3630152-1	Pressure Switch	1
34	36401744	Power Cord	1
35	3410302-1	Line Card	1
36	3220245	Screw ST4x12	1
37	341021689	Right housing	1
38	3220150	Screw M6x15	4
39	333011689	2G Tank	1
40	341031689	Pressure Regulator Pallet	1

PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY
41	3220205-1	Screw M4x10	3
42	3190452	40 Pressure Gauge	2
43	3110211689	3G Pressure Regulator Assy.	1
44	31104744	Gas Guide Tube Assy.	1
45	3190350	Safety Valve 115PSI	1
46	3630150	Power Switch	1
47	3220245	Screw ST5x20-C	5
48	341011689	Left Housing	1
49	32201744	Screw ST2.9x15	6
50	34201744	Rubber Feet	2
51	3290275	Drain Valve	1
52	3220575	Screw M5x10	5
53	3412228	Nylon cable ties	3
54	3790175	Recoil Hose	1
55	37904110	Tapered nozzle	1
56	37902110	Inflation needle	1
57	37911110	Blow gun adaptor	1
58	37905110	Below Gun	1
59	3790150-1A	1/4" Quick connector	1
60	37903110	Tire chuck	1
61	37901110	plumber tape	1
62	37909110	Male plug	2
63	3790175	Recoil Hose	1
64	37904110	Tapered nozzle	1
65	37902110	Inflation needle	1
66	37911110	Blow gun adaptor	1
67	37905110	Blow Gun	1
68	3790150-1A	1/4" Quick connector	1
69	37903110	Tire chuck	1
70	37901110	plumber tape	1
71	37909110	Male plug	2

